

MESSAGE

FROM THE

PRESIDENT OF THE UNITED STATES



TO THE

TWO HOUSES OF CONGRESS

AT THE

COMMENCEMENT OF THE SECOND SESSION

OF

THE THIRTY-SIXTH CONGRESS.

DECEMBER 4, 1860.—Read, and ordered that the Message and accompanying documents be printed.

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REPORT OF THE SECRETARY OF THE NAVY.

NAVY DEPARTMENT,
December 1, 1860.

SIR: In pursuance of the provision contained in the naval appropriation act of June 22, 1860, I appointed a board of officers, consisting of Commodore George W. Storer, Commodore S. H. Stringham, John Lenthall, Naval Constructor and Chief of the Bureau of Construction, &c.; Samuel Archbold, Engineer-in-chief, B. F. Isherwood, chief engineer, and B. F. Delano, naval constructor, to examine the sailing ships of the Navy in order to determine the expediency of converting them into efficient war steamers. They proceeded to the navy-yards at Kittery, Charlestown, Brooklyn, Philadelphia, and Gosport, and examined the brig Perry, the sloops-of-war Dale, Preble, Vincennes, Vandalia, Jamestown, Saratoga, Germantown, Plymouth, Cumberland, and Macedonian; the frigates Santee, Brandywine, Potomac, St. Lawrence, Columbia, Raritan, and United States; and the line-of-battle ships Alabama, Virginia, Vermont, Ohio, North Carolina, New York, Columbus, Pennsylvania, and Delaware. The brigs, sloops, and frigates then at sea have not been inspected by them, but as they found by the records of the Department that, in form, dimensions, age, and condition, these were similar to those they had examined, they included all in the same opinion. The result of their report is that it is not expedient to introduce steam power into the brigs, sloops, and frigates, but that it is expedient to introduce it into these ships-of-the-line, except the Delaware, now too defective to permit it, and by razeing them to convert them into first class steam frigates. While the present steam frigates of the Minnesota class, carrying mixed batteries of eight and nine-inch guns, forty in number, cost, on an average, \$725,000 each, the cost of converting these eight line-of-battle ships into steam frigates of the same class would average but \$383,000, and when thus converted they would, in the opinion of the board, be efficient steam ships of war of full steam power.

Their report is herewith submitted, and I concur in the measure which they propose, as in the event of war no one of these line-of-battle ships, in the present state of steam navigation, could go to sea with a reasonable degree of safety.

Of the sailing frigates, the United States is not worth repairing; the Constitution has been thoroughly repaired, and would last many years at the Naval Academy, where she is now stationed; the Sabine and Santee are comparatively new, and can be used as frigates; the remaining six, as they shall require repairs, should be converted into

sloops-of-war, and finally into store ships, and as such would be useful for stores and for protection in various foreign ports.

The sloops of war built prior to 1840, and the brigs Bainbridge, Perry, and Dolphin, require such an expenditure to keep them fit for service that it will soon be advantageous to replace them with new vessels. They are not large enough for store ships.

The seven steam frigates, with the exception of the Franklin, are now afloat, and are receiving repairs that will fit them for any service. No steam machinery has been built for the Franklin, and the engines of the Merrimac should be renewed.

Of the six new steam sloops-of-war of the first class, five are at sea, and their performance has been satisfactory; the other, the Pensacola, will soon be completed.

Of the side-wheel steamers of the first class, the Susquehanna, Saranac, and Powhatan can, by introducing screw propulsion, be made efficient and economical war steamers; the other, the Mississippi, will be worth no more repairs than she is now receiving.

Of the new steam sloops-of-war of the second class, four, mounting each two eleven-inch guns, have been eminently successful; two of the others, mounting each one eleven-inch gun, are of less draft, and their performance at sea has not been equal to that of the larger vessels. Another of these smaller steamers, mounting eight nine-inch guns, is expected in port and will be prepared for a more perfect trial. The Pocahontas has been remodelled and provided with a new engine, and is an efficient vessel.

The five screw steamers of the third class, recently chartered and then purchased, are performing very efficient service on the coast of Africa and Cuba, and are in every respect useful vessels. At the end of their present cruises they will require some repairs, and probably new boilers.

The five side-wheel steamers of the small class are useful and efficient in peace and as dispatch vessels in war, but no side-wheel steamer can be efficient as a war steamer.

INCREASE OF THE NAVY.

While it is the dictate of sound policy to increase the efficiency of our present ships of war, it is equally so to increase their number.

The Constitution of the United States confers on Congress the power to maintain a navy, and prohibits the States from exercising any such power. No State, under the Constitution, has the right or the power to protect its citizens or its commerce on the ocean or in foreign countries, having parted with both by transferring them to the Federal Government in trust for the common benefit. That we must have a navy for protection and defense—that we must have the means of continuing it in existence and of employing it—that the duty of providing both has been devolved on the Federal Government—are self-evident propositions. This transfer of power to Congress on one hand, and total abnegation of it by the States on the other, creates the strongest possible political and moral obligation on the part of this government to provide and maintain a naval force adequate to our

protection. While we have a population of thirty millions of souls—a sea-coast of vast extent on the Atlantic and Pacific oceans—a navigating interest of five millions of tons—an annual export and import trade of six or seven hundred millions of dollars, and a home trade not less valuable, it would be strange and unaccountable in any one to suppose that the Federal Government, in providing and maintaining its present Navy, has discharged its constitutional obligation. The constant appeal of American citizens, coming to us from all quarters of the world, asking for security and protection beyond what the government, with its present means, can afford them, speaks a language to which we are not at liberty to turn a deaf ear. To be able at any time, at short notice, to throw a powerful naval force upon any given point where our interests are threatened or the lives of American citizens are in jeopardy, is not only a constitutional duty, but one of the safest, most beneficent, and salutary powers that can be intrusted to official hands under a republican form of government; and I cannot permit the present occasion to pass without most earnestly recommending the policy of a gradual, substantial, and permanent increase of the Navy, accompanied by the universal introduction into it of the motive power of steam. Such policy is essential to the protection of our coasts and commerce, and of American citizens and their property on the ocean and in distant countries—to the preservation of peace, the efficiency of negotiation, the general advancement of our commercial interests, the maintenance of our appropriate position among nations, and the prompt vindication of our rights and of the honor of the country, and should be subject to none of the ordinary vacillations arising from the varied success of political parties.

POLICY OF SUSPENDING REPAIRS.

The policy which has been pursued by Congress since the commercial revulsion of 1857, of curtailing appropriations for naval repairs, and suspending improvements in the navy-yards, can be vindicated only as a temporary modification of our general policy, to be continued no longer than the present depletion of the Treasury shall continue. If Congress could by law arrest the march of intellect on one hand, and the process of decay on the other, it might do better for government to stand still. But at a time of incessant activity beyond all past ages, the nation which should pursue this stand-still policy would soon find itself unfortunately in the lurch—far, far behind all others. It is impossible to maintain the position of security and respect we now have among the powers of the world, if we permit that great arm of defense, by which principally our power would be felt, to fall into neglect and decay.

NAVY-YARDS.

A naval force cannot be maintained without navy-yards and docks. These are necessary appendages of the Navy. They are indispensable instrumentalities and means to be used in its construction and preservation, and in all the operations connected with its employment. Any

such project as that of abolishing the navy-yards could not be entertained by any one who did not at the same time entertain the insane project of abolishing the Navy; and if they are to be maintained they should, as a matter of course, be kept in a state of practical efficiency for the purposes for which they exist. There is no tenable middle position between the maintenance of the navy-yards in the best and most efficient condition to accomplish the objects for which they were established and the absolute abandonment of the Navy itself. I have therefore presented an estimate made by the Chief of the Bureau of Yards and Docks, and to be found in his accompanying report, of the expenditure which will be necessary to carry forward improvements in the navy-yards, provided Congress shall deem it expedient to resume its former policy, and to prosecute it during the next fiscal year.

With a view to insure the greatest practical efficiency by removing and excluding abuses, and obtaining for expenditure a full equivalent in labor, the navy-yards have recently been placed under a uniform system of organization, applied equally to all of them which seems to be well calculated to secure these objects. They are commanded each by a captain of the Navy, who has authority in the yard analogous to that of a commander of a ship at sea. He is responsible that every man do his duty. He has the power to dismiss any one for neglect or misconduct, except naval officers and master workmen, whom in such case it is his duty to report to the Department. In order to insure capable master workmen, they are required to be examined by a board of naval officers, who must report them fully qualified for their duties before they can receive their appointments. They are immediately responsible for the workmen employed under them, and therefore they have the selection of them subject to the approval of the commandant; and it is his duty at all times to limit the number to the necessities of the service. The duties of every officer in the yard are specifically defined by regulation. It has been the object of the Department to improve and elevate the condition of the master mechanics and other civilians, and to increase their responsibility. Under this system it is impossible that abuses should exist without involving the commandant and the corps of naval officers under his command. Even if it should happen, as may sometimes be the case, that a few men of the laboring classes in public employment, earning a subsistence by the sweat of the brow, should receive somewhat more than an equivalent for the labor of their hands, it would not by any means be the greatest evil that happens under government, nor be a sufficient reason for abandoning convenient and necessary public works. All history shows that the class of working men do not usually receive too high a reward for their labor, and if government never suffers pecuniarily except by them, the extent of the injury will not be alarming.

NAVAL ACADEMY.

The Naval Academy, under the superintendence of Captain George S. Blake, is in admirable condition. Twenty-five acting midshipmen graduated in June; one hundred and thirty-five candidates were

permitted to be examined for admission; thirty-six failed to present themselves or were found disqualified, and ninety-nine were examined and admitted.

The measure adopted a year ago of placing the fourth class on board the sloop-of-war *Plymouth*, attached to the academy, has proved entirely successful. I have caused the frigate *Constitution* to be substituted for the *Plymouth*, and to be anchored in the harbor of Annapolis for the accommodation of the fourth class. The historic recollections associated with this ship will exert a salutary influence on the minds of youth devoting themselves to the naval service. It accommodates all the sections of the fourth class with study and recitation rooms, and the officers and acting midshipmen and the crew of the ship with sleeping and mess apartments.

A board of officers, consisting of Commodore E. A. F. Lavallette, Captain William M. Glendy, Captain Cadwalader Ringgold, Commander Cicero Price, and Commander William Rogers Taylor, was appointed in May last, to witness the examinations of the classes of acting midshipmen, and to inquire into the state of the police, discipline, and general management of the academy. They have made a favorable report on all the subjects submitted to them. On their arrival at Annapolis, the fourth class had already been examined, to hasten their departure in the practice-ship. The first, second, and third classes were examined in the presence of the board, and made a most gratifying exhibition of their acquirements in the academic studies and in the practical exercises of gunnery, field artillery, infantry tactics, and broad and small swords. The board observed with pleasure the progressive advancement in professional acquirements from the lower to the higher classes; and particularly the proficiency of the graduating class, which has left the institution with a ground work of professional education promising great future usefulness to the Navy and to the country. The police and discipline of the institution have been most carefully preserved. Its records show a gradual diminution of the number found deficient at the examinations since 1855. In that year, those found deficient were twenty-three per cent. of the whole number; in 1856, nineteen and a half per cent.; in 1857, eighteen and a half per cent.; in 1858, fifteen and a half per cent.; in 1859, fourteen and a half per cent.; and for the first half of 1860, ten per cent. The grounds, public buildings, and apparatus are in excellent order, with the exception of the wooden structure covering the gun battery and magazine, which is insecure, and should be renewed. The plan of keeping a ship permanently attached to the academy as a home for the fourth class, is highly approved as a valuable addition to the means of instruction as well as accommodation. The board of officers record their high appreciation of the services of the superintendent and his associates, and say that the institution has prospered in their hands, and provides for the Navy a high standard of general and professional knowledge. I concur in these views.

The practice-ship *Plymouth*, Commander Thomas T. Craven, left Norfolk June 27, with one hundred and seventeen acting midshipmen on board, to make her annual cruise. She visited the ports of Fayal, Cadiz, Funchal in Madeira, and Santa Cruz in Teneriffe, returned to

Hampton Roads on the 3d of September, and spent the remainder of that month in various maneuvers for instruction in Chesapeake bay.

Commander Craven commends the proficiency of the first class in navigation and seamanship. This class navigated the ship from Teneriffe to Hampton Roads, performing with accuracy the duties of watch officers. Their observations for ascertaining the position of the ship were so reliable that Commander Craven felt perfect confidence in the correctness of their work. He perceived a very great improvement in the third class of this year over that of the former year, arising from their having been during the last academic year so thoroughly drilled on board the school ship. He says: "The very great advantages obtained by the junior or third class over the first class in practical seamanship, and their very superior efficiency and usefulness when prompt assistance was required in the management of the yards, sails, &c., exhibited itself in a remarkable degree."

AFRICAN SLAVE TRADE.

During the past year the suppression of the African slave trade has received attention, and the work has been prosecuted with vigor. The following vessels engaged in the traffic have been captured and sent in for adjudication, namely: the brig *Delicia* captured December 21, 1859, by the sloop-of-war *Constellation*, Captain John S. Nicholas, off Kabenda, on the coast of Africa, and sent into Charleston; brigantine *Virginian*, captured in Congo river, February 6, 1860, by the sloop-of-war *Portsmouth*, Commander John Colhoun, and sent into Norfolk; bark *Wildfire*, captured in the old Bahama channel, April 26, 1860, by the United States steamer *Mohawk*, Lieutenant Commanding T. A. M. Craven, and sent into Key West, with her cargo of five hundred and thirty Africans, of whom five hundred and seven were delivered to the marshal; brig *Falmouth*, captured off Porto Praya, May 6, 1860, by the sloop-of-war *Portsmouth*, Commander John Colhoun, and sent into New York; bark *William*, captured off the coast of Cuba, May 9, 1860, by the United States steamer *Wyandotte*, Lieutenant Commanding Fabius Stanly, and sent into Key West, with her cargo of five hundred and seventy Africans, of whom five hundred and thirteen were delivered to the marshal; the *Bogota*, captured off the coast of Cuba, May 23, 1860, by the United States steamer *Crusader*, Lieutenant Commanding John N. Maffitt, and sent into Key West with her cargo of five hundred Africans, of whom four hundred and eleven were delivered to the marshal; brig *Thomas Achorn*, captured June 29, 1860, by the United States steamer *Mystic*, Lieutenant Commanding William E. Le Roy, at Kabenda, on the coast of Africa, and sent into New York; brig *Triton*, captured July 16, 1860, by the United States steamer *Mystic*, Lieutenant Commanding William E. Le Roy, on the west coast of Africa, and sent into Norfolk; the *William R. Kibby* captured July 23, 1860, by the United States steamer *Crusader*, Lieutenant Commanding John N. Maffitt, off the coast of Cuba, and sent into New York, with three African boys on board: ship *Erie*, captured August 8, 1860, by the steam sloop-of-war *Mohican*, Commander Sylvanus W. Godon, off Congo river, and sent into New York, after having

proceeded to Monrovia with her cargo of eight hundred and ninety-seven Africans, and delivered the survivors, eight hundred and sixty-seven in number, into the hands of the United States agent at that place; brig *Storm King*, captured August 8, 1860, by the United States steamer *San Jacinto*, Captain T. A. Dornin, off the Congo river, and sent into Norfolk, having first proceeded to Monrovia with six hundred and nineteen captured Africans on board, and delivered six hundred and sixteen, who survived, to the United States agent at that place; and a brig of *unknown name*, captured August 14, 1860, by the United States steamer *Crusader*, Lieutenant Commanding John N. Maffitt, off the coast of Cuba, and sent into Key West. Of these, seven slavers, having on board sixteen hundred and three Africans, were captured by the purchased steamers chartered for the Paraguay expedition. The whole number of vessels captured during the past year is twelve; the whole number of Africans rescued is three thousand one hundred and nineteen.

While the government has been thus active in its endeavors to suppress the African coast slave trade, and in the last three years has been successful in capturing more slavers than at any former period, yet it is obvious that it can be broken up in two modes only. Cuba is now the only mart in the world open to this trade. If Great Britain should enforce the provision in her treaty with Spain, of September 23, 1817, by which for the consideration of two millions of dollars paid her by Great Britain, Spain stipulated to abolish the slave trade between Africa and Cuba, it would be effectually suppressed. If Cuba were to pass under the Constitution of the United States by annexation, the trade would then also be effectually suppressed; and in either case both the United States and Great Britain would be spared the large expenditure of treasure and life to which they are now subjected to maintain their present squadrons on the coast of Africa.

PATENTED ARTICLES.

The provision in the act of Congress of June 23, 1860, which prohibits the purchase of patented articles for the use of the Army and Navy will be found injurious to the latter service. Since the introduction of steam to propel ships of war, a great variety of patented articles have, in the construction and repair of a steamship, become of daily use, and in many cases of indispensable necessity. Patented boilers, surface condensers, friction thrusts, governors or speed regulators, steam pumps, capstans, air ports, boat detachers, galleys or cooking stoves, ventilators, steering apparatus, lanterns, logs and leads, vulcanized rubber, salinometers, counters, hydraulic jacks, water-gauges, and many tools for manufacturing machinery, and driving and drawing bolts, are of this description. And what is true of the steam machinery is also in some measure true of the armament. A war steamer built now according to the fashion of the past, excluding all modern patented improvements, would be an antiquated object, far behind the present age, and as inefficient as it would be antiquated. The best modern patented improved boiler will make a saving of eighteen per cent. of steam. To dispense with all patented

surface condensers would be wanton extravagance. To arm a ship of war without a modern patented invention would give great advantage to the enemy. To prohibit the sailor the use of his seamless pea-jacket and cap would be to deprive him of the comfort of some of his light, warm, most durable and cheap and nearly water-proof clothing. To withhold from him the use of American patented desiccated vegetables would take from him a portion of his most nutritious and acceptable food. It is impossible to build, equip, arm, and provide a steamship of war having anything like usual modern efficiency, without trespassing on all sides upon modern patented improvements. Something also is due to the inventive genius of our countrymen. It is within the memory of the living when the great inventions and discoveries which have almost revolutionized the world were unknown.

SUPPLIES FOR THE NAVY.

The act of Congress of March 3, 1847, (Statutes at Large, vol. 9, p. 172, section 2,) exempted butter and cheese purchased for the Navy from the operation of the general law which requires contracts to be given to the lowest bidder. The act of August 3, 1848, (vol. 9, page 272, section 11,) authorized the Secretary of the Navy specially to contract for tobacco without advertising. The joint resolution of March 27, 1854, (vol. 10, page 592,) authorized the purchase for the use of the Navy of particular brands of flour in open market. All these provisions were repealed by the act of Congress approved June 23, 1860. It is recommended that the repeal be repealed, so as to restore the former law; as otherwise it will be impracticable to provide for the Navy butter, cheese, and flour which will bear exposure to hot climates. The sailor also should be permitted to have his favorite tobacco prepared specially for his use.

MARINE CORPS, SURGEONS, AND PAYMASTERS.

I have heretofore reported minutely the condition of the Marine Corps and of the medical and pay departments of the Navy, and have recommended that they be increased and be made adequate to the wants of the service. I refer to them now for the purpose merely of recalling to your mind my former recommendations, and remarking that nothing has since occurred to detract from the considerations on which they were based.

SQUADRONS.

The HOME SQUADRON has, during the past year, been under the command of Flag Officer Joseph R. Jarvis. He was appointed in May last, on the detachment of Flag Officer William J. McCluney, detached on account of ill health, and having been on the station two years in command of the sloop-of-war Savannah, he requested to be relieved, and in October was succeeded by Flag Officer G. J. Pendergrast. The squadron in the course of the year has included the flag ship Savannah, Captain Joseph R. Jarvis; the steam frigate Roanoke, Captain W. H.

Gardner; the steam sloop Powhatan, Captain Samuel Mercer; the steam sloop Susquehanna, Captain George N. Hollins, which has proceeded to the Mediterranean; the frigate Sabine, Captain Henry A. Adams; the steam sloop Brooklyn, Captain D. G. Farragut, succeeded by Captain William S. Walker; the sloops-of-war Jamestown, Commander C. H. A. H. Kennedy; Saratoga, Commander Thomas Turner, and St. Louis, Commander Charles H. Poor; steamer Pocahontas, Commander Samuel F. Hazard; sloop-of-war Preble, Commander Thornton A. Jenkins; steam sloop Pawnee, Commander Henry J. Hartstene; the steamers Mohawk, Lieutenant Commanding T. A. M. Craven; Water Witch, Lieutenant Commanding Lewis C. Sartori; Wyandotte, Lieutenant Commanding Fabius Stanly, and Crusader, Lieutenant Commanding John N. Maffitt; and the sloop Falmouth, Lieutenant Commanding O. H. Berryman, succeeded by Lieutenant Commanding Charles Thomas, which is permanently stationed at Aspinwall as a store ship, and is armed and provided to furnish protection to our citizens. The Jamestown returned home in February, the Roanoke in May, the Saratoga in June, the Preble and Water Witch in September, and the Savannah in November. The store ships Relief, Commander Benjamin M. Dove; Supply, Commander Henry Walke; and Release, Lieutenant Commanding George W. Harrison have been more or less employed in connection with this squadron. The sloop-of-war Cumberland, Captain John Marston, is on the eve of sailing from New York for Vera Cruz, to be the flag ship of Flag Officer Pendergrast, and the sloop-of-war Macedonian is fitting at Portsmouth, New Hampshire, to join the squadron.

The Sabine has been most of the time before Aspinwall. She has recently, by order of the Department, appeared before Vera Cruz.

The Mohawk, Wyandotte, Crusader, and Water Witch, have been employed on the coast of Cuba. The Water Witch, yellow fever having appeared on board, returned in September to Philadelphia. The Brooklyn has recently been engaged in special service in connection with the Chiriqui surveying expedition. She had previously been at Vera Cruz, and had, in January, afforded Mr. McLane, United States minister to Mexico, a passage from that port to New Orleans in March from Norfolk to Vera Cruz, and in July from Vera Cruz to Mobile bay. In August she sailed from Norfolk with the Chiriqui commission.

The St. Louis was employed on the Central American coast until June, when she proceeded on a cruise to the eastward, and successively visited Carthagena, St. Domingo City, La Guayra, Curaçoa, and Rio Hacha. On the arrival of the St. Louis at Curaçoa, Mr. Danies, United States consul at Rio Hacha, who had fled from his consulate for safety, complained to Commander Poor of the treatment he had received from the revolutionary troops of New Granada. Commander Poor promptly gave him a passage in the St. Louis to Rio Hacha, and on arriving at that port proceeded to investigate the causes of the difficulty, demanded an explanation of the indignities offered to the American flag, and required that the flag should be hoisted at the flag-staff of the consulate, and saluted by the troops. It was accordingly done. The treatment received from the troops by Mr. Danies having

resulted principally from his individual acts, and not from those of an official character, Commander Poor remonstrated and proceeded no further. Leaving the consulate in charge of Mr. Meyers, he sailed, September 18, for Pensacola, and thence to Vera Cruz.

The *Saratoga* has been stationed most of the time before Vera Cruz. In March she captured the steamers *Miramón* and the *Marques de la Habana*, which had been purchased by *Miramón* for the siege of Vera Cruz. A full report of the capture was made to Congress at its last session. She returned to Philadelphia in June, and was put out of commission.

In the month of June, Lieutenant Commanding Maffitt, of the *Crusader*, rescued the French bark *Solide*, with 450 coolies aboard, from her perilous condition on the rocks of Cay Verde, for which he received the thanks of the French government.

In July, Lieutenant Commanding Craven, of the *Mohawk*, endeavored to save the Spanish brig *Bella*, which was wrecked on Ginger Cay, and afterwards took her passengers, crew, and part of her cargo into Matanzas, for which he received the thanks of the Captain General of Cuba and other Spanish authorities.

The capture of five slavers, and the rescue of 1,603 Africans on board of them, are due to this squadron—to that part of it employed on the coast of Cuba.

The BRAZIL SQUADRON, under the command of Flag Officer Joshua R. Sands, has consisted of the frigate *Congress*, (the flag ship,) Captain Louis M. Goldsborough, the steam sloop *Seminole*, Commander George A. Prentiss, succeeded by Commander E. R. Thomson, the brig *Dolphin*, Commander Charles Steedman, brig *Perry*, Lieutenant Commanding Richard L. Tilghman, brig *Bainbridge*, Lieutenant Commanding Maxwell Woodhull, and the steamer *Pulaski*, Lieutenant Commanding William H. Macomb. The *Perry* returned home in June, and the *Bainbridge* in November. The *Dolphin* has been ordered home. The *Seminole* sailed from Norfolk for the station July 16.

The vessels of this squadron have visited the principal commercial ports on the coast and in the waters of the *La Plata*, and have given effectual protection to our countrymen and their interests.

In the month of June, Flag Officer Sands, in the United States steamer *Pulaski*, proceeded from Maldonado to Buenos Ayres, and with Consul Hudson passed up the Uruguay to Conception, the port of St. José, the residence of General Urquiza, by whom they were most cordially welcomed. Returning, Flag Officer Sands tendered to General Urquiza, his staff, escort, and servants, forty persons in number, a conveyance to Buenos Ayres. Near the mouth of the river they were joined by General Durkee, the President of the Confederation, and all the foreign ministers, including the United States minister, General Cushman. After participating in the grand demonstrations made on the return of the province of Buenos Ayres to the Great Confederation, Flag Officer Sands proceeded with the *Pulaski* to Maldonado and rejoined the Congress.

The MEDITERRANEAN SQUADRON is commanded by Flag Officer Charles H. Bell. In the course of the year the steam frigate *Wabash*, Captain

Samuel Barron; the sloop-of-war Macedonian, Captain U. P. Levy; the steam sloop Susquehanna, Captain George N. Hollins; the Richmond, Captain Duncan N. Ingraham, and the Iroquois, Commander James S. Palmer, have been attached to it. In December, 1859, Flag Officer Lavallette returned with the Wabash to New York. Captain U. P. Levy was left the senior officer present, and on the 21st of February, by order of the department, assumed command as flag officer of the squadron. The Macedonian returned to the United States in July. The Iroquois sailed from New York January 19, the Susquehanna August 24, and the Richmond from Norfolk October 13. The Susquehanna was ordered to Vera Cruz, and temporarily attached to the Home squadron. She sailed for the Mediterranean in the latter part of October.

The Iroquois, in February, visited Tetuan and Tangier, on the coast of Morocco. She thence proceeded to the coasts of Italy and Sicily, where she has since been employed. During the bombardment of Palermo she afforded protection to American citizens at that port.

The store ship Release, Lieutenant Commanding J. M. Frailey, sailed from Boston in October for the Mediterranean, with stores for the squadron and contributions for the sufferers in Syria. Instructions were given that these charitable contributions should be sent from Spezia to Beirut by the Release or by one of the steamers of the squadron which had been ordered to the coast of Syria.

The AFRICAN SQUADRON, under the command of Flag Officer William Inman, has consisted of the steam sloop San Jacinto, Captain W. M. Armstrong, now commanded by Captain T. A. Dornin; the sloop-of-war Constellation, Captain J. S. Nicholas; sloop-of-war Portsmouth, Commander John Colhoun; sloop-of-war Vincennes, Commander Benjamin J. Totten; sloop-of-war Marion, Commander Thomas W. Brent; steam sloop Mohican, Commander Sylvanus W. Godon; sloop-of-war Saratoga, Commander Alfred Taylor; the steamer Sumter, Lieutenant Commanding James F. Armstrong, and the steamer Mystic, Lieutenant Commanding William E. LeRoy. The Vincennes returned to the United States in March, and the Marion in October. The Mohican sailed from New York January 19 to join the squadron, and the Saratoga from Philadelphia November 15.

The vessels of this squadron have been actively employed, and, for most of the time, near the Congo river, where the slave trade is principally carried on. The Department has restricted the cruising limits to the 20th parallel of north latitude, instead of the Island of Madeira, in latitude north 32° 30', to which they previously extended.

The removal of the naval depot from Porto Praya, in latitude north fifteen degrees, to St. Paul de Loando, in latitude south eight degrees, has proved highly advantageous. Every desirable concession was made by the government of Angola for the establishment of the depot at St. Paul. All stores for the squadron are admitted duty free, while at Porto Praya a duty of four per cent. was exacted. A lease was obtained upon reasonable terms, and the buildings repaired by persons attached to the ships. The removal of the depot to this place has rendered the squadron more efficient for all the purposes for which it is maintained on the African coast.

The San Jacinto was sent to Cadiz to be docked and repaired, and was there from March until June. The work was executed well and economically. Every facility that the government yard and docks at the naval arsenal near Cadiz could afford was courteously extended by the captain general of marine.

The American bark Orion was captured by the British steamer Pluto, in the fall of 1859, near the Congo, with about 800 Africans on board, and taken to St. Helena. Under the tenth article of the treaty between the United States and Great Britain, Flag Officer Inman applied to the governor of St. Helena to deliver the captain, officers, and crew to Lieutenant Wm. E. LeRoy, commanding the Mystic. Thomas Morgan, captain, and William Denning and Bryson J. Chamberlain, mates, of the Orion, were accordingly surrendered, taken to St. Paul on the Mystic, transferred to the Vincennes, and on her return conveyed to Boston for trial.

In March, 1860, Commander Brent, commanding the sloop-of-war Marion, was instrumental in saving from destruction the property of American residents at Kisenbo, on the west coast of Africa. On the first of the month they applied to him to send a sufficient force on shore to guard their factories, apprehending they would be destroyed by the natives, who meditated an attack on the Portuguese at that place. Commander Brent promptly responded to the call, proceeded on shore with several of the officers of the Marion and forty sailors and marines, established a guard at the factories, maintained it until the next morning, and then returned to the ship. On the 3d a signal was made from the shore for assistance, and Commander Brent immediately landed a force of fifty sailors and marines, with a howitzer and small arms. During the day the Portuguese and natives were engaged in conflict, and several attempts were made by the natives to approach the factories to fire them, but were thwarted by the guard under Commander Brent. The next morning the detachment returned to the ship, as no further danger was apprehended. Commander Brent observed a strict neutrality throughout, his only object being the protection of American citizens. The force under his command cooperated with a similar one under Commander Fitzroy, of the British steamer Falcon, who interfered at the request of English residents.

This squadron has captured, during the past year, seven slavers on the African coast, and rescued 1,516 Africans found on board of them.

The PACIFIC SQUADRON, under the command of Flag Officer J. B. Montgomery, has consisted of the steam sloop-of-war Lancaster, the flag ship, Captain John Rudd; the steam sloop Saranac, Captain Robert Ritchie; the sloop-of-war Cyane, Commander Samuel Lockwood; sloop-of-war Levant, Commander William E. Hunt; sloop-of-war St. Mary's, Commander William D. Porter; sloop-of-war Vandalia, Commander Arthur Sinclair; steam frigate Merrimac, Commander Robert B. Hitchcock; steam sloop Wyoming, Commander John K. Mitchell; steam sloop Narragansett, Commander Timothy A. Hunt; store ship Fredonia, Lieutenant Commanding James M. Watson, stationed at Valparaiso, and the store ship Warren, Lieutenant Commanding Junius J. Boyle, stationed at Panama, both the latter ships being armed and provided for defense of American citizens. The Vandalia

returned to the United States in January last, and the Merrimac in February. The steamer Narragansett sailed from Norfolk March 31, arrived at Valparaiso August 4, and proceeded thence to Callao, to Guayaquil, (with Consul Cassanova,) and to Panama.

The Lancaster arrived at Panama December 6, 1859. Early in April she proceeded along the Mexican and Central American coasts, visiting San Juan del Sur, Realejo, La Union, Acapulco, Mazatlan, Guaymas, and La Paz, and in July returned to Panama. In August Flag Officer Montgomery visited, in his flag ship, the port of Callao, at the request of our minister to Peru. In consequence of his unexpected departure, orders from the department to remain before Panama did not reach him until after his arrival at Callao. She remained at Callao until October, when she returned to Panama.

The officers and crew of the Saranac, at the expiration of a two years' cruise, were relieved by others sent to Panama, Captain Ritchie relieving Captain Kelly in the command in November, 1859. From that time until July, 1860, she was on the Central American coast, and then proceeded to the navy-yard at Mare Island for repairs.

The Cyane having been on the coast of Nicaragua for some months, was in January ordered to Panama, and in March to Mare Island for repairs. In June she proceeded to the Gulf of California to supply the place of the St. Mary's.

The Levant sailed in January from Panama for Realejo, and relieved the Saranac. Returning in May she was dispatched to the Sandwich Islands at the request of the Secretary of State to inquire into the expenditure of the fund appropriated for the relief of destitute American seamen. Having performed this duty, Commander Hunt has probably returned with her to Panama.

The Wyoming arrived at Panama, March 27, having touched at Valparaiso, Callao, and Guayaquil. In April she relieved the Levant on the coast of Nicaragua. In May she was dispatched from Panama to Callao with important instructions from the Department of State to the United States minister to Peru.

The St. Mary's was stationed on the western coast of Mexico from October, 1859, until ordered to Panama, where she arrived in July, 1860. At the insurrection in the vicinity of Panama, which occurred September 27, a brisk fire was commenced from the outskirts of the city, killing six and wounding three of the white inhabitants. Commander Porter immediately went on shore, consulted the American consul, and at the request of the military intendente, and of the agent of the railroad, landed a body of sailors and marines, and a field piece, and took possession of the railroad station. On the 28th, the governor delivered up the city to the joint occupancy of the forces from the St. Mary's, and the British ship Clio. Tranquillity having been restored, the detachment on the 7th of October was withdrawn.

Lieutenant Commanding Junius J. Boyle, of the Warren, rendered active service on this occasion.

The EAST INDIA SQUADRON has been commanded by Flag Officer C. K. Stribling, and has comprised the steam sloop-of-war Hartford, (the flag ship,) Captain Charles Lowndes; sloop-of-war Germantown, Commander R. L. Page; steamer Saginaw, Commander James F. Schenck;

steam sloop *Dacotah*, Commander William Radford; and sloop-of-war *John Adams*, Commander John M. Berrien. The sloop-of-war *Vandalia*, Commander S. Phillips Lee, is about to sail from New York for this station. The *John Adams* sailed from Norfolk June 1, 1859, and, after many delays, arrived at Hong Kong April 28, 1860. The *Saginaw* sailed from San Francisco March 8, and arrived at Shanghai May 12. The *Dacotah* sailed from Norfolk June 30, and has probably arrived on the station. The *Germantown* returned to the United States in April.

The *Hartford*, in November, 1859, received our minister, Mr. Ward, on board, conveyed him to Canton, returned with him to Hong Kong, then conveyed him to Manilla, and in January returned with him to Hong Kong. Flag Officer Stribling represents their visit to Manilla as beneficial to our commercial interests there, and as rendered very agreeable by the attentions of the governor and captain general and other officials of the government. He reports that our commerce and our countrymen residing at Manilla and in the Philippine Islands are fully protected by the local authorities of Spain, and that in no part of the world are they on a better footing. In April, the *Hartford* with Mr. Ward visited Swatau, a port just opened to foreign commerce by our treaty with China. As there had been some difficulty at Swatau among the Chinese, the visit was well timed and was deemed beneficial to our commerce. In May she left Hong Kong for Shanghai, touching at Amoy, and in July conveyed Mr. Ward to the Gulf of Pechele, and, touching at various places, returned to Shanghai the latter part of August.

The *John Adams*, in May, was dispatched by Flag Officer Stribling to Fouchou, to remain there until further orders. Commander Berrien reported, June 25, that a fight was then going on between the Canton and the Chinchew men, and that, at the request of Consul Gouverneur, he had sent up an armed boat, and was preparing another to leave with the next flood tide, for the purpose of protecting our countrymen and other foreign residents.

JAPANESE EMBASSY.

When the Japanese government first determined to send an embassy to a civilized power, the United States were selected to receive it, and orders were given by this Department to Flag Officer Tattnall, of the East India squadron, to afford it a passage in one of the ships of the squadron. Accordingly, the steam frigate *Powhattan*, Captain George F. Pearson, bearing Flag Officer Tattnall on his return home, received the embassy on board, consisting of seventy-two persons, and set sail from Yeddo on the 13th of February, 1860. Having touched at Honolulu, they arrived at San Francisco on the 29th of March. Leaving San Francisco on the 11th of April, they arrived at Panama on the 24th, and the next day were transported across the Isthmus. The steam frigate *Roanoke*, the flag ship of Flag Officer McCluney, of the home squadron, having been designated to convey them from Aspinwall to the United States, received them on board on the 25th of April, and on the 13th of May at Hampton Roads transferred them

to the chartered steamer Philadelphia, which the next day landed them in Washington.

The United States steam frigate Niagara, Captain W. W. McKean, was detailed to receive the embassy at Panama on their return home and convey them across the Pacific to Japan, but some of her machinery failing after she had been a short time at sea, she returned to the port of New York, and was afterwards detailed to convey them home by way of the Cape of Good Hope. Embarking on board that vessel on the 29th June, they put to sea the next day, and in August had reached St. Paul de Loando, having thus far had a prosperous and agreeable voyage.

The visit of the Japanese embassy to the United States was preceded by the Japanese war steamer Kandinamarrah, sent by the government of Japan to signalize their approach. She arrived at San Francisco on the 17th of March, and proceeded soon afterwards to the navy-yard at Mare Island for repairs. Captain Cunningham, anticipating the wishes of the Department, promptly gave her every facility the yard afforded. The admiral, captain, officers, and crew were appropriately and comfortably quartered in the public buildings until the Kandinamarrah was repaired and ready again for their reception. The admiral expressed himself highly gratified, and tendered payment of the expenses, which Captain Cunningham, however, declined to receive. The Kandinamarrah left the navy-yard for San Francisco on the 1st of May, and soon afterwards departed for Japan.

EXPLORATIONS.

The act of Congress of June 22, 1860, authorized the President to send some competent person or persons to the Isthmus of Chiriqui, to examine and report upon the quality and probable quantity of coal to be found on the lands of the Chiriqui Improvement Company; the character of the harbors of Chiriqui Lagoon and Golfito; the practicability of building a railroad across said Isthmus, so as to connect said harbors; and generally as to the value of the privileges contracted for in the conditional contract of May 21, 1859, made by Ambrose W. Thompson and said company with the Navy Department. An expedition was accordingly organized under the command of Captain Frederick Engle of the Navy. The hydrographical part of the work was assigned to Lieutenant William N. Jeffers, of the United States Navy, the topographical to Lieutenant James St. Clair Morton, of the United States Topographical Engineers, and the geological to Dr. John Evans, an eminent geologist. Thus organized, the expedition set sail from Norfolk in the United States war steamer Brooklyn August 13, and on the 23d arrived at the Chiriqui Lagoon.

The expedition has just returned to Norfolk. I transmit herewith preliminary reports from Captain Engle, Lieutenants Jeffers and Morton, and Dr. Evans. These reports show that the harbors on both sides of the Isthmus of Chiriqui are unsurpassed; that in the opinion of Lieutenant Morton "it is entirely practicable to connect the harbors by a line of railroad adapted to commercial purposes;" and that the coal found there is of excellent quality, and the supply inexhausti-

ble. Complete reports from all these officers can be transmitted to Congress in a few days. I cannot withhold from them the highest commendation of the department for the zeal and energy with which they have executed their respective duties.

The exploration of the Parana and of the tributaries of the Paraguay under the command of Commander Thomas J. Page, has probably been completed. He had reached Uruquayana in August last. It was his intention to extend the exploration in the Uruguay as far as the high water of September and October would allow, which was all that remained to be accomplished by the expedition. The men are expected to return home in the Dolphin. Lieutenants McGary and Chandler have already arrived.

Commander John Rodgers, in his report of the progress and condition of the work under his charge on the results of the North Pacific and Bhering's Straits Expedition, has given a list of the charts in the engravers' hands; of those reduced for engraving; those in progress of reduction; those ready for reduction; those to be prepared for the engraver; and of those already engraved and published. There will be required to finish the work the sum of \$11,672; and an estimate for that purpose has accordingly been submitted.

Captain Cadwalader Ringgold commanded this expedition from the time of its departure from Norfolk in June, 1853, to August, 1854, when he was succeeded by Commander Rodgers. In April, 1859, I ordered Captain Ringgold to the duty of preparing his report. He has brought the results as near completion as circumstances would permit. There being no appropriation for this object, he was not authorized to employ assistance or incur any incidental expenses. Memorials have been presented to Congress from merchants and others interested in navigation, praying that the charts of Captain Ringgold may be published. It is estimated that to prepare and publish them will require the sum of \$7,700, which I think should be appropriated for that purpose.

Lieutenant James M. Gilliss, the conductor of the astronomical expedition to Chili, has reported the progress of the work during the past year. In the first place a revision has been made of all the observations to determine the longitude of the observatory at Santiago, and the results have been tabulated, and are ready for the printer. This revision conclusively establishes the fact that Valparaiso, and probably the whole coast of Chili, as laid down on the best charts, (those of the British admiralty) are four and four-fifth miles too far to the west; an error of much importance to navigators.

Second. The mathematical processes for the reduction of all the meridian circle observations have been perfected and incorporated in the introduction for volumes four and five. The introduction is ready for the press. The necessary preparation for the reduction of these observations was attended with great labor. The task has been at length satisfactorily completed by two distinct methods of investigation, and the results tabulated.

Third. The refractions and corrections to mean places of all the time and azimuth stars have been completed, and that portion of the work on 200 sheets perfected.

The first, second, third, and sixth volumes of the results of the expedition have been published; the fourth will be ready for printing during the present winter; the fifth at the close of the ensuing autumn, when the work will be completed.

Lieutenant John M. Brooke, having arrived on the 13th of August, 1859, at Kanagawa bay, off Yokohama, in the Island of Japan, was interrupted in the further prosecution of the survey of the route between San Francisco and China. On the 23d of that month occurred a severe cyclone, which caused the Fenimore Cooper to drag her anchors and strike repeatedly, so that to avoid her loss and save the lives of her crew she was obliged to be run ashore. Every assistance was offered by Commodore Popoff, of the Russian squadron, to repair and refit her. But in removing the ballast, her timbers were found so decayed that all hopes of repairing her were abandoned. Her stores, with the instruments, maps, and surveys, were most of them saved, and Lieutenant Brooke, with part of the crew, at the request of the Japanese government, returned to San Francisco in the Japanese war steamer Kandinamarrah, to aid the captain of that vessel in navigating her across the Pacific. Lieutenant Brooke began in July last to prepare his report. The meridian differences between San Francisco, Honolulu, Guam, Hong Kong, Loochoo, and Kanagawa, primary stations in the survey, have been determined with excellent results. Observations determining intermediate points, reefs, shoals, and coast lines, are in process of reduction. The meteorological observations have been reduced. The deep-sea soundings are under discussion. The specimens obtained from depths of 12,000 to 19,800 feet are under examination by eminent microscopists, with results of great interest. The plotting of the work and the report upon the results, embracing determinations of final positions of reefs, shoals, and islands, surveys of portions of the coast of Japan, courses of storms, and routes to be preferred, remain to be completed.

I refer to the accompanying reports of the bureaus for the condition of the respective branches of the service committed to their particular charge.

For the support of the Navy and Marine Corps, and for all other objects under the control of the Navy Department, for the fiscal year ending June 30, 1858, the expenditures were \$13,870,684 76; for the fiscal year ending June 30, 1859, \$14,659,267 76; and for the fiscal year ending June 30, 1860, \$11,675,222 43.

For the fiscal year ending June 30, 1861, the estimates were \$11,244,845 63. Congress having by the act of June 1, 1860, increased the pay of the officers of the Navy, a further estimate was submitted to meet this increase of \$471,910 32, so that the total estimate for 1861 was \$11,716,755 95. The appropriations by the naval appropriation act of June 22, 1860, were \$10,400,129 90.

The estimates for the fiscal year ending June 30, 1862, are \$11,513,904 01, that is to say:

| | |
|----------------------------|-----------------|
| For the Navy proper..... | \$10,163,477 00 |
| For the Marine Corps..... | 667,570 05 |
| For all other objects..... | 682,856 96 |

I have the honor to be, very respectfully, your obedient servant,
ISAAC TOUCEY,
Secretary of the Navy.

The PRESIDENT OF THE UNITED STATES.

List of papers accompanying the Annual Report of the Secretary of the Navy, December 1, 1860.

- A.—List of deaths, resignations, and dismissions since the last annual report.
- B.—Report of the board of officers appointed to witness the examination of acting midshipmen, and to examine into the state of the police, discipline, and general management of the Naval Academy, Annapolis.
- C.—Report of the summer's cruise of the practice-ship Plymouth, Commander T. T. Craven.
- D.—Report of the board of officers appointed to examine the sailing vessels of the Navy, in order to determine the expediency of converting them into efficient war steamers.
- E.—Preliminary reports of Captain Frederick Engle, chief; Lieutenant William A. Jeffers, hydrographer; Lieutenant James St. Clair Morton, topographer; and Dr. John Evans, geologist of the Chiriqui surveying expedition.
- F.—Report of Captain Cadwalader Ringgold of the progress made in reducing the notes, surveys, &c., made under his direction whilst in command of the North Pacific and Behring's Straits expedition.
- G.—Report of Commander John Rodgers of the progress made during the year, and the present condition, &c., of the work, of the North Pacific and Behring's Straits expedition under his charge.
- H.—Report of Lieutenant James M. Gilliss, conductor of the late astronomical expedition to Chili, of the progress made during the year, and present condition, &c., of the work under his charge.
- I.—Report of Lieutenant John M. Brooke of the progress made in preparing his report of the survey of the route from San Francisco to China.
- No. 1. Estimates of the office of the Secretary of the Navy and the Southwest Executive building.
- No. 2. Report and detailed estimates, &c., of the Bureau of Yards and Docks.
- No. 3. Report and detailed estimates, &c.; of the Bureau of Ordnance and Hydrography.
- No. 4. Report and detailed estimates, &c., of the Bureau of Construction, Equipment, and Repairs.
- No. 5. Report and detailed estimates, &c., of the Bureau of Provisions and Clothing.
- No. 6. Report and detailed estimates, &c., of the Bureau of Medicine and Surgery.
- No. 7. Report of the commandant of the Marine Corps and detailed estimates of the paymaster and quartermaster of the corps.
- No. 8. General estimate, (civil,) of the Secretary's office and bureaus of the Navy Department.

- No. 9. General estimate of the Southwest Executive building.
- No. 10. Summary of Navy estimates.
- No. 11. General estimate, Navy proper.
- No. 12. General estimate, Marine Corps.
- No. 13. General estimate, special objects under control of the department.
- No. 14. Comptroller's statement of Navy appropriations, expenditures, and balances.
- No. 15. Abstract of expenditures, under the head of "contingent expenses of the Navy," as settled and allowed at the office of the Fourth Auditor of the Treasury, from July 1, 1858, to June 30, 1859.

A.

List of deaths in the Navy, as ascertained at the Department, since December 1, 1859.

| Name and rank. | Date. | Place. |
|----------------------------------|----------------|----------------------------------|
| <i>Captains.</i> | | |
| Horace B. Sawyer | Feb. 14, 1860 | Washington, D. C. |
| David Geisinger | Mar. 5, 1860 | Philadelphia. |
| Henry W. Ogden | Aug. 25, 1860 | New York. |
| James Mc. McIntosh | Sept. 1, 1860 | Navy-yard, Warrington, Florida. |
| Charles Wm. Skinner | Oct. 14, 1860 | Staunton, Virginia. |
| <i>Commanders.</i> | | |
| Timothy G. Benham..... | June 17, 1860 | Staten Island, New York. |
| John L. Saunders..... | Oct. 26, 1860 | Norfolk, Virginia. |
| <i>Lieutenants.</i> | | |
| W. A. C. Farragut | Dec. 20, 1859 | New Orleans, Louisiana. |
| Allen T. Byrens..... | Feb. 14, 1860 | Hospital, Warrington, Florida. |
| Calvin F. Thomas | Feb. 18, 1860 | Buffalo, New York. |
| Andrew F. V. Gray..... | Mar. 15, 1860 | Near Havana, Cuba. |
| Thomas Roney..... | April 20, 1860 | Off Kabenda, coast of Africa |
| George P. Welsh..... | April 26, 1860 | Frigate Sabine, off Aspinwall. |
| James B. McCauley..... | May 30, 1860 | Camden, New Jersey. |
| John P. Parker..... | June 7, 1860 | Somerville, Massachusetts. |
| Thomas T. Houston | June 26, 1860 | Naples, Italy. |
| George Hurst..... | July 9, 1860 | Meadville, Pennsylvania. |
| Mayo C. Watkins..... | Sept. 19, 1860 | Near Apulco, Mexico. |
| John Hall..... | Sept. 29, 1860 | Philadelphia. |
| James H. Moore | Oct. 18, 1860 | Lima, Pennsylvania. |
| John T. Barrand | Oct. 29, 1860 | Norfolk, Virginia. |
| <i>Surgeon.</i> | | |
| Samuel R. Addison..... | Aug. 28, 1860 | Chelsea Hospital, Massachusetts. |
| <i>Passed Assistant Surgeon.</i> | | |
| H. Clay Caldwell..... | Dec. 1, 1859 | Lewisburg, Virginia. |
| <i>Paymasters.</i> | | |
| Samuel Forrest..... | Mar. 15, 1860 | Staunton, Virginia. |
| John F. Steele..... | July 20, 1860 | Leacock Township, Pennsylvania. |
| <i>Master.</i> | | |
| Michael Clear | Mar. 28, 1853 | Greenwich, Connecticut. |
| <i>Acting Midshipmen.</i> | | |
| Benjamin F. Perry..... | July 3, 1860 | Greenville, South Carolina. |
| Odillen B. Hobbs..... | Oct. 1, 1860 | Ipswich, Connecticut. |
| Samuel Swift..... | Nov. 28, 1860 | Philadelphia. |
| <i>Gunners.</i> | | |
| Richard N. Peake..... | Jan. 31, 1860 | Cheshire, Connecticut. |
| Samuel G. City | Sept. 5, 1860 | Portsmouth, Virginia. |

A—Continued.

| Name and rank. | Date. | Place. |
|-------------------------|---------------|----------------------|
| <i>Carpenter.</i> | | |
| Edward A. Cassidy | July 19, 1860 | Baltimore, Maryland. |
| <i>Sailmakers.</i> | | |
| Stephen G. King | Jan. 18, 1860 | New York. |
| William B. Fugitt | Mar. 28, 1860 | New York. |
| <i>Civil Engineer.</i> | | |
| Daniel Turner | July 21, 1860 | San Francisco. |

List of resignations in the Navy since December 1, 1859.

| Name and rank. | Date of resignations. |
|----------------------------------|-----------------------|
| <i>Lieutenants.</i> | |
| Richard M. Cuyler | December 20, 1859. |
| Alexander W. Habersham | February 13, 1860. |
| William W. Roberts | May 19, 1860. |
| Charles E. Thorburn | July 17, 1860. |
| Æneas Armstrong | November 21, 1860. |
| <i>Passed Assistant Surgeon.</i> | |
| John Vansant | June 22, 1860. |
| <i>Assistant Surgeons.</i> | |
| J. E. Sample | May 4, 1860. |
| H. B. Trist | July 2, 1860. |
| <i>Midshipmen.</i> | |
| George Strong Storrs | March 6, 1860. |
| Edward G. Furber | August 25, 1860. |
| S. B. Paddock | November 26, 1860. |
| <i>Acting Midshipmen.</i> | |
| F. Eppes | December 15, 1859. |
| John Nurre | December 24, 1859. |
| George E. Ford | January 3, 1860. |
| Charles S. Whitman | January 3, 1860. |
| Thomas D. Baird | January 12, 1860. |
| William W. Cook | January 20, 1860. |
| William H. Winslow | January 20, 1860. |
| William H. Harrison | February 7, 1860. |
| P. Jones Yorke | March 1, 1860. |

A—Continued.

| Name and rank. | Date of resignations. |
|-----------------------------------|-----------------------|
| George H. Howard..... | March 6, 1860. |
| Thomas Q. Munce..... | March 10, 1860. |
| Charles St. J. Huston..... | March 10, 1860. |
| Samuel S. Hiatt..... | March 10, 1860. |
| James A. Dick..... | March 12, 1860. |
| U. P. McKenney..... | April 7, 1860. |
| T. W. Hooper..... | May 18, 1860. |
| Charles J. Smyser..... | May 24, 1860. |
| David Barnum..... | October 5, 1860. |
| Henry C. Tallman..... | October 6, 1860. |
| Thomas T. Turner..... | October 6, 1860. |
| Charles D. Jones..... | October 13, 1860. |
| Sylvanus Backus..... | October 13, 1860. |
| E. C. Merriman..... | November 7, 1860. |
| Benjamin F. Day..... | November 24, 1860. |
| William S. Moon..... | November 30, 1860. |
| Francis M. Thomas..... | November 30, 1860. |
| <i>Acting Boatswain.</i> | |
| Philip Miller..... | April 19, 1860. |
| <i>Carpenter.</i> | |
| Joseph R. Smith..... | February 21, 1860. |
| <i>Third Assistant Engineers.</i> | |
| George P. Houston..... | January 28, 1860. |
| J. H. Warrington..... | February 1, 1860. |
| C. A. Chipley..... | April 28, 1860. |
| William L. Phillips..... | July 6, 1860. |
| John E. McKay..... | July 7, 1860. |
| John L. Plumly..... | August 29, 1860. |
| E. S. Baynton..... | October 15, 1860. |
| Edward R. Archer..... | November 3, 1860. |

List of dismissions in the Navy since December 1, 1859.

| Name and rank. | Date of dismission. |
|---------------------------|---------------------|
| <i>Lieutenant.</i> | |
| Robert C. Duvall..... | December 12, 1859. |
| <i>Acting Midshipmen.</i> | |
| A. D. Gedney..... | January 12, 1860. |
| T. H. Crandall..... | July 5, 1860. |
| R. E. Morey..... | July 5, 1860. |
| A. H. Lenox..... | October 12, 1860. |

REPORT OF THE

A—Continued.

| Name and rank. | Date of dismissal. |
|----------------------------------|--------------------|
| <i>Gunners.</i> | |
| William Allen..... | March 3, 1860. |
| R. McMillan, (acting)..... | May 25, 1860. |
| <i>Carpenter.</i> | |
| George H. Jarvis, (acting)..... | December 28, 1859. |
| <i>Third Assistant Engineer.</i> | |
| W. P. Burrow | May 17, 1860. |

B.

NAVAL ACADEMY,
Annapolis, Maryland, June 16, 1860.

SIR: The board appointed by your order of the 19th ultimo to witness the examination of the several classes of acting midshipmen, and to examine into the state of the police, discipline, and general management of the Naval Academy, have performed those duties, and beg leave to submit the following report:

The first, second, and third classes of acting midshipmen were examined in presence of the board, and made a most gratifying exhibition of their academic acquirements, and also in the practical exercises of gunnery, field artillery, infantry tactics, and the broad and small swords. By order of the department, the fourth class had been examined before the day appointed for the meeting of the board, to hasten the departure of the practice-ship for Norfolk, to receive some necessary repairs before sailing on her annual cruise.

In the examination of the three classes which appeared before them the board observed with pleasure the progressive advancement in professional acquirements from the lower to the higher classes, and were most favorably impressed by the marked proficiency of the members of the first class. The twenty-five young gentlemen composing this class will leave the institution with the ground work of professional educations that give promise of great future usefulness to the Navy and the country. The exercises of the infantry and light artillery drills, of the great guns in battery, the boat-gun, and the broad and small swords, were highly creditable to the young gentlemen, and gave evidence of careful training on the part of the instructors. The board were also pleased to find that so much attention had been given to the useful art of drawing and draughting. The specimens exhibited indicate a high degree of skill on the part of many of the acting midshipmen. The discipline of the institution and its system of police were points of special examination by the board, and it gives them pleasure to state that these vital elements of the life of the establishment have been most carefully and successfully guarded and preserved.

The records of the Academy show that there has been a gradual diminution in the number of those found deficient at the examinations, since 1855. In that year it was 23 per cent. of the whole number at the Academy; in 1856, 19½ per cent.; in 1857, 18½ per cent.; in 1858, 15½ per cent.; in 1859, 14½ per cent., and for the first half of 1860, 10 per cent. The board made careful inspections of the ground, public buildings, and apparatus of the Academy, and found them in excellent order and well adapted to an institution of this character. The improvement projected several years ago of removing from the center of the inclosure a number of buildings thrown much out of place by an extension of the grounds by purchase is nearly completed and adds greatly to the available area for the infantry exercises, as well as presenting a most favorable change in the positions of the buildings and the general appearance of the Academy. The board

inspected the practice-ship Plymouth before she sailed for Norfolk, and fully approve all the internal arrangements that have been made for the accommodation and instruction of the acting midshipmen. The plan of keeping a ship permanently attached to the Academy as a home for the fourth class is a new feature in its progressive organization, and the board are of opinion that it will prove a valuable addition to the means of instruction as well as accommodation. In order that the experiment may have a fair test, it is important that a larger ship than the Plymouth should be employed in the service. It is not only necessary that she should have ample room to accommodate the officers, acting midshipmen, and a small crew, with sleeping and messing apartments, but she must be provided with study and recitation rooms, to accommodate all the sections of the class and to prevent all possibility of discomfort and consequent discontent on the part of the students. For this purpose a frigate with a light spar-deck would, in the opinion of the board, be a suitable vessel, and they strongly recommend that such a vessel be provided for the reception of the class to join the Academy in September next. The superintendent has called the attention of the board to the insecure condition of the wooden structure covering the gun-battery and magazine. The board does not deem it necessary to say more than that this defect should be remedied as soon as practicable. The idea of insecurity connected with a building of this character need not be amplified to give it force and importance. A few thousand dollars will erect a permanent and secure structure. In conclusion, the board desire to record their high appreciation of the services of the superintendent and his subordinates. The institution has prospered in their hands, and promises to the Navy a high standard of general and professional knowledge.

The board having now completed the duties required by your instructions will adjourn *sine die*.

We have the honor to be, very respectfully, your obedient servants,

E. A. F. LAVALETTE, *President*.

WILLIAM M. GLENDY, *Captain*.

CADWALADER RINGGOLD,
Captain.

CICERO PRICE, *Commander*.

WILLIAM ROGERS TAYLOR,
Commander.

Hon. ISAAC TOUCEY,
Secretary of the Navy, Washington.

C.

NAVAL ACADEMY,
Annapolis, Md., October 4, 1860.

SIR: I would respectfully report that the acting midshipmen, 115 in number, were disenbarked from the Plymouth, in excellent health, on the 29th ultimo, and are again prosecuting their studies at the Acad-

emy. I forward herewith a copy of Commander Craven's report of the cruise, and would add that I am quite satisfied that the important service confided to him has been most ably executed, and that he had the zealous coöperation of the officers of his command.

It will be seen by the report that the great value of the school-ship, a feature of the Academy recently added by the department, is very manifest. I beg to call the attention of the department to the very satisfactory trials, made during the cruise, of the boat-detaching apparatus invented by Lieutenant Hunter Davidson. In my opinion there can be no doubt of the value of that invention.

I have the honor to be, very respectfully,

G. S. BLAKE,
Superintendent.

Hon. ISAAC TOUCEY,
Secretary of the Navy, Washington, D. C.

UNITED STATES PRACTICE-SHIP PLYMOUTH,
Off. Annapolis, September 30, 1860.

SIR: The practice-ship has returned from her summer cruise, and in obedience to your order, I have the honor to make the following detailed report:

Immediately upon the receipt of your order of the 20th of June, I proceeded to Norfolk, where I found Lieutenant Simpson had made considerable progress toward preparing the ship for sea, and on the 23d, at sunset, with the exception of a few men to fill up her complement of crew, and the absence of a surgeon, the Plymouth was ready to proceed on her cruise. On the 27th of June, Assistant Surgeon Van Bibber reported for duty, and though we were still short a few hands, I at once put to sea, and proceeded first to the Azores, and arrived at the island of Fayal on the 17th of July. On the next day, in the evening, we sailed for Cadiz, where we arrived on the 1st of August, and had the mortification of being—as we had been on our visit at the same place but a year previously—put in quarantine. On the next day, finding that the health officers were doggedly indisposed even to answer my question of “how long this prohibition of intercourse with the shore was to continue?” I got underway, and being compelled by a strong “levanter,” which was then blowing, to abandon our contemplated visit to Gibraltar, proceeded to Madeira, and anchored off Funchal on the 3d of August; remained there three days, and left for Santa Cruz, in the island of Teneriffe, where we arrived early on the morning of the 10th of August. In the evening of the same day we took our departure for the Chesapeake, and on the 3d of this month anchored in Hampton Roads. So soon as the acting midshipmen were embarked, they were put in watches, stationed at quarters, and for performing the several evolutions of tacking and wearing, making and taking in sail, &c.; and, as heretofore, one watch was always required to be on deck and assist the crew in working the ship. As in former cruises, I essayed to teach the acting midshipmen the

use of the marling spike; but the third class had been so thoroughly drilled during the last academic year on board the school-ship, that I found there was nothing required but practice to make them masters of this very necessary art. Consequently there was more time afforded us to bestow upon other branches of their profession, and I was enabled at an earlier period of the cruise to place the young gentlemen of the first class in charge of the deck, requiring them when so occupied to perform all the duties of lieutenants in charge of the watch. In navigation, under the charge of Lieutenant Buckner, the first class has been carefully instructed in the adjustments and use of the sextant. They have all made the following observations, and worked out their results daily: Time sights for finding the longitude by chronometer; azimuths of the sun for determining the variations of the compass; meridian altitudes, and altitudes near noon of the sun for latitude; and kept the "dead reckoning." They have also been well taught in observing time sights by the moon and stars; in ascertaining the longitude by Summers' method, and by lunar distances working out the latter by Chauvenel's, and the first and second methods—Bowditch; in determining latitude by double altitudes, and by altitude of Pole star.

They had so soon become familiar with their work that I was enabled, in a short month after leaving the Chesapeake, to call upon any member of the class to take observations for latitude or longitude, either by the sun, moon, or stars, and to feel withal the most perfect confidence in the correctness of their work. The first class navigated the ship from Teneriffe to Cape Henry, and have given the most satisfactory evidence of their proficiency. Besides the foregoing, they have been instructed in the method of measuring the height of mountains, &c., and in the practical application of the "three point problem," as applied to finding the ship's position on a harbor chart. They have rated the chronometers, using the natural horizon; and, while we were anchored off the Patuxent, Lieutenant Buckner availed himself of some leisure moments to give them an introductory step in surveying—measuring the angles, and running lines of soundings for an outline sketch of the river's mouth. Under the same excellent teacher they have been well drilled in passing nippers, and in the management of chain cables and anchors. Owing to the increased numbers of the first class over that of former years, and to the fact that eight of its members were placed under his charge to review their astronomy, Lieutenant Buckner had but little spare time to devote to the instruction of the third class; nevertheless, before our arrival at Fayal, they could work out, satisfactorily, the "dead reckoning," and have since become expert in plain, middle latitude, and traverse sailing, and many of them have acquired skill in the use of the sextant. Every available occasion has been taken advantage of in teaching the young gentlemen practical seamanship; and, since our arrival in the Chesapeake, not a moment has been lost in exercising them in this most important branch of their profession. Each one of the first class has been required to take charge of the deck, and get the ship under way, or bring her to an anchor; and, while under way, they have been carefully taught, by myself, assisted by the lieutenants of the ship, in the various

methods of tacking, wearing, box-hauling, and chapeling; also, how to tack or box-haul a ship in a supposed case of danger without the use of the rudder in getting under way. They have been taught, practically, how to cast and avoid dangers in getting under way; dangers close aboard, on each beam and astern; how to get under way when riding to tide with the wind on the bow; to cast against the wind, so as to bring it on the opposite bow; to get under way when riding to tide with wind free, or on the quarter, and come at once by the wind; in getting under way and making stern board, to avoid dangers on each beam; to get under way and casting short round on her heel, &c.

During a pretty smart gale, which occurred on the 13th instant, one of our topsails was split. This occasion was taken advantage of to practice the acting midshipmen in shifting topsails; and, while at anchor in the Patuxent, another fresh blow afforded the opportunity for practicing them at sending down royal, top-gallant, and topsail yards; sending down top-gallant masts, and striking topmasts; getting off and on caps and cross-trees, &c. The young gentlemen have also been taught, practically, how to carry out a heavy anchor between two boats, and to heave the ship off after she had "taken the ground." For their instruction, on the 28th instant, then anchored off Thomas Point, an anchor, weighing more than 5,000 pounds, with fifteen fathoms of $1\frac{1}{4}$ -inch chain cable attached to it, was carried out between our two quarter boats, and planted fifty fathoms from the ship; then forty-five fathoms of the same cable were hauled out under the same two boats, and shackled to the fifteen fathoms already out, thus showing the ease with which heavy anchors can be transported at any distance from the ship, and made available in case of necessity for heaving her afloat. In short, sir, they have been instructed in every branch of seamanship, from heaving the lead, steering, reefing, and furling, making and taking in sail, up to the most intricate evolution.

Alarms of "man overboard" have been given while sailing close hauled, and with the wind a beam, and in each instance the young gentlemen in charge of the deck has promptly and in a very creditable manner brought the ship to, and lowered the life boat. The cry of "man overboard" was once given when the ship was going at the rate of eight knots. The life buoy was let go, the boat lowered, the ship brought to, the buoy picked up, the boat alongside again, and hoisted up in her place, the ship filled away, and standing on her course under all sail, in seven minutes and twenty seconds from the time of the first alarm. For the ease and safety and very great expedition with which these operations have been performed, we are greatly indebted to the admirable "boat lowering and detaching and attaching apparatus" invented by Lieutenant Hunter Davidson.

Under the charge of Lieutenant E. Simpson the acting midshipmen have been stationed in gun divisions and in the powder and master's divisions; and as they have been changed from one division to another they have had the opportunity for becoming familiar with the duties in the different stations at quarters. In the gun division they have been drilled according to the manual prescribed in the "Ordnance Instructions" of 1852, and are expert in the management of the battery. In the powder division they were exercised in the passing of powder,

supplying of shot and shells, &c. In the master's division they were exercised in reeving preventer braces, securing yards, stoppering shrouds, getting up preventer stays, snaking down backstays, and in the duties of small-arm men at quarters. They have also, at general quarters, been exercised in the various duties of boarders, pikemen, sail-trimmers, firemen, and pumpmen. The first class have been practiced in firing at a target, the distance of which was accurately measured. The general result of their firing exhibited the usual fault of beginners---in that, their shots flew too high; but in some cases the accuracy was remarkable---the mean of the first graze not exceeding ten yards in distance from the target, situated at a distance of 860 yards from the ship. The angles subtended by these distances were measured by the acting midshipmen with the sextant from the maintop, and the corresponding distances were immediately read off from a very convenient table arranged by Lieutenant Buckner upon the principle of variation of the dip and distance for various heights of the observer. I have already alluded to the advancement made by the third class during the last year while on board the *school-ship*; but I cannot close this report without remarking that it seems to me the experiment of putting the fourth class on board ship for the first year of their academic course has proved eminently successful. The very great advantages obtained by the junior or third class over the first class in practical seamanship, and their very superior efficiency and usefulness when prompt assistance was required in the management of the yards, sails, &c., exhibited itself in a remarkable degree.

For the amount of practical instruction given to the young gentlemen, I have to congratulate myself, not only for the extra time gained by the unusually early arrival of the ship in the Chesapeake bay, but for the very great assistance I have received from the officers associated with me. Lieutenant E. Simpson and W. P. Buckner especially have been most constant in their efforts to aid me, and I am under deep obligations for the valuable support which I have at all times received from them.

Very respectfully, your obedient servant,

T. T. CRAVEN,
Commandant of Midshipmen.

Captain G. S. BLAKE,
Sup't U. S. Naval Academy, Annapolis, Md.

D.

WASHINGTON, *October 29, 1860.*

SIR: In obedience to your order of September 13, 1860, to examine the sailing ships of the Navy, in order to determine the expediency of converting them into efficient war steamers, as contemplated by the naval appropriation act approved June 22, 1860, the undersigned proceeded, as directed by the said order, to the navy-yards at Kittery, Charlestown, Brooklyn, Philadelphia, and Gosport; at which

places we inspected the brig Perry; the sloops-of-war Dale, Preble, Vincennes, Vandalia, Jamestown, Saratoga, Germantown, and Plymouth; the razees Cumberland and Macedonian; the frigates Santee, Brandywine, Potomac, St. Lawrence, Columbia, Baritan, and United States; and the line-of-battle ships Alabama, Virginia, Vermont, Ohio, North Carolina, New York, Columbus, Pennsylvania, and Delaware. The brigs, sloops, and frigates which are in commission at sea, were necessarily from our inspection, but, as we find by the records of the department that in form, dimensions, age, and condition, they are similar to those we have examined, they may with propriety be included in the same opinion. We are directed to inquire into the expediency of giving these vessels *full steam power*, in view of their cost, condition, model, and general character. The term "full steam power" we consider to mean the greatest steam power which can be placed in them without impairing their efficiency for war purposes as compared with other naval steamers of equal size; and we find, after a careful investigation of all the requirements involved, that the brigs and sloops, from their small capacity and the inappropriate form of their transverse sections, are entirely unsuitable for the accommodation of the necessary machinery. The frigates, being of considerably larger dimensions, have, consequently, capacities in a still greater ratio, and are therefore much better adapted for the proposed conversion; but, unless they are lengthened by the insertion of about fifty feet amidships, and have their decks raised, it will be impossible to give them such machinery as would make them efficient war steamers. The sharply angular form of the lower part of their transverse sections, the restricted height between the keelson and berth-deck for the accommodation of the boilers, and the weight and space occupied by the machinery, in proportion to the total displacement and capacity, are the causes which, though less disadvantageous than in the sloops, are still unfavorable enough to prevent the conversion of the frigates, without changes too extensive and costly to be warranted by their present condition; for, with the exception of the Sabine and Santee, these vessels have been in service for many years, and having been frequently repaired, we consider it injudicious to incorporate in their hulls a large mass of new and expensive work. We are, therefore, of opinion that it is inexpedient to attempt the proposed conversion of any of the sailing frigates. The very large dimensions of the ships-of-the-line give so great capacity that their conversion into efficient steamers is obviously feasible. To make this conversion judiciously and economically, we must be governed by the present condition of the hulls, by the weight and space occupied by such machinery and battery as will render them efficient war steamers of their rate, and by their utility when converted, as the space occupied by the machinery and its weight are additional to the equipments of a sailing vessel, provision must be made for equivalent displacement and capacity. This can be done by reducing the weight of the hull and of the equipment as a sailing ship-of-war, which would necessarily reduce the rate, or retaining the rate, by enlarging the vessel—which must be done by inserting the requisite additional length amidships; for an extension of the ends

would be of little or no benefit in these respects, and would involve the demolition and loss of a large portion of the most expensive part of the original hull: the only beneficial result would be a slight reduction of the resistance of the immersed solid, but at a cost wholly incommensurate with its value; or lastly, retaining the present rate, by simply increasing the draught of water of the present hull. To obtain the increased displacement by additional immersion, we consider inadmissible, as the vessels now draw, when equipped for sea, twenty-five and a half feet of water. There, then, remains the choice between lengthening the vessels amidships, preserving their present rates, or preserving their present lengths and razeing them to lower rates. This choice will be affected in measure by their condition, which a careful examination showed to be as follows:

The Alabama, Virginia, and New York, are still upon the stocks, and have been somewhat more than half completed. Their keels and keelsons require renewal; a few of the outside planking in one of them are decayed, but the frame of live oak and the other parts are in good preservation in all. The Vermont, launched in 1849, and fitted for sea, has never made a cruise. She is now sound and well preserved. The Pennsylvania was launched in 1836, at Philadelphia, and sailed to the Gosport navy-yard. She has never made a cruise. Her frame of live oak is sound; the inside planking is generally good, but the outside planking above the water line is entirely decayed. The Ohio, North Carolina, and Columbus, have each made several cruises, and have been extensively repaired. Their frames of live oak are in good condition, but many of the inside plank and the knees are defective, and all of the outside plank above the water line are decayed. The Delaware is so very defective, both in frame and planking, that she is unfit for service as a vessel-of-war. The Ohio, North Carolina, and Columbus, having been much used and several times repaired, it is clearly injudicious to incorporate with their present hulls the large mass of new material required for lengthening them amidships, for the different portions would require repair at different times, and the new part would probably be effective many years after the old part needed entire renewal. The same remarks apply with nearly equal force to the Pennsylvania, and also, though in a less degree, to the Alabama, Virginia, and New York. If the present rates were retained, and full steam power applied, these vessels would become extremely large line-of-battle ships, and very expensive to maintain in commission. The difference of the cost of the alteration, and of the machinery they would then require over what would be needed if razeing were adopted, is also a grave objection. We are, therefore, of opinion that it is inexpedient to lengthen any of these vessels. If the conversion of the line-of-battle ships be made by simply razeing without changing the lower part of their hulls, they will be reduced in rate and converted into steam frigates. The necessary displacement and capacity for the accommodation of the machinery and fuel will be obtained by the reduction of the weight of the hull and by the omission of the guns, personnel, spars, provisions, stores, &c., due to the difference of complement between a sailing line-of-battle ship and a steam frigate. The ballast, replaced by the machinery, will also be omitted. The effect of these

changes will be to reduce the draft of water from $25\frac{1}{2}$ feet to $22\frac{1}{2}$ feet, to lessen the resistance of the immersed solid, and to raise the portsills higher above the water line. Their stability under sail will be increased, and their nautical qualities, which are known to have been good, will be much improved. The cost of conversion, both for hull and machinery, will be the least possible.

In the case of the Alabama, Virginia, New York, and Vermont, the plank, beams, and knees being sound and in good condition, and the ports being the distance apart which long experience has shown to be sufficient for the heavy ordnance originally intended, and which is still equal to the armaments now carried by the ships of other nations, we recommend that their batteries be composed of heavy 32-pounders and 8-inch guns, forty in all; the total weight of all objects of ordnance not to exceed 275 tons. With this weight of armament provisions for four months, water for forty days, and a distilling apparatus for furnishing a daily supply, the machinery and coal weighing 750 tons, the mean draft of water will be $21\frac{1}{2}$ feet, and the lower portsills will be six and a half feet above the water line for all except the Pennsylvania and Columbus; the draft of the Pennsylvania will be twenty-three feet, and her lower portsills will be seven feet above the water line. The Columbus will have a draft of $21\frac{1}{2}$ feet, with her portsills also seven feet above the water line. In the case of the Pennsylvania, Ohio, North Carolina, and Columbus, in which vessels the outside planking is defective and must be removed, an opportunity is offered to increase the distance between the ports to what is necessary for 9-inch guns. The Pennsylvania can mount the same armament as the present steam frigates of the Wabash and Minnesota class. The Ohio and North Carolina can mount batteries of 9-inch guns equal in aggregate weight to those proposed for the Alabama and her class; and the Columbus, razeed to a sloop, can mount a similar battery, not exceeding the weight of 225 tons.

In converting these vessels into steamers, it is proposed to place their propelling screws abaft the present stern port, and to extend the counter or upper part of the ship, so as to cover the after or rudder post; the stern to be pierced for a hoist-up screw. The cost of razeing, including the engine, keelsons, and other work to be added, in connection with the machinery, we estimate to be \$40,000 for each ship, independent of the cost of repairing the hulls, so as to make them seaworthy as sailing vessels, which expense it would be necessary to incur in any event if the ships are ever to be used. The cost of finishing and razeing the Alabama, Virginia, and New York; and of repairing and razeing the Vermont and Pennsylvania, including the additional work in connection with the steam machinery, will be according to our estimate, an average of \$217,000 each; and for similarly repairing and razeing the Ohio, North Carolina, and Columbus, the average of our estimate is \$286,000 each. The cost of the steam machinery for each vessel we estimate at \$140,000, and the average cost of each of the eight vessels converted as proposed, including the steam machinery, will be \$383,000. They will be serviceable first class steam frigates of formidable battery, with a maximum speed of eight to eight and half knots per hour, under steam alone,

with a consumption of fifty tons of coal per day; at which speed they will carry in their bunkers eight days' supply of fuel.

The present steam frigates of the Minnesota class, carrying mixed batteries of eight and nine-inch guns, forty in all, cost, on average, \$725,000 each, including the steam machinery. If the line-of-battle ships be not converted as proposed, the value of the labor and materials represented in their present condition, will be lost. We have seen that the cost of the converted frigates compared with that of now ones of not greatly differing battery and speed, will be as \$383,000 to \$725,000, and the disparity becomes still greater when there is added, as there should be, the present value of the materials and labor in the old line-of-battle ships which cannot be estimated, in the aggregate, at less than \$1,250,000, nearly all of which will be lost, if not utilized as proposed.

We are therefore of opinion that, in view of the cost, condition, model, and general character of the vessels after conversion, it is expedient to convert the above-named line-of-battle ships into steamers, in the manner proposed: and, we believe, they will prove to be efficient steamships of war of full steam power.

All of which is respectfully submitted by, sir, your obedient servants,

GEO. W. STORER,

Senior Officer of Board.

S. H. STRINGHAM,

Captain United States Navy.

SAM'L ARCHBOLD,

Engineer-in-Chief.

B. F. J. SHERWOOD,

Chief Engineer.

JOHN LENTHALL,

Chief Bureau of Construction.

B. F. DELANO,

Naval Constructor.

Hon. ISAAC TOUCEY,

Secretary of the Navy.

E.

WASHINGTON, December 1, 1860.

SIR: I have had the honor this day to hand in the preliminary reports of the topographical engineer, Lieutenant J. St. Clair Morton, of Lieutenant William N. Jeffers, the hydrographer, and of Dr. Evans, the geologist, and now respectfully submit a few observations of my own. These will be followed by charts of the harbor of Golfo, on the Pacific, and of the beds of coal located on the Chauganola and its tributaries.

It gives me pleasure to state that the truthful charts of Commander Barnett, of her British Majesty's navy, enabled us to accomplish the work on the harbors in a very short time. The soundings of the chan-

nels were so correct that we passed in and out without the aid of pilots.

The marks of Captain Barnett which have changed will be corrected and made perfect by the survey of Lieutenant Jeffers.

The harbors of Chiriqui are so large, deep, and well protected that it is difficult to convey to you an idea of them for want of a comparison. The anchorage in every part is secure. They have no hurricanes and no winds that a canoe (the gondola of these waters) cannot show itself under full sail. The sea-breeze is bracing, and that from the mountains cool, giving to the sleeper a refreshing night's rest.

We arrived at Boca del Tora, Chiriqui, on the 23d August. Lieutenant Morton and his party left us for the mountains on the 25th. Dr. Evans, the geologist, and Lieutenant Jeffers, the hydrographer, began their work immediately, and carried it on energetically to a successful completion.

When we had finished the harbor of Chiriqui Lieutenant Jeffers was taken to Aspinwall and sent with his assistant, Mr. G. B. N. Tower, to Panama, and ordered to report to the commanding officer of the Pacific station for a passage to Golfito. I have had the honor to report the cause of his detention. By the preliminary report of Lieutenant Jeffers you will be made acquainted with the beauties and value of the harbor of Golfito, a chart of which is required by the navies of the world. Good harbors on the Pacific coast are so rare that this one should be made known. In this short sketch I feel constrained to urge the publication of the survey of Lieutenant Jeffers.

THE COAL.

To Dr. Evans, the geologist, we must look for a statement of the quantities contained in the coal beds, which will clearly show that there is coal in great abundance, and of excellent quality.

That on the Chauganola river burns freely, and must prove valuable for steam purposes. Two firemen of the ship accompanied Dr. Evans on the Chauganola, one of them had worked in the mines of Scotland, and both were lavish in their praises of the quality and quantity of the coal, and asserted that they had used it in cooking in preference to wood. This coal, it must be remembered, was from the surface or outcropping of the veins, which always improve in quality with the opening of the mine.

THE ROAD.

The report of Lieutenant Morton, the topographical engineer, will show the practicability of the line. I have only seen a very small and very unimportant part, that touching the banks of the Robalo, and the subject is not within the range of my profession.

ISLANDS AND LANDS WITHIN THE GRANT.

The value of the land must depend on the road, for at present the people have no means of sending their cattle, agricultural products,

or abundant, rich, and delicious fruits to a market. The minerals of the country, and forests abounding in large and useful timber, await the road for conveyance. You can scarcely break a stone which has not mineral richness to attract the mineralogist, the chemist, or the curious.

Strong evidences were afforded that native cinnebar rests with the grant. In fact, the precious gems found in breaking the stones casually kicked up in crossing the streams, is an evidence that this is (we might say) a discovered land of immense value. The islands produce all the fruits of the tropics, and in very great perfection. The banana, plantain, and bread fruit are superior in quality to any that I have ever seen. I counted thirty-four varieties of fruits and vegetables growing on Provision Island within a short distance from a house, and all in sight at the same time. Among them were the sugar cane, coffee, orange, lemon, lime, indigo, cocoa, and the delicious alligator pear, or avocate. All of the islands, as well as the level lands on the river sides, are capable of being brought into cultivation with little trouble or outlay.

Land can be cleared for six dollars per acre by cutting down the trees. The rains and a most destructive insect, the "comejeu," will destroy the fallen timber in about two years.

GOLD.

Gold is found on the creek Amula river, which is mentioned in the report of the geologist. I saw a sample, after a partial washing. There was more sand than gold. The sand was black, and the gold was of the shell order. About one dollar was obtained from three washings of a small gourd, holding about a quart, which is considered a large yield.

My final report will have the points more fully explained.

I have the honor to be, very respectfully, your obedient servant.

F. ENGLE,

Commanding Chiriqui Expedition.

Hon. I. TOUCEY,
Secretary of the Navy.

UNITED STATES SHIP BROOKLYN,
At Sea, November 20, 1860.

SIR: In compliance with your order of the 16th instant, I submit the following report, preliminary to such a complete one as can only be made after the charts of the Golfo are finished.

In the prosecution of the duties assigned me as hydrographer to the Chiriqui Commission, I submitted the following plan of the objects of my survey:

On the Atlantic side—First: An examination of the Boca del Toro, Drago, and Tigre, to see if any changes had taken place in the twenty years elapsed since the survey of Commander (now Captain) Barnett, Royal Navy, in 1838.

Second: A detailed survey of such points as should be indicated as suitable termini for the proposed road.

Third: Whenever the ship should be moved, to verify the general chart of the lagoon.

The distinguished reputation of Captain Barnett as a surveyor was a sufficient guarantee of the original surveys. I was, therefore, content to recover several of the prominent points of his survey, and from them fix the positions of the additional soundings, which I plotted directly upon his published chart.

These soundings were principally taken upon the leading lines and ranges in; and I find that no material changes have taken place at either of the entrances into the lagoon, and that his original ranges still afford excellent marks for entering the various harbors. Indeed, these were so prominent and well marked, and so satisfactory were the very first examinations, that this ship, under the command of Captain Farragut, was, with perfect confidence, run into every part of the lagoon without the aid of a pilot.

In the absence of any information as to the probable terminus of the proposed road, I made a detailed survey, on a large scale, of the portion of the coast between the mouths of the Guaroma and Robalo rivers, the only point suitable, in a hydrographic point of view. The most favorable spot is at the mouth of Frenchman's creek, where an indentation of the shore line forms a small bay, about eight hundred yards in width, which has been named Toucey bay.

At this point, five fathoms water is found at a cable's length from shore—three fathoms within thirty yards. Piers could therefore be run out to sufficient depth of water, at small expense. The average rise of the tide is one foot five inches; the anchorage unexcelled.

This anchorage is open to northerly and easterly winds; but, from the best information I was able to obtain, they never blow with sufficient force to raise an injurious sea.

In order to obtain an anchorage of undoubted security, I also examined Shepherd's harbor, to which point the road could without difficulty be taken. This is a completely land-locked basin, with great depth of water everywhere, sufficiently near its shores for the formation of piers at a small expense.

In short, no finer harbors than these can be found, and they are so faithfully laid down by the English surveys, that a consultation of the charts will give a better idea of them than any description.

After completing the surveys on the Atlantic side, I proceeded to Panama, to await transportation to the Golfito, in the Golfo Dulce, the Pacific terminus.

Owing to various causes heretofore reported on, it was not until after a delay of upwards of a month that I was enabled to reach the Golfito, to which place myself, assistant, and a boats' crew from the United States sloop *St. Mary's* were, by the liberality of the Panama railroad company, conveyed gratis in their steamship the *Guatemala*, which touched off the port for me on her return.

I would here express my acknowledgments to the superintendent of the company, and to Mr. William Nelson, their commercial agent at Panama, also to Captain John N. Dow, of the *Guatemala*, for their

kind attention and assistance. Also, to Commander William D. Porter and Lieutenant Balch, executive officer of the United States sloop *St. Mary's*, for the complete and careful equipment of the boat furnished by that ship.

As the *Golfito* had never been regularly surveyed it became necessary to make a complete trigonometrical survey, which, with the aid of Second Assistant Engineer G. B. N. Tower, United States Navy, was successfully accomplished by the time fixed for the return of the *Guatemala*.

I have not as yet had either sufficient time or the conveniences necessary for plotting the work; therefore, I can only briefly state the general results of the survey.

This beautiful harbor, situated twenty miles from Punta del Bauco, on the eastern side, and midway between the entrance and bottom of the Gulf of Dulce, is unsurpassed in natural facilities.

Favorably situated for entering with the sea breezes and leaving with those from the land, both of which are regular, there is no bar or other obstruction at the entrance, which is upwards of half mile (1,200 yards) wide, and about a mile in depth, with an excellent anchorage, on good holding ground, in five, seven, and twelve fathoms. This outer harbor is separated by a sand spit a mile in length by a few feet in width (around the northern extremity of which there is an excellent channel eight hundred yards wide, with not less than five fathoms water) from the inner harbor, four miles in length, with an average breadth of one mile.

The inner harbor has about a square mile of anchorage, with a depth of five fathoms, (sufficient for the largest ships,) and about three square miles of anchorage for vessels of a smaller size.

On the northeast side of the harbor, opposite the entrance, there is a range of hills several miles in length parallel to the coast line, of an average elevation of about 1,500 feet, leaving a strip of level, generally of but a few yards in width, between their bases and the shore line.

On this side of the harbor, and for a distance of upwards of three miles, not less than five fathoms water is found within half a cable's length of the shore, affording ample room for wharves sufficient to accommodate any probable number of vessels frequenting the harbor, if the proposed road should be built.

Three streams, the *Golfito* at the eastern, and the *Coisal* and *Cañaza* at the northwestern extremity, empty into the harbor; neither of these navigable, but either affording an ample supply of fresh water for the proposed town.

There is no one level spot sufficient for the site of a large town; but the several valleys running back from the shore, in the aggregate, would give about a square mile of suitable building sites. The whole surface, to the tops of the highest hills, is densely wooded, excepting the sand spit, and a small spot of about three acres, near the entrance, under cultivation. One family resides at the harbor; but on the opposite side of the Gulf of Dulce, at Punta Arenitas, there is a village of some thirty families; and small settlements exist at several other points.

The survey was commenced in the worst month of the rainy season;

but as it seldom began to rain before 3, p. m., I experienced no difficulties in the prosecution of the work from this cause. From 3, p. m., until midnight the rain was usually heavy and continuous; but the mornings were clear and pleasant, the temperature cool and agreeable: average, 6, a. m., 74° , meridian 83 ; 3, p. m., 84° ; 6, p. m., 78° .

Shortly after my arrival at Golfito, Lieutenant Morton, United States Army, in charge of the topographical party, arrived in a state of destitution, in want of money and supplies; both of which I furnished in sufficient quantity to enable him to continue his reconnoissance.

I was also applied to by the governor of the Gulf of Dulce, requesting me to render him assistance in apprehending some lawless characters at Punta Arenitas who defied his authority. I did not consider that it would be expedient to assist him, further than by a loan of arms and ammunition; the mere sight of which, in his hands, caused them quietly to submit and be shipped off in irons to Punta Arenas, in the Gulf of Nicoya. It is, perhaps, as well to mention that the whole of the Gulf of Dulce, as far as Point Barica, is under the political jurisdiction of Costa Rica, and that eighteen political prisoners compromised in the late attempt at revolution under ex-President Mora, had been banished to and were daily expected at Punta Arenitas when I left there.

The only remaining point to be considered is the grant of land to the United States government under the contract with the Chiriqui Improvement Company. If the road should be opened I am of the opinion that the lands would become very valuable, without that condition they are valueless, as large tracts of vacant lands can be obtained by the process of denouncement gratis.

Respectfully, your obedient servant,

WILLIAM N. JEFFERS,

Lieutenant, Hydrographer to Chiriqui Commission.

Captain FRED. ENGLE, *U. S. N.*,

Commanding Chiriqui Expedition.

UNITED STATES STEAMER BROOKLIN,
Hampton Roads, November 24, 1860.

SIR: In accordance with your instructions of the 16th instant, I have the honor to submit the following report:

I arrived in this ship on the 24th of August, at Frenchman's Creek, the Atlantic terminus of the proposed railroad line, and on the following day entered the mountains with my party. On the 14th instant I returned to the same point, having visited and surveyed the shores of the Golfito, crossed the Isthmus twice, and ascertained and surveyed with the barometer and schmalcalder compass the most advantageous location that offers for the road. In so doing I explored a swamp of great extent that intervenes between the province of Chiriqui and the Golfito, and discovered a pass, before untrodden, through the Cordilleras, by which the cañon I was sent to explore can be quitted, and the lagoon reached.

Some time must elapse before I can compute my barometrical observations, and plat my survey. Till then, I cannot enter into detail in reference to the different sections of the line, and present the data on which the conclusions I have arrived at are based. I feel warranted, however, in stating, at this time, as the result of my examination, the conviction that it is entirely practicable to connect the harbors by a line of railroad adapted to commercial purposes. The savannas, which stretch from the Pacific coast to the summit of the line, offer a solid bed for the track, and a natural grade that needs but little improvement. Both the plains and the mountains abound in timber suitable for framing or crossties. I have specimens of such of the woods as are said to possess strength, elasticity, and durability; of some that are useful in small carpentry; and others that, even in a green state, make good fuel. The province of Chiriqui (crossed by the line) affords abundant pasture for large herds of cattle, and contains an extent of grain-producing land that would suffice to maintain a large population. At both the termini the slightest culture will be rewarded by luxuriant crops of fruit, coffee, chocolate, pepper, and various useful esculents. The mountains contain vast mineral wealth. Don Lorenzo Gallego, the prefect of the province, and Don Antonio Morales, the governor of Golfo Dulce, received me with courtesy and kindness, and offered me assistance. The prefect informed me that the population of Chiriqui numbers some ten thousand souls. The natives seem to be a cross between the indigenous and the Spanish races. They are athletic and fine looking, and very cleanly. I found them honest and faithful to their engagements. On the survey they exhibited great endurance and good humor under fatigue and privations.

I was accompanied in my survey by a single assistant, Mr. Thomas Iekyll, to whom I owe the most ample acknowledgments for the valuable services he rendered me. To the remainder of my party I assigned the search and exploration of the pass, and the instrumental survey of the Atlantic slope, to be executed during my journey to Golfito. I regret to state that they abandoned their trust in a manner I deem inexcusable, and returned to the ship without finding the pass, much less surveying the region between it and the lagoon.

My own rough survey of those parts comprises, therefore, all the topographical information by which I can support my opinion in regard to their adaptability to railroad purposes, though I am aware they deserve a more deliberate examination than the Pacific slope. While, however, I regret the want of more accurate measurements on the northern end of the line, I cannot hold myself responsible for it.

The limited time allowed, and the extent of country to be surveyed, obliged me to divide the work so as to execute both parts of it simultaneously. My duty was to go over the whole of it. After I had started the main party at work in the cañon and left them there, I did not hear from them, nor had I an opportunity of writing to them. The reports of the chief surveyor and of the commissary of the party show that want of provisions, or of proper arrangements on my part, did not enter into the causes of their return.

The above hasty and meager statement is the best I have been able

to furnish in compliance with your request to hand in one before quitting the vessel. I have made some progress in a report on a larger scale, but from interruptions due to sea sickness have been unable as yet to complete it.

I am, sir, very respectfully, your obedient servant,

JAS. ST. CLAIR MORTON,

*First Lieut. Engineers, member of Chiriqui Commission,
in charge of Topographical Division.*

Captain F. ENGLE, U. S. N.,

Commanding Chiriqui Commission.

SIR: In reply to your request for a brief statement of the general results of the examinations made to ascertain the extent and value of the coal deposits on the lands of the "Chiriqui Improvement Company," I would respectfully state:

That careful explorations have been made along the shore line of the Chiriqui lagoon, the principal rivers tributary, and the islands adjacent. The aggregate thickness of the coal seams examined is 73½ feet; varying in quality in different localities from lignites of woody structure to semi-bituminous and semi-anthracite coals. The thickness and quality of each seam will be stated in a subsequent report. The best exposures of coals are on Sierschich and Irnia creeks, tributaries of Chauganola river, and there is every reason to anticipate that the latter and more valuable vein may be found but a short distance below the former, which crops out on the shore of the island. In fact, there can be but little, if any, doubt that all the seams discovered in different localities are continuous throughout the entire coal field, which extends from Secretary, near Valiente Point, for fifty miles in a northwest direction to a creek northwest of the deposits on Chauganola river. It varies from five to fourteen miles in width. The coals do not belong to the true coal measures, but in some localities have been metamorphosed by volcanic agency, varying in quality as they are distant or in proximity to such influences.

The rocks associated with the coals are clay, slaty clays, conglomerates, coarse grained sand stones of great thickness, and limestone. These, in some localities, rest on talcose and other slates, but generally on granite, or volcanic rocks. Careful collections and sections of these rocks have been made from the Chiriqui lagoon to the Pacific ocean by different routes going and returning, which will be embodied in the final report, together with a geological map of the country explored.

The coals on the Pacific coast and the islands adjacent are of more recent origin than the deposits on the Chiriqui lagoon, and were formed subsequent to the volcanic action previously alluded to.

In the vicinity of Chauganola river nine seams of the coal came near together, and are exposed in the banks of Serischick creek. Six of these seams can be mined together. The aggregate thickness of the nine seams is thirty feet. Some of them present more the appearance

of anthracite than bituminous coals. It burns freely, with a strong heat, and is, no doubt, suitable for domestic, mechanical, and commercial purposes. The supply is abundant. Numerous fossils have been collected which, together with the analysis of the coals, will determine their true geological age and the quality of these deposits. Not much attention has been paid to the other mineral resources of the country, but on several small tributaries of the Cricamola river several pansful of earth were washed by one of my men, and in every instance gold was found. The aggregate value of the gold in three pansful was about one dollar. In other localities ores of iron, and copper, and platinum were discovered. There is no doubt from the geology of the country and the discoveries already made, that this is a rich mineral region. The agricultural resources of the country are abundant, and will be mentioned in the final report. Some of the prevailing soils have been collected, also specimens of the different varieties of wood suitable for ship building and other purposes, of which there is great abundance and variety.

Specimens of the coals have been forwarded to Dr. Jackson, of Boston, for analysis. Fifteen days, I should think, would be sufficient to complete this work, and then the final report will be submitted for your consideration.

Very respectfully,

JOHN EVANS,
Geologist of Chiriqui Commission.

Captain F. INGLE,
Commander of the Chiriqui Expedition.

F.

WASHINGTON, *November 26, 1860.*

SIR: I have the honor to report that in compliance with your orders, I have diligently applied myself to the reduction of the notes, surveys, and observations, made under my direction, when in command of the North Pacific and Behring's Straits surveying expeditions, and beg leave, respectfully, to state that I have progressed with the duty, as rapidly, and have brought the results as near completion as circumstances would admit of. There being no appropriation for the purpose, you will remember I was not authorized to incur any incidental expenses, and in execution of the duty, I have confined myself within the limits of my own resources. At the time of the call upon the department in March last, and when letters were exchanged between yourself and Hon. E. B. Washburne, chairman of the Committee of Commerce, of the House of Representatives, in regard to my surveys, and the various memorials from merchants and others of New York and other sea-ports, that gentleman informed me of your concurrence in the memorial, and of your opinion that the charts, if published, would result advantageously to the interests of commerce. Mr. Washburne desired me to address a letter to the committee on the

subject, together with estimates of the expenses necessary to prepare the results for publication. In compliance, I made a statement, somewhat in detail, with careful estimates.

With these papers before you, it will be unnecessary to trespass upon your valuable time by a repetition of the points embraced. I therefore, respectfully inclose copies, and ask for them your consideration. As I doubt not that your recommendation to Congress, with a reference to the memorials on the part of the vast commercial community, will insure the adoption of the unpretending appropriation necessary to effect the important object in view. This granted, the results of my labors can, in short space of time, be made to answer the wants of commerce, and the requests of the memorialists likewise gratified.

I am, with great respect, your obedient servant,

CADWALADER RINGGOLD,

Captain, United States Navy.

Hon. ISAAC TOUCEY,

Secretary of the Navy.

WASHINGTON, *March 30, 1860.*

SIR: I have the honor, in compliance with the request of your honorable committee, to submit for their consideration a list, in detail, of the charts to be prepared for engraving and printing, and the expenses to be incurred in the reduction of the results of the surveys, &c., made by me while in command of the North Pacific surveying expedition.

Conceiving that economy, so far as consistent with the importance of the subject, shall be kept in view, I have, upon due consultation with men of practical experience, put down the charges at the lowest rate for which the work can be properly done.

It is scarcely necessary for me to remark, that the opening of the gold fields of California and Australia, together with the newly established commercial relations with Japan, have given to commerce a vast expansion, and that information respecting the navigation of the North and South Pacific and Indian oceans, has an importance, at present, which it did not formerly possess. Already have numerous casualties occurred on these new thoroughfares of commerce, pointed out by the discoveries of the age, owing to the inaccuracy of the charts now in use, which in all probability might have been avoided had my results been published as soon as they might have been. In proof of this, I will merely state that two shipwrecks, accounts of which are herewith submitted, attended by the most painful consequences, have already occurred upon localities the true positions of which have been established by examinations made by me.

I speak of "Rossel Island" in the Coral sea, and the extensive and dangerous "Bordelaise Islet and Reef" in the Caroline Islands.

The amount of commerce at present carried on by the United States with the eastern continent and what is called Oceanica, is many fold greater than that which formerly existed in the same quarters. The

ordinary course of our trade is first to go from the Atlantic ports to California or Australia, and thence, after disposing of their valuable cargoes, to proceed to China, for return freights. Added to this, I would remark that during my reconnoissances in the Coral archipelago, which, at certain seasons, is a favorite ground for our enterprising whalers, I communicated with no less than twenty-five of them. Many wrecks were also passed by us during our labors in this sea, showing but too plainly the want of accurate charts of the seas through which we were navigating.

So far as I am personally concerned in this matter, I am actuated by no unworthy views, my only motives being the promotion of my professional character and the advancement of the best interests of our country. My desire is to prepare the results which were procured under my own personal superintendence for public usefulness at the earliest moment, that I may be in position to obey any further demand which my country may have for my services. Such being my views, I would most respectfully ask of yourself and your colleagues to place ample means of effecting the object at the disposal of the Hon. Secretary of the Navy, with such an understanding as will insure to me access to all the *material* necessary for the proper execution of a duty to which I, as the commanding officer of the expedition, can, perhaps, alone attach a just and proper value.

I have the honor to be, most respectfully, your most obedient servant,
 CADWALADER RINGGOLD,
Captain U. S. Navy.

HON. ELIHU B. WASHBURNE,
Chairman of Com. on Commerce, House of Reps.

Memorandum setting forth, in detail, the charts of all the surveys and reconnoissances of the Coral archipelago and its approaches, made by Captain Cadwalader Ringgold, United States Navy, while in command of the North Pacific surveying expedition, together with an estimate of the expenses necessary to reduce and prepare them, with the attending sailing directions, and other results useful to practical navigation—to wit:

First. Charts of the South Pacific and Indian oceans, with the winds, currents, curves of variation of the compass, routes of the vessels of the expedition, &c.

Second. Charts of all the Coral seas and archipelago, with the winds, currents, &c.

Third. Charts of the North Pacific ocean, embracing the routes to and from China, Japan, and California.

Fourth. Charts of the North and South Atlantic oceans, with wind currents, curves of variation of the compass, tracks and observations of the expedition.

Fifth. Charts of the Caroline Islands, being in contiguity with the Coral archipelago, and forming a portion of the route to and from China, Japan, and California, to be plotted on a large scale.

Sixth. Details of the surveys and reconnoissances comprised in the above general charts, to be plotted on a large working scale, and on separate sheets—to wit:

Seventh. Charts of Lord Howe's Island and Ball's Pyramid.

Eighth. Vincennes Shoal, (discovered by the Vincennes).

Ninth. Grouper Shoal, (discovered by the Vincennes).

Tenth. Smith's Shoal, (discovered by the Vincennes).

Eleventh. Santa Cruz Group and Mendana Passage, Vanikoro, Ootoboa, Nitendi and Volcano Islands.

Twelfth. Ascension and adjacent islands.

Thirteenth. Bordalaise Islet and Reefs.

Fourteenth. Bashee Islands and Passage.

Fifteenth. Approach to New Holland and Bass Straits.

Sixteenth. Elizabeth Shoals.

Seventeenth. Eliza Shoals.

Eighteenth. Middletown Shoals.

Nineteenth. Cato's Bank.

Twentieth. Kenn's Reef.

Twenty-first. Chart of Avon Island.

Twenty-second. Bampton Shoals.

Twenty-third. Mellish Keys.

Twenty-fourth. Young's Reef.

Twenty-fifth. Rossel Island of the Loniciado Group.

Twenty-sixth. Adele Islands.

Twenty-seventh. New Ireland and Bonganville Islands, forming Bonganville Straits, with Port Praslin and anchorage facilities for whaling ships—wood and water.

Twenty-eighth. St. John's Island.

Twenty-ninth. Green's or Verte's Island.

Thirtieth. Bonka Island.

Thirty-first. Carteret's Nine Islands.

Thirty-second. Abgarris Islands.

Thirty-third. Goodman's Island.

Thirty-fourth. Sand Islets and Keys.

Thirty-fifth. Kama Islands.

Thirty-sixth. Gouap Island.

Estimate of all expenses necessary to reduce and prepare for engraving and printing "the charts of all the surveys and reconnoissances, with sailing directions and other results to accompany them, of the Coral archipelago and its approaches," made by the undersigned, while in command of the North Pacific surveying expedition, to wit:

| | |
|--|------------|
| For office hire, including furniture and fixtures for drafting | |
| and plotting the work | \$1,050 00 |
| For mathematical instruments..... | 150 00 |

| | |
|---|-------------------|
| For drawing materials, paper, &c..... | \$100 00 |
| For services of draftsmen and assistants, and necessary con- tingent expenses of office..... | 6,400 00 |
| | <u>\$7,700 00</u> |

Respectfully submitted,
 CADWALADER RINGGOLD,
Captain U. S. Navy.

G.

WASHINGTON, D. C., *October 4, 1860.*

SIR: In obedience to your letter of the 29th ultimo, I have the honor herewith to furnish a brief statement of the progress which has been made during the current year in the work under my charge.

In the engraver's hands are the following charts:

Amakirima Group.
 Loo-Choo and the islands to the westward.
 Bonin Group, with Port Lloyd.

Reduced for engraving:

Coast of Japan from Simoda to Hakodadi.
 Island of Yezo, Japan.
 Harbor of Heda, Japan.
 Bullock Harbor, China.
 Straits of Miatao, Yellow Sea.
 Hilo Harbor, Sandwich Island.

In progress of reduction:

Aleutian Archipelago, sheet No. 2.
 General chart of Behring's Sea and Arctic Ocean.
 Island chain between Loo-Choo and Japan.

Ready for reduction:

West Coast of Russia, with Goth and Iki Straits.
 West Coast of Neppon.
 Ayan Harbor.

To be prepared for the engraver:

Parts of Formosa.
 Madjico-Sima Group.
 Hoapin-su Group.
 The Ochotsk Sea.
 Behring's Straits and Arctic Ocean.
 Aleutian Archipelago, sheet No. 3.
 General chart of the Pacific Ocean.

Already engraved and published:

Register charts of reported dangers in the Pacific.
 St. Lawrence Bay, Behring's Straits.
 Track chart of the expedition.
 Avatcha Bay and approaches.
 Mouth of the Peiho river.

Seniavine Straits, Behring's Straits.
 Lot's Wife, Borodino, and Rosario Islands.
 Chronometer diagram.
 Gaspar Straits, Java Sea.
 Aleutian Archipelago, sheet No. 1.
 Tsugar Straits, Japan.
 Ou-Sema Group.

I beg leave to add that the presence of Lieutenant Henry K. Stevens is very desirable for a short time, to complete his chart of the Ochotsk Sea, and of Lieutenant William Gibson, to finish a second and third sheet of the Aleutian Archipelago. I earnestly hope that, as soon as compatible with the public service, these officers will be ordered to this office. There will be required to finish the work the sum of eleven thousand six hundred and seventy-two dollars, (\$11,672,) viz:

| | |
|---|-------------|
| For engraving the northern part of Formosa, Madjico-Sima, and Ho-apinsu | \$700 |
| Bonin Group | 400 |
| Island chain between Loo-Choo and Japan..... | 1,200 |
| West coast of Kiusin, Goth and Iki Straits..... | 1,000 |
| West coast of Nippon..... | 600 |
| The Ochotsk Sea | 1,000 |
| Behring's Straits and Arctic Ocean..... | 1,000 |
| Aleutian Archipelago, sheet No. 3 | 1,000 |
| General chart of Pacific Ocean | 2,000 |
| For salaries of clerks and office hire and incidental expenses | 1,800 |
| For printing..... | 972 |
| | <hr/> |
| Total | 11,672 |
| | <hr/> <hr/> |

Congress at its last session appropriated \$9,010 for engraving charts, leaving the required sum of \$9,572 to be appropriated when the charts were ready. The sum of \$300 has been spent for printing one hundred copies of twelve charts, and \$1,800 is asked for pay of draughtsmen, office hire, and incidental expenses.

Very respectfully, your obedient servant,

JOHN RODGERS,
Commander United States Navy.

Hon. ISAAC TOUCY,
Secretary of the Navy.

H.

UNITED STATES NAVAL ASTRONOMICAL EXPEDITION,
Washington, October 1, 1860.

SIR: I have the honor to acknowledge the receipt of your letter of September 29, asking a brief statement of the progress made, &c., during the current year in the work under my charge, and in reply thereto, have the honor to report:

First. A revision has been made of all the observations to determine the longitude of the observatory at Santiago; the results have been tabulated, and the sheets are ready for the printer. This revision conclusively establishes the fact, that the port of Valparaiso, and most probably the whole coast of Chili, as laid down on the best charts, (those of the British Admiralty,) is four and four-fifth miles too far to the west—an error of much importance to navigators.

Second. The mathematical processes for the reduction of all the meridian circle observations have been perfected and incorporated in the introduction for volumes four and five. The introduction, also, is ready for the press.

The necessary preparation for the reduction of the observations just referred to has been attended with unprecedented labor. At all other observatories of the world the instrument is assumed to, and actually does, remain, almost if not absolutely, in the same azimuth during all the observations of each night: This was not the case at Santiago. The instrument was mounted on the native rock, which became heated during the day, and warped under the influence of the sun. As soon as the sun approached the horizon, the whole mass of the hill began returning towards its normal place; so that at every observation we had a new position of the instrument. Therefore, before we could commence the reduction of the observations, it was indispensably necessary to determine the law of movement of the hill, and whether we should adopt time or change of temperature as a function of the oscillation. This laborious task has at length been satisfactorily completed by two distinct methods of investigation and the results tabulated.

Third. Meantime, the refractions and corrections to mean places of all the time and azimuth stars have been computed, and that portion on the work on 200 sheets perfected.

It is, therefore, probable that all the MS. for volume four will be ready for the printer during the coming winter, and that of the remaining volume before the close of next autumn.

Very respectfully, your obedient servant,

J. M. GILLISS,
Superintendent.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

I.

WASHINGTON, October 2, 1860.

SIR: In accordance with your order of the 29th ultimo, I submit the following "brief statement of the progress that has been made during the current year in the work under" my "charge, its present condition, and the portions of it yet to be completed." Since the 7th July, when the preparation of the report was commenced, the meridian differences between San Francisco, Honolulu, Guam, Hong Kong,

Loochoo, and Kanagawa, primary stations in the survey of the route between California and China, have been determined after a careful examination and comparison *interse* of rates, &c., of the chronometers of the Fennimore Cooper and with those of the Vincennes. It is gratifying to find that the results are excellent.

The observations determining intermediate points, reefs, shoals, and coast lines are now in process of reduction. The meteorological observations have been reduced. The deep-sea soundings are under discussion. The specimens, obtained from depths ranging from 12,000 to 19,800 feet, are being examined by eminent microscopists with results of great interest.

There remains to be completed the plotting of the work, and the report upon the results, embracing determinations of positions [final] of reefs, shoals, and islands, with surveys of portions of the coast of Japan, courses of storms, routes to be preferred, &c.

I have the honor to be, very respectfully, your obedient servant,
JOHN M. BROOKE.

Hon. ISAAC TOUCHEY,
Secretary of the Navy, Washington.

No. 1—*Estimate of appropriations for the office of the Secretary of the Navy and the Southwest Executive Building required for the service of the fiscal year ending June 30, 1862.*

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the service of the fiscal year ending June 30, 1861. |
|---|---|---|---|
| Salary of the Secretary of the Navy, per act of March 3, 1853; 10 Laws, page 212, section 4..... | \$8,000 00 | ..... | \$8,000 00 |
| Salary of chief clerk, per same act, page 211, section 3..... | 2,200 00 | ..... | 2,200 00 |
| Salary of one fourth class clerk, per same act, page 210, section 3..... | 1,800 00 | ..... | 1,800 00 |
| Salary of the same as disbursing clerk, per same act, page 211, section 3..... | 200 00 | ..... | 200 00 |
| Salaries of six third class clerks, per acts of March 3, 1853, 10 Laws, page 210, section 3, and April 22, 1854, 10 Laws, page 276, section 1..... | 9,600 00 | ..... | 9,600 00 |
| Salaries of four second class clerks, per same act..... | 5,600 00 | ..... | 5,600 00 |
| Salary of principal messenger, per joint resolution of August 18, 1856; pamphlet edition of Laws, page 145. | 900 00 | ..... | 900 00 |
| Salary of assistant messenger, per same resolution..... | 700 00 | ..... | 700 00 |
| Salary of laborer, per same resolution..... | 600 00 | ..... | 600 00 |
| <i>Contingent expenses.</i> | 29,600 00 | ..... | 29,600 00 |
| For blank-books, binding, stationery, labor, newspapers, periodicals, and miscellaneous items..... | 2,840 00 | ..... | 2,840 00 |
| Total..... | 32,440 00 | ..... | 32,440 00 |
| <i>For the Southwest Executive Building.</i> | | | |
| Salaries of four watchmen, per acts of August 26, 1842, Laws 5, page 524, section 4; September 30, 1850, Laws 9, page 543, section 2; August 31, 1852, Laws 10, page 82, section 1; April 22, 1854, Laws 10, page 276, section 2..... | \$2,400 00 | ..... | \$2,400 00 |
| Labor, fuel, lights, and miscellaneous items | 3,913 00 | ..... | 3,913 00 |
| Total..... | 6,313 00 | ..... | 6,313 00 |

No. 1—Continued.

Estimate of appropriations required for the fiscal year ending June 30, 1862, to pay the officers of the Navy not on duty, and also those on duty who are not estimated for by the bureaus of the Navy Department.

| Heads of appropriation. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the service of the fiscal year ending June 30, 1861. |
|--|---|---|---|
| <i>Pay of the Navy.</i> | | | |
| Pay of officers not on duty..... | \$451,385 00 | | |
| Pay of officers on coast survey duty..... | 37,550 00 | | |
| Pay of officers on light-house duty..... | 43,250 00 | | |
| Pay of officers on other special duty..... | 64,775 00 | | |
| Total..... | 596,960 00 | | \$591,289 50 |

Estimate of appropriations required for the fiscal year ending June 30, 1862, to complete and engrave the charts of the Behring's Straits expedition, and for other purposes.

| <i>Special.</i> | | | |
|--|------------------|--|-----------------|
| Engraving charts Behring's Straits expedition..... | \$11,672 00 | | \$9,010 00 |
| For error in estimate for "payment of charter or purchase of vessels for Paraguay expedition"..... | 418 89 | | |
| | 12,090 89 | | 9,010 00 |

RECAPITULATION.

| Heads of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the service of the fiscal year ending June 30, 1861. |
|--|---|---|---|
| <i>Civil.</i> | | | |
| Salaries—Office of the Secretary of the Navy..... | \$29,600 00 | ..... | \$29,600 00 |
| Contingent—Office of the Secretary of the Navy..... | 2,840 00 | ..... | 2,840 00 |
| Salaries—Southwest Executive Building..... | 2,400 00 | ..... | 2,400 00 |
| Contingent—Southwest Executive Building..... | 3,913 00 | ..... | 3,913 00 |
| <i>Navy.</i> | | | |
| Pay of the navy..... | 596,960 00 | ..... | 591,289 50 |
| <i>Special.</i> | | | |
| Engraving charts Behring's Straits expedition..... | 11,672 00 | ..... | 9,010 00 |
| Error, &c., "payment of charter or purchase of vessels for Paraguay expedition"..... | 418 89 | ..... | ..... |
| | 647,803 89 | ..... | 639,052 50 |

No. 2.

Compendium of the annual report of the chief of the Bureau of Yards and Docks, for the fiscal year ending June 30, 1862.

Works of improvement and repairs that have been completed at each of the navy-yards during the past year, with the amount expended thereon.

Amount expended on objects in progress, but not yet completed.

Amount expended by the Bureau of Yards and Docks, at each yard, on account of contingent, during the past year.

Amount estimated on account of contingent, at each yard, for the next fiscal year.

Estimates for the current repairs at navy-yards, and for the construction, completion, and repairs of the hospitals, asylum, magazines, and ordnance works.

Statement in relation to the Naval Asylum, showing the number, condition, &c., of the beneficiaries, with the expenses for the past year.

Statement in reference to the timber agencies for the protection of ship timber on the public lands.

Supplemental estimates for improvements at all the yards, with detailed remarks in reference thereto.

BUREAU OF YARDS AND DOCKS,
November 22, 1860.

SIR: I have now the honor to submit, in duplicate, my annual report, together with duplicate and triplicate sets of the estimates from this bureau, for the fiscal year ending June 30, 1862.

The original set was forwarded with my letter of the 8th ultimo.

With your permission, I also transmit supplemental estimates for the improvement and repairs of navy-yards, to which I respectfully invite your attention.

These latter estimates embrace only portions of the amounts which have been asked for improvements by the authorities at the several navy-yards, and are submitted after a careful examination into the requirements, in the opinion of the bureau, as indispensably necessary for the wants of the service.

It must be borne in mind that nothing has been appropriated for improvements in navy-yards, or for providing engines and machinery therefor, during the past two years. If, therefore, no further appropriations are to be made for improvements of yards, they must remain only partially complete, and unprepared for the practical purposes of navy and dock-yards.

If it be the intention of Congress to support a navy, proper provision must be made for the complete construction, equipment, and repair of vessels, including their machinery, and the preservation of naval stores of every description, as well as for the care and protection of vessels in ordinary and on the stocks.

The navy-yards having been established by Congress, the responsibility must rest upon that body as to what further improvements, if any, shall be made.

Should Congress still continue the policy that has prevailed for two years past, and fail to provide funds for making the much needed improvements in navy-yards, many valuable works, such as founderies, machine shops, and heavy machinery, will remain unfinished, and those already completed will be inadequate to the wants of the service. In addition to injuries resulting to the unfinished structures themselves, a heavy loss will be sustained in the deterioration of costly machinery and other appliances, which have been provided for carrying on the works.

I have heretofore called attention to the want of wet-docks, both as a matter of economy and safety in protecting vessels in ordinary, where cables and anchors may be dispensed with, and but comparatively a small space is required. Time only serves to confirm my opinion as to the importance of such works. In other countries which support navies, permanent and extensive wet-docks are always provided.

If the appropriations are to be reduced, some of the dock-yards might be discontinued as stations for active operations. It is better to have fewer yards *complete*, and prepared to supply any demands which may arise, than to distribute limited appropriations for improving a larger number, and thereby have none in a condition to meet the requirements of the service.

I again respectfully call your attention to my last annual report, in relation to the discrepancies in the pay of clerks in navy-yards; also, in regard to the compensation of the commandant of the navy-yard and station at Mare Island, near San Francisco.

The pay of the commandant's clerk, at Mare Island, is only \$900 per annum, whilst the clerk to the navy agent receives \$2,500, and the clerk to the acting paymaster and navy-yard receives \$3,000. They are all clerks simply, and the disparity in compensation is unjust and unequal, in view of their relative duties and responsibilities. The navy agent and civil engineer receive \$4,000 each, whilst the commandant of the yard, who is responsible for its good government, and controls all the other officers, only receives \$3,600 per annum.

In my opinion, the salary of the officer in command of this yard should be raised to \$5,000 per annum, (as estimated for in 1857,) and his clerk should have a compensation of not less than \$1,500 per annum, in view of the increased expenses of livelihood in California, and the relative pay of labor on that, compared with other naval stations.

The pay of clerks at other yards is unequal, and requires correction, as will be seen by reference to my report of last year.

The following statement will exhibit the work performed, as well as the expenditures incurred, at each navy-yard under the cognizance of this bureau, for yards, magazines, ordnance works, and hospitals for the past year, with explanatory remarks on each object embraced in the *supplemental* estimate for *yard improvements*, for which plans are also submitted.

PORTSMOUTH, NEW HAMPSHIRE.

The works of improvement which have been completed at this yard during the past fiscal year are: the new boiler for the smithery and the building for offices and muster-room. The amount expended upon them during the year is: for labor, \$8,152 26, and for materials, \$3,191 99; making an aggregate of \$11,344 25.

The works upon which expenditures have been made, but which are not yet completed, are: quay wall connecting with dock basin, repairs on dock basin, engine-house, repairs on floating dock, quay wall near landing, boiler-room, boiler and machinery, and repairs of all kinds. The amount expended upon these objects during the year is, for labor \$22,592 79, and for materials, \$8,762 24; making an aggregate of \$31,355 03.

There has been expended during the year upon objects coming under the head of contingent the sum of \$29,406 20.

The plans and supplemental estimates now submitted for the fiscal year ending June 30, 1862, are for the following objects, viz: quay wall near boat landing, removing coffer dam, boat-house and carpenters' shop, and for repairs of all kinds, amounting in the aggregate to \$82,260.

Quay wall near boat landing.—This wall was seriously injured by the operation of the propeller of the steamer Mohican, and unless speedily repaired, there is great danger of its total destruction. It is an important landing, and its loss would cause great inconvenience. The appropriation is, therefore, urged as an important one.

Removing coffer dam.—The removal of this old coffer dam is indispensable for the completion of works now in progress. The quay wall cannot be connected with the dock basin until this object is accomplished. An estimate for the purpose is, therefore, submitted, and an appropriation strongly urged.

Boat-house and carpenters' shop.—The building now occupied by the boat builder and carpenter is old, and requires very extensive repairs to render it at all suitable for the purpose. It is proposed to construct a permanent building, arranged with slips, steam boxes, &c., in a more convenient and appropriate manner, for the use of the workmen, as well as for the security of the public property contained therein.

Repairs of all kinds.—The amount allotted for repairs of all kinds for the last as well as for the present fiscal year was insufficient to enable the authorities at the yard to keep the various buildings and other improvements in that condition which a due regard to economy would dictate. The amount asked for the next year is therefore larger, but it is believed to be such as will be necessary for the proper protection and preservation of the public property.

BOSTON.

The objects of improvements which have been completed at this yard during the past fiscal year are: extension of dry-dock, dredge-boat and scows, extension of city sewer and reservoirs for water. There

has been expended upon these objects during the year: for labor, \$7,895 88, and for materials, \$5,943 57; making an aggregate of \$13,839 45.

The works upon which expenditures have been made, but which are not yet completed, are: machinery and bobbins for rope-walk and repairs of all kinds; and upon these objects there has been expended \$33,760 02.

Under the head of contingent there has been expended at this yard during the past year the sum of \$69,208 06.

Plans and estimates are submitted for the fiscal year ending June 30, 1862, for the following objects, viz: for finishing pattern shop, machinery for machine shop, water closets, reservoir, pump, engine, &c., and for repairs of all kinds, amounting in the aggregate to \$170,500.

Pattern shop.—The amount asked for this object is necessary to render the establishment complete for the manufacture of marine engines and other machinery, and, it is believed, will be sufficient to complete it in all respects.

Machinery for machine shops.—The amount asked for under this head is indispensably necessary, and, it is hoped, will be amply sufficient to complete and fit up, in every particular, and in the most thorough manner, all the shops connected with the machinist's department. When this is done the establishment will be in condition for building engines or any similar work that the service may require.

Water closets.—This improvement is indispensable for the use of the workmen employed in and around the dry-dock; the want of it occasions much loss of time.

Reservoir, pump, engine, &c.—These are much needed to save the expense and avoid the delay occasioned by hand pumping. The plan proposed is the same as at the New York yard—that is, by contract with some person engaged in the business who may have a thorough knowledge of the work desired.

Repairs of all kinds.—The appropriations under this head for the last two years have been so limited that many necessary repairs have been deferred, and consequently the demands upon this fund are constantly increasing. The estimate now submitted is believed to be such as is required to place the different objects of improvement in a proper state of repair.

NEW YORK.

The works of improvement which have been completed at this yard during the past fiscal year are: boiler-house, piling foundation for marine barracks, and repairs of all kinds. The amount expended on these objects during the year is \$30,239 60.

The works upon which expenditures have been made, but which are not yet completed, are: machinery for smithery, &c., filling pond in yard, dredging channels, launching slip to ship-house E, and repairs of dry-dock. Upon these objects there has been expended during the year \$49,705 94.

Under the head of contingent there has been expended at this yard during the past year the sum of \$60,781 13.

Plans and estimates are submitted for the fiscal year ending 30th June, 1862, for the following objects, viz: floor to third story of machine shop; bilge blocks for dry-dock; quay wall; dredging channels; floor to mold loft; reappropriation of funds returned to surplus fund for sewer on Flushing avenue and to the Wallabout channel, the city of Brooklyn being now prepared to proceed with the work; boilers, &c., for new boiler house; boilers for machine shop; machinery for smithery and saw-mill building; hoisting apparatus for provision store; and for repairs of all kinds, amounting in the aggregate to the sum of \$231,815.

Floor to third story of machine shop.—This shop is now much crowded with machinery, and more room is needed. The third story is well adapted for light machinery, but it is entirely unavailable for want of a proper floor: the small amount asked for this object is much wanted.

Bilge blocks for dry-dock.—The blocks now in the dock have been in almost constant use since the completion of that work, and now require to be renewed. It is important that this work should be done speedily, otherwise the safety of vessels in the dock may be hazarded.

Quay wall.—This work was commenced some years since, but its progress has been retarded for want of means to carry it on, and it is desirable that it should proceed without interruption until completed. Suspensions of work upon objects of this kind are attended with great loss, and as it is regarded one of the most important objects for which estimates are submitted, it is hoped that to secure economy in its construction, liberal appropriations will be granted.

Dredging channels.—It is indispensable that annual appropriations should be made for this object, as the almost constant use of the dredging machine is required to maintain a proper depth of water in front of the yard for the large number of naval vessels visiting this station.

Floor to mold loft.—This building has been completed, with the exception of the floor, which is much needed, and a small amount for this object is highly necessary.

Reappropriation of funds returned to surplus fund for sewer on Flushing avenue and to the Wallabout channel.—The amount asked for this object was once appropriated by Congress, but with a proviso, that no part should be expended unless the city of Brooklyn would agree to build a portion of the work. The city authorities failed to accomplish anything within the time specified by law, and consequently the appropriation was turned over to the surplus fund. These authorities have now agreed to construct their portion of the sewer, and are prepared to commence the work. It is of the utmost importance to the United States that this sewer should be built, and therefore an estimate for the purpose is again submitted.

Boilers for new boiler shop.—An appropriation was made some time since for the erection of a new boiler house for the purpose of concentrating the boilers in one building, so that steam may be generated at one point and conveyed to the engines in the different shops, thereby reducing the number of fires and effecting an economy in the attendance. The building has been completed, and an estimate is again submitted for the amount necessary to procure the requisite boilers, &c.

Boilers for machine shop.—The present boilers have been long in use

and are insufficient to furnish steam for driving all the machinery in this building. This is an important item, as they furnish the power for draining the dry-dock, and driving all the machinery now in operation in the machine shop, and when it becomes necessary to move all the works at the same time, the boilers are insufficient unless higher steam is carried than is deemed advisable.

Machinery for smithery and saw-mill building.—Additional forges and cranes are required in the smithery and much time and labor will be economized by the introduction of new machines in the saw-mill building. These are highly necessary, and an estimate is submitted for their purchase.

Hoisting apparatus for provision store.—This building is now completed and in use, and to facilitate the hoisting of articles to the upper floors, it is proposed to procure a small steam engine with the necessary apparatus. The introduction of this machinery will effect a great saving of labor in receiving and delivering stores, and an appropriation for that purpose is strongly urged.

Repairs of all kinds.—Many of the buildings in this yard require extensive repairs, the small amounts appropriated for the last two years being entirely insufficient to meet the necessary demands upon them. The amount now estimated is believed to be absolutely necessary for the protection and preservation of the public property.

PHILADELPHIA.

The works of improvement upon which expenditures have been made at this yard during the past year, are dredging, dry-dock, and repairs of all kinds, upon which there has been expended the sum of \$49,839.

Under the head of contingent, there has been expended during the year the sum of \$23,328 26.

Estimates are submitted for the fiscal year ending 30th June, 1862, for dredging, six new iron floats for dry-dock, for repairing and operating dry dock, and for repairs of all kinds, amounting in the aggregate to \$72,515.

Dredging.—This is a continuous work, and a small appropriation annually is necessary that sufficient depth of water may be maintained for working the dry-dock and accommodating the naval vessels visiting the yard.

Six new iron floats for dry-dock.—The gradual substitution of iron floats for those of wood will add much to the durability of this costly structure, and it is presumed that when all the wooden tanks have been replaced by those of iron, much of the expense for labor and materials annually required for repairs will be saved. Twelve new floats of iron have been built, and they answer a good purpose. An estimate is now submitted for six additional floats which will complete the number required.

Repairing and operating dry-dock.—This huge structure of wood, exposed as it is to the weather, requires constant watchfulness and frequent repairs; its operation is attended with considerable expense,

and to keep it at all times in condition for safe use, will require the amount for which an appropriation is asked.

Repairs of all kinds.—The buildings at this yard are in good condition; a small amount is asked for the necessary current repairs, which it is believed will be sufficient to meet the demands for that purpose.

WASHINGTON, D. C.

The works of improvement which have been completed at this yard during the past year are: extension of navy store, and anchor shop, and coal houses. The amount expended on these objects during the year is: for labor, \$12,830 39, and for materials \$4,073 25; making an aggregate of \$16,903 64.

The objects upon which expenditures have been made, but which are not yet completed, are: steam engine and machinery for ordnance building; dredging channels; pavements, drains, and gutters; grading and filling; machinery and tools; and repairs of all kinds. Upon these objects there has been expended the sum of \$49,285 21.

Under the head of contingent, there has been expended during the year the sum of \$84,400 87.

Plans and estimates are submitted for the fiscal year ending 30th June, 1862, for the following objects, viz: wall, west side of yard, 540 feet long; machinery and tools; carriage-houses and cart-sheds; shed for flasks of iron foundery; filling, grading, pavements, drains, and gutters; and repairs of all kinds; amounting, in the aggregate, to the sum of \$68,155.

Wall on west side of yard.—This is regarded as an improvement of the utmost importance for the safety of the public property. The only inclosure on that side of the yard is an old, dilapidated board fence, which affords no protection against evil-disposed persons, or even against cattle running at large. The laboratory and ordnance buildings, containing large quantities of combustible and explosive articles, are located very near this fence, and in case of fire the loss of property and life which would probably follow can scarcely be estimated. An appropriation for this important object is strongly urged.

Machinery and tools.—Under this head is embraced a list of machines and tools, which are much needed in the various departments of the yard. The shops are large and convenient, but the experience of the past year has shown the total inadequacy of the machinery to meet the large demands of the service upon this yard with that promptness which is desirable and necessary; to do so, requires a considerable increase in the number of tools.

Carriage-houses and cart-sheds.—These houses and sheds are much needed for the protection and preservation of the carriages, carts, timber-wheels, &c., many of which are now exposed at all times to the weather, much to their injury. The cost of keeping these indispensable articles in proper condition for use is a heavy item of expense, and it is believed that if suitable sheds be erected for their protection the cost would soon be saved in the reduction of repairs.

Shed for flasks for iron foundery.—Around the iron foundery a large number of flasks necessarily accumulate. These, though useful, are

very unsightly objects, and in their present situation are exposed to rust and deterioration by exposure to the atmosphere ; and, as there is no proper place for them, it is proposed to construct a shed along the bank wall, in the rear of the foundery, where they can be preserved, and at all times convenient to the foundery. A small amount only will be required for this object.

Filling, grading, pavements, drains, and gutters.—A small appropriation is asked for the continuation of these highly important and necessary objects. Great improvements have already been made, and much yet remains to be done ; and as such improvements facilitate the transportation of heavy articles, and at the same time are valuable as sanitary measures, the policy of adopting them cannot be questioned.

Repairs of all kinds.—For the necessary repairs of the various buildings, docks, wharves, and other improvements, the amount estimated will be required. The appropriations under this head, for the last two years, have been insufficient to meet the demands for repairs which were actually indispensable.

NORFOLK.

The works of improvement which have been in progress at this yard, but which are not yet completed, are as follow, viz : launching slips and extension of quay wall ; ship-house No. 48 ; provision store ; spar-shed ; dredging channels ; furnaces, cranes, and tools ; machinery and tools ; and repairs of all kinds ; and upon these objects there has been expended for labor, \$34,096, and for materials, \$92,344 51 ; making an aggregate of \$126,440 51.

Under the head of contingent, there has been expended at this yard, during the past year, the sum of \$74,300 86.

Plans and estimates are submitted for the fiscal year ending 30th June, 1862, for the following objects, viz : for continuing quay wall ; dredging, sewerage, filling, and paving ; completing railways and cars ; machinery, tools, cranes, and lighters ; reservoir for stables ; fitting foundery complete ; completing timber-shed No. 17 ; amount due contractors on provision store, and for completing the same ; completing spar-shed ; and for repairs of all kinds ; amounting, in the aggregate to the sum of \$223,066.

Continuation of quay wall.—The amount asked for this object will be nearly sufficient to complete the work as far as slip No. 48, and will, with the portion of the wall already built, inclose in a continuous line about three-fourths of the entire front on the river, but will leave a considerable extent to be completed for the inclosure of the whole yard. This work is of the first importance, and it is very necessary that it should continue in progress, without interruption, until finally completed.

Dredging, filling, sewerage, and paving.—This important service, for which the yard is now provided with improved facilities, should be continued as heretofore, and an estimate of the amount usually expended is therefore embraced.

Completing railways and cars.—This is, properly considered, one of the most important improvements yet authorized for this yard, and,

when completed, will contribute largely to the economy of transportation of the large amount of materials which the operations require to be moved from point to point, and which is now done by the expensive maintenance and slow process of teams. An estimate is, therefore, submitted for the gradual extension of these railways.

Machinery, tools, cranes, and lighters.—The amount asked for under this head is for the purchase of various tools for the different departments, the want of which is daily felt in the execution of the public work.

Reservoir for stables.—In view of the trouble and expense at present incurred in transporting water to this point for the use of the cattle and horses, it is deemed advisable to construct a reservoir at the stables, of sufficient capacity to supply the establishment, and an estimate for that object is submitted.

Fitting foundery complete.—The amount originally estimated for this work has proved insufficient. The excess of cost is due to unforeseen contingencies which have occurred in the progress of the work, and to the furnishing of additional furnaces and fixtures not originally embraced in the estimates. A further appropriation for the complete fitting up of the establishment is much needed, and an estimate is submitted for that object.

Completing timber shed No. 17.—The amount allotted for this building has been exhausted, and it is still in an unfinished state. Various reasons are assigned for the deficiency of the appropriation. When the estimate was made, two sheds were proposed, and it was supposed that the same centerings, scaffoldings, &c., would answer for both buildings, and thus the expense for these articles would be divided, but as one shed only was authorized, all such expenses were charged to No. 17. A large amount for hauling materials, usually charged to contingent, was charged to the building, owing to the exhaustion of the contingent fund. Another source of unexpected expense was the piling necessary for a large portion of the foundation and the difficult nature of the ground upon which the building stands. These causes have combined to swell the cost of the structure beyond the original estimates, and to require an additional appropriation for its completion.

Amount due contractors on provision store and for completing the same.—The cost of this building has exceeded the original estimate; the funds allotted have been expended and the building is in an unfinished state. The principal cause of the excess of cost over the estimate has been the great difficulty encountered and expense incurred in procuring a proper foundation. The building is now far advanced towards completion, and it is of the utmost importance that an appropriation should be made for paying the amounts due to the contractors and for completing the work.

Completing spar-shed.—This building is also in an unfinished state. The same causes which retarded the work upon the provision store operated upon this building. The preparation of the foundation has been exceedingly difficult and expensive. Most of the materials have been procured, and it is very desirable that the building should be completed without further delay.

Repairs of all kinds.—The amount asked for under this head is indispensably necessary for the proper care and preservation of the various buildings and other improvements at this yard. The amounts allotted for the last two years were entirely insufficient to meet the demands upon them, and consequently many of the buildings have suffered for want of timely repairs.

PENSACOLA.

The works of improvement which have been completed at this yard during the past year are: cistern at machine shop; trip-hammer for smithery, and blast pipes. Upon these objects there has been expended during the year the sum of \$4,419 58.

The objects which have been in progress, but which are not yet completed, are: extension of granite wharf; ship-house and slip; mooring, operating, and repairing dock; railways; foundery; constructors' shop; and repairs of all kinds, and upon these there has been expended, \$108,276 46.

Under the head of contingent there has been expended at this yard during the past year, \$43,211 65.

Plans and estimates are submitted for the fiscal year ending 30th June, 1862, for the following objects, viz: continuation of granite wharf; repairing and operating floating dock; dredging in and near deep basin; completing foundery and replacing loss by fire; completing constructor's work-shop, and replacing loss by fire; continuing railway to work-shops; commencing dredging for basin; rebuilding paint shop consumed by fire; new floating gate to dry-dock, to replace that broken by the sea, and for repairs of all kinds, amounting in the aggregate to the sum of \$283,500.

Continuation of extension of granite wharf.—This wharf forms the outer line of wall for the contemplated wet basin, and is regarded as the most important work at this yard. It has been several years in progress, and it is very desirable that it should be continued to completion without interruption. The work is of such character that any suspension of operations is attended with great loss and injury, and it is therefore urged that annual appropriations be made for this object until completed.

Repairing and operating floating dock.—The amount estimated for this object is about the usual annual expenditure, and is necessary for the proper preservation of the structure.

Dredging in and near deep basin.—For the successful operation of the floating dock it is absolutely necessary that the dredging machine should be used occasionally in and near the deep basin, in order to maintain a sufficient depth of water, and for this purpose an estimate is submitted.

Completing foundery and replacing loss by fire.—Some portions of the work for this building were destroyed by fire in consuming the paint shop. The slating upon the roof was much injured by the very severe gale of September last year. This foundery is much needed, there being no sources in the vicinity from which castings of the most simple kind can be obtained without delay.

Completing constructor's work-shop and replacing loss by fire.—The doors and windows for this building were destroyed by the fire which consumed the paint shop, and must be replaced. The shop is much needed, as in this climate it is very important that the workmen should be provided with a proper shelter to protect them during the summer.

Continuing railways to storehouses.—A small amount is submitted for extending these very important facilities for transporting heavy articles. The surface of the yard being of fine sand renders the hauling of heavy loads in the ordinary mode expensive and difficult.

Commencing dredging for basin.—With a view to the construction of a wet basin for the protection of vessels in ordinary and those under repairs, it is proposed to commence the excavation by employing the dredging machine whenever its services are not required at other points. The wet basin is regarded as an object of the first importance, and all works which are calculated to hasten its completion are strongly recommended.

Rebuilding paint shop consumed by fire.—The old paint shop having been consumed by fire, there is now no suitable place for the operations of this department or the stowage of materials belonging to it. A building for the purpose is much needed, and an estimate is submitted for one of suitable size and construction.

New floating gate to dry dock basin to replace that broken in by the sea. The floating gate at the entrance of the dock basin has been so seriously injured by the sea during heavy gales as to require removal. It is an important object, as it prevents the accumulation of sand in the basin and protects the floating dock when not in use. An estimate for a new gate is therefore submitted.

Repairs of all kinds.—At this station wooden structures decay rapidly if neglected. Appropriations for this object have recently been insufficient to keep the various buildings, docks, wharves, and other improvements in a proper state of repair, and it is suggested that unless future appropriations are more liberal, the public interests must suffer.

MARE ISLAND.

The objects which have been in progress, but which are not yet completed, are wharf, officers' houses, cisterns, bishop's derrick, machine shops, &c., guard-house, timber shed, and mold loft No. 39, and repairs of all kinds, and upon these objects there has been expended during the year the sum of \$82,964 57.

Under the head of contingent, there has been expended at this yard during the past year the sum of \$44,237 59.

Plans and estimates are submitted for the fiscal year ending June 30, 1862, for the following objects, viz: completing machine shop, &c.; completing officers' houses No. 7, 9, 11, and 13; completing smithery; completing cooper's shop, &c.; sewers; continuing wharf; continuing grading; continuing paving; cisterns; patent derrick; extension of gas lighting; machinery for machine shop; completing mold loft No. 39,

and for repairs of all kinds, amounting in the aggregate to the sum of \$431,376.

Completing machine shop.—An appropriation was made for commencing this establishment, and the work has been commenced and considerable progress made in its construction. The balance of the amount estimated is now required to complete the buildings, and put them in condition to receive the machinery. There being no government works of this kind on the Pacific coast, where the steam vessels of the Navy can be repaired, it is desirable that this establishment be completed as soon as possible.

Completing officers' houses No. 7, 9, 11, and 13.—These buildings are nearly completed, and are much wanted for the accommodation of the officers attached to the yard. The station is upon an island, and until the houses are finished it is impossible for the officers to obtain quarters at a convenient distance from the yard, and the exposed situation of the public property renders it necessary that they should be present at all times.

Completing smithery.—This was one of the first buildings commenced at the yard, and there being no buildings at the place, the erection of some temporary shops was indispensable, and a portion of the amount allotted for this and other objects was used for the purpose. The smithery has been erected, and part of it in use. The amount now estimated is for completing it, and perfecting the internal arrangements.

Completing cooper's shop, &c.—The amount estimated for this object has proved insufficient to complete it, and an additional appropriation is required. The amount now asked is believed to be amply sufficient for the purpose.

Sewers.—These are necessary for the drainage of the cellars in the yard. Some of these are at times flooded, and tend to injure the health of those occupying the buildings. The object is considered an important one.

Continuing wharf.—This is a very important work, and should be continued without interruption until a sufficient front is completed to furnish ample room for such vessels as visit the yard.

Continuing grading.—The surface of this yard is very high and irregular, and a considerable amount of grading is necessary to prepare the sites for buildings in contemplation, and to provide working ground for carrying on the operations of the yard. It is an important object, and annual appropriations should be made for it.

Continuing paving.—As the surface of the yard is graded and brought into use pavements become indispensable, for the soil is of such a character that, during the rainy seasons, the roads and passways become almost impassable unless paved. This work should progress regularly, as the wants of the service require.

Cisterns.—Unsuccessful attempts have been made to obtain a supply of fresh water by means of wells, and it is believed that the only sure method is to construct large cisterns to receive and retain the rain water from the various buildings in the yard. Some have already been built, and furnish a partial supply; others are needed, and an appropriation for this object is deemed of much importance.

Completing patent derrick.—A small additional appropriation is necessary to complete this important object. The yard at present has no facilities for raising very heavy articles, such as masts, anchors, boilers, &c., and the want of some machine for the purpose often causes inconvenience and expense.

Extension of gas lighting.—Gas has been introduced into this yard, and has proved beneficial. It is now proposed to extend the pipes to other parts of the yard where light is needed. The great extent of unprotected shore line renders an additional number of lights essential for the protection of the public property.

Machinery for machine shop.—This establishment being considerably advanced in construction, an estimate is submitted for a partial supply of machinery, so that it may be ready for setting up as soon as the buildings are prepared to receive it, and thus afford the means for making such repairs as may be required for steam vessels of the Navy on the Pacific station.

Completing mold loft No. 39.—This building is well advanced, but owing to the great cost of some of the materials the amount allotted will not be sufficient to complete it. A small additional appropriation is, therefore, asked for this object.

Repairs of all kinds.—For the necessary repairs of the different buildings, wharves, dry-dock, and other improvements, the estimate submitted will be required.

SACKETT'S HARBOR.

The only expenditures at this station have been for necessary repairs of buildings, wharves, &c., amounting to \$1,129 63.

Estimates are submitted for the fiscal year ending June 30, 1862, for repairing the old cob dock to protect the ship-house and harbor, and for repairs of all kinds, amounting to \$7,257.

An appropriation for these objects is necessary to preserve the public property from destruction. The waters of the lake have made great encroachments upon the old cob dock, which was built for the protection of the ship-house. It is now in a very dilapidated condition, and unless speedily repaired will be washed away, and leave the ship-house entirely exposed to the wash of the waters of the lake.

HOSPITALS.

Portsmouth, New Hampshire.—At this station there are no proper and comfortable quarters provided for the sick. Ships with an epidemic sickness on board are generally ordered to the most northern ports, and it is important that a proper building should be prepared for the reception and treatment of the sick. An estimate is therefore submitted for a small hospital, where invalids can be properly cared for and their wants supplied. The amount asked for this object is \$12,378.

Boston.—For the necessary annual repairs of the hospital building and its appendages, there has been expended during the past year the sum of \$2,705 03.

For the repairs of buildings and fences, and care of public grounds, there will be required for the fiscal year ending June 30, 1862, the sum of \$2,500.

New York.—For the necessary repairs of the hospital, surgeon's house, fences, furniture, &c., there has been expended during the past year the sum of \$4,841 88.

Estimates are submitted for the fiscal year ending June 30, 1862, for a house for the director of the laboratory, repairs of laboratory and apparatus, and hospital buildings, amounting in the aggregate to the sum of \$16,100.

Philadelphia Naval Asylum.—The amount expended at this institution for general repairs of buildings, furniture, furnaces and grates, gas, water rent, and care of public grounds, is \$6,896 22.

Estimates are submitted for the fiscal year ending June 30, 1862, for furniture and repairs of same, house cleaning and whitewashing, repairs to furnaces, grates, and ranges, gas and water rent, painting surgeon's house and wall on Shippen street, floors in main buildings, extension of main sewer, and miscellaneous repairs, amounting to the sum of \$6,400, and for the support of the beneficiaries, \$27,000, making an aggregate of \$33,400.

Washington.—No expenditures have been made during the past year. For the fiscal year ending June 30, 1862, there will be required for repairs of building and fences, the sum of \$1,000.

Norfolk.—For repairs of buildings, gas pipes and fixtures, filling up low places and grading, and for water closets, there has been expended during the past year the sum of \$16,465 88.

Estimates are submitted for the fiscal year ending June 30, 1862, for general repairs of buildings, amounting to \$8,000.

Pensacola.—For general repairs of hospital buildings, care of grounds, and draining and filling ponds, there has been expended during the past year \$11,121 55.

Estimates are submitted for the fiscal year ending June 30, 1862, for repairs of all kinds, and draining and filling ponds, amounting to \$27,500.

MAGAZINES AND ORDNANCE WORKS.

Portsmouth, New Hampshire.—Since the last annual report, the gun-carriage shop and storehouse has been nearly completed; the boiler room is finished, and the engine and boiler set up. The whole establishment will soon be completed and in operation. Five hundred feet of gun skids have been set up in the park; permanent shot beds of stone masonry and brick floors are in progress. The new powder magazine has been progressing under contract; the foundations are laid, and the walls are about one half up to the proper height. The necessary repairs have been made upon the magazine buildings; and for these objects there has been expended during the past year \$39,759 80. No appropriation is required at this yard for the next year.

Boston.—For the necessary repairs of buildings, &c., there has been expended during the past year the sum of \$1,399.

Estimates are submitted for the fiscal year ending June 30, 1862,

for building a powder boat and for repairs of all kinds, amounting to \$5,400.

New York.—The objects upon which expenditures have been made during the past year are, dredging at Ellis's Island, machinery, and general repairs; and upon them there has been expended the sum of \$5,502 26. No appropriation is asked for the next year.

Philadelphia.—For the repairs of landing wharf, there has been expended during the past year the sum of \$252 39. No appropriation is asked for the next year.

Washington.—During the past year there has been expended for repairs upon magazine, storehouse, keeper's house, wharf, and fences, the sum of \$2,172 90.

An estimate is submitted for the fiscal year ending June 30, 1862, for repairing and improving the ordnance building, amounting to \$6,000.

Norfolk.—The works which have been completed during the past year, are ordnance building, sea wall at Fort Norfolk, stone pier and landing at magazine, and powder boat. Other works which have been in progress are, shot platforms, gun skids, machinery, iron crane at Fort Norfolk, and repairs of buildings; and upon these several objects there has been expended during the year the sum of \$73,265 17.

Estimates are submitted for the fiscal year ending June 30, 1862, for additional shot beds and gun skids, fitting up additional storehouse at magazine, and for repairs of all kinds, amounting in the aggregate to the sum of \$12,500.

Pensacola.—For repairs of magazine and dependencies, there has been expended during the past year \$987 27.

An estimate is submitted for the fiscal year ending 30th June, 1862, for a new magazine building, amounting to \$47,000. The present magazine, located very near the yard, is too small to supply the wants of this station, and requires very extensive repairs. It is proposed to erect a new building of larger dimensions, and more remote from the yard and town of Woolsey, and to repair the old building and convert it into a shell-house. These improvements are highly important and necessary.

Mare Island.—The new magazine has been completed, and the amount expended during the past year is \$6,319 06. No appropriation is required for the next year.

NAVAL ASYLUM.

This free home, furnished by the government for the old worn out sailor, is nearly full, and it will soon be necessary to enlarge the accommodations for the benefit of this class of beneficiaries.

In previous reports I have stated reasons why the asylum, in my opinion, should be removed to the sea-shore. That opinion is still entertained, but if Congress shall continue the institution at its present location an appropriation will be asked for next year to enlarge the building. But this enlargement will not become necessary if the recommendations in my former reports in reference to an allowance of a yearly stipend to the beneficiaries in lieu of a residence in the asylum

shall be approved by law. I respectfully refer you to the detailed plan in my last annual report.

The order of the institution during the past year has generally been good, and its business affairs administered with fidelity and economy.

The following statistics which have been furnished the bureau by Mr. Dyre, a clerk in the Naval Asylum, may prove interesting:

Statement of the number, average age, place of birth, &c., of the beneficiaries of the United States Naval Asylum, Philadelphia, January 1, 1860.

| | |
|---|-----------|
| Number of beneficiaries on rolls..... | 146 |
| Number of beneficiaries on "leave of absence" | 17 |
| Average age of beneficiaries on rolls..... | 65 years. |
| Average age of beneficiaries on leave | 57 " |

Of the beneficiaries *now* on the rolls, and including those who have died within the past ten years, the average age at the *date of their admission* was 58½ years.

Oldest man now on the rolls, Jeremiah Miller, aged 87 years.

Youngest man now on the rolls, John Nugent, aged 28 years.

There are two men whose ages are 85 years and upwards; one aged 84; two 82 years, and three 80 years each.

There are 10 men from 75 to 80 years of age.

There are 25 men from 70 to 75 years of age.

There are 32 men from 65 to 70 years of age.

There are 33 men from 60 to 65 years of age.

There are 24 men from 55 to 60 years of age.

There are 9 men from 50 to 55 years of age.

There are 3 men from 45 to 50 years of age.

There is 1 aged 36 years, and 1 aged 28 years.

Of the beneficiaries now on the rolls 108 were born in the United States, viz: 25 in Pennsylvania, 24 in New York, 13 in Maine; 8 in Massachusetts, 8 in Maryland, 6 in New Jersey, 5 in Rhode Island, 4 in New Hampshire, 3 in Louisiana, 2 in Delaware, 2 in Connecticut, 2 in Virginia, 2 in District of Columbia, 1 in South Carolina, 1 in Michigan, 1 in Vermont, and 1 in North Carolina.

In foreign countries, 15 were born in Ireland, 4 in England, 4 in Scotland, 4 in Sweden, 2 in Denmark, 2 in Poland, 1 in Germany, 1 in Wales, 1 in Belgium, 1 in Italy, 1 in Finland, 1 in Mexico, and 1 unknown.

Average *length of service*, including 24 men who had not served the requisite number of years to entitle them to admission, (viz: 20 years,) but were admitted as beneficiaries on account of injuries received, 24½ years.

Longest term of service, George D. Dods, 45 years.

William Speed, 45 years.

Shortest term of service, William McGilley, 3 years.

John Nugent, 3 years.

There are six beneficiaries who have served, each, for the term of 40 years and upwards; 5 from 35 to 40 years; 12 from 30 to 35 years;

37 from 25 to 30 years; 58 from 20 to 25 years; 17 from 15 to 20 years; 3 from 10 to 15 years, and 4 less than 10 years.

Average number of deaths per year (within the past ten years) 11.

The average age of the beneficiaries (who have died within the past ten years) at the time of their decease, was 66 years, 8 months.

Thomas Johnson, at the time of his death, was 100 years of age; James Beans, $95\frac{9}{12}$; Edward Keys, $93\frac{4}{12}$; Joseph Dalrymple, 93; Solomon White, (a Long Island Indian,) 88; and John Goodwin, 85 years of age. Five men were between 80 and 85 years of age at the time of their death; 9 between 75 and 80; 18 between 70 and 75; 16 between 65 and 70; 16 between 60 and 65; 11 between 55 and 60; and 8 between 50 and 55. The remainder were under 50 when they died.

The youngest man was Benedict Wells, who was forty-two years of age at the time of his death.

Of those who have died within the past ten years, the average length of time they were inmates of the institution was six years and three months.

Richard Jones, at the time of his decease, had been an inmate for 16 years and 2 months; Joseph Dalrymple, 16 years 26 days; John Ward, 16 years 3 days; Benedict Wells but 19 days, and William Webber but 20 days; 5 beneficiaries for 14 years, 2 for 13 years, 5 for 12 years, 5 for 11 years, 5 for 10 years, 4 for 9 years, 5 for 8 years, 7 for 7 years, and the remainder less than 7 years.

Of the beneficiaries *now* on the rolls, 1 has been an inmate for 19 years, 3 for 18 years, 3 for 17 years, 4 for 16 years, 5 for 15 years, 4 for 14 years, 3 for 13 years, 8 for 12 years, 10 for 11 years, 7 for 10 years, 25 between 5 and 10 years, and the remainder less than 5 years.

The expenses for the fiscal year ending June 30, 1860, were as follows, viz:

| | |
|--|------------------|
| Subsistence..... | \$11,482 12 |
| Clothing, tobacco, &c..... | 6,950 93 |
| Miscellaneous items..... | 3,046 92 |
| Officers of the Navy and attendants..... | 15,442 00 |
| Total..... | <u>36,921 97</u> |

The number of inmates in the asylum, including officers and attendants, is one hundred and seventy-seven. Twenty-three permits have been granted to applicants and twenty-one deaths have occurred during the past year.

TIMBER AGENCIES.

There has been less depredation on the public lands during the past year than formerly. The timber agents have generally been faithful in the discharge of their duties, and by personal vigilance prevented, in a great measure, trespasses upon the naval reservations.

In former reports I have called attention to the necessity of cherish-

ing this important public interest, especially for the reason that if, from any cause, the timber suitable for naval purposes should be pilaged, wasted, or destroyed, a sufficient supply could not be obtained either on our own shores or from abroad.

The expense incurred for its protection averages about ten thousand dollars per annum, and this outlay is very inconsiderable, compared with the important interests involved. If no preventive measures were in force, an incalculable amount of naval timber would yearly be taken away by spoliators and sold to the agents for foreign governments, or appropriated to private and speculative purposes.

I again commend this interest to the fostering care of the department.

I have the honor to be, with great respect, your obedient servant,
JOS. SMITH,
Chief of Bureau.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

Y. & D., A.

General estimate from the Bureau of Yards and Docks for the fiscal year ending June 30, 1862, in addition to the balances remaining unexpended July 1, 1861.

| Objects. | Estimated for the year ending June 30, 1862. | Estimated for the year ending June 30, 1861. |
|--|--|--|
| 1. For the pay of commission, warrant, and petty officers, (see paper Y. & D., No. 4)..... | \$307,384 00 | \$262,774 00 |
| 2. For the pay of superintendents, naval constructors, and all the civil establishment, at the several yards and stations, (see Y. & D., No. 4)..... | 148,104 00 | 148,604 00 |
| 3. For necessary repairs at yards and stations, (see Y. & D., No. 5)..... | 147,797 00 | 121,000 00 |
| 4. For hospital buildings and their dependencies, including the naval asylum, (see Y. & D., No. 6)..... | 108,078 00 | 70,420 00 |
| 5. For ordnance works, magazines, and their dependencies, (see Y. & D., No. 7)..... | 70,900 00 | 65,994 00 |
| 6. For contingent expenses that may accrue during the fiscal year for the following purposes, viz: For the freight and transportation of materials and stores for yards and docks; for printing and stationery; for books, maps, models, and drawings; for the purchase and repair of fire engines; for machinery of every description, and the patent right to use the same; for the repair of steam engines and attendance on the same in the navy-yards; for docking vessels; for the purchase and maintenance of horses and oxen, and driving teams; for carts, timber, wheels, and workmen's tools of every description, and repairing the same; for postage of letters on public service; for furniture for government houses; for coals and other fuel; for candles and oil for use of navy-yards and stations; for cleaning and clearing up yards; for flags, awnings, and packing-boxes; for watchmen and for incidental labor at navy-yards not applicable to any other appropriation..... | 481,000 00 | 478,000 00 |
| | 1,263,263 00 | 1,146,792 00 |

SECRETARY OF THE NAVY.

JOS. SMITH.

BUREAU OF YARDS AND DOCKS, October 8, 1860.

Y. & D., No. 1.

Estimate of the amount required for the support of the Bureau of Yards and Docks for the fiscal year ending June 30, 1862.

| | |
|---|---------------|
| For salary of the chief of the bureau, per act of August 31, 1842, Statutes at Large, vol. 5, chap. 286, section 3, page 579... | \$3,500 |
| For salary of chief clerk, fourth class, per act of March 3, 1853, Statutes at Large, pamphlet edition, chapter 97, section 3, page 210..... | 1,800 |
| For salaries of five clerks, including draughtsman, (four of second class, one of first class,) per act of March 3, 1853, Statutes at Large, pamphlet edition, chap. 97, section 3, page 210; and act of April 22, 1854, Statutes at Large, pamphlet edition, chap. 52, section 1, page 276..... | 6,800 |
| For salary of messenger, per act of August 31, 1842, Statutes at Large, vol. 5, chap. 286, section 6, page 580; act of April 22, 1854, pamphlet edition, Statutes at Large, chap. 52, section 2, page 276; act of August 4, 1854, pamphlet edition, Statutes at Large, chap. 242, section 6, page 572; and joint resolution No. 18, August 18, 1856, pamphlet edition, Statutes at Large, page 145..... | 840 |
| For wages of two laborers, one for the bureau, the other for the office of the engineer and draughtsman, per act of August 4, 1854, pamphlet edition, Statutes at Large, chap. 242, section 6, page 572; and joint resolution No. 18, of August 18, 1856, pamphlet edition, Statutes at Large, page 145..... | 1,200 |
| | <u>14,140</u> |
| Appropriated for the year ending June 30, 1861 | <u>14,140</u> |

Contingent Expenses.

| | |
|--|-------|
| For stationery, book, plans, drawings, and incidental labor... | \$800 |
| Appropriated for year ending June 30, 1861..... | \$800 |

JOS. SMITH.

BUREAU OF YARDS AND DOCKS,
October 8, 1860.

Y. & D., No. 2.

Estimate of the pay of the officers attached to the recruiting stations for the year ending June 30, 1862, if no alteration is made in the number of stations.

| Rank. | Boston. | New York. | Philadelphia. | Baltimore. | Norfolk. | New Orleans. | Total. | Aggregate. |
|-------------------|---------|-----------|---------------|------------|----------|--------------|--------|------------|
| Commanders | 1 | 1 | 1 | 1 | 1 | 1 | 6 | \$15,972 |
| Lieutenants | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 11,250 |
| Surgeons..... | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 14,400 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 18 | 41,622 |

BUREAU OF YARDS AND DOCKS, October 8, 1860.

Y. & D., No. 3.

Estimate of the pay of officers and others at navy-yards and stations for the fiscal year ending June 30, 1862.

PORTSMOUTH, N. H.

| No. | Officers, &c. | Pay. | Aggregate |
|-----------|--|---------|-----------|
| NAVAL. | | | |
| 1 | Captain | \$3,660 | |
| 1 | Commander | 2,662 | |
| 2 | Lieutenants, at \$1,875 each..... | 3,750 | |
| 1 | Master | 1,100 | |
| 1 | Surgeon..... | 2,400 | |
| 1 | Paymaster | 2,400 | |
| 1 | Chaplain..... | 1,500 | |
| 1 | Boatswain | 1,000 | |
| 1 | Gunner..... | 1,000 | |
| 1 | Carpenter..... | 1,000 | |
| 1 | Sailmaker | 1,000 | |
| 1 | Paymaster's assistant, when performing the duties of clerk also, (act March 31, 1852)..... | 750 | |
| 1 | Steward, (Surgeon's)..... | 480 | |
| ORDINARY. | | | |
| 1 | Seamen, at \$180 each..... | 2,160 | |
| 6 | Ordinary seamen, at \$144 each..... | 864 | |
| | | | \$22,642 |
| | | | 3,024 |

REPORT OF THE
Y. & D., No. 3—Continued.

PORTSMOUTH, N. H.—Continued.

| No. | Officers, &c. | Pay. | Aggregate. |
|------------|--------------------------------------|---------|------------|
| CIVIL. | | | |
| 1 | Storekeeper | \$1,500 | |
| 1 | Naval constructor..... | 2,600 | |
| 1 | Civil engineer..... | 1,800 | |
| 1 | Draughtsman to engineer | 900 | |
| 1 | Superintendent floating-dock..... | 1,000 | |
| 1 | Foreman and inspector of timber..... | 1,050 | |
| 1 | Clerk of the yard..... | 900 | |
| 1 | Clerk to the commandant | 900 | |
| 1 | Clerk to the storekeeper..... | 900 | |
| 1 | Clerk to the naval constructor..... | 800 | |
| 1 | Porter | 456 | |
| Total..... | | | \$12,806 |
| | | | 38,472 |

BOSTON.

| | | | |
|-----------|--|---------|----------|
| NAVAL. | | | |
| 1 | Captain | \$3,600 | |
| 1 | Commander | 2,825 | |
| 2 | Lieutenants, at \$1,875 each..... | 3,750 | |
| 1 | Master | 1,100 | |
| 1 | Surgeon | 2,600 | |
| 1 | Paymaster | 2,600 | |
| 1 | Chaplain..... | 1,500 | |
| 1 | Boatswain..... | 1,100 | |
| 1 | Gunner | 1,100 | |
| 1 | Carpenter..... | 1,100 | |
| 1 | Sailmaker | 1,100 | |
| 1 | Gunner, (keeper of magazine) | 1,100 | |
| 1 | Clerk to paymaster, (act June 22, 1860)..... | 750 | |
| 1 | Steward, (paymaster's)..... | 480 | |
| 1 | Steward, (surgeon's)..... | 480 | |
| | | | \$25,185 |
| HOSPITAL. | | | |
| 1 | Surgeon | 2,600 | |
| 1 | Assistant surgeon..... | 1,050 | |
| 1 | Steward | 480 | |
| 1 | Matron..... | 204 | |
| 2 | Nurses, at \$180 each..... | 360 | |
| 1 | Cook..... | 204 | |
| 1 | Washer..... | 144 | |
| 3 | Watchmen, at \$240 each..... | 720 | |
| | | | 5,762 |
| CIVIL. | | | |
| 1 | Storekeeper | 1,700 | |
| 1 | Naval constructor..... | 2,600 | |
| 1 | Civil engineer..... | 2,000 | |
| 1 | Assistant engineer..... | 1,200 | |
| 1 | Draughtsman to engineer..... | 900 | |
| 1 | Master machinist and steam engineer..... | 2,000 | |
| 1 | Measurer and inspector of timber..... | 1,050 | |

Y. & D., No. 3—Continued.

BOSTON—Continued.

| No. | Officers, &c. | Pay. | Aggregate. |
|-----|--|---------|-----------------|
| 1 | Clerk of the yard..... | \$1,200 | |
| 1 | Clerk to the commandant..... | 1,200 | |
| 1 | Clerk (second) to the commandant..... | 960 | |
| 1 | Clerk to the storekeeper..... | 1,200 | |
| 1 | Clerk (second) to the storekeeper..... | 900 | |
| 1 | Clerk to inspector of provisions and clothing..... | 750 | |
| 1 | Clerk to the naval constructor..... | 800 | |
| 1 | Porter..... | 456 | |
| | Total..... | | \$18,916 |
| | | | 49,863 |

NOTE.—The surgeon of the yard will attend to the marines also.

NEW YORK.

| NAVAL. | | | |
|-------------|--|---------|-----------------|
| 1 | Captain..... | \$3,600 | |
| 1 | Commander..... | 2,825 | |
| 3 | Lieutenants, at \$1,875 each..... | 5,625 | |
| 1 | Master..... | 1,100 | |
| 1 | Surgeon..... | 2,600 | |
| 1 | Paymaster..... | 2,600 | |
| 1 | Chaplain..... | 1,500 | |
| 1 | Boatswain..... | 1,100 | |
| 1 | Gunner..... | 1,100 | |
| 1 | Carpenter..... | 1,100 | |
| 1 | Sailmaker..... | 1,100 | |
| 1 | Gunner, keeper of magazine..... | 1,100 | |
| 1 | Clerk to paymaster, (act June 22, 1860)..... | 750 | |
| 1 | Steward, (paymaster's)..... | 480 | |
| 1 | Steward, (surgeon's)..... | 480 | |
| | | | \$27,060 |
| HOSPITAL. | | | |
| 1 | Surgeon..... | 2,600 | |
| 2 | Assistant surgeons, at \$1,050 each..... | 2,100 | |
| 1 | Hospital steward..... | 480 | |
| 1 | Matron..... | 240 | |
| 4 | Nurses, at \$180 each..... | 720 | |
| 2 | Washers, at \$144 each..... | 288 | |
| 2 | Cooks, at \$168 each..... | 336 | |
| 1 | House-cleaner..... | 144 | |
| 1 | Messenger..... | 144 | |
| 1 | Gate-keeper..... | 360 | |
| 1 | Gardener..... | 276 | |
| 1 | Porter..... | 180 | |
| 2 | Watchmen, at \$240 each..... | 480 | |
| 1 | Engineer for steam-pump..... | 480 | |
| | | | 8,792 |
| LABORATORY. | | | |
| 1 | Surgeon., directory of laboratory..... | 2,600 | |
| 1 | Assistant surgeon..... | 1,050 | |

REPORT OF THE
Y. & D., No. 3—Continued.

NEW YORK—Continued.

| No. | Officers, &c. | Pay. | Aggregate. | |
|--|---|-------|------------|--------|
| 1 | Laborer | \$360 | \$4,910 | |
| 1 | Engineer | 600 | | |
| 1 | Fireman..... | 300 | | |
| CIVIL. | | | | |
| 1 | Storekeeper..... | 1,700 | 17,716 | |
| 1 | Naval constructor..... | 2,600 | | |
| 1 | Civil engineer..... | 2,500 | | |
| 1 | Assistant engineer and superintendent of dry-dock | 1,500 | | |
| 1 | Draughtsman to engineer..... | 900 | | |
| 1 | Inspector and measurer of timber..... | 1,050 | | |
| 1 | Clerk to the yard..... | 1,200 | | |
| 1 | Clerk to the commandant..... | 1,200 | | |
| 1 | Clerk (second) to the commandant | 960 | | |
| 1 | Clerk to the storekeeper | 1,200 | | |
| 1 | Clerk (second) to the storekeeper. | 900 | | |
| 1 | Clerk to the inspector of provisions and clothing | 750 | | |
| 1 | Clerk to the naval constructor | 800 | | |
| 1 | Porter..... | 456 | | |
| | Total..... | | | 58,478 |
| <p>NOTE.—The surgeon of the yard will attend the marines also.</p> | | | | |

PHILADELPHIA.

| NAVAL. | | | | |
|-----------|---|---------|----------|-------|
| 1 | Captain..... | \$3,600 | \$23,122 | |
| 1 | Commander. | 2,662 | | |
| 2 | Lieutenants, at \$1,875 each..... | 3,750 | | |
| 1 | Master..... | 1,100 | | |
| 1 | Surgeon | 2,400 | | |
| 1 | Paymaster | 2,400 | | |
| 1 | Chaplain..... | 1,500 | | |
| 1 | Boatswain | 1,000 | | |
| 1 | Gunner..... | 1,000 | | |
| 1 | Carpenter | 1,000 | | |
| 1 | Sailmaker..... | 1,000 | | |
| 1 | Paymaster's assistant, when performing duties of clerk also.... | 750 | | |
| 1 | Steward, (paymaster's) | 480 | | |
| 1 | Steward, (surgeon's)..... | 480 | | |
| HOSPITAL. | | | | |
| 1 | Surgeon | 2,600 | | 5,212 |
| 1 | Passed assistant surgeon..... | 1,400 | | |
| 1 | Steward, (surgeon's)..... | 480 | | |
| 1 | Cook | 156 | | |
| 2 | Nurses, at \$180 each..... | 360 | | |
| 2 | Washers, at \$108 each | 216 | | |

Y. & D., No. 3—Continued.

PHILADELPHIA—Continued.

| No. | Officers, &c. | Pay. | Aggregate. |
|---|--|---------|---------------|
| NAVAL ASYLUM. | | | |
| 1 | Captain..... | \$3,600 | |
| 1 | Commander..... | 2,662 | |
| 1 | Lieutenant..... | 1,875 | |
| 1 | Chaplain..... | 1,500 | |
| 1 | Secretary..... | 900 | |
| 1 | Carpenter..... | 1,100 | |
| 1 | Steward to asylum..... | 480 | |
| 1 | Purser's assistant..... | 750 | |
| 1 | Matron..... | 204 | |
| 6 | Washers, at \$108 each..... | 648 | |
| 1 | Cook..... | 168 | |
| 2 | Assistant cooks, one at \$120 and one at \$96..... | 216 | |
| 6 | Laundresses, at \$108 each..... | 648 | |
| 8 | Scrubbers and house-cleaners, at \$96 each..... | 768 | |
| 4 | Laborers, at \$180 each..... | 720 | |
| 1 | Master-at-arms..... | 300 | |
| 1 | Ship's corporal..... | 240 | |
| | | | \$16,779 |
| CIVIL. | | | |
| 1 | Storekeeper..... | 1,500 | |
| 1 | Naval constructor..... | 2,600 | |
| 1 | Superintendent of floating-dock and machinery..... | 1,000 | |
| 1 | Measurer and inspector of timber..... | 1,050 | |
| 1 | Clerk of the yard..... | 900 | |
| 1 | Clerk to commandant..... | 900 | |
| 1 | Clerk to the storekeeper..... | 900 | |
| 1 | Clerk (2d) to the storekeeper..... | 750 | |
| 1 | Clerk to naval constructor..... | 800 | |
| 1 | Porter..... | 456 | |
| | | | 10,856 |
| | Total..... | | 55,969 |
| <p>NOTE.—The surgeon of the yard is to attend the marines also.</p> | | | |

WASHINGTON.

| | | | |
|---------------|--|---------|--|
| NAVAL. | | | |
| 1 | Captain..... | \$3,600 | |
| 1 | Commander..... | 2,662 | |
| 1 | Lieutenant..... | 1,875 | |
| 1 | Master..... | 1,100 | |
| 1 | Surgeon..... | 2,400 | |
| 1 | Paymaster..... | 2,400 | |
| 1 | Chaplain..... | 1,500 | |
| 1 | Boatswain..... | 1,000 | |
| 1 | Gunner..... | 1,000 | |
| 1 | Carpenter..... | 1,000 | |
| 1 | Paymaster's assistant, when performing duties as clerk also... | *900 | |

WASHINGTON—Continued.

| No. | Officers, &c. | Pay. | Aggregate. |
|-----|--|--------|------------|
| 1 | Steward, paymaster's..... | \$480 | |
| 1 | Steward, surgeon's..... | 480 | |
| | ORDINARY. | | \$20,397 |
| 10 | Ordinary seamen, at \$120 each..... | 1,200 | 1,200 |
| | CIVIL. | | |
| 1 | Storekeeper..... | 1,700 | |
| 1 | Civil engineer..... | 3,000 | |
| 1 | Draughtsman..... | 900 | |
| 1 | Inspector of timber..... | 900 | |
| 1 | Clerk of the yard..... | *1,440 | |
| 1 | Clerk to the commandant..... | *1,440 | |
| 1 | Clerk (2d) to the commandant..... | *1,152 | |
| 1 | Clerk to the storekeeper..... | *1,440 | |
| 1 | Clerk (2d) to the storekeeper..... | *1,080 | |
| 1 | Steam engineer and machinist..... | 1,500 | |
| 1 | Master tank and camboose maker..... | 1,250 | |
| 1 | Master chain, cable, and anchor maker..... | 1,250 | |
| 1 | Pyrotechnist..... | 1,500 | |
| 1 | Messenger..... | *840 | |
| 1 | Keeper of the magazine..... | 480 | |
| 1 | Porter..... | 456 | |
| | Total..... | | 20,328 |
| | | | 41,925 |

NOTE.—The surgeon of the yard will attend to the marines also.

*The estimate for the clerks and messenger of the Washington navy-yard is based upon the act of June 12, 1858, which allows an increase of 20 per centum upon former salaries.

NORFOLK.

| NAVAL. | | | |
|--------|---|---------|----------|
| 1 | Captain..... | \$3,600 | |
| 1 | Commander..... | 2,825 | |
| 3 | Lieutenants, at \$1,875 each..... | 5,625 | |
| 1 | Master..... | 1,100 | |
| 1 | Surgeon..... | 2,600 | |
| 1 | Paymaster..... | 2,600 | |
| 1 | Chaplain..... | 1,500 | |
| 2 | Boatswains, at \$1,100 each..... | 2,200 | |
| 2 | Gunners, at \$1,100 each..... | 2,200 | |
| 2 | Carpenters, at \$1,100 each..... | 2,200 | |
| 1 | Sailmaker..... | 1,100 | |
| 1 | Gunner, keeper of magazine..... | 1,100 | |
| 1 | Clerk to paymaster, (act of June 22, 1860)..... | 750 | |
| 1 | Steward, paymaster's..... | 480 | |
| 1 | Steward, surgeons..... | 480 | |
| | | | \$30,360 |

Y. & D., No. 3—Continued.

NORFOLK—Continued.

| No. | Officers, &c. | Pay. | Aggregate. | |
|---|--|---------|------------|--------|
| HOSPITAL. | | | | |
| 1 | Surgeon..... | \$2,600 | \$7,990 | |
| 1 | Passed assistant surgeon..... | 1,400 | | |
| 1 | Assistant surgeon..... | 1,050 | | |
| 1 | Steward..... | 480 | | |
| 1 | Matron..... | 204 | | |
| 1 | Gardener..... | 276 | | |
| 3 | Nurses, at \$120 each..... | 540 | | |
| 2 | Cooks, at \$168 each..... | 336 | | |
| 2 | Washers, at \$144 each..... | 288 | | |
| 4 | Boatmen, at \$168 each..... | 672 | | |
| 1 | Boy..... | 144 | | |
| CIVIL. | | | | |
| 1 | Storekeeper..... | 1,700 | | 17,566 |
| 1 | Naval constructor..... | 2,600 | | |
| 1 | Civil engineer..... | 2,500 | | |
| 1 | Assistant engineer..... | 1,200 | | |
| 1 | Draughtsman to engineer..... | 900 | | |
| 1 | Inspector of timber..... | 1,200 | | |
| 1 | Clerk of the yard..... | 1,200 | | |
| 1 | Clerk to the commandant..... | 1,200 | | |
| 1 | Clerk (2d) to the commandant..... | 960 | | |
| 1 | Clerk to the storekeeper..... | 1,200 | | |
| 1 | Clerk (2d) to the storekeeper..... | 900 | | |
| 1 | Clerk to the inspector of provisions and clothing..... | 750 | | |
| 1 | Clerk to naval constructor..... | 800 | | |
| 1 | Porter..... | 456 | | |
| Total..... | | | 55,916 | |
| <p>NOTE.—The surgeon of the yard will attend to the marines also.</p> | | | | |

PENSACOLA.

| NAVAL. | | | |
|---------------|---|---------|----------|
| 1 | Captain..... | \$3,600 | \$24,085 |
| 1 | Commander..... | 2,825 | |
| 2 | Lieutenants at \$1,875 each..... | 3,750 | |
| 1 | Master..... | 1,100 | |
| 1 | Surgeon..... | 2,600 | |
| 1 | Paymaster..... | 2,600 | |
| 1 | Chaplain..... | 1,500 | |
| 1 | Boatswain..... | 1,100 | |
| 1 | Gunner..... | 1,100 | |
| 1 | Carpenter..... | 1,100 | |
| 1 | Sailmaker..... | 1,100 | |
| 1 | Paymaster's assistant when performing duties of clerk also... | 750 | |
| 1 | Steward, (paymaster's)..... | 480 | |
| 1 | Steward, (surgeon's)..... | 480 | |

Y. & D., No. 3—Continued.

PENSACOLA.—Continued.

| No. | Officers, &c. | Pay. | Aggregate. |
|--|---|---------|------------|
| ORDINARY. | | | |
| 1 | Lieutenant | \$1,875 | |
| 1 | Carpenter's mate | 228 | |
| 2 | Boatswain's mates, each \$228 | 456 | |
| 1 | Cook | 228 | |
| 10 | Seamen, at \$180 each | 1,800 | |
| 40 | Ordinary seamen, each \$144 | 5,760 | |
| | | | \$10,347 |
| HOSPITAL. | | | |
| 1 | Surgeon | 2,600 | |
| 2 | Assistant surgeons, each \$1,050 | 2,100 | |
| 1 | Steward | 480 | |
| 1 | Matron | 250 | |
| 3 | Nurses, at \$180 each | 540 | |
| 2 | Cooks, at \$168 each | 336 | |
| 3 | Washes, at \$144 each | 432 | |
| 1 | Carter | 144 | |
| 1 | Messenger | 168 | |
| 3 | Watchmen, \$360 each | 1,080 | |
| | | | 8,130 |
| CIVIL. | | | |
| 1 | Storekeeper | 1,700 | |
| 1 | Naval constructor | 2,600 | |
| 1 | Civil engineer | 3,000 | |
| 1 | Assistant engineer and draughtsman | 1,200 | |
| 1 | Measurer and inspector of timber | 900 | |
| 1 | Superintendent of floating dock and machinery | 1,000 | |
| 1 | Clerk of the yard | 1,200 | |
| 1 | Clerk to the commandant | 1,200 | |
| 1 | Clerk (2d) to the commandant | 960 | |
| 1 | Clerk to the storekeeper | 1,200 | |
| 1 | Clerk (2d) to the storekeeper | 900 | |
| 1 | Clerk (3d) to the storekeeper | 750 | |
| 1 | Porter | 456 | |
| | | | 17,066 |
| Total | | | 59,628 |
| NOTE.—The surgeon of the yard is to attend to the marines near the yard. | | | |

MARE ISLAND.

| NAVAL. | | | |
|--------|---------------------------------------|---------|----------|
| 1 | Captain | \$3,600 | |
| 1 | Commander, (act August 5, 1854) | 3,500 | |
| 2 | Lieutenants, at \$1,875 each | 3,750 | |
| 1 | Master | 1,100 | |
| 1 | Surgeon | 2,600 | |
| 1 | Surgeon's steward | 750 | |
| | | | \$15,300 |

Y. & D., No. 3—Continued.

MARE ISLAND—Continued.

| No. | Officers, &c. | Pay. | Aggregate. |
|--------|---|---------|------------|
| CIVIL. | | | |
| 1 | Navy agent to do the duty of paymaster also. | \$4,000 | |
| 1 | Storekeeper | 2,500 | |
| 1 | Naval constructor..... | 2,600 | |
| 1 | Civil engineer | 4,000 | |
| 1 | Assistant engineer and draughtsman..... | 2,500 | |
| 1 | Superintendent of docks..... | 2,000 | |
| 1 | Clerk to navy agent to do the duty as clerk of the yard also... | 3,000 | |
| 1 | Clerk to navy agent..... | 2,500 | |
| 1 | Clerk to commandant | 900 | |
| 1 | Clerk to storekeeper..... | 900 | |
| 6 | Watchmen, at \$1,200 each | 7,200 | |
| 1 | Porter..... | 750 | |
| | | | \$32,850 |
| | Total..... | | 48,150 |

SACKETT'S HARBOR.

| NAVAL. | | | |
|--------|-----------------|---------|---------|
| 1 | Captain | \$3,600 | |
| 1 | Lieutenant..... | 1,875 | |
| | | | \$5,475 |

RECAPITULATION.

| | Naval. | Ordinary. | Hospital. | Asylum. | Laboratory. | Civil. | Aggregate. |
|-----------------------|----------|-----------|-----------|----------|-------------|----------|------------|
| Portsmouth, N. H..... | \$22,642 | \$3,024 | | | | \$12,806 | \$38,472 |
| Boston..... | 25,185 | | \$5,762 | | | 18,916 | 49,863 |
| New York..... | 27,060 | | 8,792 | | \$4,910 | 17,716 | 58,478 |
| Philadelphia | 23,122 | | 5,212 | \$16,779 | | 10,856 | 55,969 |
| Washington..... | 20,397 | 1,200 | | | | 20,328 | 41,925 |
| Norfolk..... | 30,360 | | 7,990 | | | 17,566 | 55,916 |
| Pensacola..... | 24,085 | 10,347 | 8,130 | | | 17,066 | 59,628 |
| Mare Island..... | 15,300 | | | | | 32,850 | 48,150 |
| Sackett's Harbor..... | 5,475 | | | | | | 5,475 |
| Total | 193,626 | 14,571 | 35,886 | 16,779 | 4,910 | 148,104 | 413,876 |

Y. & D., No. 4.

Statement showing the several sums which make up the amounts of the first and second items in the general estimate from the Bureau of Yards and Docks for the year ending June 30, 1862, marked Y. & D., A.

FIRST ITEM IN GENERAL ESTIMATE A.

| | |
|---|----------------|
| For recruiting stations..... | \$41,622 |
| For naval branch at yards and stations..... | 193,626 |
| For hospital branch at yards and stations, including the Naval Asylum at Philadelphia and the laboratory at New York... | 57,565 |
| For ordinary branch at yards and stations..... | 14,571 |
| | <u>307,384</u> |

SECOND ITEM IN GENERAL ESTIMATE A.

| | |
|---|------------------|
| For the civil branch at all the yards and stations..... | <u>\$148,104</u> |
|---|------------------|

BUREAU OF YARDS AND DOCKS, *October 8, 1860.*

Y. & D., No. 5.

Estimate of the amount that will be required for the preservation of works, and for the current repairs at the several navy-yards for the fiscal year ending June 30, 1862.

| | |
|--|----------------|
| At Portsmouth, New Hampshire..... | \$10,000 |
| At Boston..... | 15,000 |
| At New York..... | 20,000 |
| At Philadelphia..... | 15,000 |
| At Washington..... | 10,000 |
| At Norfolk, including an amount required to pay outstanding dues to contractors..... | 46,797 |
| At Pensacola..... | 10,000 |
| At Mare Island..... | 20,000 |
| At Sackett's Harbor..... | 1,000 |
| | <u>147,797</u> |

BUREAU OF YARDS AND DOCKS, *October 8, 1860.*

Y. & D., No. 6.

Estimate of the amount that will be required towards the construction and completion of works, and for current repairs at the several naval hospitals, for the year ending June 30, 1862.

PORTSMOUTH, NEW HAMPSHIRE.

| | |
|----------------------------|-----------------|
| For hospital building..... | <u>\$12,378</u> |
|----------------------------|-----------------|

BOSTON.

| | |
|-------------------------------|----------------|
| For repairs of all kinds..... | <u>\$2,500</u> |
|-------------------------------|----------------|

NEW YORK.

| | |
|--|---------------|
| For house for director of laboratory..... | \$14,000 |
| For repairs of laboratory and apparatus..... | 1,500 |
| For repairs of hospital buildings..... | 600 |
| | <u>16,100</u> |

NAVAL ASYLUM, PHILADELPHIA.

| | |
|--|---------------|
| For furniture and repairs of same..... | \$500 |
| For house cleaning and whitewashing..... | 500 |
| For repairs of furnaces, grates, &c..... | 300 |
| For gas and water rent..... | 1,000 |
| For painting surgeon's house and wall, on Shippen street | 8,000 |
| For floors in main building..... | 500 |
| For extension of main sewer..... | 800 |
| For miscellaneous repairs..... | 2,000 |
| | <u>13,600</u> |
| For support of beneficiaries..... | 27,000 |
| | <u>40,600</u> |

WASHINGTON.

| | |
|-------------------------------|----------------|
| For repairs of all kinds..... | <u>\$1,000</u> |
|-------------------------------|----------------|

NORFOLK.

| | |
|--------------------------------------|----------------|
| For general repairs at hospital..... | <u>\$8,000</u> |
|--------------------------------------|----------------|

REPORT OF THE

PENSACOLA.

| | |
|-------------------------------------|-------------|
| For draining and filling ponds..... | \$2,500 |
| For general repairs..... | 25,000 |
| | <hr/> |
| | 27,500 |
| | <hr/> <hr/> |

RECAPITULATION.

| | |
|------------------------------------|-------------|
| For Portsmouth, New Hampshire..... | \$12,378 |
| For Boston | 2,500 |
| For New York | 16,100 |
| For Philadelphia (asylum)..... | 40,600 |
| For Washington..... | 1,000 |
| For Norfolk..... | 8,000 |
| For Pensacola..... | 27,500 |
| | <hr/> |
| | 108,078 |
| | <hr/> <hr/> |

BUREAU OF YARDS AND DOCKS,
October 8, 1860.

Y. & D., No. 7.

Estimate of the amount that will be required towards the construction and completion of ordnance works, and for the current repairs of the several naval magazines, for the year ending June 30, 1862.

BOSTON.

| | |
|---------------------------------|-------------|
| For building a powder boat..... | \$3,400 |
| For repairs of all kinds..... | 2,000 |
| | <hr/> |
| | 5,400 |
| | <hr/> <hr/> |

WASHINGTON.

| | |
|--|-------------|
| For repairing and improving ordnance building..... | \$6,000 |
| | <hr/> <hr/> |

NORFOLK.

| | |
|---------------------------------------|-------------|
| For shot beds and gun skids | \$5,000 |
| For additional store at magazine..... | 5,000 |
| For repairs of all kinds..... | 2,500 |
| | <hr/> |
| | 12,500 |
| | <hr/> <hr/> |

PENSACOLA.

| | |
|------------------------------|----------|
| For new powder magazine..... | \$47,000 |
|------------------------------|----------|

RECAPITULATION.

| | |
|----------------------------------|---------------|
| For magazine at Boston | \$5,400 |
| For magazine at Washington | 6,000 |
| For magazine at Norfolk | 12,500 |
| For magazine at Pensacola | 47,000 |
| Total..... | <u>70,900</u> |

BUREAU OF YARDS AND DOCKS,
October 8, 1860.

Statement of expenditures under contingent during the fiscal year ending June 30, 1860, with estimates for contingent for the fiscal year ending June 30, 1862.

| Objects. | Portsmouth, New Hampshire. | | Boston. | | New York. | | Philadelphia. | |
|---|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Expended. | Estimated. | Expended. | Estimated. | Expended. | Estimated. | Expended. | Estimated. |
| For freight and transportation..... | \$11 78 | \$50 00 | ..... | \$500 00 | \$1 25 | \$500 00 | \$10 67 | \$300 00 |
| Printing and stationery..... | 467 91 | 500 00 | \$821 07 | 800 00 | 1,379 71 | 1,500 00 | 1,047 23 | 1,200 00 |
| Books, maps, models, and drawings..... | 307 46 | 250 00 | ..... | 300 00 | ..... | 1,000 00 | ..... | 500 00 |
| Purchase and repairs of fire-engines..... | 399 01 | 300 00 | 91 56 | 100 00 | 415 91 | 1,000 00 | 13 75 | 3,000 00 |
| Machinery of every description, and patent right to use the same. | ..... | ..... | 12,286 82 | 10,000 00 | 64 98 | 6,200 00 | ..... | 1,350 00 |
| Repairs of steam-engines, and attendance on the same in navy-yards..... | 1,799 13 | 1,800 00 | 6,122 29 | 5,600 00 | 8,788 82 | 9,000 00 | ..... | 3,000 00 |
| Purchase and maintenance of horses and oxen, and driving teams..... | 4,313 41 | 3,500 00 | 5,758 46 | 5,600 00 | 8,195 07 | 9,000 00 | 1,264 20 | 1,500 00 |
| Carts, timber wheels, and workmen's tools of every description, and repairing the same..... | 5,452 03 | 3,500 00 | 7,789 64 | 6,000 00 | 7,363 05 | 8,000 00 | 6,178 07 | 6,500 00 |
| Postage of letters on public service..... | 14 10 | 20 00 | 36 69 | 40 00 | 295 97 | 300 00 | 131 79 | 200 00 |
| Furniture..... | 742 89 | 500 00 | ..... | 200 00 | ..... | 500 00 | 65 45 | 100 00 |
| Coals and other fuel..... | 5,354 72 | 5,000 00 | 12,616 11 | 12,600 00 | 12,954 04 | 14,000 00 | 2,125 13 | 3,000 00 |
| Candles, oil, and gas, for navy-yards and stations..... | 581 56 | 500 00 | 3,103 31 | 3,000 00 | 953 50 | 1,200 00 | 318 09 | 500 00 |
| Cleaning and clearing up yards..... | 1,665 47 | 1,500 00 | 6,252 13 | 6,000 00 | 1,283 84 | 2,000 00 | 1,016 81 | 3,000 00 |
| Flags, awnings, and packing-boxes..... | 34 39 | 30 00 | 216 19 | 200 00 | ..... | 500 00 | 5 13 | 100 00 |
| Watchmen..... | 5,490 00 | 5,500 00 | 11,362 32 | 11,400 00 | 10,905 30 | 12,000 00 | 5,032 50 | 5,100 00 |
| Incidental labor at navy-yards, not applicable to any other appropriation..... | 2,742 34 | 2,020 00 | 2,751 47 | 2,660 00 | 7,892 19 | 8,000 00 | 2,469 44 | 2,000 00 |
| Rent of landing at Portsmouth, New Hampshire..... | 30 00 | 30 00 | ..... | ..... | ..... | ..... | ..... | ..... |
| Tolls and ferrages..... | ..... | ..... | ..... | ..... | 287 50 | 300 00 | ..... | ..... |
| Water tax..... | ..... | ..... | ..... | ..... | ..... | ..... | 410 00 | 410 00 |
| Rent of rendezvous..... | ..... | ..... | ..... | ..... | ..... | ..... | 240 00 | 240 00 |
| Materials..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Total..... | 29,406 20 | 25,000 00 | 69,208 06 | 65,000 00 | 60,781 13 | 75,000 00 | 23,328 26 | 32,000 00 |

STATEMENT—Continued.

| Objects. | Washington. | | Norfolk. | | Pensacola. | | Mare Island. | |
|---|-------------|------------|-----------|------------|------------|------------|--------------|------------|
| | Expended. | Estimated. | Expended. | Estimated. | Expended. | Estimated. | Expended. | Estimated. |
| For freight and transportation..... | \$173 21 | \$100 00 | ..... | \$100 00 | \$278 73 | \$300 00 | \$287 63 | \$500 00 |
| Printing and stationery..... | 475 41 | 300 00 | \$843 83 | 800 00 | 840 44 | 900 00 | 909 49 | 1,500 00 |
| Books, maps, models, and drawings..... | 71 47 | 50 00 | ..... | 50 00 | ..... | 100 00 | ..... | 500 00 |
| Purchase and repairs of fire-engines..... | 3,458 55 | 2,000 00 | ..... | 1,500 00 | 868 36 | 1,600 00 | ..... | 2,900 00 |
| Machinery of every description, and patent right to use the same..... | ..... | 5,000 00 | ..... | 3,000 00 | 1,870 74 | 10,550 00 | 303 52 | 15,000 00 |
| Repairs of steam-engines, and attendance on the same in navy-yards..... | 6,930 33 | 6,000 00 | 13,836 82 | 13,000 00 | 1,755 03 | 2,600 00 | ..... | 1,900 00 |
| Purchase and maintenance of horses and oxen, and driving teams..... | 5,359 22 | 4,000 00 | 5,286 80 | 5,000 00 | 9,554 21 | 10,900 00 | 5,687 02 | 8,900 00 |
| Carts, timber wheels, and workmen's tools of every description, and repairing the same..... | 17,748 14 | 8,000 00 | 12,240 33 | 8,800 00 | 5,252 33 | 6,900 00 | ..... | 6,900 00 |
| Postage of letters on public service..... | 22 16 | 50 00 | 153 02 | 150 00 | 17 41 | 50 00 | 52 17 | 100 00 |
| Furniture..... | ..... | 100 00 | ..... | 100 00 | 658 80 | 1,000 00 | 95 25 | 150 00 |
| Coals and other fuel..... | 25,527 80 | 25,000 00 | 7,709 38 | 7,800 00 | 1,901 85 | 2,900 00 | 5,457 75 | 6,900 00 |
| Candles, oil, and gas for navy-yards and stations..... | 4,298 70 | 4,000 00 | 3,228 30 | 3,500 00 | 1,969 97 | 2,900 00 | ..... | 1,900 00 |
| Cleaning and clearing up yards..... | 3,692 51 | 4,000 00 | ..... | 4,000 00 | 2,944 07 | 5,900 00 | ..... | 6,900 00 |
| Flags, awnings, and packing-boxes..... | 34 55 | 50 00 | ..... | 50 00 | 1,374 17 | 1,500 00 | ..... | 150 00 |
| Watchmen..... | 5,999 64 | 6,000 00 | 13,734 75 | 14,000 00 | 10,578 05 | 11,000 00 | 5,337 50 | 6,900 00 |
| Incidental labor at navy-yards, not applicable to any other appropriation..... | 10,609 18 | 7,350 00 | 13,433 43 | 8,000 00 | 3,347 29 | 5,900 00 | 22,270 94 | 14,900 00 |
| Rent of landing at Portsmouth, New Hampshire..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Tolls and ferriages..... | ..... | ..... | 144 82 | 150 00 | ..... | ..... | ..... | ..... |
| Water tax..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Rent of rendezvous..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Materials..... | ..... | ..... | 3,689 38 | ..... | ..... | ..... | 3,836 32 | ..... |
| Total..... | 34,400 87 | 72,000 00 | 74,300 86 | 70,000 00 | 43,211 65 | 65,000 00 | 44,237 59 | 76,000 00 |

Supplemental estimate of the amounts required towards the construction and completion of works, and for the current repairs, at the several navy-yards, for the fiscal year ending June 30, 1862.

PORTSMOUTH, N. H.

| | |
|---|-------------|
| For quay wall, near boat landing..... | \$12,200 |
| For removing coffer dam | 6,028 |
| For boat-house and carpenter shop | 31,632 |
| For repairs of all kinds | 32,400 |
| | <hr/> |
| | \$82,260 |
| | <hr/> <hr/> |

BOSTON.

| | |
|--------------------------------------|-------------|
| For finishing pattern shop..... | \$25,000 |
| For machinery for machine shop | 40,000 |
| For water closets..... | 500 |
| For reservoir, pump, engine, &c..... | 40,000 |
| For repairs of all kinds..... | 65,000 |
| | <hr/> |
| | \$170,500 |
| | <hr/> <hr/> |

NEW YORK.

| | |
|---|-------------|
| For floor to third story of machine shop..... | \$3,000 |
| For bilge blocks for dry-dock..... | 3,000 |
| For floor to mold loft | 1,200 |
| For quay wall | 50,000 |
| For dredging channels | 20,000 |
| For reappropriation of the amount for sewer on Flushing avenue and to the Wallabout channel, the money having reverted to the surplus fund, in consequence of the city of Brooklyn not having complied with the law..... | 60,000 |
| For boilers for new boiler-house | 16,225 |
| For boilers for machine shop..... | 12,500 |
| For machinery for smithery and saw-mill | 8,500 |
| For hoisting apparatus for provision store | 4,650 |
| For repairs of all kinds..... | 52,740 |
| | <hr/> |
| | \$231,815 |
| | <hr/> <hr/> |

PHILADELPHIA.

| | |
|--|-------------|
| For dredging | \$5,036 |
| For six new iron-end floats for dry-dock | 15,120 |
| For repairing and operating dry-dock..... | 40,000 |
| For repairs of all kinds..... | 12,043 |
| | <hr/> |
| | \$72,615 |
| | <hr/> <hr/> |

WASHINGTON.

| | |
|---|-------------|
| For wall on west side of yard, 540 feet long..... | \$13,488 |
| For machinery and tools | 10,315 |
| For carriage houses and cart sheds | 1,870 |
| For shed for flasks for iron foundry | 1,198 |
| For filling, grading, pavements, &c..... | 3,000 |
| For repairs of all kinds | 38,284 |
| | <hr/> |
| | \$68,155 |
| | <hr/> <hr/> |

NORFOLK.

| | |
|--|-------------|
| For continuing quay wall | \$50,000 |
| For dredging, filling, sewerage, and paving | 10,000 |
| For completing railway and cars | 10,640 |
| For machinery, tools, cranes, and lighters..... | 10,000 |
| For reservoir for stables | 2,011 |
| For fitting foundry complete | 42,359 |
| For completing timber shed No. 17..... | 9,888 |
| For amount due to contractors for provision store, and to complete the same | 36,168 |
| For completing spar shed | 12,000 |
| For repairs of all kinds | 40,000 |
| | <hr/> |
| | \$223,066 |
| | <hr/> <hr/> |

PENSACOLA.

| | |
|--|-------------|
| For continuing the extension of granite wharf..... | \$110,000 |
| For repairing and operating floating dock | 14,500 |
| For dredging in and near deep basin | 10,950 |
| For completing foundry, and replacing loss by fire | 19,250 |
| For completing constructors' workshop | 7,250 |
| For continuing railways to storehouses | 2,850 |
| For commencing dredging for basin | 27,850 |
| For rebuilding paint shop, consumed by fire | 30,250 |
| For new floating gate to dry-dock basin, broken in by the sea | 20,000 |
| For repairs of all kinds | 40,600 |
| | <hr/> |
| | \$283,500 |
| | <hr/> <hr/> |

MARE ISLAND.

| | |
|---|-----------|
| For completing machine shop | \$127,270 |
| For completing officers' houses, 7, 9, 11 and 13..... | 28,800 |
| For completing smithery | 30,450 |
| For completing coopers' shop, &c..... | 15,177 |
| For sewers | 16,645 |
| For continuing wharf..... | 60,527 |
| For continuing grading | 30,500 |

| | |
|---------------------------------------|-------------|
| For continuing paving | 10,939 |
| For continuing cisterns | 15,117 |
| For completing patent derrick | 2,500 |
| For extension of gas lighting | 5,000 |
| For machinery for machine shop | 60,000 |
| For completing mold loft No. 39 | 8,451 |
| For repairs of all kinds | 20,000 |
| | <hr/> |
| | \$431,376 |
| | <hr/> <hr/> |

SACKETT'S HARBOR.

| | |
|--|-------------|
| For repairing old cob dock, to protect ship-house and harbor | \$6,257 |
| For repairs of all kinds | 1,000 |
| | <hr/> |
| | \$7,257 |
| | <hr/> <hr/> |

RECAPITULATION.

| | |
|---------------------------------------|-------------|
| For navy-yard, Portsmouth, N. H. | \$82,260 |
| For navy-yard, Boston | 170,500 |
| For navy-yard, New York | 231,815 |
| For navy-yard, Philadelphia | 72,615 |
| For navy-yard, Washington | 68,155 |
| For navy-yard, Norfolk | 223,066 |
| For navy-yard, Pensacola | 283,500 |
| For navy-yard, Mare Island | 431,376 |
| For navy-yard, Sackett's Harbor | 7,257 |
| | <hr/> |
| Total | \$1,570,544 |
| | <hr/> <hr/> |

JOS. SMITH,
Chief of Bureau.

BUREAU OF YARDS AND DOCKS,
November 22, 1860.

BUREAU OF YARDS AND DOCKS,
November 19, 1860.

SIR: I have the honor to transmit herewith a list of contracts in duplicate, made under the cognizance of this bureau, with an abstract also in duplicate, of all offers received for furnishing naval supplies since my last annual report, in conformity to the act of Congress approved 3d of March, 1843.

I have the honor to be, your obedient servant,

JOS. SMITH.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

ABSTRACT OF OFFERS (EMBRACING AS WELL THOSE WHICH ARE REJECTED AS THOSE WHICH ARE ACCEPTED) RECEIVED FOR FURNISHING ARTICLES COMING UNDER THE COGNIZANCE OF THE BUREAU OF YARDS AND DOCKS, MADE IN CONFORMITY TO THE ACT OF CONGRESS, APPROVED MARCH 3, 1843.

Offers for supplies for the Navy Yard Portsmouth, New Hampshire, under advertisement, dated August 16, 1860.

Class No. 2, Stone:

Ezra Eames *\$750 00

Class No. 6, White Pine, Spruce, &c.:

Geo. W. Lawrence..... 1,060 00
 N. W. Coffin..... 1,210 00
 J. H. Broughten..... *920 00

Class No. 7, Lime, Plaster, &c.:

Wm. Lang..... 158 00
 J. H. Broughten..... *85 00

Class No. 8 Cement:

N. W. Coffin..... *192 00
 Wm. Lang..... 210 00
 J. H. Broughten..... 195 00

Class No. 9, Gravel and Sand:

Ezra Eames..... *70 00
 J. H. Broughten..... 80 00

Class No. 11, Iron, Nails, and Spikes:

J. P. Lyman..... 285 00
 J. L. Savage..... †521 00
 Spalding & Parrott..... 244 00
 Wm. Lang..... *227 00

Class No. 12, Steel:

J. L. Savage..... †191 00
 Spalding & Parrott..... *192 00
 Wm. Lang..... 220 00

Class No. 14, Files:

A. Q. Wendell..... *1,625 00

* Accepted. † Informal.

Class No. 15, Paints, Oils, &c.:

| | |
|--------------------|----------|
| A. Q. Wendell..... | \$829 85 |
| Collins & Co..... | *760 10 |
| Wm. Lang..... | 845 75 |

Class No. 16, Ship Chandlery:

| | |
|--------------------|---------|
| A. Q. Wendell..... | 332 00 |
| Collins & Co..... | *319 00 |

Class No. 17, hardware:

| | |
|--------------------|---------|
| J. L. Savage..... | †518 00 |
| A. Q. Wendell..... | *52 90 |
| Collins & Co..... | 76 00 |
| Wm. Lang..... | 88 00 |

Class No. 18, stationery:

| | |
|--------------------|---------|
| W. A. Wheeler..... | 225 95 |
| C. C. Harvey..... | *196 77 |

Class No. 20, Hay and Straw:

| | |
|---------------------|-----------|
| Francis Miller..... | *1,900 00 |
| Jas. Philbrick..... | 2,350 00 |
| A. Q. Wendell..... | †2,450 00 |
| G. A. Hammond..... | †2,480 00 |

Class No. 21, Provender:

| | |
|----------------------|---------|
| Francis Miller..... | 613 50 |
| Jas. Philbrick..... | 672 00 |
| C. Robinson, jr..... | *570 00 |

Class No. 22, Charcoal:

| | |
|-------------------------|---------|
| A. Q. Wendell..... | *240 00 |
| Spalding & Parrott..... | 360 00 |

Class No. 23, Belting, Packing, &c.:

| | |
|--------------------|--------|
| H. S. McComb..... | 569 85 |
| A. Q. Wendell..... | 547 90 |

Class No. 24, Sperm and Lubricating Oil:

| | |
|---------------------|---------|
| Francis Miller..... | 320 00 |
| A. Q. Wendell..... | *290 00 |
| Wm. Lang..... | 324 00 |

* Accepted.

† Informal.

‡ Received too late.

Class No. 25, Iron Castings:

| | |
|--------------------|---------|
| A. Q. Wendell..... | \$60 00 |
| Phineas Drake..... | *55 00 |

Class No. 26, Augers:

| | |
|--------------------|--------|
| A. Q. Wendell..... | *96 00 |
|--------------------|--------|

Class No. 27, Anthracite Coal:

| | |
|-----------------------|-----------|
| Barnabas Hammett..... | †3,300 00 |
| Walden Porter..... | 3,225 00 |
| W. M. Davidson..... | 3,582 00 |
| F. Zantzingher..... | 4,800 00 |
| Wm. Lang..... | 3,345 00 |
| H. A. Morse..... | *3,190 00 |
| Theodore Adams..... | †2,836 00 |

Class No. 29, Bituminous Coal:

| | |
|-------------------------|----------|
| Barnabas Hammett..... | 840 00 |
| Walden Porter..... | *795 00 |
| F. Zantzingher..... | 1,162 50 |
| Spalding & Parrott..... | 1,500 00 |
| Wm. Lang..... | 862 50 |
| H. A. Morse..... | 855 00 |
| Theodore Adams..... | †777 00 |

Offers for supplies for the navy-yard, Boston, under advertisement dated August 16, 1860.

Class No. 1, Bricks:

| | |
|------------------------|----------|
| William Lang..... | \$460 00 |
| Philander Ames..... | 370 00 |
| N. W. Coffin..... | *339 00 |
| Oakman & Eldridge..... | 400 00 |
| Horton, Hall & Co..... | 390 00 |

Class No. 6, White Pine, Spruce, &c.:

| | |
|---------------------|---------|
| G. W. Lawrence..... | *510 00 |
| Philander Ames..... | 590 00 |
| N. W. Coffin..... | 610 00 |
| S. P. Brown..... | †565 00 |

Class No. 7, Lime, Hair, &c.:

| | |
|------------------------|---------|
| William Lang..... | 414 50 |
| Philander Ames..... | 188 00 |
| Oakman & Eldridge..... | 217 50 |
| Horton, Hall & Co..... | *127 00 |

* Accepted.

† Informal.

‡ Received too late.

Class No. 9, Gravel and Sand:

| | |
|------------------------|----------|
| Philander Ames..... | \$699 00 |
| Oakman & Eldridge..... | *625 00 |

Class No. 11, Iron, Nails, and Spikes:

| | |
|------------------------|---------|
| William Lang..... | 429 00 |
| J. L. Savage..... | †597 00 |
| N. W. Coffin..... | 485 00 |
| Horton, Hall & Co..... | *388 00 |

Class No. 12, Steel:

| | |
|------------------------|---------|
| William Lang..... | 465 00 |
| J. L. Savage..... | †372 50 |
| Horton, Hall & Co..... | *435 00 |

Class No. 14, Files:

| | |
|-------------------------|----------|
| William Lang..... | 911 06 |
| J. L. Savage..... | 2,921 05 |
| Horton, Hall, & Co..... | *738 17 |

Class No. 15, Paints, Oils, &c.:

| | |
|------------------------|---------|
| William Lang..... | 835 66 |
| Philander Ames..... | 775 09 |
| Horton, Hall & Co..... | *593 92 |

Class No. 16, Ship Chandlery:

| | |
|------------------------|-----------|
| William Lang..... | 2,036 78 |
| Horton, Hall & Co..... | *1,212 17 |

Class No. 17, Hardware:

| | |
|------------------------|----------|
| William Lang..... | 1,776 00 |
| Horton, Hall & Co..... | *988 35 |

Class No. 18, Stationery:

| | |
|--------------------|---------|
| W. A. Wheeler..... | *937 77 |
| A. E. Cutter..... | 978 95 |

Class No. 20, Hay and Straw:

| | |
|------------------------|-----------|
| Francis Miller..... | *1,689 70 |
| Philander Ames..... | 1,711 00 |
| Mullet & Bradbury..... | 1,855 50 |
| S. P. Brown..... | †2,305 00 |

* Accepted.

† Informal.

‡ Received too late.

Class No. 21, Provender:

| | |
|------------------------|----------|
| Francis Miller..... | \$890 00 |
| Philander Ames..... | *755 00 |
| Mullet & Bradbury..... | 868 50 |
| N. W. Coffin..... | 868 50 |
| Nathan Tufts, jr..... | 856 00 |

Class No. 22, Charcoal:

| | |
|------------------------|---------|
| Philander Ames..... | 465 00 |
| Aiken & Woodward..... | 419 70 |
| Horton, Hall & Co..... | *390 00 |

Class No. 24, Sperm and Lubricating Oils:

| | |
|------------------------|----------|
| William Lang..... | 1,157 00 |
| Francis Miller..... | 1,284 00 |
| N. W. Coffin..... | 1,087 40 |
| Horton, Hall & Co..... | *990 00 |
| Zibeon Southard..... | 1,145 40 |

Class No. 26, Augers:

| | |
|------------------------|---------|
| Horton, Hall & Co..... | *457 00 |
|------------------------|---------|

Class No. 27, Anthracite Coal:

| | |
|---------------------|------------|
| Theodore Adams..... | †9,480 00 |
| William Lang..... | 10,950 50 |
| Philander Ames..... | *10,487 00 |
| Walden Porter..... | 10,525 00 |
| F. Zantzinger..... | †15,097 56 |
| H. A. Morse..... | 10,622 00 |
| W. M. Davidson..... | 11,820 60 |

Class No. 29, Bituminous Cumberland Coal:

| | |
|------------------------|-----------|
| Theodore Adams..... | †1,350 00 |
| William Lang..... | 1,475 00 |
| Philander Ames..... | 1,525 00 |
| Walden Porter..... | 1,450 00 |
| Oakman & Eldridge..... | 1,500 00 |
| Frank Zantzinger..... | 2,000 00 |
| H. A. Morse..... | *1,375 00 |

Class No. 30, Broad Top Semi-bituminous Coal:

| | |
|---------------------|-----------|
| Theodore Adams..... | †2,461 50 |
| William Lang..... | *2,587 50 |
| Philander Ames..... | 2,700 00 |

* Accepted. † Informal.

| | |
|-------------------------|------------|
| Walden Porter..... | \$2,655 00 |
| F. Zantzingher..... | 3,600 00 |
| Robert Hare Powell..... | 2,875 50 |
| W. M. Davidson..... | 3,132 00 |

Offers for supplies for the navy-yard, New York, under advertisement dated August 16, 1860.

Class No. 7, Lime, Hair, &c.:

| | |
|----------------------|--------|
| W. D. Kennedy..... | *31 60 |
| J. B. Stringham..... | 128 00 |
| H. H. Coats..... | 108 00 |

Class No. 9, Gravel and Sand:

| | |
|----------------------|----------|
| Miles Reiley..... | 1,772 75 |
| W. D. Kennedy..... | *684 00 |
| Zeno Secor..... | 764 70 |
| J. B. Stringham..... | 855 00 |
| H. H. Coats..... | 894 00 |

Class No. 11, Iron, Nails, and Spikes:

| | |
|-------------------------|---------|
| William Lang..... | 300 10 |
| W. D. Kennedy..... | 276 45 |
| J. L. Savage..... | *274 00 |
| H. J. Hansen & Son..... | 385 75 |
| Theodore Adams..... | †269 30 |

Class No. 12, Steel:

| | |
|-------------------------|---------|
| William Lang..... | 404 00 |
| W. D. Kennedy..... | 342 00 |
| J. L. Savage..... | *340 00 |
| H. J. Hansen & Son..... | 440 00 |
| Theodore Adams..... | †326 00 |

Class No. 14, Files:

| | |
|-------------------------|-----------|
| Collins & Co..... | 1,138 07 |
| J. L. Savage..... | *1,134 84 |
| H. J. Hansen & Son..... | 1,172 86 |
| Theodore Adams..... | †1,310 42 |

Class No. 15, Paints, Oils, &c.

| | |
|-------------------------|---------|
| Collins & Co..... | 204 85 |
| William Lang..... | 226 20 |
| W. D. Kennedy..... | *183 20 |
| Zeno Secor..... | 212 34 |
| H. H. Coats..... | 225 64 |
| H. J. Hansen & Son..... | 195 55 |

* Accepted.

† Informal.

Class No. 16, Ship Chandlery:

| | |
|-------------------------|------------|
| Collins & Co..... | \$1,645 11 |
| W. D. Kennedy..... | 1,590 09 |
| Zeno Secor..... | 1,659 81 |
| J. L. Savage..... | *1,554 38 |
| H. J. Hansen & Son..... | 1,588 03 |
| Theodore Adams..... | †346 50 |

Class No. 17, Hardware:

| | |
|-------------------------|---------|
| W. D. Kennedy..... | 715 50 |
| J. L. Savage..... | *703 77 |
| H. J. Hansen & Son..... | 930 64 |

Class No. 18, Stationery:

| | |
|------------------------------|-----------|
| W. A. Wheeler..... | 1,100 35 |
| J. A. H. Hasbrouck & Co..... | *1,098 33 |

Class No. 20, Hay and Straw:

| | |
|----------------------|-----------|
| W. M. Shipman..... | 1,255 00 |
| H. H. Coats..... | 1,460 00 |
| Francis Miller..... | *1,025 00 |
| George Hannaman..... | 1,090 00 |
| Theodore Adams..... | †1,470 00 |

Class No. 21, Provender:

| | |
|----------------------|-----------|
| W. M. Shipman..... | 1,524 50 |
| H. H. Coats..... | 11,792 00 |
| Francis Miller..... | 2,130 00 |
| George Hannaman..... | 1,570 50 |

Class No. 22, Charcoal:

| | |
|--------------------|---------|
| W. D. Kennedy..... | 520 00 |
| Zeno Secor..... | 565 00 |
| J. L. Savage..... | *512 50 |

Class No. 23, Belting, Packing, &c.:

| | |
|-------------------------|-----------|
| H. S. McCoomb..... | 1,463 25 |
| J. L. Savage..... | *1,067 95 |
| H. J. Hansen & Son..... | 1,071 25 |

Class No. 24, Sperm and Lubricating Oils:

| | |
|--------------------|---------|
| William Lang..... | 840 70 |
| Collins & Co..... | 809 60 |
| W. D. Kennedy..... | *718 30 |
| H. H. Coats..... | 865 40 |

* Accepted.

† Informal.

| | |
|-------------------------|----------|
| J. L. Savage..... | \$809 40 |
| Francis Miller..... | 1,047 00 |
| H. J. Hansen & Son..... | 798 50 |

Class No. 26, Augers:

| | |
|-------------------|---------|
| Collins & Co..... | 186 86 |
| J. L. Savage..... | *182 33 |

Class No. 27, Anthracite Coal:

| | |
|---------------------|-----------|
| Walden Porter..... | *5,592 00 |
| William Lang..... | 6,925 00 |
| F. Zantzingher..... | 10,750 00 |
| H. H. Coats..... | 6,950 00 |
| Theodore Adams..... | †4,999 00 |

Class No. 30, Broad Top Semi-bituminous Coal:

| | |
|---------------------|-----------|
| Walden Porter..... | *3,760 00 |
| William Lang..... | 3,880 00 |
| F. Zantzingher..... | 6,800 00 |
| H. H. Coats..... | 4,240 00 |
| W. M. Davidson..... | 4,592 00 |
| R. H. Powell..... | 3,992 00 |
| Theodore Adams..... | †3,880 00 |

Offers for supplies for navy-yard, Philadelphia, under advertisement dated August 16, 1860.

Class No. 5, Oak and Hard Wood:

| | |
|---------------------|----------|
| D. S. Grice..... | \$633 61 |
| H. N. Easby..... | *627 40 |
| Bigler & Wilt..... | 751 20 |
| Theodore Adams..... | †531 97 |

Class No. 6, White Pine, Spruce, &c.:

| | |
|---------------------|---------|
| W. S. Doughten..... | 629 00 |
| D. S. Grice..... | 920 75 |
| Bigler & Wilt..... | *591 00 |
| Theodore Adams..... | †412 50 |

Class No. 7, Lime, Hair, &c.:

| | |
|--------------------|--------|
| C. W. Clement..... | 10 50 |
| Thomas & Bro..... | *10 25 |
| E. G. Stone..... | 21 50 |
| P. J. Field..... | 10 87 |

* Accepted.

† Informal.

Class No. 11, Iron, Nails, and Spikes:

| | |
|---------------------|----------|
| William Lang..... | \$170 25 |
| Thomas & Bro..... | 162 00 |
| J. L. Savage..... | *132 00 |
| W. D. Kennedy..... | 198 00 |
| E. G. Stone..... | 196 50 |
| P. J. Field..... | 158 75 |
| Theodore Adams..... | †139 37 |

Class No. 12, Steel:

| | |
|-----------------------|--------|
| William Lang..... | 132 00 |
| C. W. Clement..... | 119 00 |
| Thomas & Brother..... | 142 00 |
| J. L. Savage..... | *90 00 |
| W. D. Kennedy..... | 109 00 |
| E. G. Stone..... | 148 00 |
| P. J. Field..... | 103 00 |
| Theodore Adams..... | †79 50 |

Class No. 14, Files:

| | |
|-----------------------|---------|
| C. W. Clement..... | 192 96 |
| Thomas & Brother..... | 207 06 |
| J. L. Savage..... | 178 00 |
| Collins & Co..... | *150 25 |
| E. G. Stone..... | 205 20 |
| P. J. Field..... | 189 70 |
| Theodore Adams..... | †179 50 |

Class No. 15, Paints, Oils, &c. :

| | |
|--------------------|---------|
| W. D. Kennedy..... | *142 00 |
| Collins & Co..... | 187 47 |
| E. G. Stone..... | 152 11 |
| J. Simms & Co..... | †137 02 |

Class No. 16, Ship Chandlery:

| | |
|------------------------|---------|
| Thockara & Wimley..... | 988 37 |
| J. L. Savage..... | 863 90 |
| W. D. Kennedy..... | *814 90 |
| Collins & Co..... | 835 82 |
| Theodore Adams..... | †507 50 |

Class No. 17, Hardware:

| | |
|-----------------------|---------|
| C. W. Clement..... | 326 09 |
| Thomas & Brother..... | 369 76 |
| J. L. Savage..... | *299 60 |
| E. G. Stone..... | 326 11 |
| P. J. Field..... | 317 94 |

* Accepted.

† Informal.

‡ Received too late.

Class No. 18, Stationery :

| | |
|--------------------------|----------|
| W. F. Murphy & Sons..... | \$972 03 |
| W. H. Maurice..... | 956 56 |
| W. A. Wheeler..... | 1,068 57 |
| Charles Welsh..... | *876 40 |

Class No. 19, Firewood :

| | |
|---------------------|---------|
| W. S. Doughten..... | 287 50 |
| D. S. Grice..... | 287 50 |
| F. Zantzingher..... | 400 00 |
| P. J. Field..... | *262 50 |

Class No. 20, Hay and Straw :

| | |
|-------------------------|---------|
| C. W. Clement..... | *301 00 |
| C. W. Zimmerman..... | 372 50 |
| W. S. Doughten..... | 403 87 |
| Morrison & McCully..... | 356 50 |
| Francis Miller..... | 365 00 |
| P. J. Field..... | 367 50 |

Class No. 21, Provender :

| | |
|-------------------------|---------|
| C. W. Clement..... | *385 60 |
| C. W. Zimmerman..... | 486 00 |
| W. S. Doughten..... | 429 50 |
| Morrison & McCully..... | 417 40 |
| Francis Miller..... | 487 00 |
| P. J. Field..... | 462 50 |

Class No. 22, Charcoal :

| | |
|--------------------------------------|-------|
| C. W. Clement (decided by lot.)..... | *2 15 |
| E. G. Stone..... | 2 15 |
| P. J. Field..... | 2 40 |

Class No. 24, Sperm and Lubricating Oils :

| | |
|----------------------|---------|
| Wm. Lang..... | 277 50 |
| J. L. Savage..... | *206 40 |
| Francis Miller..... | 277 00 |
| King & Burchell..... | 237 20 |
| W. D. Kennedy..... | 235 00 |
| P. J. Field..... | 258 00 |

Class No. 26, Augers :

| | |
|-----------------------|-------|
| C. W. Clement..... | 14 50 |
| Thomas & Brother..... | *8 00 |
| J. L. Savage..... | 10 50 |
| P. J. Field..... | 12 00 |

Class No. 27, Anthracite Coal:

| | |
|-----------------------|------------|
| Wm. Lang..... | \$1,810 00 |
| R. R. Robb..... | 1,900 00 |
| W. S. Doughten..... | 1,950 00 |
| D. S. Grice..... | 1,950 00 |
| Barnabas Hammett..... | 1,800 00 |
| Walden Porter..... | *1,725 00 |
| Theodore Adams..... | †1,575 00 |

Class No. 30, Broad Top Semi-bituminous Coal:

| | |
|---------------------|----------|
| Wm. Lang..... | 1,025 00 |
| W. S. Doughten..... | 1,310 00 |
| W. M. Davidson..... | 1,125 00 |
| D. S. Grice..... | 1,100 00 |
| R. H. Powell..... | 995 00 |
| Walden Porter..... | *987 50 |
| Theodore Adams..... | †987 50 |

Offers for supplies for Naval Asylum, Philadelphia, under advertisement dated August 16, 1860.

Class No. 1, Clothing :

| | |
|--------------------|-----------|
| Wm. Matthews..... | *3,491 75 |
| A. Robeno, jr..... | 3,549 00 |
| James Boal..... | 3,626 25 |

Class No. 2, Hats, Boots, Shoes, &c.:

| | |
|--------------------------|---------|
| Patrick Mullen..... | 973 00 |
| W. Muldoon, jr..... | 903 75 |
| Robert Baird..... | 977 25 |
| William McKnight..... | 953 75 |
| William Muldoon, sr..... | *877 75 |

Class No. 3, Provisions:

| | |
|------------------------|-----------|
| G. & A. Scheidt..... | 8,430 50 |
| L. S. & H. Boreaf..... | 8,777 00 |
| Francis Miller..... | *6,789 50 |

Class No. 4, Groceries:

| | |
|----------------------|-----------|
| Henry Brooks..... | *4,077 95 |
| William Patton..... | 4,257 00 |
| W. C. Stevenson..... | 4,168 00 |
| Francis Miller..... | 4,870 00 |
| W. L. Maddock..... | 4,125 50 |

* Accepted.

† Informal.

Class No. 5, Dry Goods:

| | |
|------------------------|-----------|
| William Matthews | \$*561 75 |
| A. Robeno, jr..... | 717 55 |
| W. L. Maddock..... | 696 50 |

Class No. 6, Bread, &c.:

| | |
|--------------------|-----------|
| Joseph Peters..... | *2,660 62 |
|--------------------|-----------|

Class No. 7, Tobacco:

| | |
|---------------------|---------|
| Henry Brooks | 480 00 |
| William Patton..... | 504 00 |
| Francis Miller..... | 588 00 |
| P. J. Field..... | 492 00 |
| W. L. Maddock..... | *480 00 |

Class No. 8, Miscellaneous:

| | |
|--------------------|---------|
| Henry Brooks..... | *321 54 |
| E. G. Stone | 321 81 |
| W. L. Maddock..... | 365 80 |

Class No. 9, Hardware:

| | |
|---------------------|---------|
| E. G. Stone | 133 91 |
| C. W. Clement..... | *132 78 |
| Francis Miller..... | 135 84 |

Class No. 10, Paints, Oils, &c.:

| | |
|---------------------------|---------|
| E. G. Stone | *117 70 |
| W. L. Maddock..... | 124 55 |
| J. W. & W. F. Simes | †99 67 |

Class No. 11, Lumber:

| | |
|---------------------|---------|
| W. S. Doughten..... | *491 30 |
|---------------------|---------|

Class No. 12, Stationery:

| | |
|--------------------------|---------|
| W. F. Murphy & Sons..... | 130 10 |
| W. A. Wheeler..... | 169 85 |
| Ferd. Foster | *113 05 |
| W. H. Maurice..... | 122 23 |

Class No. 13, Firewood:

| | |
|--------------------|--------|
| E. G. Stone | 72 00 |
| P. J. Field..... | *46 40 |
| W. L. Maddock..... | 80 00 |

* Accepted.

† Informal.

‡ Received too late.

Class No. 14, Coal:

| | |
|------------------------|------------|
| Thomas E. Cahill | \$1,659 00 |
| Walden Porter | *1,619 50 |
| Theodore Adams | †1,242 00 |

Class No. 15, Provender:

| | |
|---------------------------|---------|
| C. W. Zimmerman | 192 00 |
| P. J. Field | 166 50 |
| W. L. Maddock | 179 50 |
| Morrison & McCulley | *149 50 |

Class No. 16, Bricks:

| | |
|---------------------|--------|
| C. W. Clement | *57 25 |
| P. J. Field | 69 50 |

Class No. 17, Improvement of Cemetery:

| | |
|---------------------|---------|
| William Black | 454 75 |
| George McCabe | 415 00 |
| C. W. Clement | *403 00 |
| P. J. Field | 594 50 |
| S. P. Pearson | 457 50 |

Offers for supplies for navy-yard, Washington, under advertisement dated August 16, 1860.

Class No. 1, Bricks:

| | |
|----------------------|----------|
| J. A. Richards | \$375 00 |
| Adam Grinder | *362 50 |

Class No. 4, Yellow Pine Lumber:

| | |
|----------------------|---------|
| Esau Pickrell | *294 75 |
| H. N. Easby | 373 50 |
| F. Zantzing | 447 70 |
| Theodore Adams | †502 50 |

Class No. 5, Oak and Hard Wood:

| | |
|------------------------|---------|
| Esau Pickrell | 242 83 |
| H. N. Easby | 274 00 |
| P. Otterbach, jr. | *234 00 |
| Theodore Adams | †197 80 |

Class No. 6, White Pine, Spruce, &c.:

| | |
|---------------------|---------|
| Bigler & Wilt | 373 00 |
| Esau Pickrell | *296 00 |
| H. N. Easby | 364 00 |

* Accepted.

† Informal.

| | |
|--|-----------|
| F. Zantzinger | \$519 00 |
| Theodore Adams..... | †348 00 |
| Class No. 7, Lime, Hair, &c.: | |
| L. P. Hoover | *180 00 |
| Class No. 9, Gravel and Sand: | |
| P. Otterback, jr..... | *796 60 |
| Class No. 11, Iron, Nails, and Spikes: | |
| J. L. Savage..... | *530 62 |
| Ephraim Wheeler..... | 558 35 |
| William Lang..... | 598 22 |
| Collins & Bro..... | 706 22 |
| Theodore Adams..... | †525 15 |
| Class No. 12, Steel: | |
| W. D. Kennedy..... | 685 00 |
| J. L. Savage..... | *591 00 |
| Ephraim Wheeler..... | 698 00 |
| Theodore Adams..... | †640 00 |
| Class No. 13, Pig Iron: | |
| William Henshaw..... | 2,437 50 |
| W. H. Townsend..... | 3,367 50 |
| H. N. Easby..... | 2,231 25 |
| J. L. Savage..... | *1,642 50 |
| Theodore Adams..... | †1,680 00 |
| Class No. 14, Files: | |
| J. L. Savage..... | *998 90 |
| Ephraim Wheeler..... | 1,626 25 |
| Collins & Co..... | 1,095 50 |
| Theodore Adams..... | †972 80 |
| Class No. 15, Paints, Oils, &c.: | |
| W. D. Kennedy..... | *1,428 74 |
| King & Burchell..... | 1,533 28 |
| Z. D. Gilman..... | 1,596 43 |
| Collins & Co..... | 1,438 04 |
| Class No. 16, Ship Chandlery: | |
| W. D. Kennedy..... | 3,233 50 |
| J. L. Savage..... | *2,853 85 |
| Collins & Co..... | 3,063 30 |

* Accepted.

† Informal.

Class No. 17, Hardware:

| | |
|----------------------|-------------|
| J. L. Savage..... | *\$1,154 24 |
| Ephraim Wheeler..... | 1,311 41 |
| Collins & Co..... | 1,487 54 |
| Theodore Adams | †280 00 |

Class No. 18, Stationery:

| | |
|------------------------|---------|
| Blanchard & Mohun..... | *748 55 |
|------------------------|---------|

Class No. 19, Firewood:

| | |
|-----------------------|-----------|
| H. N. Easby..... | 3,220 00 |
| P. Otterback, jr..... | *2,490 00 |
| F. Zantzingher | 3,676 00 |
| E. M. Chapin | 2,634 20 |
| Theodore Adams | †2,303 60 |

Class No. 20, Hay and Straw:

| | |
|-----------------------|----------|
| Esau Pickrell..... | 606 00 |
| J. Fenwick Young..... | *578 50 |
| P. Otterback, jr..... | 668 00 |
| King & Burchell | 628 96 |
| Francis Miller..... | 629 00 |
| F. Zantzingher | 1,101 00 |
| J. W. Brown..... | 598 00 |

Class No. 21, Provender:

| | |
|-----------------------|-----------|
| Esau Pickrell..... | 1,191 60 |
| P. Otterback, jr..... | 1,278 00 |
| King & Burchell | *1,135 20 |
| Francis Miller | 1,338 00 |
| John L. Moore..... | 1,192 80 |
| F. Zantzingher | 1,443 60 |
| J. W. Brown..... | 1,411 20 |

Class No. 22, Charcoal:

| | |
|-----------------------|----------|
| Charles Sutton | 898 80 |
| Francis Miller | 1,920 00 |
| Israel Trammell | *828 00 |
| F. Zantzingher | 1,800 00 |
| John Magarity..... | 904 80 |
| A. Huntt | 957 60 |
| J. & M. Shipman..... | 928 80 |
| Theodore Adams | †720 00 |

* Accepted.

† Informal.

Class No. 23, Belting, Packing, &c.:

| | |
|-----------------------|----------|
| W. D. Kennedy..... | \$280 00 |
| J. L. Savage..... | *156 00 |
| Ephraim Wheeler | 160 00 |
| Collins & Co..... | 240 00 |

Class No. 24, Sperm and Lubricating Oils:

| | |
|-----------------------|-----------|
| W. D. Kennedy | 1,511 75 |
| Esau Pickrell | 1,495 30 |
| King & Burchell | *1,390 25 |
| Francis Miller | 1,659 00 |
| William Lang | 1,743 50 |

Class No. 27, Anthracite Coal:

| | |
|-----------------------|-----------|
| H. N. Easby..... | 6,276 70 |
| William Lang | 5,277 00 |
| S. D. Castleman | 5,262 20 |
| F. Zantzinger | 5,913 00 |
| Walden Porter..... | *4,716 00 |
| R. R. Robb | 5,316 55 |
| E. M. Chapin | 4,815 97 |
| Theodore Adams | †4,412 70 |

Class No. 28, Richmond or Virginia Coal:

| | |
|-----------------------|-----------|
| William Lang | 2,800 00 |
| S. D. Castleman | 2,660 00 |
| F. Zantzinger | 2,940 00 |
| Walden Porter..... | *2,352 00 |
| Theodore Adams | †2,228 80 |

Class No. 29, Cumberland Bituminous Coal:

| | |
|------------------------|------------|
| Esau Pickrell | 12,694 17 |
| William Lang | 11,872 25 |
| S. D. Castleman | 11,799 19 |
| W. W. McKaig | *10,885 94 |
| T. A. Cunningham | 16,803 80 |
| B. Hammett | 12,785 50 |
| F. Zantzinger | 14,525 25 |
| Walden Porter..... | 11,689 60 |
| Theodore Adams | †10,959 00 |

* Accepted.

† Informal.

Offers for supplies for navy-yard, Norfolk, under advertisement dated August 16, 1860.

Class No. 3, Yellow Pine Timber :

| | |
|----------------------|------------|
| Peters & Reed | \$1,185 58 |
| William White | 1,011 23 |
| R. B. Knight | *767 14 |
| Theodore Adams | †926 75 |

Class No. 4, Yellow Pine Lumber :

| | |
|----------------------|-----------|
| Peter & Reed | 2,819 04 |
| William White | 4,150 40 |
| R. B. Knight | *2,544 00 |
| Theodore Adams | †2,438 36 |

Class No. 6, White Pine, Spruce, &c. :

| | |
|----------------------|-----------|
| Peters & Reed | *1,200 00 |
| Bigler & Wilt | 1,712 50 |
| G. W. Lawrence | 1,900 00 |
| F. Zantzinger | †1,445 00 |
| Theodore Adams | †1,215 00 |

Class No. 8, Cement:

| | |
|---------------------|--------|
| William Lang | 108 75 |
| Peters & Reed | *90 00 |
| J. A. Higgins | 187 50 |
| H. N. Easby..... | 112 50 |
| F. Zantzinger | 125 00 |

Class No. 9, Gravel and Sand:

| | |
|------------------------|---------|
| C. H. Whitehurst | *284 50 |
| Peters & Reed | 310 00 |
| J. A. Higgins | 530 00 |

Class No. 11, Iron, Nails, and Spikes:

| | |
|------------------------|----------|
| William Lang | 1,198 85 |
| J. A. Higgins | 1,129 90 |
| J. L. Savage..... | 878 50 |
| W. D. Kennedy | 1,210 90 |
| Allyn, Rose & Co. | *847 45 |
| Theodore Adams | 883 25 |

Class No. 12, Steel:

| | |
|-------------------|--------|
| E. W. Moore..... | 656 00 |
| Collins & Co..... | 654 00 |

* Accepted.

† Informal.

| | |
|-----------------------|----------|
| Wm. Lang..... | \$750 00 |
| J. A. Higgins..... | 829 00 |
| J. L. Savage..... | *510 00 |
| W. D. Kennedy..... | 740 00 |
| Allyn, Rose & Co..... | 630 00 |
| Theodore Adams..... | †513 50 |

Class No. 13, Pig Iron :

| | |
|---------------------|----------|
| E. W. Moore..... | 1,086 00 |
| Wm. Lang..... | 928 00 |
| J. A. Higgins..... | 968 00 |
| J. L. Savage..... | *816 00 |
| H. N. Easby..... | 1,008 00 |
| Theodore Adams..... | †820 00 |

Class No. 14, Files :

| | |
|---------------------------|-----------|
| E. W. Moore..... | 1,973 00 |
| Griffith, Moore & Co..... | 2,609 38 |
| Collins & Co..... | 2,229 65 |
| J. L. Savage..... | 1,817 25 |
| Allyn, Rose & Co..... | *1,284 98 |
| Theodore Adams..... | 2,307 15 |

Class No. 15, Paints, Oils, &c. :

| | |
|------------------------|---------|
| Collins & Co..... | 320 50 |
| J. A. Higgins..... | 487 00 |
| King & Toy..... | 308 00 |
| King & Burchell..... | 329 00 |
| W. D. Kennedy..... | *303 50 |
| Wilson & Williams..... | 333 50 |

Class No. 16, Ship Chandlery :

| | |
|-----------------------|-----------|
| Collins & Co..... | 2,955 75 |
| J. A. Higgins..... | 3,677 00 |
| J. L. Savage..... | *2,420 56 |
| W. D. Kennedy..... | 3,188 00 |
| Allyn, Rose & Co..... | 2,423 30 |
| Theodore Adams..... | †1,357 00 |

Class No. 17, Hardware :

| | |
|---------------------------|----------|
| Griffith, Moore & Co..... | 1,565 20 |
| Collins & Co..... | 1,529 93 |
| J. L. Savage..... | 1,174 23 |
| Allyn, Rose & Co..... | *697 75 |

* Accepted.

† Informal.

Class No. 18, Stationery:

| | |
|---------------------|-----------|
| W. A. Wheeler..... | *\$596 87 |
| W. P. Griffith..... | 616 15 |

Class No. 20, Hay and Straw:

| | |
|----------------------|-----------|
| Peters & Reed..... | 1,719 00 |
| J. A. Higgins..... | 1,881 00 |
| Jones & Co..... | 1,854 00 |
| Francis Miller..... | *1,488 00 |
| King & Burchell..... | 1,830 00 |

Class No. 21, Provender:

| | |
|-----------------------|-----------|
| C. H. Whitehurst..... | 3,500 00 |
| Peters & Reed..... | 3,840 00 |
| J. A. Higgins..... | 3,840 00 |
| Jones & Co..... | *3,280 00 |
| Francis Miller..... | 3,864 00 |

Class No. 22, Charcoal:

| | |
|---|---------|
| Jno. C. Neville..... | 510 00 |
| C. H. Whitehurst, (decided by lot)..... | *510 00 |
| J. A. Higgins..... | 960 00 |
| J. L. Savage..... | 640 00 |

Class No. 24, Sperm and Lubricating Oils:

| | |
|----------------------|-----------|
| Wm. Lang..... | 1,252 00 |
| J. A. Higgins..... | 1,544 00 |
| J. L. Savage..... | 1,325 00 |
| Francis Miller..... | 1,460 00 |
| King & Burchell..... | 1,257 00 |
| W. D. Kennedy..... | *1,240 00 |

Class No. 26, Augers:

| | |
|---------------------------|---------|
| Griffith, Moore & Co..... | 517 67 |
| J. L. Savage..... | 412 12 |
| Allyn, Rose & Co..... | *288 56 |

Class No. 27, Anthracite Coal:

| | |
|---------------------|-----------|
| Walden Porter..... | *1,288 00 |
| Wm. Lang..... | 1,554 00 |
| Peters & Reed..... | 1,400 00 |
| J. A. Higgins..... | 1,624 00 |
| F. Zantzingher..... | †1,470 00 |
| Theodore Adams..... | †1,176 00 |

* Accepted.

† Informal.

Class No. 29, Cumberland Bituminous Coal :

| | |
|-----------------------|-------------|
| Walden Porter..... | *\$8,085 00 |
| Wm. Lang..... | 8,162 00 |
| Peters & Reed..... | 9,143 75 |
| T. A. Cunningham..... | 8,855 00 |
| J. A. Higgins..... | 11,357 50 |
| F. Zantzinger..... | 9,625 00 |
| Theodore Adams..... | †7,411 25 |

Class No. 30, Broad Top Semi-bituminous Coal :

| | |
|---------------------|-----------|
| Walden Porter..... | *2,400 00 |
| Wm. Lang..... | 2,450 00 |
| J. H. Hodges..... | 2,950 00 |
| W. M. Davidson..... | 2,870 00 |
| R. H. Powell..... | 2,495 00 |
| Theodore Adams..... | †1,916 00 |

Class No. 31, Replacing Galleries at Naval Hospital.

No offer accepted.

Offers for supplies for navy-yard, Pensacola, under advertisement dated August 16, 1860.

Class No. 4, Yellow Pine Lumber :

| | |
|----------------------|-------------|
| Theodore Adams..... | †\$2,471 26 |
| George H. Oneal..... | *2,841 18 |

Class No. 8, Cement:

| | |
|--------------------|-----------|
| F. Zantzinger..... | 4,500 00 |
| H. N. Easby..... | 3,750 00 |
| Wm. Lang..... | 2,850 00 |
| W. A. Wheeler..... | 2,700 00 |
| J. L. Savage..... | †4,480 00 |
| Jno. B. Todd..... | *2,625 00 |

Class No. 9, Gravel and Sand:

| | |
|-------------------|---------|
| Jno. B. Todd..... | *297 00 |
|-------------------|---------|

Class No. 11, Iron, Nails, and Spikes :

| | |
|-------------------|-----------|
| Collins & Co..... | 1,684 00 |
| Wm. Lang..... | 2,407 50 |
| J. L. Savage..... | †2,169 00 |
| Jno. B. Todd..... | *1,571 50 |

*Accepted.

†Informal.

Class No. 12, Steel :

| | |
|----------------------|----------|
| Theodore Adams | \$†33 50 |
| Collins & Co..... | *48 60 |
| Wm. Lang..... | 77 50 |
| J. L. Savage..... | †193 00 |
| George H. Oneal..... | 61 00 |
| Jno. B. Todd..... | 62 00 |

Class No. 13, Pig Iron:

| | |
|-----------------------------|-----------|
| Theodore Adams | †1,475 00 |
| W. H. & G. E. Townsend..... | 2,245 00 |
| Wm. Henshaw..... | 1,750 00 |
| H. N. Easby..... | 2,100 00 |
| Collins & Co..... | *1,620 00 |
| J. L. Savage..... | †2,062 50 |
| George H. Oneal..... | 1,700 00 |
| Jno. B. Todd..... | 1,625 00 |

Class No. 14, Files :

| | |
|----------------------|----------|
| Theodore Adams..... | †582 18 |
| Collins & Co..... | *534 45 |
| W. A. Wheeler..... | 1,032 50 |
| J. L. Savage..... | †494 50 |
| George H. Oneal..... | 879 00 |

Class No. 15, Paints, Oils, &c.:

| | |
|--------------------|-----------|
| Collins & Co..... | *1,680 25 |
| W. A. Wheeler..... | 1,982 02 |
| Jno. B. Todd..... | 1,888 70 |

Class No. 16, Ship Chandlery :

| | |
|--------------------|-----------|
| Collins & Co | *2,589 38 |
| J. L. Savage | †2,483 84 |
| John B. Todd..... | 3,404 81 |

Class No. 17, Hardware:

| | |
|----------------------|-----------|
| Collins & Co | *1,833 60 |
| J. L. Savage..... | 673 03 |
| George H. Oneal..... | 3,282 10 |
| John B. Todd..... | 2,857 50 |

Class No. 18, Stationery :

| | |
|----------------------|-----------|
| W. A. Wheeler | *1,128 80 |
| George H. Oneal..... | 1,389 30 |

* Accepted. † Informal.

Class No. 19, Firewood:

| | |
|----------------------|-------------|
| George H. Oneal..... | \$*4,140 00 |
|----------------------|-------------|

Class No. 20, Hay and Straw:

| | |
|----------------------|-----------|
| Baker & Jenkins..... | *2,464 00 |
| George H. Oneal..... | 2,800 00 |
| John B. Todd..... | †2,105 60 |

Class No. 21, Provender:

| | |
|----------------------|-----------|
| Baker & Jenkins..... | *2,589 04 |
| George H. Oneal..... | 5,300 00 |

Class No. 22, Charcoal:

| | |
|----------------------|--------|
| J. G. Hutton..... | 300 00 |
| George H. Oneal..... | 138 00 |

Class No. 23, Belting, Packing, &c.:

| | |
|----------------------|-----------|
| Collins & Co..... | 2,137 50 |
| J. L. Savage..... | †498 00 |
| George H. Oneal..... | *1,559 20 |

Class No. 24, Sperm and Lubricating Oils:

| | |
|--------------------|----------|
| Collins & Co..... | 1,112 00 |
| William Lang..... | 1,706 25 |
| W. A. Wheeler..... | 1,007 20 |
| John B. Todd..... | *921 00 |

Class No. 26, Augers:

| | |
|----------------------|---------|
| Collins & Co..... | *120 00 |
| J. L. Savage..... | †376 00 |
| George H. Oneal..... | 135 00 |
| John B. Todd..... | †150 00 |

* Accepted.

† Informal.

‡ Received too late.

LIST OF CONTRACTS FOR NAVAL SUPPLIES, BUREAU OF YARDS AND DOCKS—1860-61.

Schedule of materials required for the United States navy-yard, Portsmouth, N. H., for the year ending June 30, 1861.

EZRA EAMES. DATE OF CONTRACT, OCTOBER 11, 1860.

Class No. 2, Stone.

5,000 cubic feet, more or less, dimension-split granite—2 feet in width, 18 inches rise, and in lengths from 4 to 10 feet, \$0 15 per cubic foot.
To be delivered as required.

JOHN H. BROUGHTON. DATE OF CONTRACT, SEPTEMBER 28, 1860.

Class No. 6, White Pine, Spruce, Juniper, and Cypress.

4,000 feet, board measure, seasoned, 4-inch plank, No. 2..... \$35 00 per M feet.
10,000 feet, board measure, seasoned, 2-inch plank, No. 2..... 30 00 per M feet.
10,000 feet, board measure, seasoned, 1-inch boards, No. 2..... 30 00 per M feet.
10,000 feet, board measure, seasoned, 1-inch boards, No. 3..... 18 00 per M feet.
One-half to be delivered within 90 days, and the balance within 180 days.

Class No. 7, Lime, Hair and Plaster. Miscellaneous.

100 casks best Rockland lime \$0 74 per cask.
50 bushels hair 23 per bushel.
To be delivered as required.

N. W. COFFIN. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 8, Cement. Miscellaneous.

150 casks hydraulic cement, fresh, and casks to be in good order..... \$1 28 per cask.
To be delivered as required.

EZRA EAMES. DATE OF CONTRACT, OCTOBER 11, 1860.

Class No. 9, Gravel and Sand. Miscellaneous.

2,000 bushels sharp sand \$0 03½ per bushel.
To be delivered as required.

WILLIAM LANG. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 11, Iron, Iron Nails, and Spikes. Miscellaneous.

2,000 pounds round, flat, and square iron, assorted \$0 04 per pound.

| | | |
|--|--------|------------|
| 6 bundles 12-pound Russia sheet iron, (say 800 pounds)..... | \$0 10 | per pound. |
| 6 bundles No. 24 R. G. sheet iron, (say 800 pounds) | 04 | per pound. |
| 1,000 pounds cut iron nails, assorted..... | 03½ | per pound. |
| To be delivered as required. | | |

SPALDING & PARROTT. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 12, Steel. Miscellaneous.

| | | |
|---|--------|------------|
| 1,000 pounds steel, assorted, of extra quality, | \$0 16 | per pound. |
| 100 pounds steel, granite wedge..... | 08 | per pound. |
| 200 pounds steel, 1¼ to ¾ inch, German..... | 06 | per pound. |
| 200 pounds steel, 1 to ¾ inch, German..... | 06 | per pound. |
| To be delivered as required. | | |

A. Q. WENDELL. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 14, Files. Miscellaneous.

| | | |
|--|---------|------------|
| 12 gross handsaw files, from 3 to 5 inch, assorted | \$18 00 | per gross. |
| 4 gross pitsaw files, assorted..... | 5 00 | per gross. |
| 6 gross bastard flat files, from 12 to 14 inch, assorted..... | 72 00 | per gross. |
| 4 gross bastard flat files, from 8 to 11 inch, assorted..... | 24 00 | per gross. |
| 5 gross half-round files, from 12 to 14 inch, assorted..... | 72 00 | per gross. |
| 3 gross half-round files, from 8 to 10 inch, assorted..... | 30 00 | per gross. |
| 1½ gross 3-square taper files, from 8 to 12 inch, assorted..... | 8 00 | per gross. |
| 10 gross 3-square taper files, from 3 to 6 inch, assorted..... | 18 00 | per gross. |
| 3 gross flat float files, from 8 to 10 inch, assorted..... | 9 00 | per gross. |
| 2 gross flat float files, from 10 to 12 inch, assorted | 9 00 | per gross. |
| 1 gross millsaw files, from 8 to 11 inch, assorted | 20 00 | per gross. |
| 1 gross millsaw files, from 11 to 14 inch, assorted | 48 00 | per gross. |
| ½ gross second-cut flat files, from 12 to 13 inch, assorted | 48 00 | per gross. |
| ½ gross second-cut flat files, from 13 to 14 inch, assorted | 24 00 | per gross. |
| ½ gross second-cut flat files, from 12 to 14 inch, assorted, safe edge..... | 36 00 | per gross. |
| ½ gross flat, smooth files, from 10 to 11 inch, assorted..... | 30 00 | per gross. |

| | | |
|---|---------|------------|
| ½ gross flat, smooth files, from 11 to 12 inch, assorted..... | \$24 00 | per gross. |
| ½ gross half-round, fine files, from 8 to 9 inch, assorted | 30 00 | per gross. |
| ½ gross half-round, fine files, from 9 to 10 inch, assorted | 20 00 | per gross. |

To be delivered as required.

COLLINS & Co. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 15, Paints, Oils, and Glass. Miscellaneous.

| | | |
|--|---------------------------------------|-------------|
| 5,000 pounds pure dry white lead | \$0 07 ²⁰ / ₁₀₀ | per pound. |
| 500 pounds whiting | 03 | per pound. |
| 100 pounds red lead | 08 | per pound. |
| 400 gallons linseed oil | 62 | per gallon. |
| 60 gallons spirits turpentine | 46 | per gallon. |
| 150 lights, first quality, double thick, 11 by 16, glass | 15 | per light. |
| 150 lights, first quality, double thick, 10 by 14, glass | 11 | per light. |
| 150 lights, first quality, double thick, 11 by 13, glass | 14 | per light. |
| 150 lights, first quality, double thick, 9 by 13, glass | 09 | per light. |
| 400 lights, first quality, double thick, 8 by 10, glass | 05 | per light. |
| 40 lights, first quality, double thick, 10 by 20, glass | 20 | per light. |
| 25 lights, first quality, double thick, 12 by 20, glass | 20 | per light. |

To be delivered as required.

Class No. 16, Ship Chandlery. Miscellaneous.

| | | |
|--|--------|-------------|
| 400 pounds white chalk | \$0 01 | per pound. |
| 200 gallons fish oil | 60 | per gallon. |
| 15 barrels pitch | 2 30 | per barrel. |
| 5 barrels turpentine | 4 50 | per barrel. |
| 2 barrels whale oil..... | 20 00 | per barrel. |
| 12 dozen corn brooms | 2 50 | per dozen. |
| 12 dozen birch brooms..... | 2 00 | per dozen. |
| 4 dozen paint dusters, per sample..... | 2 00 | per dozen. |
| 4 dozen whitewash brushes, medium size, per sample | 9 00 | per dozen. |

To be delivered as required.

A. Q. WENDELL. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 17, Hardware. Miscellaneous.

| | | |
|--------------------------------------|--------|------------|
| 500 pounds 5-pound sheet lead | \$0 04 | per pound. |
| 500 pounds 3-pound sheet lead | 04 | per pound. |
| 10 gross iron screws, assorted | 1 29 | per gross. |

To be delivered as required.

C. C. HARVEY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 18, Stationery. Miscellaneous.

| | | | |
|---------------|--|--------|---------------|
| 12 | reams ruled foolscap regulation paper | \$4 00 | per ream. |
| 10 | reams ruled letter paper..... | 3 00 | per ream |
| 1 | ream envelope paper..... | 4 00 | per ream. |
| $\frac{1}{2}$ | ream blotting paper..... | 4 00 | per ream. |
| 12 | gross "M. L. Leman's Commercial" | | |
| | pens | 40 | per gross. |
| 3 | gross "Gillot's steel" pens, Nos. 434 | | |
| | and 303..... | 60 | per gross. |
| 3 | gross Hert's patent steel pens..... | 25 | per gross. |
| 2 | dozen pen-holders..... | 1 00 | per dozen. |
| 2 | gross "Faber's drawing" pencils, as- | | |
| | sorted | 4 00 | per gross. |
| 3 | gallons black ink, in bottles, best..... | 1 25 | per gallon. |
| 1 | quart carmine ink, in bottles..... | 1 00 | per quart. |
| 1 | gallon black sand, in papers..... | 25 | per gallon. |
| $\frac{1}{2}$ | pound red wafers, glazed..... | 20 | per pound. |
| 1 | pound red sealing-wax..... | 75 | per pound. |
| 2 | dozen pieces India rubber | 50 | per dozen. |
| $\frac{1}{2}$ | dozen pieces emery-mixed rubber..... | 60 | per dozen. |
| 6 | dozen pieces red tape..... | 20 | per dozen. |
| 4 | dozen pieces silk taste..... | 1 75 | per dozen. |
| 6 | dozen memorandum books, assorted, | | |
| | per sample..... | 2 50 | per dozen. |
| $\frac{1}{2}$ | dozen inkstands..... | 9 00 | per dozen. |
| $\frac{1}{2}$ | dozen sand-boxes | 1 50 | per dozen. |
| $\frac{1}{2}$ | dozen penknives..... | 15 00 | per dozen |
| 100 | goose quills | 1 50 | per hundred. |
| 24 | sheets "double elephant" drawing | | |
| | paper | 20 | per sheet. |
| 50 | sheets "imperial" drawing paper, | | |
| | double thickness..... | 25 | per sheet. |
| 25 | yards tracing cloth, American..... | 30 | per yard. |
| 2,000 | document envelopes, assorted sizes.... | 60 | per thousand. |
| 1,200 | letter envelopes, assorted sizes..... | 40 | per thousand. |
| 1 | pound gum arabic, in papers..... | 50 | per pound. |
| 2 | dozen camels' hair pencils..... | 06 | per dozen. |
| 2 | parallel rulers..... | 1 25 | each. |
| 6 | erasers | 35 | each. |
| 4 | tape lines—two 50 feet, two 100 feet | | |
| | long | 1 00 | each. |

To be delivered as required.

FRANCIS MILLER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 20, Hay and Straw. Miscellaneous.

100 tons (2,240 lbs.) hay for oxen, loose...\$19 00 per ton.

To be delivered as required.

C. ROBINSON, JR. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 21, Provender. Miscellaneous.

30,000 pounds Indian corn meal..... \$1 90 per 100 lbs.
To be delivered as required.

A. Q. WENDELL. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 22, Charcoal. Miscellaneous.

1,500 bushels hard-wood charcoal..... \$0 16 per bushel.
To be delivered as required.

Class No. 23, Belting, Packing, and Hose. Miscellaneous.

| | | |
|-----|--|-------------------------|
| 100 | lineal feet oak-tanned leather belting, 2½ inches wide..... | \$0 18 per lineal foot. |
| 100 | lineal feet oak-tanned leather belting, 3 inches wide..... | 23 per lineal foot. |
| 125 | lineal feet oak-tanned leather belting, 3½ inches wide..... | 26 per lineal foot. |
| 100 | lineal feet oak-tanned leather belting, 4 inches wide..... | 32 per lineal foot. |
| 100 | lineal feet oak-tanned leather belting, 6 inches wide..... | 46 per lineal foot. |
| 40 | lineal feet oak-tanned leather belting, 10 inches wide..... | 81 per lineal foot. |
| 50 | lineal feet oak-tanned leather belting, 15 inches wide..... | 1 30 per lineal foot. |
| | Belting to be equal to sample. | |
| 100 | pounds packing, per sample..... | 40 per pound. |
| 350 | feet leading fire-engine hose, (without couplings,) 2½ inches diameter inside | 74 per foot. |

To be delivered as required.

Class No. 24, Sperm and Lubricating Oils. Miscellaneous.

200 gallons winter-strained sperm oil..... \$1 45 per gallon.
To be delivered as required.

PHINEAS DRAKE. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 25, Iron Castings. Miscellaneous.

2,000 pounds iron castings, per pattern..... \$0 02¼ per pound.
To be delivered as required.

A. Q. WENDELL. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 26, Augers. Miscellaneous.

10 dozen augers $\frac{7}{16}$ to 1 inch, assorted... \$8 00 per dozen.
4 dozen augers, $1\frac{1}{8}$ to $1\frac{1}{2}$ inch, assorted 4 00 per dozen.
To be delivered as required.

HENRY A. MORSE. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 27, Anthracite Coal. Miscellaneous.

| | |
|---|-----------------|
| 450 tons (2,240 lbs.) white ash anthracite coal, steamboat size, for steam engines..... | \$5 30 per ton. |
| 50 tons (2,240 lbs.) white ash anthracite coal, broken for furnaces..... | 5 30 per ton. |
| 100 tons (2,240 lbs.) white ash anthracite coal, egg size, for stoves..... | 5 40 per ton. |

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy-yard scales.

WALDEN PORTER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 29, Bituminous Cumberland Coal. Miscellaneous.

| | |
|--|-----------------|
| 150 tons (2,240 lbs.) bituminous Cumberland coal, for smiths' use..... | \$5 30 per ton. |
|--|-----------------|

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Schedule of materials required at the United States navy-yard, Boston, Massachusetts, for the year ending June 30, 1861.

N. W. COFFIN. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 1, Bricks.

| | |
|-------------------------------------|----------------|
| 10,000 No. 1 Amboy fire bricks..... | \$33 90 per M. |
|-------------------------------------|----------------|

One fourth part of the above bricks to be delivered within 60 days; one fourth within 120 days; one fourth within 150 days; and the balance within 6 months from and after the date of the contract.

G. W. LAWRENCE. DATE OF CONTRACT, SEPTEMBER 28, 1860.

Class No. 6, White Pine, Spruce, Juniper, and Cypress.

| | |
|--|---------------------|
| 10,000 feet, board measurement, No. 3 white pine boards..... | \$21 00 per M feet. |
| 5,000 feet No. 2 white pine boards..... | 30 00 per M feet. |
| 5,000 feet No. 2 white pine plank, 2 and 3 inch | 30 00 per M feet. |

The above lumber to be square edged, straight, and free from sap. All the above to be delivered within 120 days from and after the date of the contract.

HORTON HALL & Co. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 7, Lime, Hair, and Plaster. Miscellaneous.

| | |
|---|------------------|
| 100 casks first quality stone lime..... | \$1 00 per cask. |
| 10 bushels hair, long..... | 10 per bushel. |
| 20 tons pipeclay (2,000 lbs.)..... | 1 00 per ton. |
| 6 tons kaolin, (2,000 lbs.)..... | 1 00 per ton. |

To be delivered as required.

OAKMAN & ELDRIDGE. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 9, Gravel and Sand. Miscellaneous.

| | |
|--|-----------------|
| 250 tons paving gravel (2,240 lbs.)..... | \$0 50 per ton. |
| 200 tons molding sand, (2,240 lbs.)..... | 2 50 per ton. |

To be delivered as required.

HORTON, HALL & Co. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 11, Iron, Iron Nails, and Spikes. Miscellaneous.

| | |
|--|-------------------|
| 3,000 pounds American iron, round or square, from $\frac{1}{2}$ -inch to 5-inch, as may be required..... | \$0 05 per pound. |
| 1,500 pounds American iron, flat, from 1 to 6 inches wide, 1 to $1\frac{3}{4}$ inch thick, as may be required..... | 05 per pound. |
| 1,000 pounds Russia sheet iron..... | 02 per pound. |
| 600 pounds English sheet iron..... | 05 per pound. |
| 100 pounds Russia horse-nail rods..... | 01 per pound. |
| 200 pounds Russia spike rods..... | 01 per pound. |
| 500 pounds wrought-iron spikes..... | 02 per pound. |
| 200 pounds cut-iron spikes..... | 02 per pound. |
| 200 pounds wrought slate nails..... | 02 per pound. |
| 1,500 pounds iron cut nails, 3d to 40d..... | 05 per pound. |
| 100 pounds clout nails..... | 02 per pound. |
| 300 pounds iron wire..... | 02 per pound. |
| 100 pounds wrought-iron nails..... | 02 per pound. |
| 100 pounds Swedes iron nails..... | 02 per pound. |
| 500 pounds iron finishing nails..... | 01 per pound. |

To be delivered as required.

Class No. 12, Steel. Miscellaneous.

| | |
|---------------------------------------|-------------------|
| 2,500 pounds best cast steel..... | \$0 17 per pound. |
| 500 pounds English blister steel..... | 01 per pound. |
| 400 pounds German steel..... | 01 per pound. |
| 100 pounds steel wire..... | 01 per pound. |

To be delivered as required.

Class No. 14, Files. Miscellaneous.

| | |
|--|-------------------|
| 3 dozen 16-inch C. S. flat bastard files.... | \$2 00 per dozen. |
| 3 dozen 14-inch C. S. flat bastard files.... | 9 00 per dozen. |

| | |
|--|-------------------|
| 3 dozen 12-inch C. S. flat bastard files.... | \$8 00 per dozen. |
| 3 dozen 10-inch C. S. flat bastard files.... | 2 00 per dozen. |
| 3 dozen 8-inch C. S. flat bastard files..... | 1 00 per dozen. |
| 12 dozen 3-inch C. S. taper-saw files..... | 1 50 per dozen. |
| 12 dozen 5-inch C. S. taper-saw files..... | 2 50 per dozen. |
| 6 dozen 7-inch C. S. taper-saw files..... | 3 50 per dozen. |
| 12 dozen 5½-inch C. S. pit-saw files..... | 2 50 per dozen. |
| 3 dozen 4½-inch C. S. Stubb's saw files.... | 50 per dozen. |
| 3 dozen 6-inch C. S. Stubb's saw files..... | 62 per dozen. |
| 3 dozen 8-inch C. S. Stubb's saw files.... | 75 per dozen. |
| 2 dozen cabinet rasps, 12-inch..... | 9 00 per dozen. |
| 2 dozen 12-inch cabinet files..... | 9 00 per dozen. |
| 2 dozen 16-inch round bastard files..... | 2 00 per dozen. |
| 2 dozen 14-inch round bastard files..... | 1 75 per dozen. |
| 2 dozen 12-inch round bastard files..... | 1 50 per dozen. |
| 2 dozen 10-inch round bastard files..... | 1 25 per dozen. |
| 2 dozen 8-inch round bastard files..... | 1 00 per dozen. |
| 2 dozen 6-inch round bastard files..... | 75 per dozen. |
| 2 dozen 16-inch ½-round bastard files..... | 2 00 per dozen. |
| 2 dozen 14-inch ½-round bastard files..... | 9 00 per dozen. |
| 2 dozen 12-inch ½-round bastard files..... | 7 00 per dozen. |
| 2 dozen 10-inch ½-round bastard files..... | 2 00 per dozen. |
| 2 dozen 8-inch ½-round bastard files..... | 1 00 per dozen. |
| 2 dozen 6-inch ½-round bastard files..... | 75 per dozen. |
| 2 dozen 16-inch round blunt files..... | 2 00 per dozen. |
| 2 dozen 14-inch round blunt files..... | 1 75 per dozen. |
| 2 dozen 12-inch round blunt files..... | 1 50 per dozen. |
| 2 dozen 10-inch round blunt files..... | 1 25 per dozen. |
| 2 dozen 8-inch round blunt files..... | 1 00 per dozen. |
| 2 dozen 6-inch round blunt files..... | 75 per dozen. |
| 2 dozen 16-inch ½-round blunt files..... | 2 00 per dozen. |
| 2 dozen 14-inch ½-round blunt files..... | 1 75 per dozen. |
| 2 dozen 12-inch ½-round blunt files..... | 1 50 per dozen. |
| 2 dozen 10-inch ½-round blunt files..... | 1 25 per dozen. |
| 2 dozen 8-inch ½-round blunt files..... | 1 00 per dozen. |
| 2 dozen 6-inch ½-round blunt files..... | 75 per dozen. |
| 2 dozen 16-inch square bastard files..... | 2 00 per dozen. |
| 2 dozen 14-inch square bastard files..... | 1 75 per dozen. |
| 2 dozen 12-inch square bastard files..... | 1 50 per dozen. |
| 2 dozen 10-inch square bastard files..... | 1 25 per dozen. |
| 2 dozen 8-inch square bastard files..... | 1 00 per dozen. |
| 2 dozen 6-inch square bastard files..... | 75 per dozen. |
| 2 dozen 16-inch square blunt files..... | 2 00 per dozen. |
| 2 dozen 14-inch square blunt files..... | 1 75 per dozen. |
| 2 dozen 12-inch square blunt files..... | 1 50 per dozen. |
| 2 dozen 10-inch square blunt files..... | 1 25 per dozen. |
| 2 dozen 8-inch square blunt files..... | 1 00 per dozen. |
| 2 dozen 6-inch square blunt files..... | 75 per dozen. |
| 2 dozen 4-inch square blunt files..... | 62 per dozen. |
| 3 dozen 16-inch flat second cut files..... | 2 00 per dozen. |
| 3 dozen 14-inch flat second cut files..... | 9 00 per dozen. |

| | |
|--|-------------------|
| 3 dozen 12-inch flat second cut files..... | \$7 00 per dozen. |
| 3 dozen 10-inch flat second cut files..... | 5 00 per dozen. |
| 3 dozen 8-inch flat second cut files..... | 2 00 per dozen. |
| 3 dozen 6-inch flat second cut files..... | 1 50 per dozen. |
| 3 dozen 4-inch flat second cut files..... | 1 00 per dozen. |
| 3 dozen 16-inch $\frac{1}{2}$ -round second cut files... | 2 00 per dozen. |
| 3 dozen 14-inch $\frac{1}{2}$ -round second cut files... | 10 00 per dozen. |
| 3 dozen 12-inch $\frac{1}{2}$ -round second cut files... | 8 00 per dozen. |
| 3 dozen 10-inch $\frac{1}{2}$ -round second cut files... | 6 00 per dozen. |
| 3 dozen 8-inch $\frac{1}{2}$ -round second cut files... | 2 00 per dozen. |
| 3 dozen 6-inch $\frac{1}{2}$ -round second cut files... | 1 50 per dozen. |
| 3 dozen 4-inch $\frac{1}{2}$ -round second cut files... | 1 00 per dozen. |
| 2 dozen 16-inch C. S. flat smooth files.... | 2 00 per dozen. |
| 2 dozen 14-inch C. S. flat smooth files.... | 1 75 per dozen. |
| 2 dozen 12-inch C. S. flat smooth files.... | 1 50 per dozen. |
| 2 dozen 10-inch C. S. flat smooth files.... | 1 25 per dozen. |
| 2 dozen 8-inch C. S. flat smooth files..... | 1 00 per dozen. |
| 2 dozen 6-inch C. S. flat smooth files..... | 75 per dozen. |
| 2 dozen 4-inch C. S. flat smooth files..... | 62 per dozen. |
| 2 dozen 16-inch Stubb's superior flat files | 2 00 per dozen. |
| 2 dozen 14-inch Stubb's superior flat files | 1 75 per dozen. |
| 2 dozen 12-inch Stubb's superior flat files | 15 00 per dozen. |
| 2 dozen 10-inch Stubb's superior flat files | 12 00 per dozen. |
| 2 dozen 8-inch Stubb's superior flat files | 6 00 per dozen. |
| 2 dozen 6-inch Stubb's superior flat files | 2 00 per dozen. |
| 2 dozen 4-inch Stubb's superior flat files | 2 00 per dozen. |
| 2 dozen Stubb's sup. $\frac{1}{2}$ -round files, 16-inch | 2 00 per dozen. |
| 2 dozen Stubb's sup. $\frac{1}{2}$ -round files, 14-inch | 2 00 per dozen. |
| 2 dozen Stubb's sup. $\frac{1}{2}$ -round files, 12-inch | 15 00 per dozen. |
| 2 dozen Stubb's sup. $\frac{1}{2}$ -round files, 10-inch | 12 00 per dozen. |
| 2 dozen Stubb's sup. $\frac{1}{2}$ -round files 8-inch | 6 00 per dozen. |
| 2 dozen 14-inch knife bastard files..... | 1 25 per dozen. |
| 2 dozen 12-inch knife bastard files..... | 1 17 per dozen. |
| 2 dozen 10-inch knife bastard files..... | 1 08 per dozen. |
| 2 dozen 8-inch knife bastard files..... | 1 04 per dozen. |
| 2 dozen 6-inch knife bastard files..... | 1 00 per dozen. |
| 2 dozen 12-inch rattail files..... | 7 00 per dozen. |
| 2 dozen 16-inch horse rasps..... | 12 00 per dozen. |
| 1 dozen 12-inch C. S. mill-saw files..... | 8 00 per dozen. |

To be delivered as required.

Class-No. 15, Paints, Oils, and Glass. Per sample. Miscellaneous.

| | |
|---|-------------------|
| 1,500 pounds pure white lead, in oil..... | \$0 10 per pound. |
| 1,000 pounds white zinc paint..... | 10 per pound. |
| 200 pounds red lead..... | 08 per pound. |
| 30 pounds black lead..... | 05 per pound. |
| 100 pounds litharge..... | 02 per pound. |
| 50 pounds Paris green..... | 02 per pound. |
| 50 pounds chrome green..... | 25 per pound. |
| 100 pounds gum shellac..... | 25 per pound. |

| | | |
|---|--------|-------------|
| 6 pounds terra de sienna..... | \$0 02 | per pound. |
| 30 pounds pumice stone, fine..... | 02 | per pound. |
| 30 pounds pumice stone, crude..... | 02 | per pound. |
| 20 pounds sal ammoniac..... | 03 | per pound. |
| 10 pounds ivory black..... | 02 | per pound. |
| 5 pounds Chinese vermilion..... | 10 | per pound. |
| 5 pounds Turkey umber..... | 02 | per pound. |
| 5 pounds blue black..... | 02 | per pound. |
| 5 pounds rose pink..... | 02 | per pound. |
| 100 gallons English linseed oil..... | 1 15 | per gallon. |
| 200 pounds French yellow..... | 03 | per pound. |
| 300 pounds whiting..... | 03 | per pound. |
| 100 gallons spirits turpentine..... | 60 | per gallon. |
| 20 gallons coach varnish..... | 2 00 | per gallon. |
| 10 lights, 14 by 24, double-thick glass..... | 10 | per light. |
| 10 lights, 14 by 18, double-thick glass..... | 10 | per light. |
| 10 lights, 14 by 16, double-thick glass..... | 08 | per light. |
| 10 lights, 13 by 23, double-thick glass..... | 07 | per light. |
| 25 lights, 12 by 15, double-thick glass..... | 06 | per light. |
| 100 lights, 11 by 17, double-thick glass..... | 05 | per light. |
| 100 lights, 10 by 14, double-thick glass..... | 03 | per light. |
| 200 lights, 10 by 12, double-thick glass..... | 03 | per light. |
| 200 lights, 9 by 12, double-thick glass..... | 03 | per light. |
| 300 lights, 8 by 10, double-thick glass..... | 02 | per light. |
| 600 lights, 6 by 10, double-thick glass..... | 02 | per light. |
| 500 superficial feet $\frac{1}{2}$ -inch skylight plate.... | 02 | per foot. |

To be delivered as required.

Class No. 16, Ship Chandlery. Miscellaneous.

| | | |
|---|--------|-------------|
| 100 gallons alcohol, 90 per cent..... | \$1 00 | per gallon. |
| 75 pounds potash..... | 12 | per pound. |
| 50 pounds soda ash..... | 02 | per pound. |
| 3 carboys nitric acid, estimated at 450 pounds..... | 01 | per pound. |
| 6 carboys sulphuric acid, estimated at 900 pounds..... | 01 | per pound. |
| 1 carboy muriatic acid, estimated at 150 pounds..... | 01 | per pound. |
| 4 dozen brushes, No. 10, flat, paint, per sample..... | 1 00 | per dozen. |
| 3 dozen brushes, varnish, per sample.... | 6 00 | per dozen. |
| 6 dozen brushes, paint, 11111, per sample, | 15 00 | per dozen. |
| 4 dozen brushes, painters' dusting, per sample..... | 6 00 | per dozen. |
| 4 dozen brushes, bench dusting, per sample..... | 1 00 | per dozen. |
| 2 dozen brushes, size, per sample..... | 1 00 | per dozen. |
| 3 dozen brushes, blind, per sample..... | 1 00 | per dozen. |
| 4 dozen brushes, sash tool, No. 5, per sample..... | 3 00 | per dozen. |

| | | | |
|---------------|--|--------|-------------|
| 6 | dozen brushes, whitewash, per sample, | \$1 00 | per dozen. |
| 2 | dozen brushes, whitewash, extra, per sample | 36 00 | per dozen. |
| 8 | dozen brushes, machine, per sample... | 1 00 | per dozen. |
| 2 | dozen brushes, bench and hand, per sample | 10 00 | per dozen. |
| $\frac{1}{2}$ | gross camels' hair brushes, per sample, | 1 00 | per gross. |
| 12 | brushes, horse, per sample..... | 10 | each. |
| 6 | pounds bristles, per sample..... | 50 | per pound. |
| 12 | glue brushes, per sample..... | 10 | each. |
| 25 | baskets, two-bushel..... | 1 00 | each. |
| 10 | pounds beeswax..... | 05 | per pound. |
| 200 | pounds borax..... | 25 | per pound. |
| 50 | yards bunting, red, white, and blue, 18-inch..... | 02 | per yard. |
| 3 | pairs bellows, hand..... | 3 50 | each. |
| 40 | dozen brooms, corn..... | 4 00 | per dozen. |
| 6 | dozen hickory brooms..... | 50 | per dozen. |
| 100 | pounds cotton batting..... | 01 | per pound. |
| 500 | pounds cotton waste..... | 10 | per pound. |
| 20 | yards hair cloth..... | 05 | per yard. |
| 3 | pieces cotton sheeting..... | 50 | per piece. |
| 100 | pounds sperm candles..... | 05 | per pound. |
| 100 | pounds white chalk..... | 03 | per pound. |
| 6 | pounds red chalk..... | 03 | per pound. |
| 1 | dozen cattle cards..... | 3 00 | per dozen. |
| 1 | dozen curry-combs..... | 6 00 | per dozen. |
| 200 | chisel rods, hickory..... | 01 | each. |
| 4 | barrels distiller's lees..... | 2 00 | per barrel. |
| 20 | yards fernaught..... | 05 | per yard. |
| 4 | barrels sour flour..... | 7 50 | per barrel. |
| 2 | grindstones, estimated at 800 pounds.. | 01 | per pound. |
| 50 | pounds China glue..... | 05 | per pound. |
| 50 | pounds Russia glue..... | 30 | per pound. |
| 30 | truss hoops..... | 02 | each. |
| 6 | dozen hammer handles..... | 4 00 | per dozen. |
| 4 | dozen pickaxe handles..... | 4 00 | per dozen. |
| 100 | pounds belt leather, oak tanned..... | 75 | per pound. |
| 4 | sides bellows leather, estimated 30 pounds | 02 | per pound. |
| 3 | sides pumpleather, estimated 75 pounds, | 02 | per pound. |
| 30 | sides lace leather, estimated 300 pounds, | 05 | per pound. |
| 4 | sides harness leather, estimated 100 pounds | 05 | per pound. |
| 6 | chalk lines..... | 02 | each. |
| 10 | pounds brick line..... | 02 | per pound. |
| 2 | jars chloride lime..... | 10 | per jar. |
| 30 | gallons sour molasses..... | 02 | per gallon. |
| 2 | barrels rye meal..... | 50 | per barrel. |
| 6 | gross matches..... | 2 00 | per gross. |
| 600 | pounds oakum..... | 01 | per pound. |

| | | | |
|------------------------------|-------------------------------------|--------|-------------|
| 24 | sheets pasteboard..... | \$0 02 | per sheet. |
| 12 | sheets parchment..... | 02 | each. |
| 150 | pots black lead, 3,000 numbers..... | 06 | per number. |
| 4 | barrels pitch..... | 50 | per barrel. |
| 3 | pounds fine sponge..... | 2 00 | per pound. |
| 10 | pounds starch..... | 01 | per pound. |
| 10 | pounds antimony..... | 01 | per pound. |
| 25 | pounds whale oil soap..... | 01 | per pound. |
| 20 | yards cotton velvet..... | 10 | per yard. |
| 6 | sheepskins..... | 10 | each. |
| 3 | tapes, measuring 100 feet..... | 5 00 | each. |
| 3 | tapes, measuring 50 feet..... | 50 | each. |
| 25 | pounds seine twine..... | 05 | per pound. |
| 3 | pounds shoe thread..... | 05 | per pound. |
| 300 | pounds tallow..... | 02 | per pound. |
| 10 | barrels tar..... | 1 00 | per barrel. |
| 20 | pounds lamp-wick yarn..... | 02 | per pound. |
| 20 | pounds mop yarn..... | 02 | per pound. |
| 15 | pounds wickel..... | 02 | per pound. |
| 15 | pounds bismuth..... | 02 | per pound. |
| 6 | dozen file handles..... | 1 00 | per dozen. |
| 15 | yards enameled cloth..... | 1 50 | per yard. |
| 300 | pounds lignumvitæ..... | 01 | per pound. |
| 2 | pairs of ox yokes and bows..... | 1 00 | each. |
| 10 | pounds sulphur..... | 02 | per pound. |
| 100 | pounds extra No. 1 soap..... | 01 | per pound. |
| 50 | pounds Castile soap..... | 15 | per pound. |
| 2 | horse blankets..... | 50 | each. |
| 2 | horsefly covers..... | 50 | each. |
| 100 | pounds roll brimstone..... | 01 | per pound. |
| 100 | pounds copperas..... | 01 | per pound. |
| To be delivered as required. | | | |

Class No. 17, Hardware. Miscellaneous.

| | | | |
|-----|--|--------|------------|
| 3 | anvils, estimated to weigh 500 pounds.. | \$0 12 | per pound. |
| 3 | axes, broad..... | 25 | each. |
| 6 | axes, wood..... | 1 50 | each. |
| 6 | adzes, carpenters'..... | 25 | each. |
| 6 | axes, half wood..... | 10 | each. |
| 12 | axes, steel, pointed pick..... | 10 | each. |
| 2 | axes, coopers'..... | 25 | each. |
| 4 | dozen bits, auger, center..... | 7 50 | per dozen. |
| 3 | dozen plugs, $\frac{3}{4}$ to $1\frac{1}{4}$ inch..... | 25 | per dozen. |
| 3 | braces and bits..... | 75 | each. |
| 1 | bevel, steel tongued..... | 20 | each. |
| 40 | M brads, iron..... | 30 | per M. |
| 2 | dies, for cutting stars..... | 12 | each. |
| 3 | sets bits..... | 10 | per set. |
| 100 | pounds sheet brass..... | 02 | per pound. |
| 5 | pounds copper burrs..... | 05 | per pound. |

| | | | |
|-----|--|--------|------------|
| 3 | bit stocks, iron..... | \$0 08 | per set. |
| 6 | crowbars..... | 1 50 | each. |
| 1 | dozen chisels, turning, assorted..... | 5 00 | per dozen. |
| 1 | dozen chisels, firmer, assorted..... | 1 00 | per dozen. |
| 1 | dozen chisels, socket, assorted..... | 10 00 | per dozen. |
| 2 | chisels, slice, 3 inches wide..... | 10 | each. |
| 24 | catches, cupboard..... | 03 | each. |
| 3 | pairs callipers, to span from 6 to 30 inches..... | 10 | each. |
| 2 | compasses, coopers'..... | 10 | each. |
| 1 | cess-pool..... | 50 | each. |
| 400 | pounds braziers' copper..... | 04 | per pound. |
| 1 | diamond, glaziers'..... | 6 00 | each. |
| 4 | pairs dividers..... | 12 | each. |
| 100 | pounds emery, assorted..... | 15 | per pound. |
| 6 | reams emery paper, (Sibley & Co's)... | 50 | per ream. |
| 8 | reams emery cloth, (Sibley & Co's).... | 15 00 | per ream. |
| 2 | dozen fasts, window..... | 25 | per dozen. |
| 2 | dozen gouges, turning, assorted..... | 5 00 | per dozen. |
| 2 | dozen gouges, firmer, assorted..... | 1 00 | per dozen. |
| 2 | dozen gouges, socket, assorted..... | 1 00 | per dozen. |
| 1 | glass bevel, ground..... | 10 | each. |
| 2 | dozen gimblets, nail..... | 1 00 | per dozen. |
| 1 | dozen gimblets, spike..... | 1 00 | per dozen. |
| 12 | hoes, steel..... | 1 00 | each. |
| 12 | hammers, claw..... | 10 | each. |
| 6 | hammers, coppering..... | 05 | each. |
| 6 | hammers, C. S., for masons' use..... | 3 50 | each. |
| 6 | hatchets..... | 10 | each. |
| 12 | dozen hinges, iron but..... | 3 00 | per dozen. |
| 6 | dozen hinges, brass but..... | 50 | per dozen. |
| 1 | dozen hooks, coat..... | 25 | per dozen. |
| 2 | irons, beck..... | 10 | each. |
| 2 | jointers, coopers'..... | 10 | each. |
| 3 | jackscrews..... | 50 | each. |
| 2 | gross keys, blank..... | 50 | per gross. |
| 6 | knives, circular, for cutting hides..... | 4 00 | each. |
| 3 | knives, putty..... | 10 | each. |
| 3 | knives, hollow..... | 10 | each. |
| 3 | knives, drawing..... | 10 | each. |
| 12 | knives, sail, to pattern..... | 50 | each. |
| 800 | pounds lead pipe, size as required..... | 10 | per pound. |
| 800 | pounds lead sheet, as required..... | 10 | per pound. |
| 3 | locks, mortice, door, with knobs..... | 2 00 | each. |
| 3 | locks, 10-inch, dead..... | 25 | each. |
| 24 | locks, iron, chest..... | 05 | each. |
| 12 | locks, brass, drawer..... | 40 | each. |
| 2 | levels, spirit, 2 feet 6 inches long..... | 25 | each. |
| 6 | latches, iron..... | 1 00 | each. |
| 6 | nippers, cut..... | 10 | each. |
| 300 | needles, sail, assorted..... | 04 | each. |

| | | |
|-----|---|-----------------|
| 6 | padlocks, iron, tumbler..... | \$0 50 each. |
| 6 | padlocks, brass, tumbler..... | 05 each. |
| 1 | plow plane..... | 10 each. |
| 1 | rabbet plane..... | 12 each. |
| 1 | molding plane, double iron..... | 15 each. |
| 2 | oar planes..... | 20 each. |
| 1 | block plane..... | 12 each. |
| 6 | plyers, flat..... | 75 each. |
| 6 | plyers, round..... | 10 each. |
| 3 | pincers..... | 10 each. |
| 3 | punches, belt..... | 10 each. |
| 2 | rakes, hay..... | 50 each. |
| 3 | rakes, iron..... | 1 00 each. |
| 10 | pounds rivets, hose..... | 10 per pound. |
| 3 | M rivets, copper..... | 50 per M. |
| 3 | M rivets, tinned..... | 05 per M. |
| 6 | rules, 2 feet..... | 12 each. |
| 50 | gross screws, iron, $\frac{1}{2}$ to 6 inch..... | 1 00 per gross. |
| 50 | gross screws, brass, $\frac{1}{2}$ to 3 inch..... | 25 per gross. |
| 3 | saws, crosscut..... | 25 each. |
| 2 | saws, frame..... | 1 50 each. |
| 3 | saws, cast-steel, for copper and iron.... | 2 50 each. |
| 3 | saws, mill..... | 1 00 each. |
| 6 | saws, hand..... | 25 each. |
| 1 | saw, circular, 24-inch..... | 1 50 each. |
| 1 | saw, circular, 15-inch..... | 1 00 each. |
| 1 | saw, circular, 12-inch..... | 1 00 each. |
| 1 | saw, circular, 8-inch..... | 75 each. |
| 6 | saws, webb..... | 10 each. |
| 1 | saw, tenon..... | 12 each. |
| 1 | saw, dovetail..... | 15 each. |
| 2 | saws, wood, framed..... | 10 each. |
| 3 | sieves, brass..... | 2 00 each. |
| 1 | pair shears, tinnern'..... | 10 00 each. |
| 1 | square, steel, large size..... | 1 00 each. |
| 1 | square, trying..... | 12 each. |
| 6 | saw sets..... | 05 each. |
| 3 | screwdrivers..... | 10 each. |
| 6 | spades, cast-steel..... | 15 each. |
| 50 | shovels, cast-steel..... | 1 25 each. |
| 6 | shovels, cast-steel, coal..... | 25 each. |
| 3 | scythes..... | 1 50 each. |
| 1 | dozen scrapers..... | 50 per dozen. |
| 1 | pair lamp shears..... | 50 each. |
| 6 | reams sand-paper..... | 4 00 per ream. |
| 50 | M copper tacks..... | 10 per M. |
| 50 | M iron tacks..... | 10 per M. |
| 200 | pounds banca tin..... | 05 per pound. |
| 3 | boxes tin plate, XX..... | 1 00 per box. |
| 3 | thermometers..... | 1 00 each. |
| 2 | trowels, masons'..... | 10 each. |

| | | | |
|-----|-------------------------------------|--------|------------|
| 6 | vises, hand..... | \$0 12 | each. |
| 3 | vises, bench..... | 25 | each. |
| 3 | vises, chain..... | 15 00 | each. |
| 6 | dozen wrenches, screw, 24-inch..... | 1 00 | per dozen. |
| 50 | pounds brass wire..... | 05 | per pound. |
| 10 | pounds steel wire..... | 05 | per pound. |
| 6 | monkey wrenches..... | 3 00 | each. |
| 300 | pounds zinc, pig..... | 02 | per pound. |
| 500 | pounds, zinc, sheet..... | 10 | per pound. |
| 6 | iron riddles..... | 10 | each. |
| 3 | coopers' shaves..... | 15 | each. |
| 6 | thumb latches..... | 63 | each. |
| 6 | picks..... | 17 | each. |

To be delivered as required.

W. A. WHEELER. DATE OF CONTRACT, SEPTEMBER 28, 1860.

Class No. 18, Stationery. Miscellaneous. Per Sample.

| | | | |
|-------|--|---------|------------|
| 3 | almanacs, American, 1861..... | \$ 1 50 | each. |
| 3 | almanacs, Boston, 1861..... | 50 | each. |
| 8 | dozen books, small, memorandum..... | 1 00 | per dozen. |
| 2 | books, log, printed and ruled to pattern, | 5 00 | each. |
| 6 | books, copying, for naval storekeeper.... | 1 00 | each. |
| 6 | books, copying, for commandant..... | 1 00 | each. |
| 6 | books, requisition..... | 4 00 | each. |
| 12 | books, for entering bills..... | 1 00 | each. |
| 6 | books, for constructor..... | 1 00 | each. |
| 48 | books, memorandum, for constructor.... | 20 | each. |
| 3 | books, 6-quire blank, for monthly reports, | 1 50 | each. |
| 3 | books, 6-quire blank, time..... | 1 00 | each. |
| 3 | books, time, for master mechanics..... | 1 50 | each. |
| 3 | books, 3-quire account..... | 60 | each. |
| 3 | books, 2-quire account..... | 50 | each. |
| 3 | books, 4-quire account..... | 80 | each. |
| 3 | books, 6-quire account..... | 1 20 | each. |
| 3 | brushes, copying..... | 20 | each. |
| 1 | ream bills lading..... | 5 00 | per ream. |
| 6 | reams bills..... | 5 00 | per ream. |
| 40 | yards best tracing cloth..... | 30 | per yard. |
| 1 | piece cotton, $\frac{1}{4}$ wide (30 yards)..... | 4 00 | per yard. |
| 4 | cakes carmine..... | 75 | per cake. |
| 1 | ream inspectors' certificates..... | 5 00 | per ream. |
| 4 | directories, Boston..... | 2 50 | each. |
| 3 | directories, Charlestown..... | 2 50 | each. |
| 6,000 | envelopes, large, white..... | 3 50 | per M. |
| 1,000 | envelopes, extra size, white..... | 10 00 | per M. |
| 6,000 | envelopes, small, white..... | 3 00 | per M. |
| 6 | erasers..... | 25 | each. |
| 6 | quart-bottles fluid, Arnold's writing.... | 50 | each. |

| | | |
|--|--------|------------|
| 6 bottles fluid, carmine..... | \$0 20 | each. |
| 10 files, letter | 75 | each. |
| 6 pounds gum arabic, refined..... | 40 | per pound. |
| 3 inkstands, patent..... | 1 00 | each. |
| 6 bottles copying ink | 30 | each. |
| 6 dozen bottles black ink, pints | 1 50 | per dozen. |
| 1 dozen bottles red ink | 1 50 | per dozen. |
| 12 cakes India red..... | 01 | each. |
| 1 ream invoices, large..... | 1 00 | per ream. |
| 1 ream invoices, small..... | 10 00 | per ream. |
| 2 quires manifests, shippers'..... | 50 | per quire. |
| 24 bottles mucilage | 10 | each. |
| 30 reams foolscap paper..... | 2 50 | per ream. |
| 30 reams letter paper..... | 2 25 | per ream. |
| 6 reams envelope paper..... | 3 00 | per ream. |
| 2 reams blotting paper | 6 00 | per ream. |
| 1 ream log paper..... | 5 00 | per ream. |
| 10 reams note paper | 1 50 | per ream. |
| 4 reams foolscap paper, ruled to pattern.. | 4 00 | per ream. |
| 2 reams wrapping paper..... | 4 00 | per ream. |
| 2 reams roll-cover..... | 5 00 | per ream. |
| 24 penknives | 1 00 | each. |
| 5 paper folders..... | 20 | each. |
| 60 gross steel pens, assorted..... | 1 50 | per gross. |
| 10 cards steel pens, assorted..... | 01 | per card. |
| 60 pen holders | 05 | each. |
| 40 dozen pencils, Faber's best, assorted.... | 40 | per dozen. |
| 4 dozen mold loft pencils | 10 | per dozen. |
| 1 thousand quills, swans', best quality.... | 20 00 | per M. |
| 3 thousand quills, No. 18..... | 1 00 | per M. |
| 24 pieces rubber, English..... | 05 | each. |
| 3 registers, Massachusetts | 2 50 | each. |
| 2 reams rolls, pay, ruled to pattern..... | 20 00 | per ream. |
| 2 reams rolls, muster, ruled to pattern.... | 10 00 | per ream. |
| 2 reams rolls, $\frac{1}{2}$ -monthly, ruled to pattern, | 10 00 | per ream. |
| 1 ream reports, blank, labor | 5 00 | per ream. |
| 1 ream monthly reports, for commandant, | 5 00 | per ream. |
| 1 ream reports, master mechanics' | 5 00 | per ream. |
| 1 ream reports, clerk of checks..... | 5 00 | per ream. |
| 2 reams daily muster reports..... | 5 00 | per ream. |
| 1 ream receipts..... | 5 00 | per ream. |
| 1 ream requisitions for workmen..... | 8 00 | per ream. |
| 6 sand boxes..... | 50 | each. |
| 3 reams folio post for paymaster | 5 00 | per ream. |
| 50 papers sand..... | 10 | each. |
| 3 pounds wafers..... | 50 | per pound. |
| 3 wafer seals | 20 | each. |
| 3 pairs shears..... | 75 | per pair. |
| 8 dozen pieces taste, assorted | 75 | per dozen. |
| 8 dozen pieces red tape, assorted..... | 20 | per dozen. |
| 4 pounds of twine..... | 30 | per pound. |

| | | |
|---|--------|------------|
| 1 ream vouchers, with headings | \$6 00 | per ream. |
| 1 ream vouchers, plain | 6 00 | per ream. |
| 6 pounds sealing wax..... | 1 00 | per pound. |
| 6 pounce boxes, with pounce..... | 50 | each. |
| 150 sheets paper, double elephant..... | 15 | per sheet. |
| 100 sheets paper, tracing..... | 20 | per sheet. |
| 50 sheets paper, single elephant..... | 10 | per sheet. |
| 50 sheets paper, imperial, double-thick..... | 10 | per sheet. |
| 50 sheets paper, antiquarian, double-thick... | 60 | per sheet. |
| 1 set eyelet paper punches..... | 2 00 | per set. |

To be delivered as required.

FRANCIS MILLER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 20, Hay and Straw. Miscellaneous.

| | | |
|---|---------|----------|
| 75 tons (of 2,000 pounds) best quality herds- grass or timothy hay | \$19 50 | per ton. |
| 4 tons (of 2,000 pounds) straw..... | 14 80 | per ton. |
| 8 tons (of 2,000 pounds) salt hay..... | 21 00 | per ton. |

To be delivered as required.

PHILANDER AMES. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 21, Provender. Miscellaneous.

| | | |
|--------------------------------|--------|-------------|
| 70 bushels northern oats | \$0 50 | per bushel. |
| 700 bushels yellow meal..... | 85 | per bushel. |
| 200 bushels cracked corn..... | 60 | per bushel. |
| 50 bushels shorts | 10 | per bushel. |

To be delivered as required.

HORTON, HALL & Co. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 22, Charcoal. Miscellaneous.

| | | |
|---|--------|-------------|
| 3,000 bushels charcoal, (birch or maple)..... | \$0 13 | per bushel. |
|---|--------|-------------|

To be delivered as required.

Class No. 24. Sperm and Lubricating Oils. Miscellaneous.

| | | |
|--|--------|-------------|
| 700 gallons winter strained sperm oil..... | \$1 40 | per gallon. |
| 80 gallons whale oil..... | 10 | per gallon. |
| 20 gallons neatsfoot oil..... | 10 | per gallon. |

To be delivered as required.

Class No. 26, Augers. Miscellaneous.

| | | |
|--|--------|-------------|
| 50 dozen ship augers, Hommedieu's, 5,000 eighths..... | \$0 08 | per eighth. |
| 3 dozen treenail augers..... | 12 00 | per dozen. |
| 3 dozen Cook's augers..... | 1 00 | per dozen. |
| 12 dozen screw augers..... | 1 00 | per dozen. |
| 6 dozen pod augers..... | 1 00 | per dozen. |

To be delivered as required.

PHILANDER AMES. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 27, Anthracite Coal.

| | |
|--|-----------------|
| 1,600 tons (2,240 lbs.) white ash Lehigh, steam-boat size..... | \$5 25 per ton. |
| 150 tons (2,240 lbs.) red ash, egg size..... | 5 50 per ton. |
| 150 tons (2,240 lbs.) white ash, egg size..... | 5 40 per ton. |

For Naval Hospital at Chelsea.

80 tons (2,240 lbs.) white ash, broken size \$5 65 per ton.

All the above coal is to be of the best quality of its kind ; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government ; and the quantity delivered is to be paid for at the weights of the government scales. The coal for the hospital is to be delivered at the hospital.

HENRY A. MORSE. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 29, Bituminous Cumberland Coal. Miscellaneous.

| | |
|--|-----------------|
| 250 tons (2,240 lbs.) best quality lump Cumberland, for steam engines..... | \$5 50 per ton. |
|--|-----------------|

All the above coal is to be of the best quality of its kind ; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government ; and the quantity delivered is to be paid for at the weighs of the navy-yard scales.

WM. LANG. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 30, Semi-Bituminous Broad-Top, &c., Coal.

| | |
|---|-----------------|
| 450 tons (2,250 lbs.) lump broad-top coal, for smith's use..... | \$5 75 per ton. |
|---|-----------------|

All the above coal is to be of the best quality of its kind ; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government ; and the quantity delivered is to be paid for at the weighs of the navy-yard scales.

Proposals.

NAVY DEPARTMENT,
Bureau of Yards and Docks, August 16, 1860.

Sealed proposals for each class separately, indorsed "Proposals for Class No. (name the class) for the navy-yard at (name the yard)," will be received at this office until noon, on the 13th day of September next, for furnishing and delivering, at the several navy-yards named, the materials and articles embraced in printed schedules, which will be furnished on application, and sent by mail, if so requested, to persons desiring to offer to contract for any or all of the classes named therein, by the commandants of the several navy-yards, for the classes

for the yards under their command, or by the navy agent nearest thereto, or by the bureau for any or all of the yards.

To prevent confusion and mistakes in scaling the offers, no bid will be received which contains classes for more than one yard in one envelope; and each individual of a firm must sign the bid and contract.

Bidders are hereby cautioned and particularly notified that their offers must be in the form hereinafter prescribed, and be mailed in time to reach their destination before the time expires for receiving them. *No bid will be considered which shall be received after the period stated, and no allowance will be made for failures of the mail.*

To guard against offers being opened before the time appointed, bidders are requested to indorse on the envelope, above the address, and draw a line under the indorsement, thus:

“ Proposals for Class No. (name the class) for the navy-yard at (name the yard.)”

To the Chief of the Bureau of Yards and Docks, Washington, D. C.

FORM OF OFFER.

(Here date the offer.)

I, (here insert the name or names composing the firm,) of (name the town,) in the State of (name the State,) hereby offer to furnish under your advertisement, dated (date of advertisement,) and subject to all the requirements of the same, and of the printed schedule to which it refers, all the articles embraced in Class No. (name the class,) for the navy-yard at (name the yard,) according to said schedule, viz: (here paste on the printed class from the schedule, and opposite each article set the price and carry out the amount in the columns for dollars and cents, and foot up the aggregate amount of the bid for the class,) amounting to (here write the amount in words.)

I propose as my agent, (here name the agent, if one is required by the schedule, for the supply under the classes miscellaneous, by a non-resident of the place of delivery;) and should my offer be accepted, I request the contract may be prepared and sent to the navy agent at (name the agency,) for signatures and certificate.

(Here the bidder and each member of the firm to sign)

FORM OF GUARANTEE.

The undersigned, (name of guarantor,) of (name the town,) and State of, (name the State,) and (name of second guarantor, &c.,) hereby undertake that the abovenamed (name the bidder or bidders,) will, if his [or their] offer as above be accepted, enter into contract with the United States, within fifteen days after the date of notice, through the post office, of the acceptance of his [or their] offer before mentioned.

(Signatures of guarantors.)

(Witness.)

I certify that the abovenamed (here name the guarantors) are known to me to be good and responsible guarantors in this case.

(Signature.)

To be signed by the district judge, district attorney, collector, navy agent, or some person known to the bureau to be responsible.

The schedule will state the times within which articles will be required to be delivered; and where the printed schedule is not used, the periods stated in it for deliveries must be copied in the bids. All the articles which may be contracted for must be delivered at such place or places, including drayage and cartage to the place where used within the navy-yards, respectively, for which the offer is made, as may be directed by the commanding officer thereof; and, all other things being equal, preference will be given to American manufacture. No article will be received after the expiration of the period specified in the schedules for the completion of deliveries, unless specially authorized by the department. In computing the classes, the price stated in the column of prices will be the standard, and the aggregate of the class will be carried out according to the prices stated.

It is to be provided in the contract, and to be distinctly understood by the bidders, that the amount and number of articles enumerated in classes headed "miscellaneous," are specified as the *probable* quantity which may be required, as well as to fix data for determining the lowest bid; but the contractor is to furnish more or less of the said enumerated articles, *and in such quantities, and at such times, as the bureau or commandant may require*; such increase, however, not to exceed one-half of the quantities stated, (and requisitions sent through the post-office shall be deemed sufficient notice,) during the fiscal year ending June 30, 1861; and whether the quantities required be more or less than those specified, the prices shall remain the same.

All the articles under the contract must be of the best quality, delivered in good order, free of all and every charge or expense to the government, and subject to the inspection, count, weight, or measurement of the said navy-yard, and be in respects satisfactory to the commandant thereof. Bidders are referred to the yard for plans, specifications, or samples, and any further description of the articles. Contractors for classes headed "miscellaneous," who do not reside near the place where the articles are to be delivered, will be required to name in their proposals an agent at the city or principal place near the yard of delivery, who may be called upon to deliver articles *without delay* when they shall be required.

Approved sureties in the full amount of the contract will be required, and twenty per centum as additional security deducted from each payment until the contract shall have been completed or canceled, unless otherwise authorized by the department. On classes of articles headed "miscellaneous," to be delivered as required during the fiscal year, the twenty per centum retained may, at the discretion of the commandant, be paid quarterly on the first of January, April, July, and October, when the deliveries have been satisfactory, and the balance (eighty per cent.) will be paid by the respective navy agents within thirty days after the presentation of bills, in triplicate, duly vouched and approved.

No part of the per centum reserved is to be paid until all the rejected articles offered under the contract shall have been removed from the yard, unless specially authorized by the department.

It will be stipulated in the contract, that if default shall be made

by the parties of the first part in delivering all or any of the articles mentioned in any class bid for, of the quality, and at the times and places above provided, then and in that case the said parties will forfeit and pay to the United States a sum of money not to exceed twice the amount of such class; which may be recovered, from time to time, according to the act of Congress in that case provided, approved March 3, 1843.

The sureties must sign the contract, and their responsibility be certified to by a navy agent, collector, district attorney, or some other person satisfactorily known to the bureau.

It is to be provided in the contract that the bureau is to have the power of annulling the contract, without loss or damage to the government, in case Congress shall not have made sufficient appropriations for the articles named, or for the completion of works estimated for, and on which this advertisement is based, and shall also have the power to increase or diminish the quantities named in the classes not headed "miscellaneous," in the schedule, twenty-five per cent.

Persons whose offers shall be accepted will be notified by letter through the post office, which notice shall be considered sufficient; and if they do not enter into contract for the supplies specified within fifteen days from the date of notice from the bureau of the acceptance of their bid, a contract will be made with some other person or persons, and the guarantors of such defaulting bidders will be held responsible for all delinquencies.

All offers not made in *strict conformity* with this advertisement will, at the option of the bureau, be rejected.

Those only whose offers may be accepted will be notified, and contracts will be ready for execution as soon thereafter as may be practicable.

Schedule of materials required for the United States navy-yard, Brooklyn, New York, for the year ending June 30, 1861.

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 7, Lime, Hair, and Plaster. Miscellaneous.

| | | |
|------------------------------|---|--------------------|
| 20 | barrels lime, equal to the best Thomaston, put up in barrels, well hooped, containing 300 pounds each | \$0 90 per-barrel. |
| 10 | barrels lime, extra quality, for whitewashing | 1 00 per barrel. |
| 6 | squares slate, 18 by 10 inches | 60 per square. |
| To be delivered as required. | | |

Class No. 9, Gravel and Sand. Miscellaneous.

| | | |
|-----|-------------------------------------|-----------------------|
| 400 | cubic yards molding sand | \$1 50 per cub. yard. |
| 400 | molding bricks..... | 10 00 per M. |
| 5 | cubic yards fire clay..... | 3 00 per cub. yard. |
| 400 | fire bricks, No. 1 | 50 00 per M. |
| 5 | cubic yards brass-molding sand..... | 3 00 per cub. yard. |

| | |
|-------------------------------|-----------------------|
| 5 cubic yards beach sand..... | \$3 00 per cub. yard. |
| 5 cubic yards fire sand..... | 3 00 per cub. yard. |
| To be delivered as required. | |

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 11, Iron, Iron Nails, and Spikes. Miscellaneous.

| | |
|---|---------------------------------|
| 4,500 pounds American round iron, $\frac{1}{4}$ to 4 inches diameter..... | \$0 03 $\frac{1}{2}$ per pound. |
| 2,000 pounds American flat iron, $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch thick, $\frac{3}{4}$ to 7 inches wide..... | 02 per pound. |
| 200 pounds American square iron, $\frac{1}{2}$ to 2 inch..... | 05 per pound. |
| 750 pounds charcoal boiler plate iron, 1 to 5 wire guage, of such lengths and widths as may be required..... | 05 per pound. |
| 100 pounds Russia sheet iron..... | 05 per pound. |
| 100 pounds sheet iron, assorted..... | 05 per pound. |
| 50 pounds hoop iron, assorted..... | 04 per pound. |
| 100 pounds iron cut nails, from 4d up, as required..... | 04 per pound. |
| 10 pounds finishing nails, $\frac{3}{4}$ to 2 inch, assorted..... | 10 per pound. |
| 5 papers brad-head nails, assorted..... | 10 per paper. |
| 100 pounds boiler rivets, assorted sizes and lengths..... | 05 per pound. |
| 10 pounds iron rivets, assorted sizes and lengths..... | 15 per pound. |
| 50 pounds horse-shoe nails..... | 05 per pound. |
| 50 pounds ox-shoe nails..... | 05 per pound. |
| To be delivered as required. | |

Class No. 12, Steel. Miscellaneous.

| | |
|---|---------------------------------|
| 2,000 pounds best and extra cast steel, assorted..... | \$0 15 $\frac{1}{2}$ per pound. |
| 200 pounds German steel..... | 04 per pound. |
| 200 pounds blister steel..... | 02 per pound. |
| 100 pounds Damascus steel..... | 18 per pound. |
| To be delivered as required. | |

Class No. 14, Files. Miscellaneous.

| | |
|--|-------------------|
| 2 dozen 20-inch flat bastard files..... | \$2 00 per dozen. |
| 2 dozen 18-inch flat bastard files..... | 1 50 per dozen. |
| 6 dozen 16-inch flat bastard files..... | 10 00 per dozen. |
| 12 dozen 14-inch flat bastard files..... | 6 00 per dozen. |
| 1 dozen 13-inch flat bastard files..... | 1 00 per dozen. |
| 6 dozen 12-inch flat bastard files..... | 4 50 per dozen. |
| 6 dozen 10-inch flat bastard files..... | 3 00 per dozen. |
| 4 dozen 8-inch flat bastard files..... | 2 00 per dozen. |
| 5 dozen 6-inch flat bastard files..... | 1 00 per dozen. |

| | | | |
|---------------|-------|--|-------------------|
| 6 | dozen | 4-inch flat bastard files..... | \$0 70 per dozen. |
| $\frac{1}{2}$ | dozen | 20-inch half-round bastard files. | 2 00 per dozen. |
| 1 | dozen | 18-inch half-round bastard files. | 1 50 per dozen. |
| 3 | dozen | 16-inch half-round bastard files. | 10 00 per dozen. |
| 12 | dozen | 14-inch half-round bastard files. | 6 50 per dozen. |
| $\frac{1}{2}$ | dozen | 13-inch half-round bastard files. | 1 00 per dozen. |
| 10 | dozen | 12-inch half-round bastard files. | 4 50 per dozen. |
| 10 | dozen | 10-inch half-round bastard files. | 3 50 per dozen. |
| 9 | dozen | 8-inch half-round bastard files. | 2 00 per dozen. |
| 7 | dozen | 6-inch half-round bastard files. | 1 00 per dozen. |
| 1 | dozen | 4-inch half-round bastard files. | 70 per dozen. |
| $\frac{1}{2}$ | dozen | 20-inch hand bastard files | 1 50 per dozen. |
| $\frac{1}{2}$ | dozen | 18-inch hand bastard files | 1 00 per dozen. |
| 2 | dozen | 16-inch hand bastard files | 10 00 per dozen. |
| 6 | dozen | 14-inch hand bastard files | 7 00 per dozen. |
| 4 | dozen | 12-inch hand bastard files | 4 50 per dozen. |
| 4 | dozen | 10-inch hand bastard files | 3 50 per dozen. |
| 4 | dozen | 8-inch hand bastard files | 2 25 per dozen. |
| 2 | dozen | 6-inch hand bastard files | 75 per dozen. |
| $\frac{1}{2}$ | dozen | 20-inch flat smooth files | 1 50 per dozen. |
| $\frac{1}{2}$ | dozen | 18-inch flat smooth files | 1 00 per dozen. |
| 1 | dozen | 16-inch flat smooth files | 10 50 per dozen. |
| 2 | dozen | 14-inch flat smooth files | 7 75 per dozen. |
| $\frac{1}{2}$ | dozen | 13-inch flat smooth files | 1 00 per dozen. |
| 2 | dozen | 12-inch flat smooth files | 5 00 per dozen. |
| 2 | dozen | 10-inch flat smooth files | 4 00 per dozen. |
| 4 | dozen | 8-inch flat smooth files | 2 75 per dozen. |
| 1 | dozen | 4-inch flat smooth files | 1 00 per dozen. |
| $\frac{1}{2}$ | dozen | 20-inch hand smooth files | 1 50 per dozen. |
| $\frac{1}{2}$ | dozen | 18-inch hand smooth files | 1 00 per dozen. |
| 1 | dozen | 16-inch hand smooth files | 10 50 per dozen. |
| 1 | dozen | 14-inch hand smooth files | 9 00 per dozen. |
| 1 | dozen | 12-inch hand smooth files | 6 50 per dozen. |
| 2 | dozen | 10-inch hand smooth files | 4 25 per dozen. |
| 2 | dozen | 8-inch hand smooth files | 3 00 per dozen. |
| $\frac{1}{2}$ | dozen | 20-inch half-round smooth files. | 1 25 per dozen. |
| $\frac{1}{2}$ | dozen | 18-inch half-round smooth files. | 1 00 per dozen. |
| 1 | dozen | 16-inch half-round smooth files. | 9 90 per dozen. |
| 1 | dozen | 14-inch half-round smooth files. | 8 50 per dozen. |
| 1 | dozen | 12-inch half-round smooth files. | 5 50 per dozen. |
| 1 | dozen | 10-inch half-round smooth files. | 3 50 per dozen. |
| 1 | dozen | 8-inch half-round smooth files. | 2 50 per dozen. |
| $\frac{1}{2}$ | dozen | 6-inch half-round smooth files. | 1 00 per dozen. |
| $\frac{1}{2}$ | dozen | 4-inch half-round smooth files. | 70 per dozen. |
| $\frac{1}{2}$ | dozen | 14-inch dead smooth flat files.... | 12 00 per dozen. |
| $\frac{1}{2}$ | dozen | 14-inch dead smooth half-round files | 14 00 per dozen. |
| $\frac{1}{2}$ | dozen | 20-inch square files | 1 25 per dozen. |
| $\frac{1}{2}$ | dozen | 18-inch square files | 1 00 per dozen. |
| 2 | dozen | 13-inch square files | 9 00 per dozen. |
| 2 | dozen | 14-inch square files | 4 00 per dozen. |

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| 3 | dozen 12-inch square files | \$4 50 per dozen. |
| 1 | dozen 10-inch square files | 3 75 per dozen. |
| 1 | dozen 8-inch square files | 2 50 per dozen. |
| 1 | dozen 6-inch square files | 1 50 per dozen. |
| 1 | dozen 5-inch square files | 1 00 per dozen. |
| 1 | dozen 4-inch square files | 70 per dozen. |
| $\frac{1}{2}$ | dozen 20-inch round files | 1 25 per dozen. |
| $\frac{1}{2}$ | dozen 18-inch round files | 1 00 per dozen. |
| 2 | dozen 16-inch round files | 1 00 per dozen. |
| 2 | dozen 14-inch round files | 5 00 per dozen. |
| 3 | dozen 12-inch round files | 5 50 per dozen. |
| 2 | dozen 10-inch round files | 4 00 per dozen. |
| 1 | dozen 8-inch round files | 3 00 per dozen. |
| 1 | dozen 6-inch round files | 2 00 per dozen. |
| $\frac{1}{2}$ | dozen 4-inch round files | 75 per dozen. |
| $\frac{1}{2}$ | dozen 3 $\frac{1}{2}$ -inch round files | 70 per dozen. |
| $\frac{1}{2}$ | dozen 3-inch round files | 55 per dozen. |
| 2 | dozen 3 $\frac{1}{2}$ to 6-inch flat bastard files.... | 70 per dozen. |
| 2 | dozen 3 $\frac{1}{2}$ to 6-inch half-round bastard files..... | 70 per dozen. |
| $\frac{1}{2}$ | dozen 14-inch three-square bastard files | 50 per dozen. |
| 1 | dozen 12-inch three-square bastard files | 70 per dozen. |
| $\frac{1}{2}$ | dozen 10-inch three-square bastard files | 54 per dozen. |
| 1 | dozen 8-inch three-square bastard files | 50 per dozen. |
| $\frac{1}{2}$ | dozen 6-inch three-square bastard files | 50 per dozen. |
| 1 | dozen 14-inch second-cut files | 70 per dozen. |
| 1 | dozen 12-inch second-cut files | 25 per dozen. |
| 1 | dozen 10-inch second-cut files | 25 per dozen. |
| 1 | dozen 8-inch second-cut files..... | 25 per dozen. |
| 1 | dozen 18-inch parallel square files..... | 1 00 per dozen. |
| 1 | dozen 16-inch parallel square files..... | 90 per dozen. |
| 1 | dozen 14-inch parallel square files..... | 80 per dozen. |
| 1 | dozen 12-inch parallel square files..... | 70 per dozen. |
| 1 | dozen 10-inch parallel square files..... | 60 per dozen. |
| 1 | dozen 8-inch parallel square files..... | 50 per dozen. |
| 2 | dozen 3-inch double-cut taper saw files, | 40 per dozen. |
| 2 | dozen 3 $\frac{1}{2}$ -inch double-cut taper saw files, | 30 per dozen. |
| 2 | dozen 4-inch double-cut taper saw files, | 20 per dozen. |
| 1 | dozen 4 $\frac{1}{2}$ -inch double-cut taper saw files, | 10 per dozen. |
| 3 | dozen 5-inch double-cut taper saw files, | 05 per dozen. |
| 2 | dozen 5 $\frac{1}{2}$ -inch double-cut taper saw files, | 10 per dozen. |
| 1 | dozen 6-inch double-cut taper saw files, | 20 per dozen. |
| 2 | dozen 7-inch double-cut taper saw files, | 30 per dozen. |
| 12 | dozen 14-inch mill-saw files..... | 6 50 per dozen. |
| 12 | dozen 10-inch mill-saw files | 4 50 per dozen. |
| 4 | dozen 6-inch mill-saw files | 1 50 per dozen. |
| $\frac{1}{2}$ | dozen 10-inch safe-edge files, parallel edges..... | 25 per dozen. |
| 1 | dozen 8-inch safe-edge files, parallel edges | 25 per dozen |
| 1 | dozen 16-inch float files, parallel edges, | 6 50 per dozen. |

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| 1 | dozen 14-inch float files, parallel edges, | \$5 50 | per dozen. |
| 1 | dozen 12-inch float files, parallel edges, | 4 50 | per dozen. |
| 1 | dozen 10-inch float files, parallel edges, | 3 50 | per dozen. |
| 1 | dozen 8-inch float files, parallel edges, | 2 50 | per dozen. |
| 1 | dozen 6-inch float files, parallel edges, | 1 50 | per dozen. |
| $\frac{1}{2}$ | dozen 12-inch cabinet makers' wood files..... | 4 00 | per dozen. |
| $\frac{1}{2}$ | dozen 10-inch cabinet makers' wood files..... | 3 00 | per dozen. |
| $\frac{1}{2}$ | dozen 12-inch cabinet makers' wood rasps..... | 4 00 | per dozen. |
| $\frac{1}{2}$ | dozen 14-inch cabinet makers' wood rasps, coarse..... | 5 00 | per dozen. |
| $\frac{1}{2}$ | dozen horse rasps..... | 6 00 | per dozen. |
| $\frac{1}{2}$ | dozen 14-inch three-square taper files, | 1 00 | per dozen. |
| $\frac{1}{2}$ | dozen 12-inch three-square taper files, | 1 50 | per dozen. |
| 5 | dozen 8-inch three-square taper files... | 2 00 | per dozen. |
| 3 | dozen 7-inch three-square taper files... | 2 25 | per dozen. |
| 20 | dozen 6-inch three-square taper files... | 1 75 | per dozen. |
| 25 | dozen 5-inch three-square taper files... | 1 50 | per dozen. |
| 60 | dozen 4-inch three-square taper files... | 1 25 | per dozen. |
| 10 | dozen 3-inch three-square taper files... | 1 00 | per dozen. |
| 5 | dozen $2\frac{1}{2}$ -inch three-square taper files, | 75 | per dozen. |
| $\frac{1}{2}$ | dozen 8-inch flat double-cut files..... | 10 | per dozen. |
| $\frac{1}{2}$ | dozen 6-inch rat-tail files..... | 1 00 | per dozen. |
| $\frac{1}{2}$ | dozen 4-inch rat-tail files..... | 1 00 | per dozen. |
| $\frac{1}{2}$ | dozen 3-inch rat-tail files..... | 70 | per dozen. |
| $\frac{1}{2}$ | dozen 8-inch rat-tail files..... | 1 50 | per dozen. |
| $\frac{1}{2}$ | dozen 8-inch four-square files..... | 50 | per dozen. |
| $\frac{1}{2}$ | dozen 6-inch four-square files..... | 50 | per dozen. |
| $\frac{1}{2}$ | dozen 3-inch four-square files..... | 30 | per dozen. |
| $\frac{1}{2}$ | dozen 5-inch knife files..... | 1 00 | per dozen. |
| $\frac{1}{2}$ | dozen 3-inch double-cut ward files..... | 70 | per dozen. |
| $\frac{1}{2}$ | dozen 5-inch double-cut ward files..... | 75 | per dozen. |
| 1 | dozen 5-inch ward files..... | 70 | per dozen. |
| 1 | dozen 4-inch ward files..... | 75 | per dozen. |
| $\frac{1}{2}$ | dozen 3-inch ward files..... | 50 | per dozen. |

All other sizes required to be furnished by the contractor at proportionate prices.

To be delivered as required.

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 15, Paints, Oils, and Glass. Miscellaneous.

| | | | |
|-------|-----------------------------------|--------|------------|
| 1,250 | pounds pure white lead, dry..... | \$0 07 | per pound. |
| 400 | pounds pure red lead, dry..... | 07 | per pound. |
| 150 | pounds Paris whiting..... | 01 | per pound. |
| 100 | pounds whiting..... | 01 | per pound. |
| 20 | pounds gum shellac..... | 10 | per pound. |
| 15 | pounds burnt umber, in oil..... | 10 | per pound. |
| 12 | pounds English patent dryers..... | 10 | per pound. |

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| 5 pounds litharge..... | \$0 10 per pound. |
| 5 pounds lampblack..... | 10 per pound. |
| 5 pounds black lead..... | 10 per pound. |
| 100 gallons linsced oil, raw..... | 50 per gallon. |
| 15 gallons spirits turpentine..... | 60 per gallon. |

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 16, Ship Chandlery. Miscellaneous.

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| 30 gallons alcohol, 95 per cent. proof..... | \$0 65 per gallon. |
| 300 corn brooms..... | 25 each. |
| 144 hickory brooms..... | 10 each. |
| 48 street and stable rattan brooms..... | 55 each. |
| 24 birch brooms..... | 15 each. |
| 12 whisk brooms..... | 12 each. |
| 2 dozen whitewash brushes..... | 7 50 per dozen. |
| 2 dozen hand scrubbing brushes..... | 2 25 per dozen. |
| 1 dozen clamp scrubbing brushes..... | 2 25 per dozen. |
| 1 dozen hand dusting brushes..... | 3 00 per dozen. |
| $\frac{1}{2}$ dozen marking brushes..... | 50 per dozen. |
| 14 dozen paint brushes, assorted..... | 9 00 per dozen. |
| 4 dozen painters' dusting brushes..... | 4 00 per dozen. |
| 3 dozen varnish brushes..... | 6 00 per dozen. |
| 2 dozen sable lettering pencil brushes..... | 12 per dozen. |
| 1 dozen paying tool brushes..... | 1 10 per dozen. |
| 3 dozen French fitches..... | 80 per dozen. |
| 1 dozen glue brushes..... | 1 00 per dozen. |
| 2 dozen blending brushes..... | 6 00 per dozen. |
| 1 dozen Kalsomine brushes..... | 15 00 per dozen. |
| 1 molding tool brush..... | 1 00 each. |
| 2 pounds best Russian bristles..... | 2 00 per pound. |
| 10 pounds refined borax..... | 50 per pound. |
| 7 pieces bunting, assorted colors, 18 inches wide..... | 5 00 per piece. |
| 6 pieces bunting, assorted colors, 12 inches wide..... | 4 00 per piece. |
| 500 pounds sperm candles..... | 01 per pound. |
| 150 pounds white chalk..... | 03 per pound. |
| 5 pounds red chalk..... | 05 per pound. |
| 4 reams emery cloth..... | 7 00 per ream. |
| 2 reams crocus cloth..... | 10 per ream. |
| 160 blacklead crucibles, assorted sizes—say 15,000 numbers..... | 05 per number. |
| 2 sets steel graining combs..... | 1 50 per set. |
| 50 yards fine raven's duck..... | 20 per yard. |
| 12 pounds emery, assorted..... | 10 per pound. |
| 5 barrels common sour flour..... | 10 per barrel. |
| 25 square feet boiler felting..... | 25 per sq. foot. |
| 10 pounds ground glass, assorted..... | 10 per pound. |
| 100 pounds white glue..... | 30 per pound. |

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| 10 dozen hickory hammer handles | \$1 00 | per dozen. |
| 4 dozen hickory sledge hammer handles.. | 1 00 | per dozen. |
| 1 set truss hoops, 19 inch, riveted | 1 50 | per set. |
| 1 set truss hoops, 14 inch, riveted | 1 00 | per set. |
| 6 flax fishing lines, 150 feet each..... | 30 | each. |
| 5 metallic tape lines, 100 feet each..... | 1 00 | each. |
| 3 metallic tape lines, 50 feet each | 50 | each. |
| 36 bottles Kellinger's liniment, largest size..... | 25 | per bottle. |
| 1 flask mercury | 5 00 | per flask. |
| 2 pieces white muslin, yard wide..... | 4 00 | per piece. |
| 100 seaming sail needles | 2 00 | per 100. |
| 100 assorted sail needles | 1 50 | per 100. |
| 10 reams sand-paper, assorted | 2 50 | per ream. |
| 200 pounds brown soap | 08 | per pound. |
| 25 pounds Castile soap..... | 14 | per pound. |
| 2 barrels soft soap..... | 2 50 | per barrel. |
| 4 barrels compound solvent..... | 2 50 | per barrel. |
| 750 pounds pure beef tallow..... | 15 | per pound. |
| 2 barrels coal tar..... | 2 50 | per barrel. |
| 6 glass tumblers..... | 25 | each. |
| 5 pounds shoe thread | 60 | per pound. |
| 4 pounds thread, No. 35, assorted colors | 80 | per pound. |
| 3 hanks seine twine..... | 50 | per hank. |
| 200 pounds cotton waste, for wiping stuff... | 14 | per pound. |
| 4 wheelbarrows | 2 50 | each. |
| 10 pounds lamp-wick yarn..... | 25 | per pound. |
| 10 pounds hemp packing yarn..... | 25 | per pound. |
| To be delivered as required. | | |

Class No. 17, Hardware. Miscellaneous.

| | | |
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| 4 cast steel wood axes, handled..... | 1 40 | each. |
| 2 junk axes..... | 1 00 | each. |
| 1 carpenters' broad-ax, handled | 1 50 | each. |
| 1 round ax..... | 1 60 | each. |
| 1 carpenters' adze | 1 00 | each. |
| 2 anvils, 250 to 400 lbs. each—say 650 pounds | 07 | per pound. |
| 2 dozen awls, assorted..... | 25 | per dozen. |
| 2 belt awls..... | 10 | each. |
| 1 dozen horse bits | 3 00 | per dozen. |
| 6 hacksaw blades, to suit frames..... | 30 | each. |
| 100 pounds bolts and nuts, assorted sizes ... | 10 | per pound. |
| 25 pounds expanding screw bolts, without nuts, assorted | 10 | per pound. |
| 1 iron bit-brace..... | 75 | each. |
| 5 pounds copper burrs..... | 45 | per pound. |
| 4 pairs callipers, assorted..... | 75 | per pair. |
| 1 set flat turning chisels, 8 pieces, from $\frac{1}{4}$ $\frac{1}{2}$ inch | 3 00 | per set. |

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| 9 turning chisels, $\frac{1}{2}$ to 2 inch, handled.... | \$0 30 | each. |
| 4 socket chisels $\frac{1}{2}$ to $1\frac{1}{2}$ inch, handled | 40 | each. |
| 4 firmer chisels, $\frac{3}{8}$ to 2 inch, handled..... | 70 | each. |
| 1 belt clamp, medium size..... | 5 00 | each. |
| 6 do. clasps, assorted | 25 | each. |
| 3 pairs compasses..... | 25 | per pair. |
| 20 oil cups, No. 1, for pillar blocks..... | 50 | each. |
| 2 oil cups, No. 1, for steam lubricators ... | 2 00 | each. |
| 1 glaziers' diamond | 4 00 | each. |
| 1 set steel figures, $\frac{3}{8}$ inch..... | 4 00 | per set. |
| 1 pair dividers..... | 75 | per pair. |
| 2 ratchet drills, assorted..... | 6 50 | each. |
| 1 set flat turning gouges, 8 pieces, from $\frac{1}{4}$ to $1\frac{1}{2}$ inch..... | 3 00 | per set. |
| 6 turning gouges; $\frac{3}{8}$ to $1\frac{1}{2}$ inch..... | 30 | each. |
| 2 flat gouges, $1\frac{1}{2}$ to $2\frac{1}{2}$ inch..... | 40 | each. |
| 2 Ohio grindstones, $4\frac{1}{2}$ feet diameter, 6 inches thick..... | 14 50 | each. |
| 1 Ohio grindstone, 4 feet diameter, 5 inches thick..... | 13 00 | each. |
| 4 claw hammers..... | 75 | each. |
| 4 dozen coppering hammers..... | 3 00 | per dozen. |
| 3 tinmiths' hammers..... | 75 | each. |
| 6 cast steel hatchets, handled | 60 | each. |
| 1 dozen iron but hinges, assorted..... | 75 | per dozen. |
| 6 jointers' irons | 50 | each. |
| 4 plane irons..... | 30 | each. |
| 1 hydraulic jack, 15 tons, to run out 12 inches, and lift from the ground | 40 00 | each. |
| 2 pitch kettles, to hold 120 gallons each.. | 5 00 | each. |
| 3 hollow drawing knives..... | 1 00 | each. |
| 6 hacking knives..... | 40 | each. |
| 3 pallet knives..... | 50 | each. |
| 6 putty knives..... | 25 | each. |
| 6 sail knives..... | 25 | each. |
| 10 shoe knives | 10 | each. |
| 12 drawer knobs..... | 05 | each. |
| 1 set alphabetical letters and figures..... | 4 50 | per set. |
| 1 set steel letters, $\frac{3}{8}$ inch..... | 4 00 | per set. |
| 1 paint mill | 7 50 | each. |
| 1 Turkey oil stone..... | 2 50 | each. |
| 6 oil stone slips, 6 inches long, $1\frac{1}{4}$ by $\frac{1}{2}$ inch..... | 25 | each. |
| 8 pounds oil stones | 40 | per pound. |
| 2 pairs pincers..... | 25 | per pair. |
| 1 smoothing plane..... | 75 | each. |
| 1 fore plane..... | 1 00 | each. |
| 3 screw plates and taps, assorted | 2 50 | each. |
| 3 pairs plyers, assorted..... | 25 | per pair. |
| 6 belt punches..... | 12 | each. |
| 6 molders' riddles, No. $\frac{1}{4}$ to No. 16, as- sorted..... | 50 | each. |

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| 2 single jointed two-foot rules, boxwood.. | \$0 50 each. |
| 2 double-jointed two-foot rules, boxwood.. | 75 each. |
| 1 circular saw, 2 feet in diameter, for hard or soft wood..... | 7 50 each. |
| 1 circular saw, 12 inches in diameter, for hard wood..... | 50 each. |
| 1 circular saw, 16 inches in diameter, 1½ inch hole, No. 14 gauge..... | 3 75 each. |
| 1 circular saw, 24 inches in diameter, 1 inch hole, No. 10 gauge..... | 7 75 each. |
| 6 scroll saws, 30 inches long, 1¼ inch wide, ground back..... | 35 each. |
| 6 scroll saws, 30 inches long, ¾ inch wide, ground back..... | 33 each. |
| 6 scroll saws, 30 inches long, ½ inch wide, ground back..... | 30 each. |
| 6 scroll saws, 28 inches long, ¾ inch wide, ground back..... | 20 each. |
| 6 scroll saws, 28 inches long, ½ inch wide, ground back..... | 30 each. |
| 6 scroll saws, 28 inches long, ⅜ inch wide, ground back..... | 25 each. |
| 6 scroll saws, 28 inches long, ¼ inch wide, ground back..... | 25 each. |
| 6 scroll saws, 26 inches long, ⅜ inch wide, ground back..... | 25 each. |
| 6 scroll saws, 26 inches long, ¼ inch wide, ground back..... | 25 each. |
| 6 scroll saws, 19 inches long, ¾ inch wide, ground back..... | 25 each. |
| 6 scroll saws, 19 inches long, ½ inch wide, ground back..... | 20 each. |
| 6 scroll saws, 19 inches long, ⅜ inch wide, ground back..... | 20 each. |
| 6 mill saws, 7 feet long, 9 inches wide, No. 7 gauge..... | 7 00 each. |
| 6 hand hack saws, 20-inch blade..... | 1 50 each. |
| 2 hack saws with frames, complete..... | 1 50 each. |
| 3 hand saws..... | 1 50 each. |
| 3 cross-cut saws, 4½ feet long..... | 2 75 each. |
| 2 rigging saws..... | 1 25 each. |
| 1 tenon saw..... | 1 00 each. |
| 1 compass saw..... | 50 each. |
| 2 buck saws with frames, complete..... | 75 each. |
| 72 cast steel scrapers..... | 40 each. |
| 2 scythes..... | 60 each. |
| 6 scythe stones..... | 06 each. |
| 5 gross iron screws, assorted, gimlet points..... | 1 00 per gross. |
| 1 platform scale on wheels, to weigh 4,500 lbs..... | 40 00 each. |
| 1 saw set..... | 25 each. |

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| 1 pair tinnerns' shears..... | \$1 50 per pair. |
| 1 pair bench shears..... | 4 00 per pair. |
| 48 cast-steel shovels | 90 each. |
| 12 cast-steel shovels, back strapped | 1 00 each. |
| 6 cast-steel scoop shovels..... | 1 00 each. |
| 6 sickles..... | 50 each. |
| 1 pair tinnerns snips..... | 1 00 each. |
| 6 two-foot iron squares | 25 each. |
| 6 two-foot steel squares | 75 each. |
| 1 trying square..... | 25 each. |
| 1 set stocks and dies, large size | 4 00 per set. |
| 12 papers iron cut tacks, assorted..... | 03 per paper. |
| 6 papers copper cut tacks, assorted..... | 25 per paper. |
| 5 iron vises, 90 pounds and upwards—say 800 pounds..... | 10 per pound. |
| 2 adjustable self-acting vises, say 200 pounds..... | 10 per pound. |
| 6 whetstones | 10 each. |
| 1 small hand vise..... | 25 each. |
| 5 pounds copper wire, assorted..... | 40 per pound. |
| 5 pounds iron wire, assorted..... | 10 per pound. |
| 5 pounds brass wire, assorted | 30 per pound. |
| 5 pounds steel wire, assorted | 25 per pound. |
| 10 screw wrenches, 6 to 24 inch, assorted.. | 2 00 each. |
| 2 gripping and eccentric screw-wrenches, assorted..... | 1 00 each. |
| To be delivered as required. | |

J. A. H. HASBROUCK. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 18, Stationery. Miscellaneous.

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| 400 blank police reports, per pattern..... | \$0 00½ each. |
| 2 reams printed forms, cap size, per pattern | 1 00 per ream. |
| 2 reams printed forms, letter size, per pattern | 1 00 per ream. |
| 5 reams printed forms, for bill heads, per pattern | 6 00 per ream. |
| 5 reams printed forms, for requisitions, per pattern..... | 5 00 per ream. |
| 2 reams printed forms, for vouchers, per pattern..... | 3 00 per ream. |
| 1 ream printed forms, for invoices, per pattern..... | 50 per ream. |
| 1 ream printed forms, for bills of lading, per pattern..... | 10 per ream. |
| 1 ream ruled forms, for vouchers, per pattern..... | 10 per ream. |
| 1 ream ruled forms, for abstracts, per pattern | 1 00 per ream. |
| 1 ream printed forms, for constructors' requisitions, per pattern..... | 25 per ream. |

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| 3 | reams semi-monthly sheets, per pattern | \$0 50 | per ream. |
| 2 | reams semi-monthly sheets, for pay rolls, per pattern..... | 4 00 | per ream. |
| 6 | quires folio post, ruled, for semi-monthly pay rolls, per pattern..... | 20 | per quire. |
| 6 | quires foolscap, ruled, for semi-monthly report of labor, &c., per pattern.... | 20 | per quire. |
| 1,000 | sheets pay rolls for mechanics and laborers, per pattern..... | 02½ | per sheet. |
| 30 | abstract sheets, per pattern..... | 08 | per sheet. |
| 1 | ream abstract sheets, per pattern..... | 1 00 | per ream. |
| 1 | ream monthly pay rolls, per pattern.. | 1 00 | per ream. |
| 6 | quires printed receipts, per pattern.... | 50 | per quire. |
| 5 | quires muster rolls, per pattern..... | 30 | per quire. |
| 5 | quires pay and receipt roll, per pattern | 20 | per quire. |
| 5 | quires transfer accounts, per pattern... | 10 | per quire. |
| 5 | quires certificate of transfers, per pattern | 10 | per quire. |
| 5 | quires requisitions for money, per pattern | 10 | per quire. |
| 1 | quire accounts current, per pattern.... | 10 | per quire. |
| 120 | memorandum books, assorted sizes and patterns..... | 08 | each. |
| 24 | one-quire cap books, half bound, faint lined, per pattern..... | 1 00 | each. |
| 24 | two-quire cap books, half bound, faint lined, per pattern..... | 10 | each. |
| 6 | three-quire cap books, half bound, faint lined, per pattern..... | 10 | each. |
| 6 | four-quire cap books, half bound, faint lined, per pattern..... | 50 | each. |
| 6 | five-quire cap books, half bound, faint lined, per pattern..... | 25 | each. |
| 12 | six-quire cap books, half bound, faint lined, per pattern..... | 25 | each. |
| 6 | six-quire letter books, demy, full bound, per pattern..... | 3 00 | each. |
| 6 | six-quire requisition books, demy, full bound, per pattern..... | 6 00 | each. |
| 2 | six-quire bill books, demy, full bound, per pattern..... | 1 00 | each. |
| 6 | six-quire receipt books, demy, full bound, per pattern..... | 1 00 | each. |
| 6 | six-quire expenditure books, demy, full bound, per pattern..... | 1 00 | each. |
| 3 | six-quire requisition books, folio post, printed, half bound, per pattern.... | 3 00 | each. |
| 1 | four-quire blank book, demy, full bound, per pattern..... | 10 | each. |
| 6 | four-quire order, receipt, and delivery books, per pattern | 1 00 | each. |

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| 10 | letter guard books, per pattern..... | \$2 00 | each. |
| 1 | contract book, per pattern..... | 25 | each. |
| 72 | time books, per pattern..... | 10 | each. |
| 4 | sketch books, per pattern..... | 10 | each. |
| 2 | abstract ledgers, per pattern..... | 10 | each. |
| 12 | monthly day books, per pattern..... | 50 | each. |
| 4 | yard log-books, per pattern..... | 3 00 | each. |
| 6 | six-quire pay-roll books, per pattern... | 10 00 | each. |
| 36 | four-quire muster books, per pattern.. | 2 00 | each. |
| 1 | six-quire muster book, demy, full bound, per pattern..... | 50 | each. |
| 1 | six-quire book, monthly returns of labor, per pattern..... | 1 00 | each. |
| 1 | four-quire book, semi-monthly reports of vessels, per pattern..... | 1 50 | each. |
| 1 | book, semi-monthly reports of vessels, per pattern..... | 1 00 | each. |
| 1 | book, consolidated reports of vessels, per pattern..... | 1 00 | each. |
| 1 | book, consolidated reports of labor, per pattern..... | 1 00 | each. |
| 1 | pay and receipt roll book, 2 quires, half bound, per pattern..... | 10 | each. |
| 1 | cash book, 2 quires, half bound, per pattern..... | 10 | each. |
| 1 | receipt book, 4 quires, half bound, per pattern..... | 25 | each. |
| 1 | letter book, 4 quires, half bound, per pattern..... | 10 | each. |
| 300 | labels for books, &c., assorted, per pattern..... | 03 | each. |
| 1 | ream medium paper, ruled, per pattern | 25 | per ream. |
| 1 | ream folio post paper, ruled, per pattern | 1 00 | per ream. |
| 1 | ream foolscap paper, ruled, per pattern | 2 00 | per ream. |
| 2 | reams foolscap paper, faint lined..... | 5 00 | per ream. |
| 2 | reams folio post paper, faint lined..... | 1 00 | per ream. |
| 25 | reams foolscap paper, faint lined..... | 2 00 | per ream. |
| 10 | reams foolscap paper, faint lined, regulation ruled..... | 50 | per ream. |
| 20 | reams letter paper, faint lined..... | 3 50 | per ream. |
| 5 | reams note paper, faint lined..... | 2 00 | per ream. |
| 1 | ream log paper, faint lined..... | 50 | per ream. |
| 10 | reams buff envelope paper..... | 3 00 | per ream. |
| 3 | reams thick blotting paper, red..... | 3 00 | per ream. |
| 1 | ream thick blotting paper, treasury.... | 2 00 | per ream. |
| 50 | sheets elephant drawing paper, hot pressed..... | 03 | per sheet. |
| 50 | sheets double elephant drawing paper, hot pressed..... | 15 | per sheet. |
| 12 | sheets antiquarian drawing paper, hot pressed..... | 40 | per sheet. |

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| 1 | roll German mounted drawing paper, 54 inches wide, and to weigh not less than 84 pounds..... | \$30 00 | per roll. |
| 1 | roll canvas or linen-backed paper, 24 yards long, and 54 inches wide..... | 2 00 | per roll. |
| 50 | sheets double elephant tracing paper.. | 10 | per sheet. |
| 2 | rolls tracing cloth or vellum, 30 yards long, and of the greatest width made—say 54 inches..... | 6 00 | per roll. |
| 12 | pounds refined gum arabic, large..... | 10 | per pound. |
| 12 | dozen India rubber bands, assorted.... | 50 | per dozen. |
| 2 | sand boxes, hard wood, assorted..... | 05 | each. |
| 6 | paste brushes, assorted..... | 02 | each. |
| 2 | fine glue brushes..... | 10 | each. |
| 6 | letter clips, assorted..... | 10 | each. |
| 8 | thousand self-sealing envelopes, official, assorted..... | 3 00 | per thousand. |
| 5 | thousand self-sealing envelopes, letter and note, assorted..... | 6 50 | per thousand. |
| 6 | erasure knives, ivory handled, equal to Rodgers's best..... | 10 | each. |
| 3 | ivory paper folders..... | 10 | each. |
| 6 | dozen pieces erasing gum, one ounce each..... | 3 00 | per dozen. |
| 1 | hone for sharpening instruments..... | 08 | each. |
| 6 | dozen quart bottles black ink, Maynard & Noyes's, or equal..... | 8 00 | per dozen. |
| 1 | dozen half-pint bottles black ink, Maynard & Noyes's, or equal..... | 2 00 | per dozen. |
| 6 | quart bottles Arnold's black writing fluid..... | 10 | per bottle. |
| 1 | quart bottle Arnold's blue ink..... | 08 | per bottle. |
| 2 | dozen bottles French carmine ink..... | 1 50 | per dozen. |
| 1 | dozen bottles carmine ink, half-pints.. | 1 50 | per dozen. |
| 12 | inkstands, assorted, to be selected..... | 1 00 | each. |
| 8 | gross black lead pencils, assorted numbers, equal to Faber's best..... | 12 00 | per gross. |
| 2 | dozen drawing pencils, assorted..... | 50 | per dozen. |
| 1 | dozen crayon pencils, assorted..... | 50 | per dozen. |
| 40 | gross steel pens, barrel and nib, assorted..... | 3 00 | per gross. |
| 100 | slate pencils, white soapstone..... | 04 | per 100. |
| 12 | dozen penholders, assorted, to suit steel pens..... | 05 | per dozen. |
| 3 | penholders with gold nibs, assorted.... | 1 00 | each. |
| 24 | penknives, four blades, equal to Rodgers's best..... | 60 | each. |
| 500 | quills, No. 80..... | 25 | per 100. |
| 12 | dozen half-pint papers black sand..... | 06 | per dozen. |
| 4 | log slates, large size, hard wood frames | 75 | each. |
| 3 | pounds fine sponge..... | 1 00 | per pound. |

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|----|---|--------|------------|
| 24 | dozen pieces red tape, assorted..... | \$0 02 | per dozen. |
| 12 | rolls silk taste, assorted..... | 06 | per roll. |
| 2 | pounds scarlet sealing wax..... | 10 | per pound. |
| 2 | pounds scarlet wafers..... | 10 | per pound. |
| 6 | paper weights, assorted..... | 05 | each. |
| 2 | portfolios..... | 1 00 | each. |
| 1 | pair scissors, large size..... | 75 | per pair. |
| 24 | cakes superfine water colors..... | 02 | per cake. |
| 4 | pieces India ink..... | 02 | per piece. |
| 6 | dozen drawing pins, assorted..... | 40 | per dozen. |
| 1 | gross extra-fine drawing or mapping pens..... | 1 00 | per gross. |
| 3 | mathematical drawing pens..... | 05 | each. |
| 1 | dozen sable hair pencils, assorted..... | 12 | per dozen. |
| 3 | flat sable hair brushes, assorted, large size..... | 12 | each. |
| 2 | ivory two-foot rules..... | 1 00 | each. |

To be delivered as required.

FRANCIS MILLER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 20, Hay and straw. Miscellaneous.

| | | | |
|-------|---|---------|-------------|
| 50 | tons (of 2,000 pounds each) timothy and clover hay, loose..... | \$19 50 | per ton. |
| 1,000 | bundles straw, to weigh three pounds or over each..... | 05 | per bundle. |

To be delivered as required.

W. M. SHIPMAN. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 21, Provender. Miscellaneous.

| | | | |
|--------|---|--------|----------------|
| 30,000 | pounds Indian meal..... | \$1 75 | per 100 pounds |
| 25,000 | pounds ground feed..... | 1 75 | per 100 pounds |
| 700 | bushels shipstuff..... | 04 | per bushel. |
| 1,000 | bushels oats, thirty-two pounds to the bushel..... | 53 | per bushel. |
| 200 | pounds oil meal..... | 1 00 | per 100 pounds |
| 2 | sacks salt..... | 1 00 | per sack. |

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 22, Charcoal. Miscellaneous.

| | | | |
|-------|---------------------------------|---------|-------------|
| 3,000 | bushels hard-wood charcoal..... | \$0 15½ | per bushel. |
| 20 | barrels ground sea coal..... | 1 75 | per barrel. |
| 5 | barrels ground charcoal..... | 2 50 | per barrel. |

To be delivered as required.

| Class No 23, Belting, Packing, and Hose. | | Miscellaneous. |
|--|---|-------------------|
| 5 | sides white-oak tanned harness leather, weighing twenty-four pounds to the side—say 120 pounds..... | \$0 36 per pound. |
| 12 | sides lacing leather..... | 1 50 per side. |
| 2 | sides pump leather, say fifty pounds... | 30 per pound. |
| 650 | feet oak-tanned, stretched and riveted leather belting, assorted, from two to six inches wide..... | 20 per foot. |
| 300 | feet oak-tanned, stretched and riveted double leather belting, assorted, from six to ten inches wide..... | 50 per foot. |
| 150 | feet India rubber machine belting, 4-ply, assorted, two and a half to four inches wide..... | 50 per foot. |
| 50 | feet India rubber machine belting, 3-ply, assorted, two to three inches wide..... | 40 per foot. |
| 1 | side breeching leather..... | 2 00 per side. |
| 4 | chamois skins..... | 1 50 each. |
| 100 | pounds sheet rubber packing, with cloth insertion..... | 75 per pound. |
| 50 | pounds round rubber packing, with duck outside..... | 75 per pound. |
| 50 | pounds Para pure gum valves, cut to patterns..... | 75 per pound. |
| 25 | pounds rubber gaskets, per patterns... | 1 75 per pound. |
| 500 | feet leather leading hose, three inch, to suit yard engines, with couplings, complete..... | 80 per foot. |
| 6 | lengths leather suction hose, six inch, | 2 50 per length. |

To be delivered as required.

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

| Class No. 24, Sperm and Lubricating Oils. | | Miscellaneous. |
|---|---|--------------------|
| 250 | gallons pure winter-strained sperm oil, | \$1 50 per gallon. |
| 250 | gallons pure lard oil..... | 95 per gallon. |
| 100 | gallons pure olive or Florence oil..... | 80 per gallon. |
| 50 | gallons pure neatsfoot oil..... | 50 per gallon. |
| 16 | gallons pure whale oil..... | 05 per gallon. |

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

| Class No. 26, Augers. | | Miscellaneous. |
|-----------------------|---|----------------|
| 24 | L'Hommedieu patent ship augers, $\frac{7}{8}$ inch, without screws..... | 30 each. |
| 36 | L'Hommedieu patent ship augers, $\frac{1}{2}$ inch, without screws..... | 32 each. |

| | | |
|----|--|--------------|
| 36 | L'Hommedieu patent ship augers, $\frac{1}{8}$ inch, without screws..... | \$0 35 each. |
| 48 | L'Hommedieu patent ship augers, $\frac{1}{4}$ inch, without screws..... | 40 each. |
| 24 | L'Hommedieu patent ship augers, $\frac{1}{2}$ inch, without screws..... | 42 each. |
| 36 | L'Hommedieu patent ship augers, $\frac{3}{8}$ inch, without screws..... | 45 each. |
| 24 | L'Hommedieu patent ship augers, $\frac{1}{2}$ inch, without screws..... | 47 each. |
| 48 | L'Hommedieu patent ship augers, $\frac{3}{8}$ inch, without screws..... | 50 each. |
| 12 | L'Hommedieu patent ship augers, $\frac{3}{8}$ inch, without screws..... | 54 each. |
| 12 | L'Hommedieu patent ship augers, $\frac{1}{2}$ inch, without screws..... | 56 each. |
| 6 | L'Hommedieu patent ship augers, $\frac{3}{8}$ inch, without screws..... | 60 each. |
| 6 | screw augers, with screws, assorted, $\frac{1}{2}$ to $1\frac{1}{2}$ inch..... | 40 each. |
| 12 | auger bits, assorted, $\frac{1}{8}$ to $\frac{3}{4}$ -inch..... | 25 each. |
| 3 | plug bits, $\frac{3}{4}$ -inch..... | 1 25 each. |
| 6 | plug bits, $\frac{1}{2}$ -inch..... | 1 50 each. |
| 12 | plug bits, 1-inch..... | 1 60 each. |
| 6 | plug bits, $1\frac{1}{8}$ -inch..... | 70 each. |
| 3 | plug bits, $1\frac{1}{4}$ -inch..... | 90 each. |
| 10 | double-spur auger bits, $\frac{1}{4}$ to $\frac{5}{8}$ inch... | 40 each. |
| 20 | pod bits, 6 inches long, $\frac{1}{8}$ to $\frac{5}{8}$ inch. | 12 each. |
| 10 | pod bits, shank, 9 inches long, $\frac{1}{8}$ to $\frac{1}{4}$ inch..... | 12 each. |
| 36 | L'Hommedieu patent ship augers, $\frac{1}{8}$ inch, without screws..... | 10 each. |

To be delivered as required.

WALDEN PORTER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 27, Anthracite Coal.

| | | |
|-----------------------|---|-----------------|
| 800 tons (2,240 lbs.) | Trevorton coal, screened for steam boilers..... | \$4 25 per ton. |
| 100 do. | do. gray ash anthracite coal, egg size..... | 4 45 per ton. |
| 30 do. | do. Lehigh sugar-loaf coal, screened for foundry use. | 4 65 per ton. |
| 250 do. | do. Lackawanna steam coal, for naval hospital.. | 4 55 per ton. |
| 100 do. | do. Lackawanna egg size coal, for naval hospital..... | 4 7 per ton. |

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. That for the navy-yard is to be placed by the contractor in carts provided by the

government, and the quantity delivered is to be paid for at the weights of the navy-yard scales. The coal for the naval hospital is to be delivered within the hospital grounds, and placed in the vaults and other receptacles that may be designated, at the expense of the contractor, and the quantity delivered is to be paid for at the weights of the government scales.

Class No. 30, Semi-bituminous, Broad Top, &c., Coal.

800 tons (2,240 lbs.) broad-top coal, "the run of the mines," for smithery..... \$4 70 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Schedule of materials required for the United States navy-yard, Philadelphia, Pennsylvania, for the year ending June 30, 1861.

H. N. EASBY. DATE OF CONTRACT, SEPTEMBER 21, 1860.

Class No. 5, Oak and Hard Wood. Miscellaneous.

| | |
|--|---------------------|
| 30 white-oak sleepers, each 38 feet long, 6 by 8 inch = 4,560 feet, board measure..... | \$45 00 per M feet. |
| 120 white-oak fenders, each 12 feet long, 7 by 8 inch = 6,720 feet, board measure..... | 35 00 per M feet. |
| 250 pieces of hickory, split from but cuts, for ax-handles, 3 feet long, 4 inches wide, 1½ inch thick..... | 15 each. |
| 250 pieces of hickory, (as above,) 3 feet long, 3 to 6 inches wide, 1½ inch thick..... | 25 each. |
| 250 feet, board measure, 3-inch straight-grained seasoned hickory plank..... | 40 00 per M feet. |
| 250 feet, board measure, 2-inch straight-grained seasoned hickory plank..... | 40 00 per M feet. |
| 1,000 feet, board measure, 2-inch straight-grained seasoned white ash plank. | 40 00 per M feet. |
| 500 feet, board measure, 1-inch straight-grained seasoned white ash boards..... | 40 00 per M feet. |
| 4 pieces best seasoned gum, each 2 feet long, 18 inches diameter..... | 1 75 each. |

The whole of the class must be of the best quality of material, free from sap and other defects, and sawed to square edges.

To be delivered as required.

BIGLER & WILT.

Class No. 6, White Pine, Spruce, Juniper, and Cypress. Miscellaneous.

| | |
|--|------------------|
| 2,000 feet, face measure, hemlock wharf timber.. | \$0 08 per foot. |
| 500 feet, face measure, hemlock tie timber..... | 08 per foot. |

| | |
|---|---------------------|
| 3,000 feet, board measure, 1-inch white pine boards, | \$40 00 per M feet. |
| 1,500 feet, board measure, 1-inch first common white pine boards..... | 40 00 per M feet. |
| 2,500 feet, board measure, 2-inch white pine plank, | 19 00 per M feet. |
| 7,500 feet, board measure, 2-inch white pine plank, 20 to 30 feet long..... | 18 00 per M feet. |
| 1,500 feet, board measure, 3-inch white pine plank, | 19 00 per M feet. |

Must be of the best quality seasoned stuff. To be delivered as required.

THOMAS & BROTHER. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 7, Lime, Hair, and Plaster. Miscellaneous.

50 bushels wood-burnt lime..... \$0 20½ per bushel.

To be delivered as required.

JOHN L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 11, Iron, Iron Nails and Spikes. Miscellaneous.

| | |
|--|-------------------|
| 2,000 pounds round iron, from ¼ to 3 inches diameter..... | \$0 04 per pound. |
| 1,000 pounds flat iron, from 1 to 10 inches wide, and from 1½ to 2 inches thick..... | 02 per pound. |
| 1,000 pounds square iron, from ¾ to 3¼ inches thick, | 01 per pound. |
| 400 pounds ¾-inch iron, for wharf bolts..... | 01 per pound. |
| 50 pounds 20-penny wrought-iron nails..... | 05 per pound. |
| 50 pounds 12-penny wrought-iron nails..... | 05 per pound. |
| 100 pounds 10-penny wrought-iron nails..... | 05 per pound. |
| 50 pounds 10-penny cut iron nails..... | 04 per pound. |
| 100 pounds 8-penny cut iron nails..... | 04 per pound. |
| 200 pounds 4-inch cut iron spikes..... | 01 per pound. |

To be delivered as required.

Class No. 12, Steel. Miscellaneous

| | |
|--|-------------------|
| 500 pounds square cast steel, ½ to 2½ inch, Center mill..... | \$0 16 per pound. |
| 200 pounds octagon steel, ½ to 2½ inches thick..... | 05 per pound. |

To be delivered as required.

COLLINS & Co. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 14, Files. Miscellaneous.

| | |
|--|--------------------|
| 25 dozen tapered saw files, 3 to 6 inches..... | \$1. 00 per dozen. |
| 5 dozen mill-saw files, 8 to 10 inches..... | 2 00 per dozen. |
| 1 dozen rat-tail files, 6 to 12 inches..... | 1 50 per dozen. |
| 6 dozen cabinet files, 8 to 12 inches..... | 3 00 per dozen. |
| 6 dozen cabinet rasps, 8 to 12 inches..... | 3 50 per dozen. |
| 12 dozen hoof rasps..... | 3 00 per dozen. |

| | |
|---|-------------------|
| 1 dozen coarse flat files, 14-inch..... | \$4 00 per dozen. |
| 1 dozen fine flat files, 14 inch..... | 4 00 per dozen. |
| 2 dozen coarse half-round files, 14 inch..... | 4 00 per dozen. |
| 1 dozen fine half-round files, 14 inch..... | 5 00 per dozen. |
| 1 dozen square files, 14 inch..... | 5 00 per dozen. |
| 1 dozen square files, 12 inch..... | 3 50 per dozen. |
| 1 dozen round $\frac{3}{4}$ -inch files, 14 inch..... | 5 50 per dozen. |
| 1 dozen round $\frac{3}{4}$ -inch files, 12 inch..... | 3 75 per dozen. |

To be delivered as required.

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 15, Paints, Oils, and Glass. Miscellaneous.

| | |
|---|--------------------|
| 150 gallons pure linseed oil..... | \$0 70 per gallon. |
| 45 gallons spirits of turpentine..... | 60 per pallon. |
| 300 feet American window glass, 8 by 10 inch... | 2 00 per 100 feet. |
| 75 feet American window glass, 10 by 14 inch... | 2 00 per 100 feet. |
| 75 feet American window glass, 12 by 16 inch... | 2 00 per 100 feet. |
| 50 feet American window glass, 14 by 18 inch... | 2 00 per 100 feet. |

To be delivered as required.

Class No. 16, Ship Chandlery. Miscellaneous.

| | |
|--|-----------------------------|
| 10 gallons dubbing..... | \$1 00 per gallon. |
| 2 do. sweet oil..... | 2 00 per gallon. |
| 20 do. coal tar..... | 03 per gallon. |
| 30 do. raw tar..... | 25 per gallon. |
| 15 do. tar oil..... | 70 per gallon. |
| 12 pounds borax..... | 40 per pound. |
| 35 do. Castile soap..... | 16 per pound. |
| 50 do. brown soap..... | 08 per pound. |
| 200 do. copperas..... | 00 $\frac{1}{4}$ per pound. |
| 8 do. glue..... | 30 per pound. |
| 2 do. sponge..... | 50 per pound. |
| 20 do. washing soda..... | 06 per pound. |
| 300 do. 3-yarn spun yarn..... | 02 per pound. |
| 75 do. 9-thread seizing stuff..... | 12 per pound. |
| 3 do. whipping twine..... | 40 per pound. |
| 3 do. sewing twine..... | 40 per pound. |
| 500 do. 5 $\frac{1}{2}$ -inch best Manilla rope..... | 07 per pound. |
| 500 do. 5-inch best Manilla rope..... | 07 per pound. |
| 500 do. 4 $\frac{1}{2}$ -inch best Manilla rope..... | 07 per pound. |
| 500 do. 4 $\frac{1}{4}$ -inch best Manilla rope..... | 07 per pound. |
| 500 do. 4-inch best Manilla rope..... | 07 per pound. |
| 500 do. 3-inch best Manilla rope..... | 07 per pound. |
| 500 do. 2 $\frac{3}{4}$ -inch best Manilla rope..... | 07 per pound. |
| 500 do. 2 $\frac{1}{2}$ -inch best Manilla rope..... | 07 per pound. |
| 500 do. 2-inch best Manilla rope..... | 07 per pound. |
| 500 do. tallow..... | 05 per pound. |
| 5 do. rotten stone..... | 12 per pound. |

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|-----|---|--------|------------|
| 300 | pounds white rags, assorted | \$0 10 | per pound. |
| 6 | do. mop yarn..... | 50 | per pound. |
| 11 | dozen best corn brooms..... | 3 00 | per dozen. |
| 7 | do. flat hickory brooms..... | 1 50 | per dozen. |
| 1 | do. hand dusting brushes..... | 5 00 | per dozen. |
| 4 | do. hand scrubbing brushes..... | 5 00 | per dozen. |
| 4 | do. whitewash brushes..... | 10 00 | per dozen. |
| 4 | do. 2-bushel hickory baskets..... | 8 00 | per dozen. |
| 6 | do. 1-bushel hickory baskets | 7 00 | per dozen. |
| 1 | do. ship buckets | 20 00 | per dozen. |
| 2 | do. water cans, iron hoops, &c., complete..... | 20 00 | per dozen. |
| 3 | do. balls lampwick for packing..... | 2 00 | per dozen. |
| 1 | do. hand bristle brushes..... | 1 00 | per dozen. |
| 1 | do. 2 $\frac{1}{2}$ -inch tube brushes, with iron frame | 18 00 | per dozen. |
| 1 | do. 2-inch tube brushes, with iron frame | 18 00 | per dozen. |
| 10 | quires emery cloth, assorted sizes..... | 50 | per quire. |
| 3 | sides calf skin for belt lacing..... | 5 00 | each. |
| 3 | chamois skins..... | 50 | each. |
| 9 | barrels Wilmington pitch..... | 1 50 | each. |
| 9 | barrels Wilmington pitch..... | 1 50 | each. |
| 9 | barrels white turpentine..... | 5 00 | each. |
| | To be delivered as required. | | |

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 26, 1860

Class No. 17, Hardware. Miscellaneous.

| | | | |
|-----|---|--------|------------|
| 12 | pairs iron but hinges, from 2 to 3 $\frac{1}{2}$ inch | \$0 06 | per pair. |
| 6 | pairs iron but hinges, 3 by 3-inch..... | 08 | per pair. |
| 3 | iron rim knob locks, with brass knobs | 50 | each. |
| 3 | iron dead locks..... | 25 | each. |
| 6 | iron chest locks, 3-inch..... | 25 | each. |
| 6 | iron drawer, 2 $\frac{1}{2}$ -inch | 25 | each. |
| 500 | pounds iron cut nails and spikes..... | 02 | per pound. |
| 150 | pounds iron wrought nails..... | 02 | per pound. |
| 400 | pounds iron cut nails..... | 02 | per pound. |
| 5 | pounds iron finishing nails..... | 10 | per pound. |
| 20 | iron ox-shoe nails..... | 20 | per pound. |
| 5 | gross iron screws..... | 1 50 | per gross. |
| 1 | gross iron 1 $\frac{1}{2}$ -inch screws, best, No. 14 | 60 | per gross. |
| 1 | gross iron 1-inch screws, No. 11..... | 40 | per gross. |
| 1 | compass saw..... | 50 | each. |
| 2 | wood saws, framed, complete..... | 75 | each. |
| 1 | hand saw..... | 1 50 | each. |
| 1 | rip saw..... | 1 75 | each. |
| 6 | axes, with handles..... | 1 25 | each. |
| 3 | cross-cut saws, 5 feet long..... | 2 75 | each. |

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|-----|---|------------------|
| 2 | grindstones, 3 feet 6 inches diameter, 7-inch face..... | \$15 00 each. |
| 3 | dozen Cook's patent screw auger bits, $\frac{1}{4}$ to $1\frac{1}{2}$ -inch..... | 4 00 per dozen. |
| 3 | dozen best No. 3 shovels..... | 9 00 per dozen. |
| 1 | dozen best No. 2 Ames's shovels..... | 10 00 per dozen. |
| 3 | dozen best mud spades..... | 9 00 per dozen. |
| 1 | pair $\frac{1}{2}$ -inch grooving planes..... | 75 per pair. |
| 1 | pair 1-inch grooving planes..... | 1 00 per pair. |
| 1 | panel plow, with 8 bits, boxwood face and arms..... | 4 00 each. |
| 2 | boxwood 2-foot rules..... | 50 each. |
| 1 | R. H. $\frac{1}{8}$ -inch beading plane..... | 40 each. |
| 2 | R. H. $\frac{1}{4}$ -inch beading plane..... | 40 each. |
| 1 | R. H. $\frac{3}{8}$ -inch beading plane..... | 40 each. |
| 1 | R. H. $\frac{1}{2}$ -inch beading plane..... | 40 each. |
| 6 | rabbit planes, $\frac{1}{2}$ to 2-inch, square mouth | 50 each. |
| 1 | jack plane..... | 50 each. |
| 1 | fore plane..... | 75 each. |
| 1 | smoothing plane..... | 50 each. |
| 1 | circular smoothing plane..... | 75 each. |
| 1 | bollar smoothing plane..... | 70 each. |
| 2 | socket gouges, 1 to 2-inch..... | 50 each. |
| 4 | socket chisels..... | 25 each. |
| 2 | firmer chisels, $\frac{1}{8}$ to 2-inch..... | 37 each. |
| 1 | broad ax..... | 2 00 each |
| 1 | adze..... | 1 50 each. |
| 1 | hatchet..... | 75 each. |
| 1 | large size iron brace..... | 1 00 each. |
| 1 | steel-blade square..... | 75 each. |
| 12 | nail gimblets..... | 05 each. |
| 6 | spike gimblets..... | 10 each. |
| 1 | saw set, per sample..... | 50 each. |
| 1 | 8-inch screw wrench..... | 50 each. |
| 1 | 12-inch screw wrench..... | 75 each. |
| 1 | drawing-knife, 12-inch..... | 75 each. |
| 3 | chalk lines, 60 feet long..... | 10 each. |
| 1 | tape line, 100 feet long..... | 1 50 each. |
| 1 | fine-tooth hack saw..... | 1 50 each. |
| 200 | hickory sledge handles..... | 10 each. |
| 200 | hickory hammer handles..... | 08 each. |
| 2 | anvils, 300 pounds each, 600 pounds.. | 21 00 each. |
| 2 | horse covers..... | 2 50 each. |
| 2 | horse blankets..... | 2 00 each. |
| 3 | horse brushes..... | 75 each. |
| 3 | horse cards..... | 12 each. |
| 3 | horse buckets..... | 75 each. |
| 3 | curry-combs..... | 25 each. |
| 6 | whips..... | 75 each. |
| 2 | hay forks..... | 50 each. |
| 1 | screw wrench, large size..... | 1 75 each. |

| | | |
|---|---------------------------|--------------|
| 1 | screw wrench, medium..... | \$1 25 each. |
| 1 | screw wrench, small..... | 75 each. |

To be delivered as required.

CHARLES WELSH. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 18, Stationery. Miscellaneous.

| | | |
|-----|--|-------------------|
| 2 | quires double elephant paper, hot-pressed..... | \$3 75 per quire. |
| 2 | quires Columbian drawing paper..... | 2 75 per quire. |
| 7 | quires blotting board..... | 75 per quire. |
| 2 | reams official correspondence paper, to pattern..... | 6 00 per ream. |
| 3 | reams official letter paper, to pattern.. | 5 00 per ream. |
| 35 | reams faint lined foolscap paper..... | 2 00 per ream. |
| 32 | reams faint lined letter paper..... | 2 00 per ream. |
| 2 | reams faint lined note paper, assorted sizes | 2 00 per ream. |
| 2 | reams large size envelope paper..... | 4 00 per ream. |
| 1 | ream mechanics' and laborers' pay-rolls, to pattern..... | 25 00 per ream. |
| 1 | ream double cap muster-rolls, to pattern..... | 18 00 per ream. |
| 1 | ream log paper..... | 10 00 per ream. |
| 6 | reams blank bills, per pattern..... | 4 00 per ream. |
| 1 | ream blank vouchers, per pattern..... | 6 00 per ream. |
| 1 | ream blank expenditures, per pattern. | 6 00 per ream. |
| 1 | ream monthly pay-rolls, per pattern.. | 12 00 per ream. |
| 3 | reams receipts for recruits, per pattern | 6 00 per ream. |
| 2 | reams receipts for pay, per pattern.... | 6 00 per ream. |
| 1 | ream pay tickets, per pattern..... | 8 00 per ream. |
| 1 | ream steward's weekly return, per pattern..... | 16 00 per ream. |
| 1 | ream requisition for small stores, per pattern..... | 16 00 per ream. |
| 1 | ream requisition for clothing, per pattern..... | 16 00 per ream. |
| 1 | ream requisition for money, bound, per pattern..... | 16 00 per ream. |
| 1 | ream money estimates, per pattern.... | 16 00 per ream. |
| 1 | ream register of allotments, per pattern | 16 00 per ream. |
| 1 | ream blank discharges, per pattern.... | 12 00 per ream. |
| 1 | ream officers' pay-roll, per pattern.... | 24 00 per ream. |
| 1 | ream officers' muster-roll, per pattern.. | 12 00 per ream. |
| 1 | ream account current, per pattern..... | 24 00 per ream. |
| 1 | ream account pay, per pattern..... | 24 00 per ream. |
| 1 | ream certificate of settlement, per pattern..... | 12 00 per ream. |
| 1 | ream honorable discharges, per pattern | 12 00 per ream. |
| 1 | ream apprehension bills, per pattern.. | 12 00 per ream. |
| 100 | extra sized white envelopes, gummed.. | 10 00 per M. |

| | | |
|-------|---|-----------------|
| 7,050 | legal sized white envelopes, gummed.. | \$6 00 per M. |
| 6,500 | letter sized white envelopes, gummed.. | 3 00 per M. |
| 1,000 | note sized white envelopes, gummed... | 2 50 per M. |
| 1 | book, 7 quires, pay-roll, per pattern... | 10 00 each. |
| 1 | book, 7 quires, muster-roll, per pattern..... | 14 00 each. |
| 3 | books, 7 quires each, mechanics' pay-roll, per pattern..... | 12 00 each. |
| 1 | book, 3 quires, pay, per pattern..... | 3 00 each. |
| 1 | book, 5 quires, expenditures for clothing, per pattern..... | 6 00 each. |
| 1 | book, 5 quires, expenditures for small stores, per pattern..... | 6 00 each. |
| 36 | books, 3 quires, blank, per pattern.... | 60 each. |
| 564 | books, memorandum, per pattern..... | 10 each. |
| 4 | books, official letters, per pattern..... | 2 00 each. |
| 4 | books, requisition, per pattern..... | 6 00 each. |
| 3 | books, day, per pattern..... | 7 00 each. |
| 3 | books, Philadelphia Directory, 1861... | 2 00 each. |
| 74 | pints Byan & Wilcox's fluid..... | 20 per pint. |
| 44 | bottles French carmine..... | 20 per bottle. |
| 6 | small bottles blue ink..... | 10 per bottle. |
| 10 | small bottles mucilage..... | 13 per bottle. |
| 9 | quarts black sand..... | 15 per quart. |
| 47 | dozen Faber's best black-lead pencils.. | 50 per dozen. |
| 25 | dozen penholders..... | 20 per dozen. |
| 12 | dozen red tape..... | 35 per dozen. |
| 700 | clarified quills, best..... | 2 00 per 100. |
| 9 | erasing knives..... | 30 each. |
| 9 | penknives..... | 1 50 each. |
| 4 | two-foot rules..... | 50 each. |
| 1 | patent ruler, metallic edges, long..... | 50 each. |
| 1 | patent ruler, metallic edges, 2 feet long | 1 00 each. |
| 2 | patent rulers..... | 50 each. |
| 25 | yards tracing cloth..... | 35 per yard. |
| 3 | pieces India ink..... | 25 each. |
| 20 | pieces India rubber..... | 06 each. |
| 30 | pieces India ink erasers..... | 03 each. |
| 2 | pounds, red, very best sealing-wax.... | 1 50 per pound. |
| 2 | American Almanacs, 1861..... | 1 00 each. |
| 49 | boxes Levy's commercial pens..... | 50 per box. |
| 5 | files, for letters, per pattern..... | 1 00 each. |
| 15 | sand-boxes..... | 12 each. |
| 6 | inkstands..... | 1 00 each. |
| 1½ | pounds red French wafers..... | 1 00 per pound. |
| 2 | portfolios..... | 1 00 each. |
| 4 | boxes eyelets..... | 25 per box. |
| 2 | paper cutters..... | 10 each. |
| 1 | paper clip..... | 50 each. |
| 6 | elastic letter bands..... | 25 each. |
| 2 | letter balances..... | 3 00 each. |

To be delivered as required.

P. J. FIELD. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 19, Firewood. Miscellaneous.

50 cords Virginia pine wood..... \$5 25 per cord.
To be delivered as required.

C. W. CLEMENT. DATE OF CONTRACT, SEPTEMBER 21, 1860.

Class No. 20, Hay and Straw. Miscellaneous.

15 tons (2,240 pounds) best timothy and
clover hay..... \$18 90 per ton.
350 bundles rye straw 05 per bundle.
To be delivered as required.

Class No. 21, Provender. Miscellaneous.

200 bushels ground corn \$0 80 per bushel.
40 bushels ground oats..... 50 per bushel.
200 bushels corn..... 80 per bushel.
100 bushels oats..... 45 per bushel.
2 bushels ground salt 25 per bushel.
1 bushel coarse salt 10 per bushel.
To be delivered as required.

Class No. 22, Charcoal. Miscellaneous.

5 barrels charcoal \$0 43 per barrel.
To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 24, Sperm and Lubricating Oils. Miscellaneous.

100 gallons sperm oil \$1 50 per gallon.
20 gallons lard oil..... 1 25 per gallon.
30 gallons best lamp oil 60 per gallon.
2 barrels fish oil, 30 gallons each..... 6 70 per barrel.
To be delivered as required.

THOMAS & BRO. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 26, Augers. Miscellaneous.

1 dozen Pugh's screw augers, from $\frac{3}{4}$ to
3 inch..... \$8 00 per dozen.
To be delivered as required.

WALDEN PORTER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 27, Anthracite Coal.

500 tons (2,240 lbs.) Lehigh egg coal..... \$3 45 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The con-

tractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Class No. 30, Semi-bituminous Broad-top, &c., Coal.

250 tons (2,240 pounds) semi-bituminous
broad-top coal for smiths' use..... \$3 95 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government; and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Proposals.

NAVY DEPARTMENT,
Bureau of Yards and Docks, August 16, 1860.

Sealed proposals for each class separately, indorsed "Proposals for Class No. (name the class) for the navy-yard at (name the yard)," will be received at this office until noon on the 13th day of September next, for furnishing and delivering, at the several navy-yards named, the materials and articles embraced in printed schedules, which will be furnished on application, and sent by mail, if so requested, to persons desiring to offer to contract for any or all of the classes named therein, by the commandants of the several navy-yards, for the classes for the yards under their command, or by the navy agent nearest thereto, or by the bureau for any or all of the yards.

To prevent confusion and mistakes in scaling the offers, no bid will be received which contains classes for more than one yard in one envelope; and each individual of a firm must sign the bid and contract.

Bidders are hereby cautioned and particularly notified that their offers must be in the form hereinafter prescribed, and be mailed in time to reach their destination before the time expires for receiving them. *No bid will be considered which shall be received after the period stated, and no allowance will be made for failures of the mail.*

To guard against offers being opened before the time appointed, bidders are requested to indorse on the envelope, above the address, and draw a line under the indorsement, thus:

"Proposals for Class No. (name the class) for the navy-yard at (name the yard.)"

To the Chief of the Bureau of Yards and Docks, Washington, D. C.

FORM OF OFFER.

(Here date the offer.)

I, (here insert the name or names composing the firm,) of (name the town,) in the State of (name the State,) hereby offer to furnish, under your advertisement dated (date of advertisement,) and subject to all the requirements of the same, and of the printed schedule to which it refers, all the articles embraced in Class No. (name the class,) for the

navy-yard at (name the yard,) according to said schedule, viz: (here paste on the printed class from the schedule, and opposite each article set the price and carry out the amount in the columns for dollars and cents, and foot up the aggregate amount of the bid for the class,) amounting to, (here write the amount in words.)

I propose as my agent, (here name the agent, if one is required by the schedule, for the supply under the classes miscellaneous, by a non-resident of the place of delivery;) and should my offer be accepted, I request the contract may be prepared and sent to the navy agent at (name the agency,) for signatures and certificate.

(Here the bidder and each member of the firm to sign.)

FORM OF GUARANTEE.

The undersigned, (name of guarantor,) of (name the town,) and State of (name the State,) and (name of second guarantor, &c.,) hereby undertake that the above-named (name the bidder or bidders,) will, if his [or their] offer as above be accepted, enter into contract with the United States, within fifteen days after the date of notice, through the post office, of the acceptance of his [or their] offer before mentioned.

(Signatures of guarantors.)

Witness:

I certify that the above named (here name the guarantors) are known to me to be good and responsible guarantors in this case.

(Signature.)

To be signed by the district judge, district attorney, collector, navy agent, or some person known to the bureau to be responsible.

The schedule will state the times within which articles will be required to be delivered; and where the printed schedule is not used, the periods stated in it for deliveries must be copied in the bids. All the articles which may be contracted for must be delivered at such place or places, including drayage and cartage to the place where used within the navy-yards, respectively, for which the offer is made, as may be directed by the commanding officer thereof; and, all other things being equal, preference will be given to American manufacture. No article will be received after the expiration of the period specified in the schedules for the completion of deliveries, unless specially authorized by the department. In computing the classes, the price stated in the column of prices will be the standard, and the aggregate of the class will be carried out according to the prices stated.

It is to be provided in the contract, and to be distinctly understood by the bidders, that the amount and number of articles enumerated in classes headed "miscellaneous," are specified as the *probable* quantity which may be required, as well as to fix data for determining the lowest bid; but the contractor is to furnish more or less of the said enumerated articles, *and in such quantities, and at such times, as the bureau or commandant may require*; such increase, however, not to exceed one-half of the quantities stated, (and requisitions sent through the post office shall be deemed sufficient notice,) during the fiscal year

ending 30th June, 1861; and whether the quantities required be more or less than those specified, the prices shall remain the same.

All the articles under the contract must be of the best quality, delivered in good order, free of all and every charge or expense to the government, and subject to the inspection, count, weight, or measurement of the said navy-yard, and be in all respects satisfactory to the commandant thereof. Bidders are referred to the yard for plans, specifications, or samples, and any further description of the articles. Contractors for classes headed "miscellaneous," who do not reside near the place where the articles are to be delivered, will be required to name in their proposals an agent at the city or principal place near the yard of delivery, who may be called upon to deliver articles *without delay* when they shall be required.

Approved sureties in the full amount of the contract will be required, and twenty per centum as additional security deducted from each payment until the contract shall have been completed or cancelled, unless otherwise authorized by the department. On classes of articles headed "miscellaneous," to be delivered as required during the fiscal year, the twenty per centum retained may, at the discretion of the commandant, be paid quarterly on the first of January, April, July, and October, when the deliveries have been satisfactory, and the balance (eighty per cent.) will be paid by the respective navy agents within thirty days after the presentation of bills, in triplicate, duly vouched and approved.

No part of the per centum reserved is to be paid until all the rejected articles offered under the contract shall have been removed from the yard, unless specially authorized by the Department.

It will be stipulated in the contract, that if default shall be made by the parties of the first part in delivering all or any of the articles mentioned in any class bid for, of the quality and at the times and places above provided, then and in that case the said parties will forfeit and pay to the United States a sum of money not to exceed twice the amount of such class; which may be recovered, from time to time, according to the act of Congress in that case provided, approved March 3, 1843.

The sureties must sign the contract, and their responsibility be certified to by a navy agent, collector, district attorney, or some other person satisfactorily known to the bureau.

It is to be provided in the contract that the bureau is to have the power of annulling the contract, without loss or damage to the government, in case Congress shall not have made sufficient appropriations for the articles named, or for the completion of works estimated for, and on which this advertisement is based, and shall also have the power to increase or diminish the quantities named in the classes not headed "miscellaneous" in the schedule, twenty-five per cent.

Persons whose offers shall be accepted will be notified by letter through the post office, which notice shall be considered sufficient; and if they do not enter into contract for the supplies specified within fifteen days from the date of notice from the bureau of the acceptance of their bid, a contract will be made with some other person or per-

sons, and the guarantors of such defaulting bidders will be held responsible for all delinquencies.

All offers not made in *strict conformity* with this advertisement will, at the option of the bureau, be rejected.

Those only whose offers may be accepted will be notified, and contracts will be ready for execution as soon thereafter as may be practicable.

Schedule of articles required at the United States Naval Asylum, Philadelphia, for the year ending June 30, 1861.

WILLIAM MATHEWS. DATE OF CONTRACT, SEPTEMBER 19, 1860.

Class No. 1, Clothing. Miscellaneous.

Winter.

| | |
|---|----------------|
| 50 pea coats, coarse blue pilot cloth | \$8 40 each. |
| 125 jackets, blue cloth | 5 30 each. |
| 160 vests, blue cloth | 1 15 each. |
| 200 pairs pants, blue cloth..... | 3 90 per pair. |
| 500 shirts, over, white cotton | 45 each. |
| 300 shirts, under, blue flannel, indigo dye.. | 95 each. |
| 200 shirts, under, Canton flannel, unbleached | 50 per pair. |
| 200 pairs drawers, blue flannel, indigo dye, | 95 each. |
| 150 pairs drawers, Canton flannel, unbleached | 40 each. |
| 125 kerchiefs, black silk, for the neck..... | 75 per pair. |
| 350 pairs half hose, woolen | 20 per pair. |

Summer.

| | |
|---|----------------|
| 100 jackets, brown linen drilling..... | 1 25 each. |
| 75 vests, buff linen drilling | 80 each. |
| 150 pairs pants, brown duck..... | 1 00 per pair. |
| 30 pairs drawers, white cotton drilling.... | 50 per pair. |
| 350 pairs half hose, cotton | 11 per pair. |
| 300 pocket handkerchiefs, cotton | 11 each. |

The clothing to be made by measure, and all the articles to be delivered as required.

WILLIAM MULDOON, SEN. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 2, Hats, Boots, Shoes, &c. Miscellaneous.

| | |
|---|----------------|
| 100 hats, black felt..... | \$2 08 each. |
| 75 pairs half boots, calfskin | 3 15 per pair. |
| 200 pairs laced boots, navy pattern..... | 1 54 per pair. |
| 100 pairs slippers..... | 63 per pair. |
| 125 pairs boots and shoes, half-soled | 35 per pair. |
| 125 pairs boots and shoes, heeled | 15 per pair. |

To be delivered as required.

FRANCIS MILLER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 3, Provisions. Miscellaneous.

| | | |
|---|--------|-------------|
| 25,000 pounds beef, fresh, and best quality | \$0 09 | per pound. |
| 15,000 pounds beef, corned, and best quality... | 08 | per pound. |
| 3,500 pounds mutton, fresh, and best quality, | 10 | per pound. |
| 2,500 pounds salt pork, best quality..... | 09 | per pound. |
| 1,200 pounds liver, fresh, and best quality.... | 05 | per pound. |
| 6,000 pounds veal, fresh, and best quality | 09 | per pound. |
| 650 pounds dried beef, best quality..... | 10 | per pound. |
| 600 pounds poultry, best quality..... | 12 | per pound. |
| 200 pounds lamb, fresh, and best quality ... | 10 | per pound. |
| 3,000 pounds fish, fresh, in season, and best quality | 10 | per pound. |
| 34,000 pounds vegetables, fresh, in season, and best quality | 04 | per pound. |
| 700 bushels potatoes, best quality | 85 | per bushel. |
| 15 bushels best dried white beans, best quality | 1 50 | per bushel. |

To be delivered as required.

HENRY BROOKS. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 4, Groceries. Miscellaneous.

| | | |
|--|------------------|--------------|
| 6,600 pounds butter, best quality..... | \$0 21 | per pound. |
| 7,000 pounds sugar, best, brown..... | 08 | per pound. |
| 2,700 pounds coffee | 14 | per pound. |
| 600 pounds tea | 48 | per pound. |
| 2,000 pounds rice, best quality..... | 05 | per pound. |
| 1,000 pounds flour, superfine | 04 | per pound. |
| 200 pounds boxed raisins | 14 | per pound. |
| 100 pounds mustard..... | 33 | per pound. |
| 200 pounds pepper..... | 15 | per pound. |
| 4 pounds assorted spices | 85 | per pound. |
| 1,200 pounds fish, salt, cod..... | 04 $\frac{1}{2}$ | per pound. |
| 1,800 pounds mackerel, No. 1..... | 09 $\frac{1}{2}$ | per pound. |
| 600 pounds starch | 07 $\frac{3}{4}$ | per pound. |
| 8 pounds indigo..... | 1 40 | per pound. |
| 3,500 pounds soap, best hard | 05 $\frac{1}{2}$ | per pound. |
| 100 gallons best New Orleans molasses..... | 48 | per gallon. |
| 3,000 gallons milk, best quality..... | 19 | per gallon. |
| 250 gallons cider vinegar..... | 11 | per gallon. |
| 15 gallons winter strained oil..... | 1 25 | per gallon. |
| 30 bushels salt..... | 45 | per bushel. |
| 4 barrels small cucumbers, for pickles | 3 00 | per barrel. |
| 35 barrels best soft soap, (each barrel to contain 30 gallons)..... | 1 90 | per barrel. |
| 500 eggs, fresh | 02 | per hundred. |

To be delivered as required.

WILLIAM MATHEWS. DATE OF CONTRACT, SEPTEMBER 19, 1860.

Class No. 5, Dry Goods. Miscellaneous.

| | |
|--|-----------------|
| 24 mattresses, single, per sample | \$5 00 each. |
| 24 pillows, hair, per sample..... | 1 25 each. |
| 24 pairs blankets, per sample | 3 50 per pair. |
| 200 yards heavy bleached cotton sheeting: two yards wide..... | 33 per yard. |
| 50 yards heavy bleached pillow case mus- lin, wide..... | 13 per yard. |
| 300 yards huckaback toweling, per sample.. | 16 per yard. |
| 50 yards crash, for house cloths, per sample | 10 per yard. |
| 50 yards crash, for dish towels, per sample, | 06 per yard. |
| 225 yards table linen, per sample..... | 75 per yard. |
| 2 pieces white bunting, best quality | 5 00 per piece. |
| 2 pieces red bunting, best quality | 5 00 per piece. |
| 1 piece blue bunting | 5 00 per piece. |
| 2 pounds white homespun thread, best quality | 1 00 per pound. |
| 6 dozen spools Brooks's cotton, assorted.. | 50 per dozen. |
| 500 sewing needles, assorted | 10 per hundred. |

To be delivered as required.

JOSEPH PETERS. DATE OF CONTRACT, SEPTEMBER 21, 1860.

Class No. 6, Bread, &c. Miscellaneous.

| | |
|---|----------------|
| 40,500 pounds best fresh bread..... | 06½ per pound. |
| 150 mince pies (size of dinner plates)..... | 12½ each. |
| 75 fruit pies (size of dinner plates)..... | 12½ each. |

To be delivered as required.

W. L. MADDOCK. DATE OF CONTRACT, OCTOBER 1, 1860.

Class No. 7, Tobacco. Miscellaneous.

| | |
|--|---------------|
| 2,400 pounds best chewing tobacco..... | 20 per pound. |
|--|---------------|

To be delivered as required.

HENRY BROOKS. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 8, Miscellaneous.

| | |
|------------------------------------|--------------------|
| 10 bushels stonecutters' sand..... | \$0 20 per bushel. |
| 80 bushels pewter sand..... | 20 per bushel. |
| 20 sweeping brushes | 62 each. |
| 6 dusting brushes | 50 each. |
| 3 dozen hand scrubs..... | 2 20 per dozen. |
| 3 dozen clamp scrubs..... | 3 00 per dozen. |
| 12 dozen corn brooms..... | 2 75 per dozen. |
| 1 dozen whitewash brushes..... | 5 00 per dozen. |
| 4 dozen table knives..... | 90 per dozen. |
| 4 dozen table forks..... | 90 per dozen. |

| | | | |
|------------------------------|---|--------|------------|
| 4 | dozen table spoons, per sample, Britannia | \$1 10 | per dozen. |
| 4 | dozen delf pitchers, per sample | 6 00 | per dozen. |
| 10 | dozen bowls, (quarts,) iron stone..... | 1 25 | per dozen. |
| 10 | dozen soup plates, iron stone..... | 1 00 | per dozen. |
| 4 | dozen tin tumblers, per sample | 2 50 | per dozen. |
| 50 | dozen boxes blacking, per sample..... | 65 | per dozen. |
| 3 | dozen shoe brushes, per sample | 3 50 | per dozen. |
| 1 | dozen tin pitchers, per sample..... | 9 00 | per dozen. |
| 1 | dozen tin wash basins, per sample | 3 50 | per dozen. |
| 3 | dozen chambers, iron stone | 6 00 | per dozen. |
| 2 | dozen painted buckets..... | 2 50 | per dozen. |
| 1 | dozen dust pans | 5 50 | per dozen. |
| 2 | dozen Bath bricks..... | 75 | per dozen. |
| 2 | dozen pepper bottles, per sample | 1 00 | per dozen. |
| 2 | dozen salt cellers, per sample..... | 1 00 | per dozen. |
| 2 | dozen mustard cups, per sample | 1 00 | per dozen. |
| 1 | dozen stoneware spittoons | 4 00 | per dozen. |
| 3 | dozen clothes whisks, per sample..... | 2 50 | per dozen. |
| 5 | gross beech clothes pins | 25 | per gross. |
| 9 | clothes baskets | 1 75 | each. |
| 12 | clothes lines..... | 1 50 | each. |
| 1 | coil signal halliards (120 fathoms).... | 13 00 | per coil. |
| 6 | wash tubs..... | 1 00 | each. |
| 12 | wash boards..... | 30 | each. |
| 12 | flat irons, (say 96 lbs.)..... | 04 | per pound. |
| 2 | horse buckets, iron hoops..... | 1 00 | each. |
| To be delivered as required. | | | |

C. W. CLEMENT. DATE OF CONTRACT, SEPTEMBER 21, 1860.

Class No. 9, Hardware. Miscellaneous.

| | | | |
|-----|--|--------|------------|
| 3 | hatchets..... | \$0 50 | each. |
| 24 | hanks sash cord..... | 25 | per hank. |
| 1 | dozen 5-inch door locks | 6 00 | per dozen. |
| 6 | M 8-ounce tacks..... | 05 | per M. |
| 6 | pounds sprigs..... | 08 | per pound. |
| 12 | padlocks | 3 00 | per dozen. |
| 6 | pounds glue..... | 25 | per pound. |
| 400 | sheets sand paper | 62½ | per 100. |
| 6 | dozen pairs iron but hinges, assorted.. | 50 | per dozen. |
| 6 | spades, best quality | 87½ | each. |
| 6 | shovels, best quality | 75 | each. |
| 6 | wrought-iron rakes, per sample..... | 37½ | each. |
| 6 | scuffing hoes, per sample | 45 | each. |
| 3 | manure forks, per sample..... | 58 | each. |
| 6 | hoes, per sample | 37 | each. |
| 1 | box XXXX tin | 20 00 | per box. |
| 2 | coal scuttles, No. 20 sheet iron, per sample | 50 | each. |
| 6 | pairs strap hinges, per sample | 20 | per pair |

| | | | |
|-----|--|--------|------------|
| 1 | dozen hay rakes, (wood) | \$2 00 | per dozen. |
| 750 | pounds cut nails, (assorted sizes as required) | 03½ | per pound. |
| 20 | pounds wrought nails, (assorted sizes as required) | 11 | per pound. |
| 1½ | dozen saw files, assorted sizes | 1 25 | per dozen. |
| 2 | wood rasps, large size | 45 | each. |
| 3 | locksmiths' files, large size..... | 40 | each. |
| 2 | braces and bits, best quality | 5 50 | per set. |
| 2 | socket chisels, 1½ inch | 50 | each. |
| 2 | socket chisels, 1 inch | 33 | each. |
| 3 | gouges | 25 | each. |
| 1 | dozen gimlets, assorted | 31 | per dozen. |
| 3 | wood axes..... | 87 | each. |
| 2 | buck saws..... | 60 | each. |
| 3 | grass scythes..... | 75 | each. |
| 12 | bake pans, No. — iron, 22½ inches long, 16½ wide, 6 and 4 deep | 1 12 | each. |

To be delivered as required.

E. G. STONE. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 10, Paints, Oils, and Glass. Miscellaneous.

| | | | |
|-----|--|--------|-------------|
| 300 | pounds white lead..... | \$0 09 | per pound. |
| 100 | pounds putty..... | 05 | per pound. |
| 2 | boxes assorted window glass..... | 4 00 | per box. |
| 12 | gallons linseed oil | 75 | per gallon. |
| 8 | gallons neatsfoot oil..... | 1 40 | per gallon. |
| 10 | gallons spirits turpentine..... | 55 | per gallon. |
| 3 | gallons copal varnish, best..... | 2 25 | per gallon. |
| 6 | gallons lacquer | 1 75 | per gallon. |
| 1 | gallon Japan drying..... | 1 75 | per gallon. |
| 5 | gallons spirits of wine..... | 60 | per gallon. |
| 10 | gallons dubbing..... | 1 50 | per gallon. |
| 1 | dozen paint brushes, assorted sizes..... | 6 00 | per dozen. |
| 1 | dozen lamp shades, per pattern..... | 1 00 | per dozen. |
| 4 | globe lanterns, per pattern..... | 2 00 | each. |

To be delivered as required.

Class No. 11, Lumber. Miscellaneous.

| | | | |
|-------|---|---------|-------------|
| 200 | feet ½-inch pine lumber, B. M | \$25 00 | per M feet. |
| 500 | feet 1½-inch pine lumber, B. M | 30 00 | per M feet. |
| 2,500 | feet 2-inch pine lumber, B. M | 30 00 | per M feet. |
| 1,500 | feet 3-inch pine lumber, B. M | 25 00 | per M feet. |
| 600 | feet panel boards, not less than 22 inches wide | 50 00 | per M feet. |
| 2,000 | feet hemlock lumber, best quality..... | 14 00 | per M feet. |
| 500 | feet oak lumber, best quality | 40 00 | per M feet. |
| 300 | feet ash lumber, best quality | 40 00 | per M feet. |

| | | |
|---|---------|-------------|
| 6,000 feet Carolina heart pine flooring, to be free from knots, planed and matched; to be four inches wide..... | \$36 00 | per M feet. |
| 1,600 feet No. 1 white pine boards..... | 33 00 | per M feet. |
| To be delivered as required. | | |

Class No. 12, Stationery. Miscellaneous.

| | | |
|---|---------|------------|
| 1 pay book..... | \$14 75 | each. |
| 1 pay roll..... | 4 50 | each. |
| 1 ledger..... | 6 00 | each. |
| 1 money receipt book..... | 5 25 | each. |
| 1 pensioner's receipt book..... | 8 25 | each. |
| 1 cash book..... | 80 | each. |
| 1 letter book..... | 50 | each. |
| 2 bill books, paged and indexed..... | 3 75 | each. |
| 6 blank books, assorted..... | 1 75 | each. |
| 2 inkstands..... | 1 00 | each. |
| 10 quires blank bill heads, assorted..... | 70 | per quire. |
| 4 quires blank money requisitions..... | 50 | per quire. |
| 2 quires account current..... | 1 50 | per quire. |
| 2 quires muster rolls of officers and employés..... | 1 37½ | per quire. |
| 4 reams cap paper, Congress Carew..... | 3 00 | per ream. |
| 1 ream letter paper..... | 3 00 | per ream. |
| 4 quires envelope paper..... | 25 | per quire. |
| 1 quire blotting board..... | 50 | per quire. |
| 500 legal envelopes..... | 80 | per 100. |
| 500 letter envelopes..... | 25 | per 100. |
| 6 boxes steel pens, best..... | 50 | per box. |
| 4 bottles black ink..... | 37½ | each. |
| 2 bottles carmine ink..... | 20 | each. |
| 1 bottle mucilage..... | 25 | each. |
| 1 dozen lead pencils..... | 50 | per dozen. |
| 1 dozen sticks sealing wax..... | 75 | per dozen. |
| 1 piece red tape..... | 20 | each. |
| 4 memorandum books, assorted..... | 37½ | each. |
| 3 penknives..... | 1 12½ | each. |
| 3 pieces Green's ink erasers..... | 05 | each. |
| 2 dozen penholders..... | 25 | per dozen. |
| 1 box wax matches..... | 38 | per box. |
| 2 reams note paper..... | 2 00 | per ream. |
| To be delivered as required. | | |

P. J. FIELD. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 13, Firewood. Miscellaneous.

| | | |
|-------------------------------|--------|-----------|
| 8 cords yellow pine wood..... | \$5 80 | per cord. |
| To be delivered as required. | | |

WALDEN PORTER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 14, Coal. Miscellaneous.

| | |
|--|-----------------|
| 190 tons furnace coal, (2,240 lbs.)..... | \$4 10 per ton. |
| 190 tons range coal, (2,240 lbs.)..... | 4 10 per ton. |
| 15 tons stove coal, (2,240 lbs.)..... | 4 10 per ton. |

To be delivered as required.

MORRISON & McCULLEY. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 15, Provender. Miscellaneous.

| | |
|--|--------------------|
| 150 bushels oats, (best quality)..... | \$0 50 per bushel. |
| 80 bushels bran, (double bushels)..... | 50 per bushel. |
| 25 bushels corn..... | 90 per bushel. |
| 150 bundles rye straw..... | 08 per bundle. |

To be delivered as required.

C. W. CLEMENT. DATE OF CONTRACT, SEPTEMBER 21, 1860.

Class No. 16, Bricks, &c. Miscellaneous.

| | |
|--|----------------|
| 5,000 paving bricks, (best quality)..... | \$7 95 per M. |
| 13 loads best sharp gravel..... | 50 per load. |
| 50 bushels lime..... | 22 per bushel. |

To be delivered as required.

Class No. 17, Improvement of Cemetery.

| | |
|--|---------------|
| 150 white marble head stones, whole length 2 feet 6 inches; above ground 1 foot 6 inches; wide, 12 inches..... | \$2 62 each |
| To have usual inscription—name, birth, death, age. | |
| 1 white marble head stone and small foot stone; head stone to be 4 feet 6 inches long and 2 feet wide..... | \$10 per set. |

To be delivered and set by December 1, 1860.

*Schedule of materials required for the United States navy-yard, Wash-
ington, D. C., for the year ending June 30, 1861.*

ADAM GRINDER. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No 1, Bricks.

| | |
|---|---------------|
| 50,000 best, hard, hand-made, red bricks..... | \$7 25 per M. |
|---|---------------|

To be delivered within two weeks from date of contract.

ESAU PICKRELL. DATE OF CONTRACT, SEPTEMBER, 1860.

Class No. 4, Yellow Pine Lumber.

| | | |
|---|---|--------------------|
| 400 | joists, 20 feet long, 3 by 12 inches, Carolina yellow pine | \$1 45 each. |
| 1,000 | feet Carolina yellow pine scantling, 20 feet long, 3 by 4 inches | 2 45 per 100 feet. |
| 1,500 | feet Carolina yellow pine scantling, 16 feet long, 3 by 4 inches | 2 30 per 100 feet. |
| 5,000 | feet Carolina yellow pine prime floor- ing, to be 1½ inch thick, 4 and 5 inches wide, and 20 feet lengths, seasoned..... | 3 00 per 100 feet. |
| 15,000 | best sawed lathes..... | 1 85 per M. |
| To be delivered within one month from date of contract. | | |

P. OTTERBACK, Jr. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 5, Oak and Hard Wood. Miscellaneous.

| | | |
|------------------------------|---|-------------------|
| 1,000 | hickory poles, 8 feet long, and not less 1½ inch at the but end | \$0 03 each |
| 6 | cords straight hickory but cuts, each 4 feet in length, to be quartered, free from knots, and the bark taken off clean..... | 10 50 per cord. |
| 3,000 | feet, board measure, white oak plank, from 1 to 4 inches thick, inclusive, in 12 feet lengths, and to be not less than 12 inches wide | 35 00 per M feet. |
| 1,200 | feet, board measure, ash plank, from 1 to 3 inches thick, in 12 feet lengths, and from 10 to 15 inches wide, free from knots and shakes..... | 30 00 per M feet. |
| To be delivered as required. | | |

ESAU PICKRELL. DATE OF CONTRACT, SEPTEMBER, 21, 1860.

Class No. 6, White Pine, Spruce, Juniper, and Cypress.

| | | |
|---|---|---------------------|
| 1,000 | feet 2-inch white pine prime boards.... | \$35 00 per M feet. |
| 1,000 | feet 1-inch white pine prime boards.... | 30 00 per M feet. |
| 1,000 | feet 2-inch white pine common cullings. | 15 00 per M feet. |
| 16,000 | feet 1-inch white pine common cullings. | 13 50 per M feet. |
| All to be seasoned, and in 16 feet lengths. | | |
| To be delivered within 90 days from date of contract. | | |

L. P. HOOVER. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 7, Lime, Hair, and Plaster. Miscellaneous.

| | | |
|------------------------------|------------------------------------|--------------------|
| 200 | barrels best wood-burned lime..... | \$0 84 per barrel. |
| 25 | bushels best plastering hair..... | 20 per bushel. |
| 4 | barrels calcined plaster | 1 75 per barrel. |
| To be delivered as required. | | |

P. OTTERBACK, JR. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 9, Gravel and Sand. Miscellaneous.

| | | | |
|-------|---|--------|----------------|
| 85 | card loads Staatsburg, New York, No. 3 molding sand | \$3 50 | per cart load. |
| 20 | cart loads Albany, New York, molding sand | 3 50 | per cart load. |
| 62 | cart loads core sand..... | 90 | per cart load. |
| 150 | cart loads loam sand..... | 65 | per cart load. |
| 625 | bushels best fire sand..... | 30 | per bushel. |
| 1,007 | barrels clean sharp building sand..... | 10 | per barrel. |

Fifteen bushels to the cart load, and each description to be of the very best quality.
To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 11, Iron, Iron Nails and Spikes. Miscellaneous.

| | | | |
|-------|---|------------------|------------|
| 150 | pounds American sheet iron, No. 24, wire gauge | \$0 04 | per pound. |
| 200 | pounds Russia sheet iron, No. 24, wire gauge | 06 | per pound. |
| 8,200 | pounds round bar iron, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches, as ordered | 03 | per pound. |
| 650 | pounds square bar iron from $\frac{3}{8}$ to $2\frac{1}{2}$ inches, as ordered | 02 | per pound. |
| 2,000 | pounds flat bar iron, from $\frac{1}{4}$ to $1\frac{1}{4}$ inches thick, and from 1 to 6 inches wide..... | 03 | per pound. |
| 5,500 | pounds iron cut nails, from 3d to 40d, best quality | 03 $\frac{1}{2}$ | per pound. |
| 112 | pounds hoop iron, from $\frac{3}{4}$ to $1\frac{1}{2}$ inch, best quality | 01 | per pound. |

To be delivered as required.

Class No. 12, Steel. Miscellaneous.

| | | | |
|-------|--|--------|------------|
| 2,000 | pounds Sanderson's best cast steel, from $\frac{1}{8}$ to $1\frac{1}{4}$ inch square..... | \$0 15 | per pound. |
| 1,000 | pounds Sanderson's best cast steel, from $1\frac{1}{8}$ to 3 inch square..... | 14 | per pound. |
| 500 | pounds Sanderson's best cast steel, from $\frac{3}{4}$ to $1\frac{1}{2}$ inch, octagon | 10 | per pound. |
| 100 | pounds Sanderson's best shear steel, 3 by $\frac{1}{2}$ inch, flat..... | 10 | per pound. |
| 150 | pounds Sanderson's best shear steel, 4 by $1\frac{1}{4}$ inch, flat..... | 04 | per pound. |
| 300 | pounds Sanderson's best English blister steel, large..... | 05 | per pound. |
| 350 | pounds Moss & Gamble's mild centered tap steel, $\frac{3}{8}$ to $1\frac{1}{4}$ inch | 20 | per pound. |

To be delivered as required.

Class No. 13, Pig Iron. Miscellaneous.

75 tons No. 1 best American pig iron,
2,240 pounds to the ton\$21 90 per ton.
To be delivered as required.

Class No. 14, Files. Miscellaneous.

| | | | | |
|----|-------|---|--------|------------|
| 10 | dozen | 16-inch hand bastard files..... | \$7 50 | per dozen. |
| 10 | dozen | 15-inch hand bastard files..... | 4 00 | per dozen. |
| 17 | dozen | 14-inch hand bastard files..... | 5 25 | per dozen. |
| 12 | dozen | 12-inch hand bastard files..... | 3 25 | per dozen. |
| 10 | dozen | 10-inch hand bastard files..... | 2 75 | per dozen. |
| 10 | dozen | 8-inch hand bastard files..... | 2 00 | per dozen. |
| 5 | dozen | 6-inch hand bastard files..... | 1 00 | per dozen. |
| 1 | dozen | 4-inch hand bastard files..... | 70 | per dozen. |
| 5 | dozen | 16-inch flat bastard files..... | 7 50 | per dozen. |
| 4 | dozen | 15-inch flat bastard files..... | 4 00 | per dozen. |
| 10 | dozen | 14-inch flat bastard files..... | 5 00 | per dozen. |
| 6 | dozen | 12-inch flat bastard files..... | 3 50 | per dozen. |
| 5 | dozen | 16-inch half round files..... | 7 00 | per dozen. |
| 8 | dozen | 15-inch half round files..... | 4 00 | per dozen. |
| 12 | dozen | 14-inch half round files..... | 5 00 | per dozen. |
| 12 | dozen | 12-inch half round files..... | 3 50 | per dozen. |
| 15 | dozen | 10-inch half round files..... | 2 50 | per dozen. |
| 6 | dozen | 8-inch half round files..... | 1 60 | per dozen. |
| 10 | dozen | 6-inch half round files..... | 1 00 | per dozen. |
| 2 | dozen | 4-inch half round files..... | 70 | per dozen. |
| 1 | dozen | 16-inch round bastard files..... | 2 00 | per dozen. |
| 2 | dozen | 15-inch round bastard files..... | 4 00 | per dozen. |
| 2 | dozen | 14-inch round bastard files..... | 5 00 | per dozen. |
| 3 | dozen | 6-inch round bastard files..... | 1 50 | per dozen. |
| 1 | dozen | 4-inch round bastard files..... | 70 | per dozen. |
| 3 | dozen | $\frac{7}{8}$ -inch square bastard files..... | 5 00 | per dozen. |
| 3 | dozen | $\frac{3}{4}$ -inch square bastard files..... | 4 00 | per dozen. |
| 3 | dozen | $\frac{1}{2}$ -inch square bastard files..... | 3 00 | per dozen. |
| 2 | dozen | 10-inch knife-edge files..... | 3 00 | per dozen. |
| 2 | dozen | 8-inch knife-edge files..... | 2 03 | per dozen. |
| 2 | dozen | 6-inch knife-edge files..... | 1 00 | per dozen. |
| 4 | dozen | 12-inch hand smooth files..... | 5 00 | per dozen. |
| 6 | dozen | 8-inch hand smooth files..... | 2 50 | per dozen. |
| 3 | dozen | 6-inch hand smooth files..... | 1 50 | per dozen. |
| 1 | dozen | 4-inch hand smooth files..... | 70 | per dozen. |
| 2 | dozen | 12-inch half round files..... | 5 00 | per dozen. |
| 6 | dozen | 10-inch half round files..... | 4 50 | per dozen. |
| 4 | dozen | 8-inch half round smooth files. | 2 50 | per dozen. |
| 5 | dozen | 6-inch half round smooth files. | 1 50 | per dozen. |
| 2 | dozen | 6-inch round smooth files..... | 1 00 | per dozen. |
| 1 | dozen | 14-inch hand dead-smooth files. | 12 00 | per dozen. |
| 1 | dozen | 12-inch hand dead-smooth files. | 10 00 | per dozen. |
| 1 | dozen | 10-inch hand dead-smooth files. | 7 00 | per dozen. |
| 1 | dozen | 8-inch hand dead-smooth files. | 5 00 | per dozen. |

| | | | |
|----|--|--------|------------|
| 1 | dozen 10-inch half round files..... | \$7 00 | per dozen. |
| 1 | dozen 6-inch half round files..... | 4 00 | per dozen. |
| 2 | dozen 6-inch round files | 1 00 | per dozen. |
| 4 | dozen 8-inch half round potance files | 1 00 | per dozen. |
| 4 | dozen 6-inch half round potance files | 75 | per dozen. |
| 4 | dozen 4-inch half round potance files | 70 | per dozen. |
| 2 | dozen 8-inch knife-edge smooth files | 2 50 | per dozen. |
| 4 | dozen 16-inch flat rough files..... | 9 00 | per dozen. |
| 1 | dozen 16-inch half round rough files... | 8 50 | per dozen. |
| 1 | dozen 12-inch half round cabinet files.. | 3 00 | per dozen. |
| 2 | dozen 6-inch three square saw files ... | 1 25 | per dozen. |
| 10 | dozen 5-inch three square saw files ... | 1 00 | per dozen. |
| 8 | dozen 4½-inch three square saw files... | 90 | per dozen. |
| 6 | dozen 4-inch three square saw files... | 85 | per dozen. |
| 3 | dozen 3-inch three square saw files... | 75 | per dozen. |
| 6 | dozen 11-inch mill saw files..... | 3 70 | per dozen. |
| 6 | dozen 8-inch cross-cut saw files..... | 1 50 | per dozen. |
| ½ | dozen horseshoe rasps | 6 00 | per dozen. |

To be delivered as required.

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 15, Paints, Oils, and Glass. Miscellaneous.

| | | | |
|-------|---|---------|-------------|
| 1,500 | pounds pure white lead, in oil, Wetherall's | \$0 08½ | per pound. |
| 1,500 | pounds pure white lead, in oil, J. T. Lewis & Bro.'s..... | 08½ | per pound. |
| 1,700 | pounds pure white zinc, in oil, New Jersey..... | 08 | per pound. |
| 2,000 | pounds pure Blake's fire-proof paint, dry..... | 01 | per pound. |
| 1,400 | pounds pure Spanish whiting, dry..... | 01 | per pound. |
| 2,000 | pounds pure Spanish brown, dry..... | 01 | per pound. |
| 660 | pounds pure litharge, dry..... | 08 | per pound. |
| 600 | pounds pure yellow ochre, fine, dry... | 01¼ | per pound. |
| 62 | pounds pure chrome yellow, dry..... | 18 | per pound. |
| 120 | pounds pure chrome green, dry..... | 18 | per pound. |
| 6 | pounds pure sugar of lead, dry..... | 16 | per pound. |
| 10 | pounds pure terra de sienna, dry..... | 15 | per pound. |
| 200 | pounds pure Venitian red, dry..... | 01½ | per pound. |
| 4 | pounds pure ultra-marine blue, dry.... | 50 | per pound. |
| 4 | pounds pure Prussian blue..... | 60 | per pound. |
| 12 | pounds pure Turkey umber, pulverized, dry..... | 10 | per pound. |
| 4 | pounds pure English vermilion, dry.. | 50 | per pound. |
| 14 | pounds pure gum demar, dry..... | 15 | per pound. |
| 400 | pounds pure red lead, dry..... | 07 | per pound. |
| 120 | pounds pure lampblack, dry..... | 06 | per pound. |
| 10 | pounds pure pumice stone, dry..... | 10 | per pound. |
| 6 | pounds pure rose pink, dry..... | 20 | per pound. |
| 640 | gallons pure linseed oil, raw..... | 60 | per gallon. |

| | | | |
|-----|--|--------|-------------|
| 175 | gallons pure spirits turpentine..... | \$0 45 | per gallon. |
| 20 | gallons pure copal varnish..... | 1 75 | per gallon. |
| 25 | gallons pure demar varnish..... | 1 50 | per gallon. |
| 3 | gallons pure English coach varnish... | 4 00 | per gallon. |
| 23 | gallons pure Japan varnish | 1 00 | per gallon. |
| 25 | gallons pure zinc dryer..... | 1 10 | per gallon. |
| 660 | lights, double-thick, 11 by 14-inch Bal- timore glass | 13 | per light. |
| 450 | lights, double-thick, 11 by 15-inch Bal- timore glass..... | 13 | per light. |
| 400 | lights, double-thick, 10 by 12-inch Bal- timore glass..... | 09 | per light. |
| 60 | lights, double-thick, 14 by 15-inch Bal- timore glass | 24 | per light. |
| 50 | lights, double-thick, 13 by 15-inch Bal- timore glass..... | 24 | per light. |
| 25 | lights, double-thick, 14 by 17-inch Bal- timore glass..... | 24 | per light. |
| 40 | lights, double-thick, 10 by 15-inch Bal- timore glass..... | 10 | per light. |
| 12 | lights, double-thick, 14 by 22-inch Bal- timore glass..... | 26 | per light. |
| 30 | lights, double-thick, 9 by 14-inch Bal- timore glass..... | 09 | per light. |
| 50 | lights, double-thick, 8 by 10-inch Bal- timore glass..... | 06 | per light. |
| 25 | lights, double-thick, 12 by 18-inch Bal- timore glass | 15 | per light. |
| 30 | lights, double-thick, 8 by 15-inch Bal- timore glass | 11 | per light. |
| 60 | lights, double-thick, 11 by 17-inch Bal- timore glass..... | 13 | per light. |

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 16, Ship Chandlery. Miscellaneous.

| | | | |
|-------|----------------------------------|--------|------------|
| 10 | pounds gum arabic..... | \$0 30 | per pound. |
| 180 | do. refined borax..... | 25 | per pound. |
| 5 | do. best Prussian bristles..... | 1 75 | per pound. |
| 5 | do. best Ocalka bristles | 2 00 | per pound. |
| 200 | do. white chalk..... | 01 | per pound. |
| 20 | do. red chalk..... | 05 | per pound. |
| 66 | do. sperm candles (2 boxes)..... | 39 | per pound. |
| 20 | do. emery, assorted..... | 10 | per pound. |
| 5 | do. prussiate of potash | 05 | per pound. |
| 20 | do. white marline..... | 30 | per pound. |
| 1,600 | do. oakum, for wiping | 06 | per pound. |
| 120 | do. brown soap..... | 06 | per pound. |
| 25 | do. Castile soap..... | 14 | per pound. |
| 5 | do. Scotch stone..... | 10 | per pound. |

| | | | |
|------------|--|--------|-------------|
| 10 pounds | pumice stone..... | \$0 03 | per pound. |
| 15 do. | rotten stone..... | 03 | per pound. |
| 200 do. | braziers' solder..... | 25 | per pound. |
| 10 do. | sal ammoniac..... | 10 | per pound. |
| 450 do. | clean tallow..... | 12 | per pound. |
| 4 do. | shoe thread..... | 60 | per pound. |
| 5 do. | cotton sewing twine..... | 28 | per pound. |
| 35 do. | Mount Eagle tripoli..... | 16 | per pound. |
| 100 do. | blue vitriol..... | 05 | per pound. |
| 1,000 do. | cotton waste..... | 10 | per pound. |
| 35 do. | cotton lamp wick..... | 20 | per pound. |
| 100 do. | hemp packing..... | 12 | per pound. |
| 1 do. | fine sponge..... | 1 00 | per pound. |
| 24 dozen | corn brooms..... | 2 75 | per dozen. |
| 6 dozen | hickory brooms..... | 2 00 | per dozen. |
| 6 dozen | paint brushes, 0000, R. C. Smith, New York..... | 9 00 | per dozen. |
| 4 dozen | tools, No. 8, best quality..... | 2 50 | per dozen. |
| 4 dozen | dusters, No. 5, best quality..... | 4 00 | per dozen. |
| 2 dozen | fitches, flat, $\frac{1}{2}$ and $1\frac{1}{4}$ inch, best quality..... | 88 | per dozen. |
| 2 dozen | fitches, round, Nos. 18 and 22, best quality..... | 75 | per dozen. |
| 6 dozen | camel's hair pencils, 1 and $1\frac{1}{4}$ inch, best quality..... | 25 | per dozen. |
| 5 dozen | double dusters, best quality..... | 6 50 | per dozen. |
| 4 dozen | 8-knot whitewash brushes, best quality..... | 4 50 | per dozen. |
| 1 dozen | fine chalk lines, best quality..... | 25 | per dozen. |
| 4 dozen | double-jointed two-foot rules, best quality..... | 6 00 | per dozen. |
| 1 dozen | bellows, for foundry use, 12 and 14 inch, best quality..... | 18 00 | per dozen. |
| 1 | camels' hair brush, 3 inches wide..... | 1 50 | per dozen. |
| 6 barrels | sour or condemned flour..... | 5 00 | per barrel. |
| 2 barrels | molasses, suitable for foundry use, 60 gallons..... | 20 | per gallon. |
| 3 barrels | No. 1 rosin, 300 pounds to the barrel..... | 2 50 | per barrel. |
| 4 reams | sand-paper, assorted..... | 2 50 | per ream. |
| 2 reams | emery paper, assorted..... | 5 00 | per ream. |
| 5 reams | emery cloth, F. K. Sibley's, as- sorted..... | 16 00 | per ream. |
| 100 sides | best belt leather, 18 to 24 pounds to the side..... | 7 50 | per side. |
| 100 sides | best hose leather, 16 to 18 pounds to the side..... | 6 50 | per side. |
| 18 sides | best horse-hide russet lacing leather | 2 60 | per side. |
| 2 sides | best pump leather, 29 pounds to the side..... | 9 00 | per side. |
| 15 gallons | spirits of wine..... | 70 | per gallon. |

| | | |
|-------|---|--------------------|
| 6,000 | numbers of best American-made crucibles..... | \$0 07 per number. |
| 2 | porcelain wash bowls, with valves and stop cocks, complete, for chambers... | 3 50 each. |
| 3 | grindstones, 3 feet diameter, and 5 inches on the face..... | 4 00 each. |
| 3 | grindstones, 3 feet diameter, and 6 inches on the face..... | 5 00 each. |
| 1 | sack (3 bushels) ground alum salt..... | 1 75 per sack. |
| 1 | paint mill, O. C. Haines's patent, or its equal..... | 4 50 each. |
| 4 | packages gold leaf, deep shade, best quality..... | 4 00 per package. |
| 6 | pallet knives, 10, 12, and 14 inch..... | 70 each. |
| 3 | sets best cart harness, large size | 19 00 per set. |
| 3 | smiths' bellows, each 24 inches wide... | 8 00 each. |
| 1 | sand screen..... | 5 00 each. |
| 2 | tape lines, each 100 feet long, best quality..... | 1 50 each. |
| 3 | spring tape lines, 5 feet long, in German silver cases..... | 50 each. |

To be delivered as required.

Class No. 17, Hardware. Miscellaneous.

| | | |
|----------------|---|------------------|
| | boxes Randall's patent brads, $\frac{3}{8}$ to 1 inch, 50 pounds to the box..... | \$4 50 per box. |
| 3 | boxes Randall's patent brads, $1\frac{1}{4}$ to 3 inch, 50 pounds to the box..... | 4 00 per box. |
| 1 | box Randall's best blued tacks, assorted, 50 pounds to the box..... | 3 00 per box. |
| 5 | dozen 14-inch hack-saw blades..... | 4 00 per dozen. |
| 1 | dozen 12-inch hack-saw blades..... | 3 50 per dozen. |
| 2 | dozen 28 by $\frac{3}{4}$ inch upright saw blades, | 3 00 per dozen. |
| $1\frac{1}{2}$ | dozen monkey wrenches, large and medium sizes..... | 15 00 per dozen. |
| 1 | dozen hand vises, large and medium sizes | 3 00 per dozen. |
| 3 | dozen best molders' shovels, steel blades..... | 7 00 per dozen. |
| 5 | dozen best No. 4 short-handle shovels, Ames's best..... | 10 00 per dozen. |
| $2\frac{1}{2}$ | dozen best No. 2 short-handle shovels, Ames's best..... | 12 00 per dozen. |
| $\frac{1}{2}$ | dozen best scoop shovels, Ames's best, | 12 00 per dozen. |
| 1 | dozen steel-pointed picks, Ames's best, | 9 00 per dozen. |
| $\frac{1}{2}$ | dozen best large-size dividers, 12 to 14 inch..... | 6 00 per dozen. |
| $\frac{1}{2}$ | dozen best large-size compasses, with guards and screws..... | 5 00 per dozen. |
| $\frac{1}{2}$ | dozen best cutting plyers, small..... | 4 00 per dozen. |

| | | | |
|-------|--|--------|------------|
| 2 | dozen best No. 2 iron wire sieves..... | \$6 00 | per dozen. |
| 1½ | dozen best No. 4 iron wire sieves..... | 6 00 | per dozen. |
| 2 | dozen best No. 8 iron wire sieves..... | 6 00 | per dozen. |
| 3 | dozen best No. 10 iron wire sieves..... | 6 00 | per dozen. |
| ½ | dozen best No. 20 brass wire sieves.... | 15 00 | per dozen. |
| 2 | dozen best 2-inch axle pulleys, best in use, for sash..... | 1 00 | per dozen. |
| ½ | dozen 6-inch Carpenters' rim locks, complete, wrought-iron frames, best, | 9 00 | per dozen. |
| ½ | dozen 12-inch Carpenters' rim locks, complete, wrought-iron frames, best, | 10 00 | per dozen. |
| 100 | gross iron screws, from No. 5 to 18, and from ½ to 3 inches long..... | 90 | per gross. |
| 48 | pounds No. 9 copper belt rivets..... | 50 | per pound. |
| 12 | pounds No. 9 copper belt rivets, burrs, | 50 | per pound. |
| 48 | pounds No. 7 copper belt rivets..... | 47 | per pound. |
| 12 | pounds No. 7 copper belt rivets, burrs, | 47 | per pound. |
| 400 | pounds Nos. 5 to 14 iron wire..... | 08 | per pound. |
| 50 | pounds sheet zinc..... | 10 | per pound. |
| 20 | pounds best ox-shoe nails..... | 20 | per pound. |
| 30 | pounds best horse-shoe nails..... | 20 | per pound. |
| 12 | pairs 2 by 3-inch iron but hinges, best quality..... | 10 | per pair. |
| 12 | pairs 2½ by 3-inch iron but hinges, best quality..... | 10 | per pair. |
| 12 | pairs 3 by 3¼-inch iron but hinges, best quality..... | 10 | per pair. |
| 12 | pairs 3½ by 3½-inch iron but hinges, best quality..... | 10 | per pair. |
| 22 | pairs 4 by 4-inch iron but hinges, best quality..... | 12 | per pair. |
| 1 | pair tailors' shears..... | 2 00 | per pair. |
| 1 | Fairbank's rolling mill scales, capacity 3,000 pounds..... | 75 00 | each. |
| 3 | Darling & Schwarts's, U. S. standard, two-foot rules, steel..... | 1 50 | each. |
| 2 | hydrostatic jacks, of 16 tons capacity, | 30 00 | each. |
| 4 | Allen's high-pressure steam gauges... | 20 00 | each. |
| 1 | anvil, steel face, to weigh about 300 pounds..... | 18 00 | each. |
| 300 | feet iron wire rope, from ½ to 1¼-inch diameter..... | 33 | per foot. |
| 1,000 | feet ½-inch lead pipe—say 3,500 pounds, | 10 | per pound. |
| 2 | boxes IC tin, charcoal brand, 10 by 12 inches..... | 9 00 | per box. |
| 1 | box IX tin, RG terne plate, 10 by 14 inches..... | 10 00 | per box. |
| 12 | double plane irons, for fore and jack planes..... | 40 | each. |
| 4 | jack planes, with double irons..... | 75 | each. |
| 4 | fore planes, with double irons..... | 1 00 | each. |

| | | |
|---|--|---------------|
| 6 | spokeshaves, best quality..... | \$0 50 each. |
| 3 | best hand saws, rip and cross-cut..... | 1 50 each. |
| 3 | best tenon saws..... | 1 00 each. |
| 2 | sets large size turning chisels | 4 00 per set. |
| 2 | sets large size turning gouges..... | 4 00 per set. |

To be delivered as required.

BLANCHARD & MOHUN. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 18, Stationery. Miscellaneous.

| | | |
|---------------|--|------------------|
| 20 | reams foolscap paper, faint lined on 4 sides, as ordered..... | \$3 00 per ream. |
| 20 | reams letter paper, faint lined on 3 sides, as ordered..... | 3 00 per ream. |
| 8 | reams note paper, faint lined on 3 sides, as ordered..... | 2 50 per ream. |
| 8 | reams yellow envelope paper | 4 00 per ream. |
| 1 | ream white envelope paper..... | 3 00 per ream. |
| 1 | ream blotting paper..... | 3 50 per ream. |
| $\frac{1}{4}$ | ream blotting patent paper | 15 00 per ream. |
| 2 | reams blank requisition books, printed, &c., as per pattern | 8 00 per ream. |
| 1 | ream blank half-monthly returns, ruled and printed as per pattern..... | 24 00 per ream. |
| 2 | reams blank bills, ruled and printed as per pattern | 6 00 per ream. |
| 1 | ream blank bills of lading and invoices, ruled and printed as per pattern..... | 6 00 per ream. |
| 1 | ream blank semi-monthly reports of labor, ruled and printed as per pattern | 20 00 per ream. |
| 1 | ream blank half-monthly pay-rolls, ruled and printed as per pattern.... | 25 00 per ream. |
| 1 | ream blank inspector's reports, ruled and printed as per pattern..... | 20 00 per ream. |
| 100 | blank semi-monthly returns of labor, ruled and printed as per pattern.... | 3 00 per 100. |
| 100 | sheets blank recapitulations, ruled and printed as per pattern..... | 5 00 per 100. |
| 6 | six-quire blank books, bound, printed, and ruled as per pattern..... | 3 50 each. |
| 8 | three and four-quire, cap size, blank books, faint lined, as per pattern.... | 1 50 each. |
| 3 | four-quire blank books, bound, printed, and ruled, as per pattern..... | 3 00 each. |
| 1 | dozen muster books | 3 00 per dozen. |
| 2 | dozen blank memorandum books, assorted sizes..... | 4 50 per dozen. |
| 1 | dozen blank file books..... | 12 00 per dozen. |
| 4 | dozen small bottles "Guyot's" best carmine ink..... | 2 50 per dozen. |

| | | |
|----------------|--|-------------------|
| 30 | dozen "Faber's" best blacklead pencils, Nos. 1 and 4 | \$0 60 per dozen. |
| 6 | dozen "Faber's" architectural drawing pencils | 1 00 per dozen. |
| 2 | dozen "Faber's" red and blue pencils, | 1 50 per dozen. |
| 4 | dozen large size pieces India rubber ... | 1 00 per dozen. |
| 18 | dozen pieces red tape | 40 per dozen. |
| 2 | dozen pieces taste | 2 50 per dozen. |
| 2 | dozen papers drawing tacks | 3 00 per dozen. |
| 18 | dozen penholders | 35 per dozen. |
| 2 | dozen bottles mucilage | 3 50 per dozen. |
| $\frac{1}{2}$ | dozen sticks India ink | 5 00 per dozen. |
| $\frac{1}{2}$ | dozen inkstands | 10 00 per dozen. |
| $2\frac{1}{2}$ | quires double elephant drawing paper, | 6 00 per quire. |
| 2 | quires antiquarian drawing paper | 25 00 per quire. |
| 2 | quires brown drawing paper | 10 00 per quire. |
| 74 | yards double clarified tracing cloth ... | 60 per yard. |
| 24 | Rodgers's penknives | 2 00 each. |
| 6 | Rodgers's erasers | 40 each. |
| 24 | gross steel pens, assorted | 1 00 per gross. |
| 2 | gross steel mapping pens | 5 00 per gross. |
| 6 | gallons Maynard & Noyes's black ink, in pint and quart bottles | 1 50 per gallon. |
| 1 | pound wafers | 50 per pound. |
| 1 | pound sealing wax | 1 00 per pound. |
| 30 | pounds black sand | 06 per pound. |
| 1,500 | official envelopes | 60 per 100. |
| 2,000 | letter envelopes | 40 per 100. |
| 800 | note envelopes | 40 per 100. |
| 500 | No. 80 opaque quills | 2 50 per 100. |
| 1 | Webster's Unabridged Dictionary | 6 50 each. |
| 2 | bundles soapstone slate pencils | 50 per bundle. |
| 1 | box chalk crayons | 50 per box. |
| 1 | box drawing instruments, No. 62, C. T. Ambler, Philadelphia | 20 00 per box. |
| 1 | Worcester's Dictionary, large size, latest edition | 7 50 each. |

To be delivered as required.

P. OTTERBACK, JR. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 19, Firewood. Miscellaneous.

| | | |
|-----|---|------------------|
| 800 | cords split pine wood, best quality. | \$3 00 per cord. |
| 20 | cords hickory wood, best quality | 4 50 per cord. |

To be delivered as required.

J. FENWICK YOUNG. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 20, Hay and Straw. Miscellaneous.

| | |
|--|------------------|
| 30 tons best timothy hay, 2,000 pounds to the ton..... | \$15 75 per ton. |
| 8 tons best rye straw, 2,000 pounds to the ton, | 13 25 per ton. |

To be delivered as required.

KING & BURCHELL. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 21, Provender. Miscellaneous.

| | |
|---------------------------|--------------------|
| 960 bushels corn..... | \$0 77 per bushel. |
| 960 bushels oats..... | 38 per bushel. |
| 60 bushels shorts..... | 15 per bushel. |
| 60 bushels shipstuff..... | 37 per bushel. |

To be delivered as required.

ISAAC TRAMMEL. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 22, Charcoal. Miscellaneous.

| | |
|---|------------------------------------|
| 12,000 bushels best maple or pine charcoal..... | \$0 06 $\frac{1}{100}$ per bushel. |
|---|------------------------------------|

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 23, Belting, Packing, and Hose. Miscellaneous.

| | |
|--|-------------------|
| 100 pounds $\frac{1}{8}$ -inch vulcanized rubber, in sheets, for joints..... | \$0 34 per pound. |
| 100 pounds $\frac{1}{8}$ -inch vulcanized rubber, in sheets, for joints..... | 42 per pound. |
| 100 pounds $\frac{1}{8}$ -inch vulcanized rubber, in sheets, for joints..... | 40 per pound. |
| 100 pounds $\frac{1}{4}$ -inch vulcanized rubber, in sheets, for joints..... | 40 per pound. |

To be delivered as required.

KING & BURCHELL. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 24, Sperm and Lubricating Oils. Miscellaneous.

| | |
|---|----------------------------------|
| 600 gallons pure winter-strained sperm oil..... | \$1 49 $\frac{1}{2}$ per gallon. |
| 450 gallons pure parafine oil, equal to best quality..... | 62 per gallon. |
| 200 gallons pure lard oil..... | 95 per gallon. |
| 35 gallons pure neatsfoot oil..... | 65 per gallon. |

All the above oils to be of the very best quality, and to be delivered, in tight and suitable vessels, as required.

WALDEN & PORTER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 27, Anthracite coal.

935 tons (2,240 lbs.) large-lump Lehigh coal,
for cupola uses \$4 50 per ton.
113 tons (2,240 lbs.) egg-size white-ash coal,
for furnaces, &c..... 4 50 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Class No. 28, Bituminous Richmond or Virginia Coal.

560 tons, average run of the pit, Richmond or
Virginia coal, 2,240 pounds to the ton... \$4 20 per ton.

The above coal is to be of the best quality; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy-yard scales.

W. W. MCKAIG. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 29, Bituminous Cumberland Coal.

3,653 tons, average run of the pit, Cumberland
coal, 2,240 pounds to the ton..... \$2 98 per ton.

The above coal is to be of the best quality, to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Schedule of materials required for the United States navy-yard, Gosport, Virginia, for the year ending June 30, 1861.

R. B. MCKNIGHT. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 3, Yellow Pine Timber. Miscellaneous.

1,000 cubic feet of plank stocks, heart..... \$0 22 per cubic foot.

One fourth of the above to be in lengths of 20 to 25 feet; one fourth of 25 to 30 feet; one fourth of 30 to 35 feet, and one fourth of 35 to 40 feet. One half to be not less than 14 inches square, and the remainder not less than 18 inches square; and one half the pieces above the 30 feet lengths to be of the largest size.

48 pieces for sills, 41 feet long, 13 by 14
inches = 2,487 cubic feet. \$22 00 per cubic foot.

All the above to be of sound heart, unbled timber, got out full, straight, and square, without wane, and free from all defects. To be delivered as required.

Class No. 4, Yellow Pine Lumber. Miscellaneous.

| | |
|---|---------------------|
| 310 joists, 24 feet long, 3 by 16 inches = 29,760 feet, board measure..... | \$25 00 per M feet. |
| 55,000 feet, board measure, flooring, 2½ by 12 inches, 27 and 14 feet lengths..... | 24 00 per M feet. |
| 50 braces, 50 feet long, 5 by 12 inches = 12,500 feet, board measure..... | 28 00 per M feet. |
| 2,000 feet, board measure, scantling, 16 feet lengths, 3 by 4 inches..... | 20 00 per M feet. |
| 1,500 feet, board measure, planks, 12 feet lengths, 2½ inches thick..... | 20 00 per M feet. |
| 3,000 feet, board measure, planks, 12 feet lengths, 1 and 1½ inch thick..... | 20 00 per M feet. |

All the above to be of best quality unbled heart, clear of all defects, sawn full, straight, and square. To be delivered as required.

PETERS & REED. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 6, White Pine, Spruce, Juniper, and Cypress. Miscellaneous.

| | |
|---|---------------------|
| 5,000 feet, board measure, cypress siding, in widths of 8 to 9 inches..... | \$25 00 per M feet. |
| 25,000 feet, board measure, seasoned merchant- able white pine 1-inch boards, to av- erage 12 inches in width, to be not less than 16 feet long..... | 19 00 per M feet. |
| 5,000 feet, board measure, seasoned clear white pine 1-inch boards, to average 12 inches in width, to be not less than 12 feet long..... | 40 00 per M feet. |
| 2,000 feet, board measure, seasoned clear white pine 1½-inch boards, to average 12 inches in width, to be not less than 12 feet long..... | 40 00 per M feet. |
| 5,000 feet, board measure, seasoned clear white pine 2-inch boards, to average 12 inches in width, to be not less than 12 feet long..... | 40 00 per M feet. |

To be delivered as required.

Class No. 8, Cement. Miscellaneous.

75 casks best Rosendale hydraulic cement, 1 20 per cask.

To be delivered within ninety days from date of contract.

C. H. WHITEHURST. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 9, Gravel and Sand. Miscellaneous.

| | |
|---|---------------------|
| 4,000 bushels clean, sharp, fresh water sand, | \$0 06½ per bushel. |
| 20 tons (2,240 pounds) Baltimore coresand, | 1 10 per ton. |
| 10 tons (2,240 pounds) fine Albany mold- ing sand..... | 1 25 per ton. |

To be delivered as required.

ALLYN, ROSE, & Co. DATE OF CONTRACT, SEPTEMBER 20, 1860.

Class No. 11, Iron, Iron Nails, and Spikes. Miscellaneous.

| | |
|--|---------------------------------|
| 5,000 pounds iron cut nails, from 4 to 40d.... | \$0 03 $\frac{1}{2}$ per pound. |
| 400 pounds iron cut nails, 4 $\frac{1}{2}$ inches long... | 00 $\frac{1}{2}$ per pound. |
| 400 pounds iron cut nails, 6 inches long.... | 00 $\frac{1}{2}$ per pound. |
| 400 pounds iron cut nails, 8 inches long.... | 03 per pound. |
| 150 gross brads, assorted, from $\frac{1}{2}$ to 2 inch, | 00 $\frac{1}{2}$ per gross. |
| 20 pounds finishing nails, assorted sizes... | 25 per pound. |
| 500 pounds wrought-iron nails, assorted sizes | 00 $\frac{1}{2}$ per pound. |
| 8,000 pounds round wrought-iron, from $\frac{1}{4}$ to 4 inch..... | 03 $\frac{1}{2}$ per pound. |
| 3,000 pounds flat wrought iron, assorted widths, from 1 $\frac{1}{2}$ to 4 $\frac{1}{2}$ inch, and thickness from $\frac{3}{8}$ to 1 $\frac{1}{4}$ inch..... | 03 $\frac{1}{2}$ per pound. |
| 2,000 pounds square wrought iron, assorted, from $\frac{3}{8}$ to 2 $\frac{1}{2}$ inch..... | 03 $\frac{1}{2}$ per pound. |
| 2,000 pounds boiler iron, $\frac{1}{8}$ and $\frac{1}{4}$ inch thick, 30 inches wide..... | 01 per pound. |
| 5 sheets boiler iron, $\frac{1}{8}$ inch thick, 66 by 36 inches..... | 04 per sheet. |
| 25 sheets boiler iron, No. 14, 60 by 30 inches..... | 04 per sheet. |
| 100 pounds boiler rivets, 1 $\frac{1}{2}$ by $\frac{5}{8}$ inch..... | 01 per pound. |
| 100 pounds boiler rivets, 1 $\frac{1}{2}$ by $\frac{1}{2}$ inch..... | 01 per pound. |
| 100 pounds boiler rivets, 1 $\frac{1}{2}$ by $\frac{3}{8}$ inch..... | 01 per pound. |
| 100 pounds boiler rivets, 2 by $\frac{5}{8}$ inch..... | 01 per pound. |
| The above to be the best American charcoal iron. | |
| 500 pounds Russian sheet iron, No. 24, wire gauge..... | 01 per pound. |
| 6 mouse-hole Armitage anvils, 2 or 3 cwt. each..... | 20 00 each. |

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 12, Steel. Miscellaneous.

| | |
|--|---------------------------------|
| 3,000 pounds square cast steel, from $\frac{1}{4}$ to 3 inch, | \$0 14 $\frac{1}{2}$ per pound. |
| 1,000 pounds octagon cast steel, from $\frac{3}{8}$ to 2 $\frac{1}{2}$ inch..... | 05 per pound. |
| 300 pounds best English blister steel..... | 05 per pound. |
| 200 pounds best German blister steel..... | 05 per pound. |

To be delivered as required.

Class No. 13, Pig Iron. Miscellaneous.

| | |
|---|------------------|
| 12 tons (2,240 pounds) Ashland pig iron, No. 1..... | \$26 00 per ton. |
|---|------------------|

| | |
|--|------------------|
| 12 tons (2,240 pounds) Ashland pig iron, No. 2..... | \$22 00 per ton. |
| 10 tons (2,240 pounds) Scotch pig iron, No. 1..... | 24 00 per ton. |

To be delivered as required.

Class No. 14, Files. Miscellaneous.

| | |
|---|-------------------|
| 2 dozen hand bastard cut files, 4 inch... | \$0 02 per dozen. |
| 2 dozen hand bastard cut files, 6 inch... | 02 per dozen. |
| 16 dozen hand bastard cut files, 8 inch... | 1 50 per dozen. |
| 16 dozen hand bastard cut files, 10 inch, | 4 50 per dozen. |
| 16 dozen hand bastard cut files, 12 inch, | 7 00 per dozen. |
| 16 dozen hand bastard cut files, 14 inch, | 10 00 per dozen. |
| 6 dozen hand bastard cut files, 15 inch, | 02 per dozen. |
| 6 dozen hand bastard cut files, 16 inch, | 12 00 per dozen. |
| 2 dozen flat bastard cut files, 8 inch..... | 1 50 per dozen. |
| 4 dozen flat bastard cut files, 10 inch.... | 2 50 per dozen. |
| 22 dozen flat bastard cut files, 12 inch.... | 4 00 per dozen. |
| 12 dozen flat bastard cut files, 12 inch, safe edge..... | 02 per dozen. |
| 26 dozen flat bastard cut files, 14 inch... | 02 per dozen. |
| 24 dozen flat bastard cut files, 14 inch, safe edge..... | 02 per dozen. |
| 5 dozen round bastard cut files, 8 inch, | 50 per dozen. |
| 5 dozen round bastard cut files, 10 inch, | 75 per dozen. |
| 5 dozen round bastard cut files, 12 inch, | 1 00 per dozen. |
| 5 dozen round bastard cut files, 14 inch, | 1 00 per dozen. |
| 5 dozen round bastard cut files, 16 inch, | 05 per dozen. |
| 2 dozen hand smooth cut files, 4 inch... | 02 per dozen. |
| 2 dozen hand smooth cut files, 6 inch... | 10 per dozen. |
| 12 dozen hand smooth cut files, 8 inch... | 06 per dozen. |
| 12 dozen hand smooth cut files, 10 inch, | 10 per dozen. |
| 12 dozen hand smooth cut files, 12 inch, | 10 per dozen. |
| 12 dozen hand smooth cut files, 14 inch, | 1 00 per dozen. |
| 4 dozen hand fine cut files, 4 inch..... | 02 per dozen. |
| 4 dozen hand fine cut files, 6 inch..... | 02 per dozen. |
| 4 dozen hand fine cut files, 8 inch..... | 6 00 per dozen. |
| 4 dozen hand fine cut files, 10 inch..... | 9 00 per dozen. |
| 4 dozen hand fine cut files, 12 inch..... | 10 00 per dozen. |
| 2 dozen half-round smooth cut files, 4 inch..... | 02 per dozen. |
| 2 dozen half-round smooth cut files, 6 inch..... | 10 per dozen. |
| 8 dozen half-round smooth cut files, 8 inch..... | 10 per dozen. |
| 8 dozen half-round smooth cut files, 10 inch..... | 16 per dozen. |
| 8 dozen half-round smooth cut files, 12 inch..... | 20 per dozen. |

| | | | |
|----|---|--------|------------|
| 8 | dozen half-round smooth cut files, 14 inch..... | \$0 25 | per dozen. |
| 2 | dozen half-round bastard cut files, 4 inch..... | 02 | per dozen. |
| 2 | dozen half-round bastard cut files, 6 inch..... | 02 | per dozen. |
| 10 | dozen half-round bastard cut files, 8 inch..... | 1 00 | per dozen. |
| 10 | dozen half-round bastard cut files, 10 inch..... | 3 00 | per dozen. |
| 10 | dozen half-round bastard cut files, 12 inch..... | 8 00 | per dozen. |
| 10 | dozen half-round bastard cut files, 14 inch..... | 10 00 | per dozen. |
| 10 | dozen half-round bastard cut files, 16 inch..... | 6 00 | per dozen. |
| 2 | dozen half-round fine cut files, 4 inch | 02 | per dozen. |
| 2 | dozen half-round fine cut files, 6 inch | 3 00 | per dozen. |
| 2 | dozen half-round fine cut files, 8 inch | 6 00 | per dozen. |
| 2 | dozen half-round fine cut files, 10 inch | 10 00 | per dozen. |
| 2 | dozen half-round fine cut files, 12 inch | 12 00 | per dozen. |
| 6 | dozen square bastard cut files, 8 to 12 inch, Stubbs's..... | 8 00 | per dozen. |
| 4 | dozen square smooth cut files, 4 to 10 inch, Stubbs's..... | 02 | per dozen. |
| 5 | dozen hand smooth cut files, 4 to 12 inch, Stubbs's..... | 02 | per dozen. |
| 5 | dozen hand dead smooth cut files, 4 to 12 inch, Stubbs's..... | 02 | per dozen. |
| 2 | dozen 3-square smooth cut files, 4 and 6 inch, Stubbs's..... | 02 | per dozen. |
| ½ | dozen flat smooth cut files, 4 inch, Stubbs's..... | 3 00 | per dozen. |
| ½ | dozen flat smooth cut files, 6 inch, Stubbs's..... | 4 00 | per dozen. |
| ½ | dozen flat smooth cut files, 8 inch, Stubbs's..... | 5 00 | per dozen. |
| 5 | dozen half-round dead smooth cut files, 4 to 12 inch, Stubbs's..... | 02 | per dozen. |
| 5 | dozen half-round smooth cut files, 4 to 12 inch, Stubbs's..... | 02 | per dozen. |
| 3 | dozen round fine cut files, 4, 6, 8 inch, Stubbs's..... | 02 | per dozen. |
| 14 | dozen safe edge fine files, 4 to 10 inch, Stubbs's..... | 02 | per dozen. |
| 3 | dozen half-round fine files, 12 inch, Stubbs's..... | 02 | per dozen. |
| 2 | dozen half-round fine files, 6 inch, Stubbs's..... | 02 | per dozen. |
| 2 | dozen half-round fine files, 4 inch, Stubbs's..... | 02 | per dozen. |

| | | | |
|-----|---|--------|------------|
| 3 | dozen warding files, 3 inch, Stubbs's.. | \$5 00 | per dozen. |
| 3 | dozen warding files, 4 inch, Stubbs's.. | 5 00 | per dozen. |
| 3 | dozen warding files, 6 inch, Stubbs's.. | 5 00 | per dozen. |
| 1 | dozen warding files, 8 inch, Stubbs's.. | 02 | per dozen. |
| 3 | dozen round smooth cut files, assorted, 4 to 8 inch..... | 02 | per dozen. |
| 12 | dozen round smooth cut files, assorted, 10 to 16 inch..... | 02 | per dozen. |
| 5 | dozen hand saw files, 3 inch..... | 1 50 | per dozen. |
| 5 | dozen hand saw files, 4 inch..... | 2 00 | per dozen. |
| 54 | dozen hand saw files, 4½ inch..... | 1 00 | per dozen. |
| 3 | dozen hand saw files, 5 inch..... | 1 50 | per dozen. |
| 2 | dozen hand saw files, 6 inch..... | 3 00 | per dozen. |
| 100 | dozen 3-square saw files, 3 to 10 inch. | 01 | per dozen. |
| 24 | dozen sash saw files, 3 inch..... | 02 | per dozen. |
| 20 | dozen mill saw files, 12 to 14 inch.... | 3 00 | per dozen. |
| 15 | dozen pit saw files, 6 to 8 inch..... | 02 | per dozen. |
| 3 | dozen tenon saw files, 3½ inch..... | 2 00 | per dozen. |
| 12 | dozen cross-cut saw files, 7 inch..... | 1 00 | per dozen. |
| 4 | dozen wood rasps, assorted | 02 | per dozen. |
| 4 | dozen horseshoe rasps, assorted..... | 02 | per dozen. |
| 12 | dozen cabinet maker's rasps, assorted, 12 to 14 inch | 02 | per dozen. |

To be delivered as required.

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER, 25, 1860.

Class No. 15, Paints, Oils, and Glass. Miscellaneous.

| | | | |
|-------|--|--------|-------------|
| 25 | pounds best refined borax | \$0 30 | per pound. |
| 200 | gallons pure raw linseed oil | 65 | per gallon. |
| 60 | gallons pure spirits turpentine..... | 50 | per gallon. |
| 1,500 | pounds Spanish whiting | 01 | per pound. |
| 200 | pounds red lead | 08 | per pound. |
| 1,000 | pounds white zinc paint, ground in oil. | 08 | per pound. |
| 500 | feet best quality window glass, 10 by 12 inches, double thick | 05 | per foot. |

To be delivered as required.

J. L. SAVAGE. DATE OF CONTRACT, SEPTEMBER 26, 1860.

Class No. 16, Ship Chandlery. Miscellaneous.

| | | | |
|----|--|--------|------------|
| 2 | dozen best quality fitches, assorted | \$0 75 | per dozen. |
| 4 | dozen best quality camel's hair pencils, assorted | 50 | per dozen. |
| 2 | dozen best quality sable pencils | 75 | per dozen. |
| 4 | dozen best quality stock brushes, for painting canvas | 6 00 | per dozen. |
| 12 | dozen best quality sash tools, large size. | 2 00 | per dozen. |
| 8 | dozen best quality paint brushes, 0000. | 7 50 | per dozen. |
| 8 | dozen best quality paint brushes, 000000 | 11 00 | per dozen. |

| | | | |
|---------------|--|--------|-------------|
| 1 | dozen best quality iron-bound tar brushes..... | \$3 00 | per dozen. |
| 1 | dozen best quality whitewash brushes.. | 7 00 | per dozen. |
| 3 | dozen hand brushes | 2 50 | per dozen. |
| 1 | dozen horse brushes..... | 6 00 | per dozen. |
| 3 | dozen jointing brushes | 50 | per dozen. |
| 2 | glaziers' diamonds | 3 00 | each. |
| 6 | barrels best beef tallow..... | 25 00 | per barrel. |
| 400 | pounds sperm candles..... | 39 | per pound. |
| 1,000 | pounds oakum..... | 06 | per pound. |
| 500 | pounds cotton waste..... | 12 | per pound. |
| 50 | pounds spun cotton..... | 05 | per pound. |
| 150 | pounds castile soap..... | 12 | per pound. |
| 50 | pounds cotton wick..... | 20 | per pound. |
| 20 | dozen corn brooms..... | 3 00 | per dozen. |
| 3 | dozen hickory brooms | 1 50 | per dozen. |
| 95 | sides lacing leather | 1 50 | per side. |
| 12 | barrels tar | 2 12 | per barrel. |
| 5 | barrels pitch | 2 25 | per barrel. |
| 2 | dozen ship scrapers..... | 3 00 | per dozen. |
| 50 | pounds best quality woolen thrums.... | 10 | per pound. |
| 500 | pounds best white chalk | 02 | per pound. |
| 20 | pounds best red chalk | 05 | per pound. |
| 6 | dozen small size chalk lines..... | 25 | per dozen. |
| 2 | dozen large size chalk lines | 25 | per dozen. |
| 1 | dozen best quality tape lines, 60 feet... | 9 00 | per dozen. |
| $\frac{1}{2}$ | dozen best quality tape lines, per sample | 15 00 | per dozen. |
| $\frac{1}{2}$ | dozen metallic tape lines, 60 feet..... | 30 00 | per dozen. |
| 2 | dozen metallic tape lines, 100 feet..... | 2 00 | per dozen. |
| $\frac{1}{2}$ | dozen spring tape lines, 5 and 3 feet, in German silver cases..... | 50 | per dozen. |
| $\frac{1}{2}$ | dozen French grindstones, 4 and 4 $\frac{1}{2}$ feet diameter..... | 60 00 | per dozen. |
| 4 | hand hair brushes | 25 | each. |
| 22 | reams sand paper, assorted numbers... | 2 50 | per ream. |
| 8 | reams Sibley's emery cloth, Nos. 1 and 0 | 16 00 | per ream. |
| 7 | reams No. 1 emery paper | 1 50 | per ream. |
| 2 | reams No. 0 emery paper | 1 50 | per ream. |
| 1 | ream No. $\frac{1}{2}$ emery paper | 1 00 | per ream. |
| 150 | pounds pulverized emery, assorted numbers | 02 | per pound. |
| 25 | pounds flour of emery..... | 20 | per pound. |
| 125 | pounds best glue | 25 | per pound. |
| 550 | pounds banca block tin..... | 35 | per pound. |
| 5 | boxes XX tin, 14 by 20 inches..... | 10 00 | per box. |
| 300 | pounds braziers' copper | 05 | per pound. |
| 250 | pounds sheet copper | 03 | per pound. |
| 1 | ton (2,240 lbs.) ingot copper, for casting | 390 00 | per ton. |

| | | | |
|------------------------------|--|--------|-------------|
| 400 | pounds pig zinc..... | \$0 08 | per pound. |
| 200 | pounds sheet zinc, 16 oz., 34 by 84 inches..... | 10 | per pound. |
| 2,000 | pounds sheet lead, assorted thicknesses | 10 | per pound. |
| 2 | barrels common molasses..... | 10 00 | per barrel. |
| 2 | barrels superfine flour..... | 8 00 | per barrel. |
| 200 | barrels ground sea coal..... | 25 | per barrel. |
| 30 | barrels ground charcoal..... | 1 50 | per barrel. |
| 100 | pounds hemp packing..... | 15 | per pound. |
| To be delivered as required. | | | |

ALLYN, ROSE & Co. DATE OF CONTRACT, SEPTEMBER 20, 1850.

Class No. 17, Hardware. Miscellaneous.

| | | | |
|----|--|--------|------------|
| 5 | gross rivets and burs, $\frac{3}{4}$ inch long, copper, per sample..... | \$0 25 | per gross. |
| 4 | large size bench vises, solid box..... | 25 00 | each. |
| 3 | carpenters' vises..... | 06 | each. |
| 6 | hand vises..... | 25 | each. |
| 12 | coal shovels..... | 1 25 | each. |
| 2 | dozen Ames's No. 2 railroad shovels... | 18 00 | per dozen. |
| 15 | yards black cotton velvet..... | 02 | per yard. |
| 20 | yards black cotton cambric..... | 02 | per yard. |
| 1 | dozen curry-combs..... | 1 00 | per dozen. |
| 2 | slice chisels, 3 inch..... | 06 | each. |
| 2 | slice chisels, 4 inch..... | 06 | each. |
| 6 | socket chisels, $\frac{1}{2}$ inch..... | 06 | each. |
| 6 | socket chisels, $\frac{3}{4}$ inch..... | 06 | each. |
| 6 | socket chisels, $\frac{1}{2}$ inch..... | 06 | each. |
| 6 | socket chisels, $\frac{3}{8}$ inch..... | 06 | each. |
| 6 | socket chisels, 1 inch..... | 06 | each. |
| 6 | socket chisels, $1\frac{1}{4}$ inch..... | 06 | each. |
| 6 | socket chisels, $1\frac{1}{2}$ inch..... | 06 | each. |
| 12 | firmer chisels, $1\frac{1}{4}$ inch..... | 06 | each. |
| 1 | set brace and bits..... | 5 00 | per set. |
| 6 | large iron braces, without bits..... | 25 | each. |
| 1 | drawing knife..... | 06 | each. |
| 1 | stock knife..... | 06 | each. |
| 4 | hand saws..... | 1 00 | each. |
| 3 | table saws, 20 inches long, $1\frac{1}{2}$ inch at handle, and $\frac{5}{8}$ inch at point..... | 50 | each. |
| 2 | tenon saws, 14 inches long..... | 50 | each. |
| 6 | cross-cut saws, $4\frac{1}{2}$ feet long..... | 25 | each. |
| 1 | cross-cut saw, 5 feet long and 7 inches wide..... | 25 | each. |
| 6 | mill saws, $7\frac{1}{2}$ feet long, Hoe's make... | 1 25 | each. |
| 6 | mill saws, $6\frac{1}{2}$ feet long, Hoe's make... | 1 00 | each. |
| 2 | circular saws, 24 inch..... | 8 00 | each. |
| 2 | circular saws, 26 inch..... | 6 00 | each. |
| 1 | dozen bow saw blades, 20 inch..... | 06 | per dozen. |
| 1 | dozen bow saw blades, 30 inch..... | 06 | per dozen. |

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|----|--|--------|------------|
| 2 | dozen hack saw blades, 12 inch..... | \$3 00 | per dozen. |
| 2 | dozen bead planes, $\frac{3}{8}$ inch, $\frac{1}{16}$ to $\frac{3}{4}$ bits | 2 00 | per dozen. |
| 1 | dozen bead planes, $1\frac{1}{4}$ inch..... | 2 00 | per dozen. |
| 1 | dozen scroll saw blades, assorted, 1 to 1 $\frac{1}{4}$ inch wide, and 22 inches long ... | 6 00 | per dozen. |
| 3 | dozen spokeshave blades, Horton's make | 1 00 | per dozen. |
| 6 | fore plane irons, double, 2 $\frac{1}{4}$ inches wide | 01 | each. |
| 12 | jack plane irons, double, 2 $\frac{1}{2}$ inches wide | 01 | each. |
| 12 | jack plane irons, double, 2 inches wide | 01 | each. |
| 2 | pairs stock shears, No. 1..... | 4 00 | per pair. |
| 2 | pairs stock shears, No. 3..... | 3 00 | per pair. |
| 2 | pairs hand shears, No. 7..... | 4 00 | per pair. |
| 1 | pair compasses, 14 inch..... | 06 | per pair. |
| 12 | pairs compasses, 12 and 6 inch..... | 06 | per pair. |
| 3 | pairs flat plyers, Stubbs's.. | 06 | per pair. |
| 3 | pairs round plyers, Stubbs's..... | 06 | per pair. |
| 3 | pairs cutting plyers, Stubbs's..... | 06 | per pair. |
| 2 | pairs 12-inch callipers..... | 06 | per pair. |
| 2 | pairs spring callipers..... | 75 | per pair. |
| 1 | set tinner's hand tools..... | 1 00 | per set. |
| 1 | set coppersmiths' heads..... | 06 | per set. |
| 1 | set tea-kettle heads..... | 06 | per set. |
| 1 | set turners' tools..... | 10 00 | per set. |
| 1 | set hollow punches..... | 06 | per set. |
| 20 | dozen wire sieves, assorted sizes..... | 25 | per dozen. |
| 2 | dozen blockmakers' gouges, from $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch, Butcher's | 02 | per dozen. |
| 2 | dozen blockmakers' chisels, from $\frac{1}{4}$ to 2 inch, Butcher's..... | 01 | per dozen. |
| 4 | two-foot rules, four fold, best quality.. | 2 00 | each. |
| 12 | steel squares, best quality..... | 1 50 | each. |
| 12 | Ballard's planking jack..... | 25 | each. |
| 24 | screw wrenches, medium sizes, per sample..... | 1 00 | each. |
| 4 | monkey wrenches..... | 5 00 | each. |
| 1 | dozen $\frac{1}{4}$ gimlets | 06 | per dozen. |
| 1 | dozen $\frac{3}{8}$ gimlets | 06 | per dozen. |
| 1 | dozen claw hammers..... | 6 00 | per dozen. |
| 1 | dozen coppering hammers..... | 06 | per dozen. |
| 1 | dozen drawer locks..... | 9 00 | per dozen. |
| 2 | dozen iron cupboard locks..... | 02 | per dozen. |
| 2 | dozen iron drawer locks, 2 $\frac{1}{2}$ inch..... | 06 | per dozen. |
| 1 | dozen brass drawer locks, 2 $\frac{1}{2}$ inch..... | 9 00 | per dozen. |
| 1 | dozen brass cupboard locks, 3 inch.... | 9 00 | per dozen. |
| 1 | dozen iron cupboard locks, 3 $\frac{1}{2}$ inch.... | 02 | per dozen. |
| 1 | dozen iron pad locks, keys to differ.... | 6 00 | per dozen. |
| 12 | pairs brass but hinges, 3 inch | 1 00 | per pair. |
| 12 | pairs brass but hinges, 2 inch..... | 25 | per pair. |
| 2 | gross $\frac{3}{8}$ -inch iron screws, numbers as may be required..... | 50 | per gross. |

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| 3 | gross $\frac{1}{2}$ -inch iron screws, numbers as may be required..... | \$1 50 per gross. |
| 5 | gross $\frac{3}{4}$ -inch iron screws, numbers as may be required..... | 2 00 per gross. |
| 5 | gross 1-inch iron screws, numbers as may be required..... | 3 00 per gross. |
| 5 | gross $1\frac{1}{4}$ -inch iron screws, numbers as may be required..... | 3 50 per gross. |
| 5 | gross $1\frac{1}{2}$ -inch iron screws, numbers as may be required..... | 5 00 per gross. |
| 5 | gross $1\frac{3}{4}$ -inch iron screws, numbers as may be required..... | 1 50 per gross. |
| 3 | gross 2-inch iron screws, numbers as may be required..... | 2 00 per gross. |
| 20,000 | iron tacks, assorted, 4, 6, 8, and 16 oz.. | 25 per thousand. |
| 18 | dozen blacklead crucibles, assorted numbers, quality to be selected..... | 8 00 per dozen. |
| 3 | sets horse-cart wheel boxes, $3\frac{1}{2}$ and $4\frac{1}{2}$ inch..... | 06 per set. |
| 3 | sets ox-cart wheel boxes, $5\frac{1}{2}$ and $6\frac{1}{2}$ inch | 06 per set. |
| 3 | sets carry-log-cart wheel boxes, $5\frac{1}{2}$ and 7 inch..... | 06 per set. |
| 1 | dozen iron clamp screws, per sample.. | 06 per dozen. |
| 2 | dozen bench screws..... | 12 00 per dozen. |
| 12 | club axes, Collins's..... | 1 50 each. |
| 3 | round axes..... | 50 each. |
| 6 | spirit levels, as per sample..... | 1 50 each. |
| 3 | Hindustan oil stones..... | 1 50 each. |

To be delivered as required.

W. A. WHEELER. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 18, Stationery. Miscellaneous.

| | | |
|---------------|---|-------------------|
| $\frac{1}{2}$ | quire cap drawing paper, Whatman's.... | \$0 50 per quire. |
| $\frac{1}{2}$ | quire demy drawing paper, Whatman's, | 75 per quire. |
| 1 | quire medium drawing paper, Whatman's..... | 1 00 per quire. |
| 1 | quire royal drawing paper, Whatman's, | 1 00 per quire. |
| 1 | quire super royal drawing paper, Whatman's..... | 1 25 per quire. |
| 2 | quires Columbia drawing paper, Whatman's..... | 2 00 per quire. |
| 3 | quires imperial drawing paper, Whatman's..... | 2 00 per quire. |
| 2 | quires atlas drawing paper, Whatman's, | 2 50 per quire. |
| 4 | quires double elephant drawing paper, Whatman's | 4 50 per quire. |
| 1 | quire antiquarian drawing paper, Whatman's..... | 12 00 per quire. |
| $\frac{1}{2}$ | quire emperor drawing paper, Whatman's..... | 12 00 per quire. |

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|-------|---|--------------------|
| ½ | quire Uncle Sam drawing paper, Whatman's..... | \$12 00 per quire. |
| 1 | quire double elephant tracing paper, Whatman's..... | 5 00 per quire. |
| 24 | sheets pasteboard..... | 10 per sheet. |
| 192 | yards best quality patent clarified tracing cloth, widest size..... | 35 per yard. |
| 4 | dozen pieces erasive rubber, red, per sample..... | 1 25 per dozen. |
| 1 | pound manufactured India rubber..... | 2 00 per pound. |
| 2 | gross drawing pencils, assorted numbers and marks, and of Faber's best hexagon make, to be selected..... | 7 50 per gross. |
| 1 | gross stenographic writing pencils, best quality..... | 6 00 per gross. |
| 4 | gross Faber's common pencils, Nos. 2, 3, and 4..... | 4 00 per gross. |
| 2 | reams best quality, to be selected, white laid foolscap paper, 8¼ by 13¾ inches, to be cross and marginal ruled, as per sample..... | 5 00 per ream. |
| 12 | reams ruled foolscap paper, common, white and blue laid, as per sample... | 3 00 per ream. |
| 3 | reams ruled letter paper, as per sample | 3 50 per ream. |
| 6 | reams ruled letter paper, as per sample, with printed headings for office, date, &c..... | 5 00 per ream. |
| 4 | reams ruled commercial white paper, as per sample..... | 1 75 per ream. |
| 5 | reams enveloping paper, as per sample | 4 00 per ream. |
| 1½ | ream stout white cartridge paper..... | 5 00 per ream. |
| 1 | ream blotting-paper, as per sample,... | 12 00 per ream. |
| 1 | 10-quire blank-book, as per sample, for time book..... | 10 00 each. |
| 6 | 6-quire blank-books, for semi-monthly reports, &c., as per sample..... | 3 75 each. |
| 6 | 4-quire blank-books, as per sample..... | 1 25 each. |
| 6 | 2-quire blank-books, as per sample..... | 75 each. |
| 1 | gross memorandum books, cross ruled, medium size..... | 15 00 per gross. |
| 1 | dozen pocket diaries..... | 5 00 per dozen. |
| 1 | ream pay rolls, as per sample..... | 15 00 per ream. |
| 1 | ream muster rolls, as per sample..... | 8 00 per ream. |
| 1 | ream blended pay rolls, as per sample.. | 20 00 per ream. |
| 2 | reams distribution rolls, as per sample | 15 00 per ream. |
| 1,000 | quills, best quality..... | 10 00 per M. |
| 8 | gross best quality steel pens, assorted makes, and to be selected..... | 2 00 per gross. |
| 8 | dozen lithographic and mapping pens... | 75 per dozen. |
| 8 | gross pen holders, best quality, assorted | 3 00 per gross. |

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|------------------------------|--|-------------------|
| 3 | dozen bottles black ink, quarts, assorted makes | \$4 00 per dozen. |
| 20 | bottles red ink..... | 25 per bottle. |
| 6 | pounds black sand..... | 25 per pound. |
| 12 | dozen German silver draughting tacks | 30 per dozen. |
| 2 | dozen Windsor & Newton's water colors, assorted, and to be selected..... | 5 00 per dozen. |
| 1 | dozen Windsor & Newton's best brown sable brushes, to be selected..... | 2 50 per dozen. |
| ½ | dozen steel draughting pens, best make, to be selected..... | 5 00 per dozen. |
| 3 | dozen pieces red tape..... | 50 per dozen. |
| 12 | pieces narrow ribbon..... | 25 per piece. |
| 12 | penknives, as per sample..... | 1 50 each. |
| 6 | erasers | 50 each. |
| 4 | pounds gum arabic..... | 50 per pound. |
| 1 | ream requisitions for workmen, as per sample | 10 00 per ream. |
| 1 | dozen requisitions for materials, as per sample..... | 10 00 per ream. |
| 20 | gross large size envelopes..... | 30 per gross. |
| 10 | gross medium envelopes..... | 1 00 per gross. |
| 8 | gross note size envelopes..... | 75 per gross. |
| 1 | pound best sponge, to be selected..... | 2 50 per pound. |
| To be delivered as required. | | |

FRANCIS MILLER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 20, Hay and Straw. Miscellaneous.

| | | |
|------------------------------|--------------------------------------|---------------------|
| 150,000 | pounds best timothy and clover..... | \$0 90 per 100 lbs. |
| 6 | tons wheat straw (2,240 pounds)..... | 15 00 per ton. |
| 3 | tons rye straw (2,240 pounds)..... | 16 00 per ton. |
| To be delivered as required. | | |

JONES & Co. DATE OF CONTRACT, SEPTEMBER 22, 1860.

Class No. 21, Provender. Miscellaneous.

| | | |
|------------------------------|--------------------------|--------------------|
| 4,000 | bushels hominy meal..... | \$0 65 per bushel. |
| 800 | bushels oats..... | 85 per bushel. |
| To be delivered as required. | | |

C. H. WHITEHURST. DATE OF CONTRACT, SEPTEMBER 24, 1860.

Class No. 22, Charcoal. Miscellaneous.

| | | |
|------------------------------|---|---------------------|
| 4,000 | bushels charcoal, best quality, for smith's use | \$0 12½ per bushel. |
| To be delivered as required. | | |

W. D. KENNEDY. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 24, Sperm and Lubricating Oils. Miscellaneous.

| | |
|--|--------------------|
| 700 gallons best winter-strained sperm oil | \$1 65 per gallon. |
| 10 gallons neatsfoot oil..... | 1 00 per gallon. |
| 250 gallons fish oil..... | 30 per gallon. |

To be delivered as required.

ALLYN, ROSE & Co. DATE OF CONTRACT, SEPTEMBER, 20, 1860.

Class No. 26, Augers. Miscellaneous.

| | |
|--|-------------------|
| 1 dozen $\frac{1}{2}$ -inch center bits, with screw and cutter, per sample..... | \$0 12 per dozen. |
| 2 dozen $\frac{3}{8}$ -inch center bits, with screw and cutter, per sample..... | 12 per dozen. |
| 2 dozen $\frac{1}{2}$ -inch center bits, with screw and cutter, per sample..... | 12 per dozen. |
| 3 dozen $\frac{3}{4}$ -inch center bits, with screw and cutter, per sample..... | 12 per dozen. |
| 3 dozen 1-inch center bits, with screw and cutter, per sample..... | 15 per dozen. |
| 3 dozen $1\frac{1}{8}$ -inch center bits, with screw and cutter, per sample..... | 16 per dozen. |
| 2 dozen $1\frac{1}{4}$ -inch center bits, with screw and cutter, per sample..... | 17 per dozen. |
| $\frac{1}{2}$ dozen $1\frac{3}{8}$ -inch center bits, with screw and cutter, per sample..... | 18 per dozen. |
| $\frac{1}{2}$ dozen $1\frac{1}{2}$ -inch center bits, with screw and cutter, per sample..... | 20 per dozen. |
| 1 dozen $\frac{3}{8}$ -inch double hoist augers, Cook's patent..... | 5 00 per dozen. |
| 4 dozen $\frac{1}{2}$ -inch double hoist augers, Cook's patent..... | 6 00 per dozen. |
| 4 dozen $\frac{5}{8}$ -inch double hoist augers, Cook's patent..... | 6 75 per dozen. |
| 1 dozen $\frac{1}{2}$ -inch double hoist augers, Cook's patent..... | 8 50 per dozen. |
| 1 dozen $\frac{3}{4}$ -inch double hoist augers, Cook's patent..... | 9 00 per dozen. |
| 1 dozen $\frac{1}{2}$ -inch double hoist augers, Cook's patent..... | 10 00 per dozen. |
| 1 dozen $\frac{3}{4}$ -inch double hoist augers, Cook's patent..... | 11 00 per dozen. |
| 1 dozen $\frac{1}{2}$ -inch double hoist augers, Cook's patent..... | 12 00 per dozen. |
| 1 dozen $\frac{3}{4}$ -inch double hoist augers, Cook's patent..... | 10 00 per dozen. |
| 1 dozen $\frac{1}{2}$ -inch double hoist augers, Cook's patent..... | 14 00 per dozen. |
| 1 dozen $\frac{3}{4}$ -inch double hoist augers, Cook's patent..... | 10 00 per dozen. |

| | |
|--|--------------------|
| 1 dozen 1-inch double hoist augers, Cook's patent..... | \$15 00 per dozen. |
| $\frac{1}{2}$ dozen $1\frac{1}{8}$ -inch double hoist augers, Cook's patent..... | 16 00 per dozen. |
| 1 dozen $1\frac{1}{4}$ -inch double hoist augers, Cook's patent..... | 18 00 per dozen. |
| 12 dozen augers without screws, from $\frac{3}{8}$ to $1\frac{5}{8}$ -inch..... | 12 per dozen. |
| 6 dozen augers without screws, $\frac{1}{2}$ -inch, L'Hommedieu's | 6 00 per dozen. |
| 5 dozen augers without screws, $1\frac{0}{8}$ -inch, L'Hommedieu's | 6 00 per dozen. |
| 5 dozen augers without screws, $\frac{5}{8}$ -inch, L'Hommedieu's | 9 00 per dozen. |
| 5 dozen augers without screws, $1\frac{1}{8}$ -inch, L'Hommedieu's | 06 per dozen. |
| 4 dozen augers without screws, $1\frac{2}{8}$ -inch, L'Hommedieu's | 06 per dozen. |
| 4 dozen augers without screws, $1\frac{3}{8}$ -inch, D'Hommedieu's | 06 per dozen. |
| 3 dozen augers without screws, $\frac{7}{8}$ -inch, L'Hommedieu's | 06 per dozen. |
| 3 dozen augers without screws, 1-inch, L'Hommedieu's | 06 per dozen. |
| 1 dozen augers without screws, $1\frac{1}{8}$ -inch, L'Hommedieu's | 06 per dozen. |
| To be delivered as required. | |

WALDEN PORTER. DATE OF CONTRACT, SEPTEMBER 27, 1860.

Class No. 27, Anthracite Coal.

280 tons (2,240 lbs.) best anthracite coal, for casting, offices, and naval hospital..... \$4 60 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the government scales. The quantity required for the hospital is to be delivered at the hospital.

Class No. 29, Bituminous Cumberland Coal.

1,925 tons (2,240 lbs.) bituminous Cumberland coal, average size..... \$4 20 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Class No. 30, Semi-bituminous, Broad-top, &c., Coal.

500 tons (2,240 lbs.) broad-top semi-bituminous coal, average size..... \$4 80 per ton.

All the above coal is to be of the best quality of its kind; to be delivered on or before the 1st day of November, 1860. The contractor is to place it in carts provided by the government, and the quantity delivered is to be paid for at the weights of the navy-yard scales.

Schedule of materials required for the United States navy-yard, Pensacola, Florida, (Warrington,) for the year ending June 30, 1861.

GEO. H. ONEAL. DATE OF CONTRACT, OCTOBER 3, 1860.

Class No. 4, Yellow Pine Lumber. Miscellaneous.

| | | | |
|------------------------------|---|---------|-------------|
| 20 | pieces best quality, sawed, 8 by 10 inches, 30 feet long; 20 pieces best quality, sawed, 8 by 8 inches, 25 feet long; 20 pieces best quality, sawed, 4 by 16 inches, 25 feet long; equal 9,334 feet, board measure..... | \$20 00 | per M feet. |
| 20 | pieces best quality, sawed, 4 by 6 inches, 25 feet long; 20 pieces best quality, sawed, 3 by 12 inches, 25 feet long; equal 2,500 feet, board measure..... | 25 00 | per M feet. |
| 800 | feet board measure, sawed, 3 by 8 inches, 22 feet long..... | 25 00 | per M feet. |
| 48,000 | feet board measure, sawed, 3 by 12 inches, 35 feet long..... | 30 00 | per M feet. |
| 2,000 | feet board measure, 2-inch, 12 to 16 inches wide, 20 to 25 feet long..... | 30 00 | per M feet. |
| 7,000 | feet board measure, 1½-inch, 12 to 16 inches wide, 18 to 20 feet long..... | 20 00 | per M feet. |
| 26,000 | feet board measure, 1¼-inch, 12 to 16 inches wide, 18 to 20 feet long..... | 22 00 | per M feet. |
| 15,000 | feet board measure, 1-inch, 12 to 16 inches wide, 18 to 20 feet long..... | 24 00 | per M feet. |
| To be delivered as required. | | | |

JOHN B. TODD. DATE OF CONTRACT, SEPTEMBER 25, 1860.

Class No. 8, Cement. Miscellaneous.

1,500 barrels best quality hydraulic cement. \$1 75 per barrel.

The barrels to be air tight, well lined with paper, each to contain 300 pounds of cement.

To be delivered as required.

Class No. 9, Gravel and Sand. Miscellaneous.

10 barrels best fire clay..... \$2 20 per barrel.

100 barrels best molding sand..... 2 75 per barrel.

To be delivered as required.

Class No. 11, Iron, Iron Nails, and Spikes. Miscellaneous.

| | | | |
|------------------------------|--|------------------|------------|
| 250 | pounds best quality Russia sheet iron. | \$0 14 | per pound. |
| 4,000 | pounds best quality $\frac{1}{8}$ -inch sheet iron.. | 05 | per pound. |
| 3,000 | pounds best quality $\frac{1}{4}$ -inch boiler iron. | 04 $\frac{1}{2}$ | per pound. |
| 250 | pounds best quality boiler tubes, from 6 to 10 feet long | 05 | per pound. |
| 15 | tons (of 2,240 lbs.) best quality rail- road iron, 50 lbs. to the yard | 58 00 | per ton. |
| 600 | pounds best quality railroad spikes, 5 $\frac{1}{2}$ -inch | 05 | per pound. |
| 1,600 | pounds best quality American refined iron; sizes as may be required, from $\frac{1}{4}$ inch to 4 $\frac{1}{4}$ inches wide, and from $\frac{1}{4}$ inch to 2 inches thick..... | 05 | per pound. |
| 1,600 | pounds best quality American refined iron, round and square; sizes as may be required, from $\frac{1}{4}$ inch to 2 $\frac{1}{2}$ inches diameter | 04 $\frac{1}{2}$ | per pound. |
| 1,000 | pounds iron cut nails, 3d to 20d | 04 $\frac{1}{2}$ | per pound. |
| 200 | pounds iron cut spikes, 5 inches long.. | 05 | per pound. |
| 200 | pounds iron cut spikes, 6 inches long.. | 05 $\frac{1}{2}$ | per pound. |
| 1,100 | pounds wrought-iron spikes, 6 to 8 inches long..... | 06 | per pound. |
| 100 | pounds wrought horseshoe nails | 05 | per pound. |
| To be delivered as required. | | | |

COLLINS & Co. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 12, Steel. Miscellaneous.

| | | | |
|------------------------------|--|--------|------------|
| 260 | pounds best quality cast steel, round, square, hexagon, and octagon; sizes as may be required..... | \$0 16 | per pound. |
| 50 | pounds best quality sheer steel, 2 $\frac{1}{2}$ by 2 $\frac{1}{2}$ inch..... | 14 | per pound. |
| To be delivered as required. | | | |

Class No. 13, Pig-Iron. Miscellaneous.

| | | | |
|------------------------------|--|---------|----------|
| 50 tons | best quality pig iron, 2,240 pounds to the ton..... | \$32 40 | per ton. |
| To be delivered as required. | | | |

Class No. 14, Files. Miscellaneous.

| | | | |
|----------|--------------------------------------|--------|------------|
| 10 dozen | 16-inch flat bastard files..... | \$6 00 | per dozen. |
| 6 dozen | 14-inch flat bastard files..... | 5 00 | per dozen. |
| 6 dozen | 12-inch flat bastard files..... | 3 50 | per dozen. |
| 8 dozen | 10-inch flat bastard files..... | 2 75 | per dozen. |
| 6 dozen | 16-inch half-round bastard files.... | 7 00 | per dozen. |
| 4 dozen | 14-inch half-round bastard files.... | 5 50 | per dozen. |
| 4 dozen | 10-inch half-round bastard files.... | 3 00 | per dozen. |

| | |
|--|-------------------|
| 5 dozen 14-inch flat safe-edge bastard files | \$5 00 per dozen. |
| 4 dozen 14-inch flat safe-edge fine cut files | 5 00 per dozen. |
| 3 dozen 10-inch flat safe-edge bastard files | 4 00 per dozen. |
| 4 dozen 12-inch $\frac{1}{2}$ -round fine-cut files..... | 5 00 per dozen. |
| 1 dozen 12-inch $\frac{1}{2}$ -round dead smooth files | 6 00 per dozen. |
| 4 dozen 12-inch $\frac{3}{4}$ square bastard cut files.. | 4 00 per dozen. |
| 6 dozen 12-inch rat-tail bastard cut files.... | 4 00 per dozen. |
| 10 dozen 3 to 6-inch rat-tail files..... | 90 per dozen. |
| 3 dozen 3 to 6-inch flat files..... | 1 00 per dozen. |
| 2 dozen 3 to 6-inch square files..... | 1 00 per dozen. |
| 3 dozen 8-inch cross-cut-saw files..... | 2 00 per dozen. |
| 50 dozen 6-inch cross-cut-saw files..... | 1 00 per dozen. |
| 70 dozen 4 to 6-inch hand-saw files..... | 1 00 per dozen. |
| 33 dozen 6-inch pit-saw files..... | 1 25 per dozen. |
| 6 dozen 8-inch mill-saw files..... | 1 70 per dozen. |
| 1 dozen 14-inch wood rasps..... | 5 00 per dozen. |

The above-described files to be equal in quality to the best English brands, and to be delivered as required.

Class No. 15, Paints, Oils, and Glass. Miscellaneous.

| | |
|--|---------------------|
| 7,000 pounds best quality white lead, ground in oil, in large kegs..... | \$0 07.6 per pound. |
| 9,000 pounds best quality white lead, ground in oil, in large kegs..... | 06.5 per pound. |
| 260 pounds best quality Spanish whiting.... | 03 per pound. |
| 100 pounds best quality red lead.... | 08 per pound. |
| 30 pounds best quality lampblack..... | 06 per pound. |
| 2,000 pounds best quality yellow ochre, genuine | 03 per pound. |
| 20 pounds best quality Turkey umber..... | 10 per pound. |
| 20 pounds best quality sugar of lead..... | 10 per pound. |
| 3 pounds best quality Vandyke brown.... | 10 per pound. |
| 5 pounds best quality Japan drying..... | 1 00 per pound. |
| 30 pounds best quality litharge..... | 08 per pound. |
| 60 pounds best quality black paint..... | 06 per pound. |
| 6 pounds best quality chrome green, dry.. | 20 per pound. |
| 100 pounds best quality white glue..... | 20 per pound. |
| 475 gallons pure linseed oil..... | 64 per gallon. |
| 250 gallons pure spirits of turpentine..... | 40 per gallon. |
| 10 gallons pure alcohol, highest proof..... | 70 per gallon. |
| 5 gallons best quality Demar varnish..... | 1 25 per gallon. |
| 15 gallons best quality copal varnish..... | 1 50 per gallon. |
| 5 gallons best quality Japan varnish..... | 1 00 per gallon. |
| 5 gallons best quality harness varnish.... | 1 00 per gallon. |

To be delivered as required.

Class No. 16, Ship Chandlery. Miscellaneous.

| | |
|---|-------------------|
| 2,000 pounds best fresh and clean-rendered tallow..... | \$0 11 per pound. |
| 12 sides best lacing leather..... | 1 50 each. |

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|-------|---|--------|-------------|
| 8 | sides best pump leather—say 160 lbs. | \$0 34 | per pound. |
| 12 | sides best harness leather—say 260 lbs. | 50 | per pound. |
| 6 | sides best bellows leather—say 150 lbs. | 50 | per pound. |
| 6 | sides best rigging leather—say 150 lbs. | 34 | per pound. |
| 5 | reams best emery paper, assorted..... | 4 00 | per ream. |
| 5 | reams best quality flint paper, assorted | 2 00 | per ream. |
| 30 | pounds best quality emery powder..... | 10 | per pound. |
| 10 | pounds best quality flour of emery..... | 10 | per pound. |
| 5 | grindstones, 4 feet diameter..... | 10 00 | each. |
| 10 | pounds refined borax..... | 20 | per pound. |
| 4 | dozen best blacklead crucibles, Dixon's make, sizes as required..... | 15 00 | per dozen. |
| 4 | coils Manilla hawser, 5½-inch—say 1,000 pounds..... | 08½ | per pound. |
| 2 | coils Manilla hawser, 9-inch—say 700 pounds..... | 08½ | per pound. |
| 3 | coils Manilla rope, 2½-inch—say 300 pounds..... | 08½ | per pound. |
| 500 | pounds best quality block tin..... | 34 | per pound. |
| 1,000 | pounds best quality lead pipe, various sizes..... | 07 | per pound. |
| 50 | pounds best quality spelter solder..... | 30 | per pound. |
| 1,000 | pounds best quality sheet lead..... | 07 | per pound. |
| 25 | pounds best quality sheet brass..... | 29 | per pound. |
| 960 | pounds best quality mineral tar..... | 02 | per pound. |
| 600 | pounds best quality sheet zinc..... | 08 | per pound. |
| 2,400 | pounds best quality asphalt..... | 02 | per pound. |
| 30 | barrels best quality raw tar, 28 gallons to the barrel..... | 3 60 | per barrel. |
| 5 | barrels best quality coal tar, 28 gallons to the barrel..... | 3 00 | per barrel. |
| 30 | barrels best quality pitch, 28 gallons to the barrel..... | 2 90 | per barrel. |
| 30 | barrels best quality rosin, 28 gallons to the barrel..... | 2 80 | per barrel. |
| 4 | barrels best quality rigging tar, 28 gallons to the barrel..... | 3 50 | per barrel. |
| 4 | dozen best quality paint brushes, No. 000000..... | 10 00 | per dozen. |
| 5 | dozen best quality paint brushes, Nos. 5 to 0000..... | 7 00 | per dozen. |
| 2 | dozen best quality sash brushes, Nos. 4 to 7..... | 3 00 | per dozen. |
| 8 | dozen best quality whitewash brushes, short handles..... | 9 00 | per dozen. |
| 3 | dozen best quality tar brushes, long handles..... | 2 50 | per dozen. |
| 1 | dozen best quality horse brushes..... | 3 00 | per dozen. |
| 6 | dozen best quality scrub brushes, hand | 2 00 | per dozen. |
| 1½ | dozen best quality dusting brushes.... | 4 00 | per dozen. |

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| 1 | dozen best quality painters' dusters.... | \$2 00 | per dozen. |
| 8 | dozen best quality ash oars, 14 to 16 feet..... | 6 00 | per dozen. |
| 2 | bolts best quality raven's duck—say 60 yards..... | 20 | per yard. |
| 12 | yards best quality black Italian crape | 40 | per yard. |
| 600 | pounds best quality white chalk..... | 01 | per pound. |
| 10 | pounds best quality pumice stone..... | 10 | per pound. |
| 10 | pounds best quality rotten stone..... | 10 | per pound. |
| 40 | pounds best quality gum shellac..... | 20 | per pound. |
| 40 | yards best quality black cambric..... | 10 | per yard. |
| 40 | yards best quality Osnaburg..... | 15 | per yard. |
| 10 | yards best quality blue broad cloth, 1½ yard wide..... | 2 00 | per yard. |
| 10 | yards best quality worsted damask, 1½ yard wide..... | 70 | per yard. |
| 3,000 | pounds best quality oakum..... | 06.8 | per pound. |
| 2 | best quality double-fold 2-feet ivory rules..... | 50 | each. |
| 6 | best quality double-fold 2-feet box- wood rules..... | 40 | each. |
| 3 | best quality metallic tape lines, 100 feet..... | 4 00 | each. |
| 3 | best quality metallic tape lines, 50 feet..... | 3 00 | each. |
| 2 | gross best quality chalk lines, assorted | 3 00 | per gross. |
| 10 | dozen best quality hickory switch brooms..... | 1 60 | per dozen. |
| 15 | dozen best quality corn brooms..... | 2 00 | per dozen. |
| 4 | dozen best quality ship scrapers..... | 3 00 | per dozen. |
| 6 | boxes best quality pure sperm can- dles—say 200 pounds..... | 36 | per pound. |
| 70 | pounds best quality thrums..... | 30 | per pound. |
| 6 | best quality sewing palms..... | 30 | each. |
| 50 | pounds best quality cotton waste..... | 10 | per pound. |
| 2 | pieces best quality light white duck— say 60 yards..... | 20 | per yard. |
| 6 | pieces best quality bunting, colors as required..... | 5 00 | per piece. |
| 6 | large best quality globe lanterns..... | 5 00 | each. |
| 3 | dozen best quality deck buckets..... | 3 00 | per dozen. |
| 3 | dozen best quality sail needles..... | 25 | per dozen. |
| 2 | dozen best quality roping needles..... | 25 | per dozen. |
| 3 | dozen best quality harness needles..... | 25 | per dozen. |
| 3 | papers best quality sewing needles..... | 06 | per paper. |
| 10 | pounds best quality scupper nails..... | 10 | per pound. |
| 6 | marlin spikes, assorted sizes..... | 50 | each. |
| 2 | office chairs, with revolving seats, cushioned..... | 4 00 | each. |
| 200 | pounds best quality seine twine..... | 30 | per pound. |
| 20 | pounds best quality sewing twine..... | 30 | per pound. |

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| 10 | pounds best quality hemp packing twine | \$0 30 | per pound. |
| 10 | pounds best quality whipping twine .. | 30 | per pound. |
| 10 | pounds best quality cotton twine, hard twisted..... | 30 | per pound. |
| 12 | pounds best quality shoe thread..... | 30 | per pound. |
| 3 | dozen best quality hickory ax handles | 2 00 | per dozen. |
| 200 | pounds best quality brown soap..... | 07 | per pound. |
| 200 | pounds best quality turpentine soap... | 05 | per pound. |
| 50 | pounds best quality old Castile soap... | 12 | per pound. |
| 12 | pounds best quality lamp wick..... | 20 | per pound. |
| 8 | gross boxes best quality friction matches..... | 70 | per gross. |
| 6 | pounds best quality linen thread, assorted colors..... | 50 | per pound. |
| 15 | pounds best quality clarified beeswax | 30 | per pound. |
| 10 | gallons best quality strongest alcohol, in tin cans | 80 | per gallon. |
| 6 | quart bottles best quality spirits of hartshorn..... | 50 | per bottle. |
| 60 | pounds best quality flax seed..... | 05 | per pound. |
| 5 | pounds best quality ground poplar bark | 05 | per pound. |
| 5 | pounds best quality copperas..... | 04 | per pound. |
| 5 | do. do. gum alocs..... | 05 | per pound. |
| 5 | do. do. flour of sulphur... | 06 | per pound. |
| 20 | do. do. Glauber salts..... | 05 | per pound. |
| 5 | do. do. sage | 05 | per pound. |
| 5 | do. do. pure saltpeter.... | 10 | per pound. |
| 5 | do. do. alum | 04 | per pound. |
| 10 | bushels salt, coarse and fine as required..... | 30 | per bushel. |
| 24 | horse collars, sizes as required | 1 50 | each. |
| 12 | dozen harness buckles..... | 30 | per dozen. |
| 2 | dozen harness awls..... | 30 | per dozen. |
| 2 | dozen brad-awls, handled | 30 | per dozen. |
| 6 | sheepskins, dressed..... | 1 00 | each. |

To be delivered as required.

Class No. 17, Hardware. Miscellaneous.

| | | | |
|---|--|--------|------------|
| 2 | dozen best quality brass sideboard locks | \$4 00 | per dozen. |
| 2 | dozen best quality brass drawer locks.. | 3 00 | per dozen. |
| 1 | dozen best quality iron drawer locks.. | 3 00 | per dozen. |
| 2 | dozen best quality 4-inch iron cupboard locks, with brass works..... | 5 00 | per dozen. |
| 2 | dozen best quality brass desk locks.... | 4 00 | per dozen. |
| 2 | dozen best quality iron desk locks..... | 3 00 | per dozen. |
| 6 | dozen best quality 6-inch iron knob latches, with brass works..... | 6 00 | per dozen. |
| 6 | dozen best quality 8-inch iron rim knob locks, with brass works..... | 7 00 | per dozen. |

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|-----|--|--------|------------|
| 6 | dozen best quality brass cupboard locks, with brass works..... | \$4 00 | per dozen. |
| 2 | dozen best quality brass padlocks..... | 3 00 | per dozen. |
| 2 | dozen best quality iron padlocks..... | 2 50 | per dozen. |
| 1 | dozen best quality iron chest locks..... | 3 00 | per dozen. |
| 6 | dozen best quality Ames's cast steel shovels, short handles..... | 9 00 | per dozen. |
| 6 | dozen best quality Ames's cast steel shovels, long handles..... | 10 00 | per dozen. |
| 4 | dozen best quality Ames's cast steel spades..... | 9 00 | per dozen. |
| 4 | dozen best quality Ames's cast steel hoes..... | 7 00 | per dozen. |
| 2 | dozen best quality large rakes..... | 4 00 | per dozen. |
| 20 | gross best quality iron screws, $\frac{1}{2}$ inch to 1 inch, as required..... | 50 | per gross. |
| 20 | gross best quality iron screws, $1\frac{1}{4}$ inch to $2\frac{1}{2}$ inch, as required..... | 50 | per gross. |
| 1 | dozen best quality brass but hinges... | 3 00 | per dozen. |
| 24 | pairs best quality parliament but hinges..... | 40 | per pair. |
| 100 | papers best quality iron cut tacks, 2 to 10 oz., as required..... | 09 | per paper. |
| 20 | papers best quality copper cut tacks, $\frac{3}{8}$ to $\frac{7}{8}$ inch, as required..... | 50 | per paper. |
| 300 | pounds best quality sheet zinc..... | 09 | per pound. |
| 12 | dozen best quality Collins's wood axes | 10 00 | per dozen. |
| 2 | dozen best quality monkey wrenches.. | 12 00 | per dozen. |
| 1 | dozen best quality key wrenches..... | 10 00 | per dozen. |
| 1 | dozen best quality small hand vises... | 4 00 | per dozen. |
| 1 | dozen best quality small hand plyers.. | 4 00 | per dozen. |
| 2 | cast iron pots, 8 inches diameter..... | 1 00 | each. |
| 4 | cast iron pitch kettles, each to hold 70 gallons..... | 5 00 | each. |
| 16 | best quality cross-cut saws, 5 feet long | 3 00 | each. |
| 4 | best quality whip saws..... | 1 00 | each. |
| 50 | pounds best quality brass wire, assorted sizes..... | 30 | per pound. |
| 50 | pounds best quality iron wire, assorted sizes..... | 10 | per pound. |
| 20 | pounds best quality copper bell wire.. | 40 | per pound. |
| 12 | best quality door bells, with fixtures.. | 25 | each. |
| 4 | best quality wire sieves, brass wire, assorted..... | 1 00 | each. |
| 3 | dozen best quality brass bib cocks, sizes as required..... | 18 00 | per dozen. |
| 6 | boxes best quality XX sheet tin..... | 12 00 | per box. |
| 150 | fathoms $\frac{7}{8}$ -inch short-linked iron chain, say 8,000 lbs..... | 07 | per pound. |
| 200 | pounds pig zinc..... | 07 | per pound. |

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| 800 | feet 2½ inch gas pipe, with couplings, say 1,000 lbs..... | \$0 08 per pound. |
| 12 | best quality buck saws, with frames complete..... | 50 each. |
| 12 | best quality hack saws, with frames complete..... | 2 00 each. |
| 12 | best quality hack-saw blades, extra, to suit frames..... | 25 each. |
| 5 | dozen best quality coppering hammers | 50 per dozen. |
| 2 | best quality hand shears for cutting copper..... | 1 00 each. |
| 2 | pairs best quality German silver dividers, large size..... | 25 per pair. |
| 6 | best quality saw sets..... | 25 each. |
| 5 | dozen best quality auger bits, for plugging, 300 eighths..... | 05 per eighth. |
| 2 | sets best quality blockmaker's chisels and gouges..... | 4 00 per set. |
| 6 | Ballard's patent jack screws, 3 feet 6 inches to 4 feet long..... | 18 00 each. |
| 6 | Ballard's iron clamp screws, strong... | 50 each. |
| 2 | Gunter's scales..... | 1 00 each. |
| 1 | dozen best quality shoe knives..... | 50 per dozen. |
| 1 | dozen best quality claw hammers..... | 5 00 per dozen. |
| 1 | dozen best quality carpenter's hatchets | 5 00 per dozen. |
| ½ | dozen best quality tack hammers..... | 2 00 per dozen. |
| 1 | dozen best quality curry-combs..... | 3 00 per dozen. |
| 12 | mantel grates, with fire and summer blowers, 24 inches wide..... | 10 00 each. |
| 6 | office coal stoves, with 10 feet of pipe and 2 elbows to each..... | 10 00 each. |

To be delivered as required.

W. A. WHEELER. DATE OF CONTRACT, SEPTEMBER 28, 1860.

Class No. 18, Stationery. Miscellaneous.

(To conform to samples.)

| | | |
|----|---|------------------|
| 16 | reams best quality foolscap paper, ruled like pattern..... | \$4 00 per ream. |
| 8 | reams best quality letter paper, ruled like pattern..... | 4 00 per ream. |
| 6 | reams best quality Congress note paper, ruled like pattern..... | 4 00 per ream. |
| 24 | quires best quality buff envelope paper | 40 per quire. |
| 6 | quires best quality patent white blotting paper..... | 2 00 per quire. |
| 6 | quires best quality red blotting paper. | 50 per quire. |
| 16 | quart bottles Arnold's writing fluid ... | 70 each. |
| 24 | quart bottles best quality black ink.... | 50 each. |
| 30 | pint bottles best quality black ink..... | 30 each. |

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| 20 | small bottles best quality carmine ink | \$0 25 each. |
| 12 | gross Gillott's extra fine barrel steel pens, in boxes of 12 each, and a holder | 2 25 per gross. |
| 4 | gross Perry's elastic steel pens, No. 27 | 1 50 per gross. |
| 6 | dozen best quality lithographic pens for drawing | 75 per dozen. |
| 6 | dozen best quality mapping pens for drawing | 75 per dozen. |
| 24 | dozen A. W. Faber's black lead pencils, No. 2 | 50 per dozen. |
| 6 | dozen A. W. Faber's black lead pencils, Nos. 3 and 4 | 1 00 per dozen. |
| 6 | dozen A. W. Faber's black lead pencils, HHHHHH | 1 00 per dozen. |
| 6 | dozen A. W. Faber's black lead pencils, HHHH | 1 00 per dozen. |
| 4 | dozen A. W. Faber's black lead pencils, HHH | 1 00 per dozen. |
| 3 | dozen A. W. Faber's black lead pencils, HH | 1 00 per dozen. |
| 2 | dozen best quality red and blue lead pencils | 3 00 per dozen. |
| 3 | dozen pieces Green's ink eraser | 2 00 per dozen. |
| 1 | dozen pieces genuine India ink | 6 00 per dozen. |
| 5 | dozen pieces draughtsman's India rubber | 2 00 per dozen. |
| 10 | dozen pieces red linen tape, $\frac{3}{8}$ inch wide | 60 per dozen. |
| 8 | dozen pieces silk taste (or ribbon,) $\frac{3}{8}$ wide, 12 yards long | 2 00 per dozen. |
| 3,000 | best quality buff envelopes, $8\frac{1}{2}$ by $3\frac{1}{4}$ inches | 7 50 per M. |
| 3,000 | best quality buff envelopes, $5\frac{1}{2}$ by $3\frac{1}{4}$ inches | 5 00 per M. |
| 1,000 | best quality white note envelopes | 5 00 per M. |
| 6 | dozen best quality leather-covered memorandum books, sizes as required | 4 00 per dozen. |
| 10 | pounds best quality refined gum arabic | 50 per pound. |
| 2 | pounds best quality pulverized gum arabic | 1 00 per pound. |
| 30 | sheets Whatman's best double elephant drawing paper, 40 by 28 inches | 30 each. |
| 12 | sheets Whatman's best double elephant drawing paper, 50 by 28 inches | 50 each. |
| 30 | sheets Whatman's best antiquarian drawing paper, 52 by 31 inches | 75 each. |
| 70 | yards tracing muslin | 50 per yard. |
| 3 | reams blank requisitions, printed and ruled like patterns | 9 00 per ream. |

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| 2 | reams blank requisitions for workmen, printed and ruled like patterns..... | \$9 00 per ream. |
| 2 | reams blank restorations, printed and ruled like patterns | 9 00 per ream. |
| 3 | reams blank semi-monthly reports, No. 1, printed and ruled like patterns... | 10 00 per ream. |
| 3 | reams blank semi-monthly reports, No. 2, printed and ruled like patterns... | 10 00 per ream. |
| 6 | reams blank daily reports, various styles, printed and ruled like patterns | 9 00 per ream. |
| 2 | reams blank bills, various styles, printed and ruled like patterns | 9 00 per ream. |
| 1 | ream ruled paper, best quality, about 24 by 28 inches..... | 30 00 per ream. |
| 18 | best quality Rodgers & Son's penknives, 4 blades each | 1 50 each. |
| 6 | best quality ivory-handled erasing knives | 75 each. |
| 1 | best quality 10-inch ivory protractor... | 5 00 each. |
| 3 | American Almanacs for 1861..... | 2 00 each. |
| 2 | Nautical Almanacs for 1861..... | 2 00 each. |
| 2 | dozen best quality sable color brushes, assorted sizes..... | 3 00 per dozen. |
| 500 | best quality clarified quills..... | 2 00 per 100. |
| 6 | best quality ivory paper folders..... | 75 each. |
| 6 | best quality half-pint mucilage bottles, with brushes, filled | 1 50 each. |
| 3 | dozen best quality gum-elastic bands, for letter files..... | 2 00 per dozen. |
| 2 | pounds best quality red sealing wax... | 2 00 per ream. |
| 28 | three-quire blank-books, to be ruled as directed | 1 00 each. |
| 28 | four-quire blank-books, to be ruled as directed | 1 50 each. |
| 12 | six-quire, demy size, blank-books, to be ruled, bound, and labeled as directed | 7 00 each. |
| 6 | six-quire, demy size, blank-books, to be printed, ruled, bound, and labeled as directed..... | 9 00 each. |
| 3 | four-quire blank-books, to be ruled and labeled as directed | 3 00 each. |
| 3 | three-quire blank-books, to be ruled and labeled as directed..... | 3 00 each. |
| 1 | ten-quire log book, to be ruled, bound, printed, and labeled as directed | 15 00 each. |
| 6 | best quality parallel rulers | 2 00 each. |
| 10 | best quality boxwood sand boxes | 50 each. |
| 20 | pounds best quality blotting sand | 25 per pound. |

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| 6 | best quality japanned inkstands, large size..... | \$1 00 each. |
| 6 | best quality japanned inkstands, medium size..... | 1 00 each. |
| 1 | ream blank bills of lading, to be printed as directed..... | 10 00 per ream. |
| 4 | self-acting glass inkstands..... | 2 00 each. |
| 6 | books for filing letters, (scrap-book plan,) size and labeled as directed... | 3 00 each. |
| 3 | best quality gold engrossing pens, with handles and morocco cases..... | 5 00 each. |
| 1 | Worcester's Dictionary, latest edition. | 7 50 each. |
| 1 | eyelet-hole punch, with 3 gross eyelets | 5 00 each. |
| 3 | portfolios, large size, sheep bound..... | 2 50 each. |
| 150 | sheets pay roll, ruled and printed as directed..... | 10 each |

To be delivered as required.

GEO. H. ONEAL. DATE OF CONTRACT, OCTOBER 3, 1860.

Class No. 19, Firewood. Miscellaneous.

| | | |
|-----|---|------------------|
| 540 | cords sound pine lightwood, in four feet lengths..... | \$5 00 per cord. |
| 360 | cords hard sound oak wood, in four feet lengths..... | 4 00 per cord. |

To be delivered as required.

BAKER & JENKINS. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 20, Hay and Straw. Miscellaneous.

| | | |
|---------|--|----------------------|
| 112,000 | pounds best quality screw-pressed hay, | \$2. 20 per 100 lbs. |
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To be delivered as required.

Class No. 21, Provender. Miscellaneous.

| | | |
|--------|---------------------------------------|---------------------|
| 72,800 | pounds best quality shelled corn..... | \$2 00 per 100 lbs. |
| 41,600 | pounds best quality oats..... | 2 34 per 100 lbs. |
| 12,000 | pounds best quality bran..... | 1 33 per 100 lbs. |

To be delivered as required.

GEO. H. ONEAL. DATE OF CONTRACT, OCTOBER 3, 1860.

Class No. 22, Charcoal. Miscellaneous.

| | | |
|-----|------------------------------------|--------------------|
| 600 | bushels best quality charcoal..... | \$0 23 per bushel. |
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To be delivered as required.

Class No. 23, Belting, Packing, and Hose. Miscellaneous.

| | | |
|-----|--|-------------------|
| 175 | pounds $\frac{3}{8}$ -inch rubber packing..... | \$0 60 per pound. |
| 100 | pounds $\frac{1}{2}$ -inch rubber packing..... | 60 per pound. |
| 25 | pounds $\frac{1}{4}$ -inch rubber packing..... | 60 per pound. |
| 150 | feet 14-inch leather belting..... | 1 25 per foot. |

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| 75 feet 8-inch 4-ply rubber belting | \$0 60 per foot. |
| 100 feet 6-inch 4-ply rubber belting | 45 per foot. |
| 150 feet 4-inch 4-ply rubber belting | 30 per foot. |
| 150 feet 3-inch 4-ply rubber belting | 30 per foot. |
| 200 feet 2½-inch 4-ply rubber belting..... | 28 per foot. |
| 200 feet 2-inch 4-ply rubber belting..... | 28 per foot. |
| 4 submarine dresses, to fit helmets on hand | 75 00 each. |
| 10 yards India rubber cloth..... | 1 25 per yard. |
| 24 boxes India rubber cement | 80 each. |
| 400 feet ½-inch air hose..... | 60 per foot. |
| 8 chaffing dresses, for submarine armors, | 7 00 each. |
| 48 rubber valves, 2 feet square, and ½ inch thick | 5 00 each. |
| 200 pounds hemp packing..... | 16 per pound. |
| To be delivered as required. | |

JNO. B. TODD. DATE OF CONTRACT, SEPTEMBER 28, 1860.

Class No. 24, Sperm and Lubricating Oils. Miscellaneous.

| | |
|---|--------------------|
| 280 gallons best quality winter-strained sperm oil..... | \$1 40 per gallon. |
| 240 gallons best quality winter-strained lard oil | 1 00 per gallon. |
| 400 gallons best quality machinery oil | 65 per gallon. |
| 15 gallons best quality neatsfoot oil, in tin cans | 1 10 per gallon. |
| 5 gallons best quality olive oil, in tin cans | 2 50 per gallon. |
| To be delivered as required. | |

COLLINS & Co. DATE OF CONTRACT, SEPTEMBER 29, 1860.

Class No. 26, Augers. Miscellaneous.

| | |
|--|--------------------|
| 40 dozen L'Hommedieu's best quality ship augers, from ¾ to 1¼ inch, as required —say 1,500 eighths | \$0 08 per eighth. |
| To be delivered as required. | |

No. 3.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
November 13, 1860.

SIR: I have the honor to transmit herewith estimates of the amounts which it is believed will be necessary to meet the expenditures required for the fiscal year ending June 30, 1862, for ordnance, ordnance equipments and stores, connected with the armament of the Navy; also for hydrographical purposes, purchase of nautical instruments, books, and other objects under the supervision of the Superintendent of the United States Naval Observatory and Hydrographical Office, and for the Naval Academy and Nautical Almanac.

The estimates are less than those for the previous year. The new steam sloops now in commission are armed with heavy ordnance of the Dahlgren pattern, and their capacity to bear this heavy armament, as far as heard from, has been demonstrated by the favorable reports of their commanders.

Estimates for the completion and repairs of magazines, shell-houses, and repairs of buildings for ordnance purposes, have been furnished to the Bureau of Yards and Docks.

Those also for the current expenses of the Naval Academy, and the proposed addition of two civil professors, one for the English and one for the French department, and a small increase of pay to the civil professors, secretary, clerk, and assistant librarian, together with a small appropriation for a building for a lyceum and library, accompany this report. The library is now of great value, and its inconvenient position over the mess hall and kitchen, exposes it to great danger from fire. The judicious recommendation of its able Superintendent ought, in my judgment, to be carried into effect.

The new buildings for the accommodation of professors and naval officers attached to the institution, are near completion.

The frigate *Constitution* is now furnished with every convenience for accommodating the fourth class of acting midshipmen, affording ample quarters and recitation rooms, and combining advantages for instruction in practical seamanship and gunnery never before enjoyed. Experienced and competent officers have been assigned to this ship, and the best results are anticipated from this important adjunct to the Naval Academy.

The recommendations of my predecessor that a screw steamer should be substituted for the present practice-ship, in order that the students should be made practically acquainted with the marine engine, occur to me as worthy the favorable notice of the department.

The annual cruise of the practice-ship has terminated with the advantageous results heretofore experienced in this important branch of naval education. The report of her commander is filled with interesting details.

The removal of the naval monument to the Naval Academy, authorized by Congress, has been successfully accomplished, and it will soon occupy the site selected in the academy grounds.

The ordnance department at the Washington navy-yard, and the

experimental battery connected therewith, have been conducted with eminent success and ability by Commander Dahlgren. Facilities for conducting experiments in muzzle-loading rifled cannon have been afforded by the bureau, from which the best and most intelligent results are anticipated. The work for the experimental battery on the flat opposite the navy-yard, has been commenced, and unless unforeseen obstacles should prevent, will be prosecuted to an early completion.

The introduction of steel-clad frigates into the navies of France and England is a new era in naval warfare, and if prosecuted with success, as now anticipated, (from recent apparently successful experiments in England,) will lead to important changes in the armaments of ships-of-war; their capacity to resist powerful spherical and even rifled projectiles at short distances, is supposed to be clearly demonstrated by experienced judges.

The able report of the Superintendent of the U. S. Naval Observatory is herewith transmitted. A small increase is asked, under the head of contingent expenses, for repairs and a thorough repainting of the buildings, while nothing is asked under the heads of wind and current charts, sailing directions, hydrographical surveys, or astronomical observations. With all the appliances necessary to place this establishment on a footing of equality with the best in the world, and with a competent head to direct the astronomical and hydrographical departments, so as to obtain results in which the naval service and the science of the world are interested, the Superintendent reports that his efforts are rendered almost nugatory, for want of a sufficient number of competent assistants to accomplish his work.

An appropriation of ten thousand dollars was made by the last Congress, through the recommendation of my predecessor, for the purchase of saltpeter, to be kept in reserve for the use of the Navy. Instructions have been given for the purchase of this necessary article, and, when obtained, care will be taken to preserve it from injury.

The usual estimates for the Nautical Almanac and the report of the Superintendent are herewith transmitted.

I beg leave earnestly to recommend to the department the establishment of a gunnery-ship, for the purpose of training officers, gunners, gunners' mates, and, above all, gun captains for the Navy. As far back as 1829, Sir Howard Douglass says, in his work on Naval Gunnery, that "we are right to build large frigates, but we may depend upon it, it is *more* important to consider in time, how they are to be provided, at the beginning of a war, with officers, gunners, and at least a proportion of the seamen trained to warlike practice." The result of this recommendation was the establishment of the Excellent, gunnery-ship, where lieutenants, master gunners, gunners' mates, and gun captains are trained according to the most approved methods in this advanced stage of scientific gunnery. The French soon followed this example, and now have several of these training ships. Latterly, Russia has been added to the list. The ships of these great maritime powers are, therefore, prepared to encounter an enemy with this trained material as soon as they put to sea at the beginning of a cruise; while the crews of our ships are entirely ignorant of their duties, and cannot be taught under a period of three months. All classes of guns used

in our Navy should be placed on board the gunnery ship, and the men taught their use ; and when so trained, should be transferred to newly commissioned ships, in proportions of one to each broadside gun and two to each pivot gun. To the gunnery-ship, also, might be referred all suggested improvements in ordnance, new inventions, modifications and improvements in guns, shot, shells, and gun carriages, and their implements, to be tested by target practice, as now conducted on board the Excellent. The efficiency of rifled cannon could also be thoroughly tried, and proper comparisons made with spherical projectiles. Many details are necessarily omitted in this recommendation ; it is made after mature reflection and conference with able and experienced officers in our Navy. This subject was referred to a board of officers composed of Commodore Morris, as president, Commodores Warrington, Crane, Wadsworth, and Shubrick, members, and a report made, dated May 29, 1845, in which the establishment of a gunnery-ship was strongly recommended, and the details of a plan submitted ; the whole of which, after careful consideration, was approved by the Hon. George Bancroft, Secretary of the Navy, but from some cause unknown never carried into effect.

The objects sought to be obtained from the inspection of our ships after a cruise would seem to be better attained, and productive of greater fairness and uniformity, by causing the inspections to be made by the Inspector of Ordnance and his assistants, both before and after a cruise. The present system is defective, because it passes into so many different hands. The uniformity to be attained by the inspector and his assistants, I am persuaded, would give greater satisfaction and secure greater efficiency. I recommend that these inspections be placed under the direction of the bureau, subject of course to the supervision of the department.

My recent inspections of the magazines and ordnance departments in the navy-yards at Portsmouth, Boston, New York, Philadelphia, and Norfolk, have been productive of good results ; and it gives me pleasure to report the good order and efficiency of these establishments, and the intelligence and industry of the officers in charge of them.

I have the honor to be, sir, with great respect, your obedient servant,

G. A. MAGRUDER,
Chief of the Bureau.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

Abstract or Compendium of Annual Report from the Bureau of Ordnance and Hydrography, dated November 13, 1860.

Forwards estimates for Ordnance, &c., for Hydrographical purposes, and U. S. Naval Observatory, for the Naval Academy and Nautical Almanac.

Estimates less than those for the previous year.

Commanders of new steam sloops report favorably as to their capacity to bear their heavy armament.

Estimates for completion and repairs of magazines, &c.; disposition of.

Estimates from Naval Academy propose additional professors, &c.

Buildings for officers, &c., attached to Naval Academy, near completion.

A screw steamer recommended in place of present practice-ship.

Naval monument removed to grounds of Naval Academy.

Ordnance Department of the Washington navy-yard, and the ability with which it is conducted noted.

Introduction of steel-clad frigates in foreign navies, and changes they may cause in naval warfare referred to.

Report of Superintendent of U. S. Naval Observatory; operations delayed for want of sufficient number of competent assistants.

Purchase of saltpeter; future care of, &c.

Establishment of a gunnery-ship earnestly recommended, with notice of benefits likely to be derived therefrom.

Inspection of ships before and after cruises; change in the manner of, suggested, and the advantages likely to be secured noticed.

Magazines and ordnance departments at navy-yards inspected; their good order and efficiency noted, &c.

Estimate of appropriations under the cognizance of the Bureau of Ordnance and Hydrography, Navy Department, required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the fiscal year ending June 30, 1861. |
|--|---|---|--|
| For pay and contingent expenses of the bureau..... | \$13,090 00 | There will be no "balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year." | \$13,090 00 |
| For pay of the navy..... | 274,959 00 | | 204,286 58 |
| For ordnance and ordnance stores | 327,500 00 | | *348,000 00 |
| For the purchase of nautical instruments | 20,000 00 | | 25,000 00 |
| For contingent expenses and wages at the United States Naval Observatory | 9,000 00 | | 9,000 00 |
| For Naval Academy | 49,567 25 | | 57,096 00 |
| For Nautical Almanac..... | 25,880 00 | 25,880 00 | |
| | 719,996 25 | | 682,352 58 |

BUREAU OF ORDNANCE AND HYDROGRAPHY, October 4, 1860.

G. A. MAGRUDER, *Chief of the Bureau.*

*Including appropriation of \$10,000 for saltpeter.

Summary of the estimates from the Bureau of Ordnance and Hydrography, for the fiscal year ending June 30, 1862.

| For what objects. | Amount estimated for year ending June 30, 1862. | Amount appropriated for year ending June 30, 1861. |
|---|---|--|
| A. For pay and contingent expenses of the bureau..... | \$13,090 00 | \$13,090 00 |
| B. For pay of officers on ordnance duty..... | 35,050 00 | 20,300 00 |
| C. For ordnance and ordnance stores..... | 327,500 00 | *348,000 00 |
| F. For the purchase of articles and incidental expenses connected with the Naval Observatory and Hydrographical Office..... | 29,000 00 | 34,000 00 |
| G. For the pay of superintendent and officers on duty at the Naval Observatory and Hydrographical Office... | 27,250 00 | 31,000 00 |
| H. For the erection, repair, &c., of buildings, and for contingent expenses at the Naval Academy..... | 49,567 25 | 57,096 00 |
| I. For the pay of officers, &c., at the Naval Academy..... | 212,659 00 | 152,986 58 |
| J. For Nautical Almanac..... | 25,880 00 | 25,880 00 |
| | 719,996 25 | 682,352 58 |

* Including appropriation of \$10,000 for saltpeter.

D. Statement of value of stores on hand, and values received and expended, from July 1, 1859, to June 30, 1860.

E. Statement of amount and cost of labor from July 1, 1859, to June 30, 1860.

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

A.

Estimate of the amount required for the support of the Bureau of Ordnance and Hydrography, for the year ending June 30, 1862.

| | |
|---|---------------|
| For salary of chief of the bureau, per act of August 31, 1842, volume 5, section 3, page 579..... | \$3,500 |
| For salary of one fourth class clerk, per act of March 3, 1853, pamphlet edition of Laws, section 3, page 211... | 1,800 |
| For salary of four second class clerks, including draughtsman, per act of March 3, 1853, pamphlet edition of Laws, section 3, page 211, and act of April 22, 1854, pamphlet edition, page 276 | 5,600 |
| For salary of messenger, per act of August 31, 1842, volume 5, section 6, page 580, and acts of April 22 and August 4, 1854, pamphlet edition of Laws, and joint resolution of August 18, 1856..... | 840 |
| For wages of one laborer, per joint resolution of August 18, 1856, pamphlet edition of Laws, page 145..... | 600 |
| | <u>12,340</u> |
| Appropriated for year ending June 30, 1861..... | <u>12,340</u> |

Contingent expenses.

| | |
|---|-------------|
| For blank-books, stationery, and for miscellaneous items... | \$750 |
| Appropriated for year ending June 30, 1861..... | 750 |
| | <hr/> <hr/> |

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

B.

Estimate of pay required for officers proposed to be employed on ordnance duty, for the year ending June 30, 1862.

| | |
|---|-------------|
| One captain, as inspector..... | \$3,600 |
| One commander, as assistant inspector, charged with experiments in gunnery at the Washington navy-yard... | 4,200 |
| Five commanders, as assistant inspectors, at \$2,825..... | 14,125 |
| Seven lieutenants, as assistant inspectors, at \$1,875..... | 13,125 |
| | <hr/> |
| | 35,050 |
| Amount appropriated for year ending June 30, 1861..... | 20,300 |
| | <hr/> |
| | *14,750 |
| | <hr/> <hr/> |

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

C.

Estimate of the amounts that will probably be required for ordnance and ordnance stores, for labor, and for contingent expenses, for the year ending June 30, 1862.

| | |
|--|----------|
| For cannon..... | \$30,000 |
| For gun-carriages, rope, blocks, &c..... | 30,000 |
| For shells and grapeshot..... | 50,000 |
| For boat and field guns..... | 17,500 |

* This difference is caused by the employment of five commanders and seven lieutenants, instead of ten lieutenants, as estimated for previously, and by the increased pay allowed by act of June 1, 1860. (See pages 24 and 27, sections 1 and 2, pamphlet edition of Laws.)

| | |
|---|----------|
| For laboratory stores, powder tanks, sights, locks, elevating screws, and all articles of equipment for guns and howitzers..... | \$60,000 |
| For purchase of gunpowder. | 40,000 |
| For purchase of saltpeter..... | 10,000 |
| For labor at navy-yards, besides that included above in cost of articles | 70,000 |
| For freight and transportation, printing, and contingent expenses of all kinds, for ordnance purposes..... | 20,000 |
| | 327,500 |
| | 327,500 |

Amount appropriated for year ending June 30, 1861, including \$10,000 for purchase of saltpeter..... \$348,000

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

D.

Statement of cost or estimated value of stores on hand at the several navy-yards July 1, 1859; of articles received and expended from June 30, 1859, to June 30, 1860; and of those remaining on hand July 1, 1860, which are under the direction of the Bureau of Ordnance and Hydrography.

| Navy-yards. | On hand July 1, 1859. | Receipts. | Expenditures. | On hand July 1, 1860. |
|-------------------|--------------------------|-------------|---------------|--------------------------|
| Portsmouth..... | \$235,808 57 | \$67,460 02 | \$32,539 07 | \$270,729 52 |
| Boston..... | 542,176 23 | 183,562 57 | 115,917 82 | 609,820 98 |
| New York..... | 735,157 40 | 222,082 29 | 254,411 81 | 702,827 88 |
| Philadelphia..... | 56,629 26 | 70,718 90 | 47,162 43 | 80,185 73 |
| Washington..... | 174,464 22 | 165,064 00 | 154,495 00 | 185,033 22 |
| Norfolk..... | 548,798 08 | 193,196 97½ | 87,369 12 | 654,525 93½ |
| Pensacola..... | 102,834 31½ | 1,786 94 | 1,360 21 | 103,261 04½ |
| *Mare Island..... | ..... | ..... | ..... | ..... |
| On the Lakes..... | 38,746 48 | ..... | ..... | 38,746 48 |
| | 2,434,614 55½ | 903,871 69½ | 693,255 46 | 2,645,230 79 |

* No returns from Mare Island.

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

E.

Statement of the number of days' labor, and cost thereof, from July 1, 1859, to July 1, 1860, at the respective navy-yards, chargeable to the Bureau of Ordnance and Hydrography.

| Navy-yards. | No. of days' labor. | Cost of labor. | Average per day. |
|-------------------|---------------------|----------------|------------------|
| Portsmouth..... | 7,033½ | \$13,188 36 | \$1 87 |
| Boston..... | 7,664 | 12,378 83 | 1 86 |
| New York..... | 9,347 | 15,113 09 | 1 62 |
| Philadelphia..... | 5,148½ | 10,254 13 | 1 90 |
| Washington..... | 27,595 | 65,129 00 | 1 70 |
| Norfolk..... | 17,694 | 31,920 86 | 1 80 |
| Pensacola..... | 199 | 348 24 | 1 75 |
| Mare Island..... | 220½ | 562 75 | 2 55 |
| | 83,901½ | 148,895 26 | 1 77 |

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

UNITED STATES NAVY OBSERVATORY, &c.,
Washington, August 7, 1860.

SIR: In obedience to the command of the bureau, I have the honor to submit herewith estimates, marked F, for the support of this office for the year ending June 30, 1862.

It may be observed that the estimates for contingent expenses, &c., are \$1,500 larger than they were last year. This is on account of more extensive repairs than usual which are required for the inclosures, for a new foot floor to the top of the observatory, and for the thorough repainting of the buildings, inside and out.

Nothing is asked under the head of "wind and current charts," or for "printing and publishing sailing directions, hydrographical surveys, and astronomical observations."

The astronomical force, as well as the force for the construction of charts, has within the last few years been so reduced, that the sums appropriated under these heads could not be used. They have so accumulated that the unexpended balances are sufficient to meet all the probable demands under these two heads for the current and next fiscal years.

The work, particularly the astronomical and parts of the hydrographical, for which these appropriations were made, has greatly fallen in arrears, simply for the want of force to get it ready for the press. I recommend that authority be given to use a portion of these unexpended balances for preparing this work for publication, as well as for printing and publishing it.

The organization of this establishment, both as a hydrographical office and an astronomical observatory, is most defective. It should by all means be placed upon a footing that will enable it to vie in usefulness and renown with like establishments in other parts of the world. So to place it requires but little cost of time and money.

How defective its organization necessarily is, may be inferred from the fact that though a hydrographical office, it is furnished with neither a chartographer nor a draughtsman. As an observatory, it is, so far as instrumental equipments are concerned, one of the finest in the world; but it lacks force to use these instruments, and is without the power of reduction for publication.

The observatory has been in operation fifteen years. The experience acquired during this time concerning its management, its defects, and its wants, enables me to speak with some confidence concerning a more effective organization of it. At any rate, the following account of it, though brief, will enable you the better to understand its actual condition and present wants, both as an observatory and as an hydrographical office of the Navy.

When it was first established, the idea was that the observers and chartographers could be supplied from among the lieutenants, masters, and passed midshipmen of the Navy; that the exigences of the service would at all times, except perhaps in war, admit of the selection from these grades of officers whose tastes and accomplishments gave them a special fitness for the duties to be required of them; that then, by allowing them to remain here long enough after they had learned their new duties to give the office the benefit of their training, an effective and efficient corps of practical astronomers and hydrographers would at all times be employed here, and that the knowledge and practical skill carried hence into the service would react most beneficially upon the whole Navy.

The professors of mathematics were to constitute mainly the computing force.

Such was the plan at first. In conformity with it, the observatory was got under way; and although not one of the officers at first selected for it had ever seen instruments of the kind before, or professed the least practical acquaintance with the details of an observatory, nevertheless the plan worked famously, and, in the opinion of the most distinguished astronomers of Europe, the first volume of observations published by this observatory placed it at once in the front ranks of such institutions.

But this plan has gradually fallen into disuse. The superintendent has ceased to have a voice in the selection of officers to assist him. The number allowed has been gradually on the decrease. The time for which, when ordered, they are to remain, is uncertain; it may be a year or more, or it may only be a few months or weeks. But whether the detail is to be for long or short, the superintendent has no information as to its length; and thus by the time an officer has learned how to observe, or to construct charts, even if he chance to have a taste for either, it often happens that he is called away on other duty, and another with as little knowledge of the duties, or aptitude for them, comes in his place.

It does not require any lights from experience to show that an observatory so organized has before it the work of Sisyphus.

For these and other causes, the employment of regular Navy officers as astronomical observers has become simply impracticable, if not impossible. We have thus been left to rely chiefly upon the corps of professors of mathematics in the Navy, who, together with the assistant observer, constitute the present observing force of the establishment. Of these there have been employed, all told, since the beginning, fifteen. Of these fifteen, two are dead; three have been disabled, either by loss of health or impaired vision; four have resigned; and two have been ordered away on other duty; so that with six fine instruments, requiring each two persons to serve them effectively, the observatory finds itself with but four officers fit as to bodily condition for the duties of an astronomical establishment. The instruments are rusting for the want of force to use them.

By an order of the Secretary of the Navy, dated March 6, 1846, I am commanded to make a catalogue of all the stars within the compass of the instruments. This, after what may be called the current observations which are required by the exigences of the moment, has been made the especial object of this observatory; and though the places of nearly 100,000 stars have been observed under this order, the observatory has found itself in such a crippled condition, with its reduced force, that it has not been practicable to commence the publication of this catalogue. These observations are valuable. Their publication would be hailed with satisfaction by astronomers everywhere; but for the lack of computing force, they have not ceased to encumber our shelves.

However superbly equipped with instruments an observatory may be, it is needless to expect from it magnificent contributions to astronomy unless there be not only eyes to observe, but power to treat observations after the instruments have performed their office.

The impression seems to be not uncommon in this country, that when an observatory has been built and furnished with instruments, its objects are in a great measure accomplished. So far from this, the astronomer is just then ready to begin. In astronomy, an observation that is made and not published, is regarded with as little favor as an idle instrument.

Attention has been frequently called to this subject. It is deserving of consideration. The remedies are simple and of easy application. I do most respectfully and earnestly invoke such action by the department, and such legislation by Congress, as may be necessary to give full employment to the instruments and a becoming expression to the powers of this observatory.

The hydrographical department is even in a worse state as to organization. There is not, nor has there been, attached to this office for several years a single person who had any experience, skill, or aptitude in the construction of charts. For the want of chartographers to lay down shore lines, the construction of series A of the Wind and Current Charts has been suspended for years.

When the Bureau of Ordnance and Hydrography was established it is presumed that the design was to systemize, simplify, and bring under

one management all the hydrographical operations of the Navy. The experience of the oldest nations had taught the advantages of this. But has this been done? So far from it, the practice has continued to be as it was done before. The act for reorganizing the Navy Department was passed in 1842. On the return since that date of every surveying expedition sent out under the orders of the Navy-Department it has been the practice to establish a special bureau, so to speak, for bringing out its work. For this, apartments have generally to be hired, draughtsmen employed, and a special organization ordained; all costing much more than it would cost to have the same work done at the hydrographical office proper, where apartments, furniture, materials, fuel, lights, and attendance are already provided. All of these are here, except merely the force required for the construction of the charts, and that force would cost no more here than it does for these separate establishments.

As one of the results of so many hydrographical centers in the Navy, it has several times occurred that this office has had to send abroad and purchase from the hydrographical office of a foreign government the results of our own surveys, and this, too, not only after our own government had gone to the expense of equipping and sending out the expedition, but had incurred the expense of publication also.

It is not too much to say that, with a properly organized hydrographical bureau, all the charts which have been issued by our various naval expeditions could have been constructed and published at a cost greatly below actual figures.

When a surveying expedition returns its work should be referred to a hydrographical commission, to consist of the Chief of the Bureau of Ordnance and Hydrography, the commander of the expedition, the Superintendent of the Observatory, and the secretary of the Light-house Board, or other officers, to say what charts ought to be published. Then, if these and these alone were uttered by the office, it is plain that the interests both of commerce and navigation would be subserved, while the demands upon the Treasury would be lessened in many ways and to a large extent.

I ask for authority to employ a chartographer until a proper plan for a more effective organization shall be adopted. If required, it would give me great pleasure to submit the details of such a plan.

The corps of astronomers is, as I have remarked, made up chiefly from that of the professors of mathematics of the Navy. Appointments are made into this corps without any examination whatever as to qualifications; and, in detailing officers from it for duty at the observatory, the rule seems to be to take them as they can be spared from other duty; and, though they be never so willing to lay hold, learn, and be useful, yet it would be surprising if in every instance, under such a rule, the right man should be found in the right place. The efficiency of this very valuable and important corps would be increased, and the public services benefited, if a small corps of assistant professors, consisting of not less than eight, were established under such regulations

that would insure the appointment to it of none but young men of the very highest qualifications and finest promise.

All of which is respectfully submitted,

M. F. MAURY,
Superintendent.

Captain D. N. INGRAHAM,
Chief of the Bureau of Ordnance and Hydrography.

F.

Estimate of the amount required for the support of the United States Naval Observatory and Hydrographical Office, for the fiscal year ending June 30, 1862.

| | |
|--|-------------|
| For the purchase of nautical instruments required for the use of the navy, for repairs of the same, and also of astronomical instruments, and for the purchase of nautical books, maps, and charts, and for backing and binding the same..... | \$20,000 |
| For models, drawings, and copying; for postage, freight, and transportation; for keeping grounds in order, and for all other contingent expenses; and for the wages of persons employed at the United States Naval Observatory and Hydrographical Office, viz: one instrument maker, two watchmen, and one porter..... | 9,000 |
| | <hr/> |
| | 29,000 |
| | <hr/> <hr/> |
| Amount appropriated for the year ending June 30, 1861... | \$34,000 |

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

G.

Estimate of the amount required for the pay of officers and others proposed for duty at the United States Naval Observatory and Hydrographical Office, for the fiscal year ending June 30, 1862, chargeable to the appropriation for "Pay of the Navy."

| | |
|--|------------|
| One commander, as superintendent..... | \$3,000 00 |
| Six lieutenants, at \$1,875 each..... | 11,250 00 |
| Five professors of mathematics, at \$1,800 each..... | 9,000 00 |
| One assistant observer, (civil) | 2,500 00 |
| One clerk, (civil)..... | 1,500 00 |
| | 27,250 00 |
| | 27,250 00 |

Amount appropriated for year ending June 30, 1861\$31,000 00

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

H.

Estimate of the amount required for the pay of officers and others proposed for duty at the United States Naval Academy, for the fiscal year ending June 30, 1862, chargeable to the appropriation for "Pay for the Navy."

| | |
|--|------------|
| One superintendent, (captain)..... | \$3,600 00 |
| One commandant of midshipmen, (commander)..... | 2,825 00 |
| Five assistants for commandant of midshipmen, to aid in instructing in seamanship, naval tactics, practical gunnery, and for police duties, (lieutenants.) | 8,825 00 |
| One professor of astronomy..... | 1,800 00 |
| One assistant professor of astronomy, (lieutenant)..... | 1,700 00 |
| One professor of mathematics..... | 1,800 00 |
| Two assistant professors of mathematics, (professors)..... | 3,600 00 |
| Two assistant professors of mathematics, (lieutenants).... | 3,200 00 |
| One professor of artillery and infantry tactics..... | 1,800 00 |
| One professor of nautical and experimental philosophy.... | 1,800 00 |
| One assistant professor, (civil) | 1,400 00 |
| One professor of ethics and English studies..... | 1,800 00 |
| One assistant professor, (lieutenant)..... | 1,500 00 |
| Three assistant professors, at \$1,400 each, (civil)..... | 4,200 00 |
| One professor of French..... | 1,800 00 |
| Two assistant professors, at \$1,400 each, (civil)..... | 2,800 00 |
| One professor of Spanish..... | 1,800 00 |

| | |
|---|------------|
| One professor of drawing..... | 1,800 00 |
| One teacher of the art of defense..... | 700 00 |
| One surgeon..... | 2,200 00 |
| One chaplain..... | 1,700 00 |
| One secretary..... | 1,600 00 |
| One clerk to superintendent..... | 960 00 |
| One clerk to paymaster..... | 500 00 |
| Three hundred acting midshipmen as students, at \$500 each..... | 150,000 00 |
| One gunner's mate..... | 372 00 |
| One hospital steward..... | 360 00 |
| One quarter gunner..... | 312 00 |
| One coxswain to attend boats..... | 288 00 |
| One steward to acting midshipmen's mess..... | 288 00 |
| One cook for acting midshipmen's mess..... | 216 00 |
| Two seamen, one to assist as gunner's mate, and the other to keep mechanics time and attend to police duties..... | 576 00 |
| One ordinary seaman, attendant at hospital..... | 193 00 |
| One master of the band..... | 312 00 |
| Eight musicians of the first class..... | 2,016 00 |
| Seven musicians of the second class..... | \$1,512 00 |
| One drummer and one fifer, musicians of the first class.... | 504 00 |

212,659 00

Amount appropriated for the year ending June 30, 1861... 152,986 58

Excess..... 59,672 42

Excess..... \$59,672 42

Difference reconciled as follows :

| | |
|--|------------|
| Increase of pay to commissioned officers, per act of June, 1, 1860..... | \$8,300 00 |
| Increase of pay to 300 acting midshipmen, \$150 each, per act of June 1, 1860..... | 45,000 00 |
| Proposed increase to four civil professors, \$300 each..... | 1,200 00 |
| Proposed increase to four assistant civil professors, \$400 each..... | 1,600 00 |
| Proposed addition of two assistant civil professors, \$1,400 each..... | 2,800 00 |
| Proposed increase of pay to secretary and clerk, (\$350 to former and \$260 to latter).. | 610 00 |
| Proposed addition of four men to band..... | 936 00 |
| Proposed increase of pay to drummer and fifer..... | 72 00 |
| | <hr/> |
| | 60,518 00 |

| | | |
|---|---------------|-------------------------|
| Brought forward..... | 60,518 00 | |
| Deduct for less pay to surgeon..... | \$50 00 | |
| Deduct for carpenter (not estimated for)..... | 795 58 | |
| | <u>845 58</u> | |
| | | <u><u>59,672 42</u></u> |

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDINANCE AND HYDROGRAPHY,
October 4, 1860.

I.

Estimate of the amount required for the erection and repairs of buildings, for improvement and preservation of the grounds, and for contingencies, at the United States Naval Academy, for the fiscal year ending June 30, 1862.

| | |
|---|-------------------------|
| For a substantial stone and brick building, for library and lyceum..... | \$14,000 00 |
| For a new boiler for steam works..... | 1,500 00 |
| For 3,000 feet of stone coping for wall inclosing academy grounds..... | 1,500 00 |
| For curbstone and pavement to western road..... | 550 00 |
| For an additional wing to boat-house..... | 800 00 |
| For terra cotta drain-pipe..... | 900 00 |
| For repairs of all kinds..... | 7,000 00 |
| | <u><u>26,250 00</u></u> |

For the wages of the following persons :

| | |
|--|----------|
| One assistant librarian..... | \$960 00 |
| Eight watchmen: one at \$1 62 per day, and seven at \$1 37½ per day, each..... | 4,116 00 |
| One messenger..... | 312 00 |
| One attendant at recitation hall, at \$18 per month..... | 216 00 |
| One attendant at laboratory, at \$18 per month..... | \$216 00 |
| One attendant at library, observatory, and chapel, at \$18 per month..... | 216 00 |
| One foreman, to attend gas and steam heating apparatus, at \$2 50 per day..... | 912 50 |
| Two attendants at gas apparatus, at \$1 25 per day..... | 912 50 |
| Two attendants at steam apparatus, at \$1 25 per day..... | 912 50 |
| One mechanic at workshop, at \$1 75 per day..... | 638 75 |
| One general laborer, to keep public grounds in order..... | 500 00 |

| | |
|---|-------------|
| One cartman, to drive and attend to horse and cart, at \$1 per day | 365 00 |
| Ten laborers, to keep in order and attend students' quarters and public grounds, at \$10 per month, each..... | 1,640 00 |
| | <hr/> |
| | 11,917 25 |
| | <hr/> <hr/> |

The excess of this estimate over that of last year (\$353 25) is caused by the addition of \$260 to the pay of the assistant librarian and \$93 25 to the pay of the superintendent of gas and steam works, making his pay \$2 50 per day instead of \$2 25.

CONTINGENT EXPENSES.

| | |
|---|-------------|
| For materials for heating and lighting the establishment.. | \$4,500 00 |
| For the purchase of books for library | 2,000 00 |
| For stationery, blank-books, and forms..... | 500 00 |
| For furniture and fixtures for public buildings | 2,000 00 |
| For incidental expenses in the astronomical and philosophical departments..... | 400 00 |
| For all other incidental expenses | 1,000 00 |
| For current repairs, and for expenses of heating and lighting the school-ship | 1,000 00 |
| | <hr/> |
| | 11,400 00 |
| | <hr/> <hr/> |

The excess of this estimate over that of last year (\$1,550) is caused by the addition of \$550 to the item for fuel, and the additional item of \$1,000 for heating and lighting the school-ship.

| | |
|---|-------------|
| Amount required for Naval Academy for the year ending June 30, 1862 | \$49,567 25 |
| | <hr/> <hr/> |

| | |
|--|-------------|
| Amount appropriated for the year ending June 30, 1861... | \$57,096 00 |
|--|-------------|

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

CAMBRIDGE, MASSACHUSETTS,
November 20, 1860.

SIR: I have the honor to submit the following report of the progress and condition of the American Ephemeris and Nautical Almanac during the past year.

In consequence of the loss of the appropriation for the fiscal year 1859-60, my predecessor presented to the department a plan for reducing the work of the office, which would keep the expenditures within the amount of funds on hand. This plan of reduction included an omission or delay of a portion of the large volume for the year 1862, some parts of which it is not necessary to publish so far in advance as those tables which are used by the navigator.

Accordingly, when I resumed the charge of the office, I found that several parts of the work were omitted or postponed; that printing had been arrested or delayed, and the number and efficiency of the corps of computers diminished.

As soon, however, as the small appropriation in the deficiency bill was made, the printing of the large volume for 1862 was recommenced.

Previously, however, to this the small volume for 1862 had been placed in the market, and about one thousand copies of it have been sold up to this date. Before this report reaches the bureau the large volume for 1862 will be ready for distribution.

As soon as the usual appropriation for the Nautical Almanac in the Navy appropriation bill was passed, the regular work of the office was resumed with more than common activity, and permission was obtained from the bureau to put extra and special work upon the volumes for 1863 and 1864.

I am now hurrying the volume for 1863 through the press with all the speed consistent with accuracy. Very few of its calculations remain to be completed; and of these few, all will be done before the printer can dispose of the copy already given in.

I shall spare no exertion to carry this volume through in time to maintain for the Almanac that leading place to which it can now fairly lay claim in the American market.

Considerable progress has been made in the computations of the Almanac for 1864; the greater portion of the moon's ephemeris for that year is wholly or nearly completed. I am in hopes before another year has elapsed to make up for the time unavoidably lost during the preceding year.

The plan of reduction, consequent upon the loss of appropriation, embraced the work upon the asteroids, which was entirely suspended for more than a year. Among the assistants who were dropped at that time was Mr. Schubert, whose labors have always been confined to the minor planets. As soon, however, as our means were renewed, I obtained permission from the bureau to restore him to his former position and salary, and to purchase the valuable results of his year's labors.

In consequence of the rapidity with which the discovery of these new planets is made, I have renounced the idea of publishing their ephemerides separately in the form of a supplement to the regular

volume for the year, as was done by my predecessor with the ephemeris of 1859 to the year 1861. Four of these small bodies were discovered in the month of September; two at Paris, one at Berlin, and one at the Naval Observatory in Washington.

To carry forward the work on any considerable number of the asteroids simultaneously by the method of special perturbations at any one office, would not be convenient on account of the labor and expense. It is to be hoped that, at some future time, a plan for the general distribution and division of this work will be adopted. In the meantime, I think we are doing our share by publishing occasionally the ephemeris of an opposition, determined with extreme care and accuracy; by giving new and improved elements deduced from normal places and rigorously tested by observation, and by printing permanent tables of the perturbations by the large planets of those asteroids which we take in hand as soon as the elements are well enough known to form a suitable basis for such an undertaking.

The publication of the ephemerides and elements here referred to have hitherto been made in the astronomical journal.

Tables of Melpomene, by Mr. Schubert, are now going through the press.

My predecessor, Professor Winlock, when he retired from the office of superintendent, left in my hands a valuable set of tables of the planet Mercury, based upon the theory of M. Le Verrier, which it is my purpose to publish for the use of the office as soon as they shall have received the final improvements and revision of their author.

Mr. Eastwood has performed a meritorious service during the past year by computing tables of the true anomaly and *radius vector* of Mars, together with the secular variations of the equation to the center and of the *radius vector*.

These tables are interpolations; they are carried down to the tenth of a day, contain differences and their logarithms, and derive, therefore, their value from the fact that they diminish in a remarkable manner the labor of computing the annual ephemeris of Mars; at the same time that they increase its accuracy. I am in hopes to be able to publish these tables hereafter.

Mr. Eastwood will undertake similar tables for the planet Venus.

The printing of Professor Pierce's tables of the planet Egeria, commenced by my predecessor and unavoidably laid aside for a time, will be resumed.

Professor Pierce's tables of Astræa are still in course of preparation.

Professor Pierce has also commenced the great work of revising the elements and masses of the larger planets. This will constitute a series of the most important theoretical investigations undertaken by this office. The great deviations of Saturn from the old tables actually in use make it indispensable to commence with the revision of the elements of this planet. For this purpose, it was but justice to Hausen to commence with a comparison of his theory of Saturn with observation, and also with tables of perturbations of Saturn by Jupiter, according to Hausen's formula. It will be necessary, also, to compute the special perturbations of Saturn by Neptune, for the period included between the years 1750 and 1860, in order to complete the theory of Saturn as far as it depends upon Neptune.

The next step will be an independent determination of the mass of Neptune, through the perturbations of Uranus, also computed by special methods. After which, the computation of the special perturbations of Saturn by Uranus, for the same period, will complete the theory of Saturn so far as it depends upon Uranus.

From these investigations, and those which M. LeVerrier has made of the theory of Uranus, together with Professor Pierce's previous investigations upon the mutual perturbations of Uranus and Neptune, it will be possible to form the equations for a more exact determination of the masses and elements of the three outer known planets. It may also be necessary to revise the theory of Jupiter before a perfectly satisfactory solution of the whole problem can be obtained.

With these new and perfect elements of the old planets, we shall be ready to enter upon the subject of their absolute theoretical perturbations, which will furnish us with the basis for new tables, corresponding, it is hoped, to the state of modern astronomical science.

It will not be necessary for me to enter here into the details of the mode in which this work is to be executed; to speak of the number and magnitude of the intervals, or of the different ways in which the special perturbations are to be deduced, whether by the method of direct variation of the rectangular coördinates, or by Hausen's method, or by either of the methods of Enche, or by their selection and combination, as may prove convenient; or, finally, to make particular mention of the tables and formulæ of Kalawski, Airy, LeVerrier, or Pierce, by means of which the heliocentric places of the several planets are to be derived.

Astronomers will recognize this undertaking as possessing the character of an important fundamental investigation.

In the tables of the moon published by this office, we had it in view to meet the most urgent practical wants of the almanac. In the work here contemplated, we aim at rendering a similar service, but one which, because it is not so pressing in its demands, may be executed with deliberation.

On the 5th of January of this year, I had the honor to call the attention of the department to the approaching total eclipse of the 17th of July. On two similar occasions, July 28, 1851, and May 26, 1854, separate charts and elements of important solar eclipses were issued from this office for two objects: 1. To supply the most accurate and convenient means of using these phenomena for the purposes of longitude; and 2, to test the correctness of our lunar tables.

Authority was asked and obtained to render the same service for the total eclipse of this year. A chart with the accompanying tables was published in a pamphlet form, and freely distributed.

As soon as a certain prospect of an improvement in the financial condition of the office offered itself, I requested the department to allow me, in its name, and under its direction, to take a part in the observation of this eclipse, by sending one or more of the assistants of the Nautical Almanac to Fort York, or Cumberland House, British America, on the line of its total and central path.

The principal governments of Europe were engaged in promoting

similar expeditions to those parts of Europe and Africa where the total phase was to be seen. It was in contemplation also, and the design was carried out, to send parties to Washington Territory and the northern part of Labrador, under the direction of Professor Bache, the Superintendent of the Coast Survey.

As soon as I was notified of the liberal compliance of the department with my request, I wrote a letter to his excellency the late Sir George Simpson, governor of the honorable Hudson's Bay Company, asking his assent to my plan, and begging also for information as to the most convenient mode of reaching the company's stations at Cumberland House and Fort York.

Governor Simpson promptly replied "that the company was always desirous of rendering its assistance to any such undertaking as that I had proposed, having for its object the promotion of the interests of science."

I am not only indebted to the late Governor Simpson for his coöperation, but I have also to acknowledge the ready and efficient advice and assistance of Mr. William Macintosh, the Hudson's Bay Company's chief resident agent at Red River, by which the necessary means were obtained for crossing Lake Winnipeg.

The party from this office consisted of Mr. William Ferrel and Mr. Simon Newcomb, left Cambridge on Tuesday, June 11th.

In my instructions to the assistants, I called their special attention to:

First. The bulging protuberances, or rose-colored prominences seen at the time of total obscuration, in order that they might assist, if possible, in determining the question of their origin, and for the purpose of laying down their position approximately, I recommended to them to employ the graduated card of Mr. Dawes.

Second. The use of the polariscope, in the manner recommended by Arago; and

Third. The careful examination, during the period of darkness, of the region bordering on the sun, for the possible discovery of intermercurial planets.

The party left the Red River settlement at Fort Garey, on the 28th of June, in a Hudson's Bay Company's "north canoe," paddled by six natives. Its route was down the Red River of the North, to Lake Winnipeg, through this lake to the Saskatchewan river, and up this river to Cumberland House; the entire distance from Fort Garey about 550 miles. The country through which the route lay was an unsettled and desolate wilderness, principally "tamarac swamp." One or two encampments of migratory Indians, obtaining a miserable subsistence from a few fish, were the only inhabitants met with on the route.

The detentions from storms were frequent, and sometimes long, three consecutive days and nights having been spent on a small island in Lake Winnipeg. In consequence of these delays, the party did not reach the mouth of the Saskatchewan river till July 13. The river was unusually high, and the current swift, on account of which the laborious duty of ascending the rapids, which obstruct navigation at the mouth of the river, occupied the time till the morning of the 15th.

The morning of the 16th found the party on a small island in Cedar lake, 150 miles below Cumberland House, which of course could not be reached in time for the eclipse. But as the southern limit of the eclipse passed near a small body of water designated on Hinds' map as Marshy Lake, distant about fifty miles, the men were persuaded to paddle up the river for thirty-six consecutive hours. The opposing current was swift and the country entirely inundated. The party cooked its meals on snags which had stuck at the sides of the river, and slept in the bottom of the canoe, the men paddling all night.

About sunset on Tuesday a thick grove of tall poplars was found on the west bank of the river, which was here one or two inches above the level of the river. Having no reason to suppose that any more land not submerged would be found for twenty miles, the men being nearly exhausted, the evening rainy, and the position commanding a view of the eastern heavens, it was concluded to attempt to observe the eclipse here. The report of the expedition goes on to say:

Early on the morning of the eclipse, it was still raining, and the river had risen to the level of the soft ground, so that whenever one stood for a few moments, his feet would sink into an inch or two of water. About five o'clock the rain ceased, and as changes of weather are remarkably sudden in this climate, we made preparations to take advantage of any favorable change in the weather. We made a stand for the three-inch telescope, by driving four stakes into the bank of the river, and setting a heavy alcohol box on them.

The heavens were soon covered with two layers of clouds; one of cumulus above, and one of light "scud" beneath. Openings in both of these layers soon became numerous, enabling us to catch occasional glimpses of the sun and note the progress of the eclipse.

As the total phase approached, a dense mass of clouds covered the sun, so that it would evidently be impossible to make observations of the total phase. We therefore stepped into the canoe, with a view of observing any remarkable terrestrial phenomenon that might be exhibited, especially of determining whether any coloration of terrestrial objects, or any predominance of any color or colors of the prismatic spectrum was observable. The phase of darkness, seemed to come on so gradually, and the darkness was so much less intense than we had expected, that the time of its beginning could not be noted. During its continuance the northeastern horizon was free from clouds, with the exception of cirrus; and from this was reflected a considerable quantity of golden yellow light, exactly like that reflected from such clouds after sunset. With this exception no coloration was visible, the general aspect of the clouds and the landscape differed only in degree from that produced by the dense clouds of an approaching thunder storm.

The whole landscape was distinctly visible; as were the clouds. With the exception of the northeast, the whole heaven seemed equally obscured—a fact which we particularly noticed, as being but ten or twelve miles from the southern limit of totality. We had expected that much diffused light would come from the south. Mr. Scudder, who beat time at the chronometer, stated that he could with difficulty observe the seconds during the total phase.

The first flash of returning light was noticed by all as striking our eyes at 20 hours 15 minutes 20 beats, by chronometer, its effect on the eye was strongly felt. Shortly after the end of the total phase, the clouds cleared away, enabling us to observe the time of ending of the eclipse, and to take sextant observations for time and latitude.

The following were the results of the observations with telescope and sextant:

| | o | ' | " |
|-------------------------------------|----|-----------|-----------|
| Latitude of station..... | 53 | 45 | 46 |
| | | <i>h.</i> | <i>m.</i> |
| Chronometer fast of local time..... | 1 | 54 | 14.1 |
| Ending of total eclipse..... | 18 | 20 | 53.9 |
| Last contact..... | 19 | 21 | 9.1 |
| Last contact with large spot..... | 19 | 7 | 29.1 |

On the second of March of this year, I sent to the bureau a financial statement with regard to the British Nautical Almanac, and I take the liberty to repeat a portion of that statement in this report, where it can be referred to conveniently, when the appropriations of the Nautical Almanac are under discussion.

The estimates for the British Nautical Almanac were, for the year—

| | |
|--------------|--------|
| 1854-55..... | £3,050 |
| 1855-56..... | 3,420 |
| 1856-57..... | 3,220 |
| 1857-58..... | 4,170 |
| 1858-59..... | 4,485 |

Thus it appears that the estimate for the fiscal year 1858-59 was about twenty-one thousand dollars.

This estimate does not, however, include all that we embrace in our estimates.

We have, for example, computed and printed our own tables of the moon; the new tables (Hausen's) used by the British Almanac are paid for in another way, and the same is the case with other similar work.

In the report of Mr. Airy, the astronomer royal, at the end of the volume of Greenwich observations for the year 1856, he says, (page 16:) "The British government had, for *some years past*, contributed by pecuniary grants to the preparation of Professor Hausen's lunar tables. In the last winter they undertook the *entire expense* of printing a large impression of the table. The reading of the proof sheets (a very considerable labor) has been effected entirely at the observatory." And again, in his report for 1857, (page 18,) he says: "The lunar reductions which have been some time in hand are now in the following state: The correction of Benckhardt's error of parallax is computed to the end of 1853, (the latest period to which it is required.) The calculations from Plana's theory are completed to the end of 1851."

I cite these two instances as showing that some of the works which we include in the estimates of this office are paid for in England from other funds.

I do not mean that these are the *only* instances, but I mean them for illustration merely. The British Almanac avails itself of the computations of asteroids made elsewhere.

It is impossible for me to ascertain precisely how much the Admiralty and Observatory do for the Almanac. I see, in the volume from which the above estimate is taken, that the sale of charts and Nautical Almanacs together amounted to £5,101 17s. 2d., which is paid over quarterly to the exchequer. I wish to call attention here to the union of the two under the Admiralty, because it denotes a partial dependence upon or official relation with the Admiralty, from which the almanac may derive pecuniary assistance.

The foregoing particulars serve, I think, to show that the cost of the British Nautical Almanac would be found to be not less than that of the American Ephemeris if all the items composing it could be brought together, and this without taking into account the better *average* compensation for intellectual labor in this country than in Great Britain.

In conclusion, I have the honor to say that the general plan and method of the work, which have been carefully matured, and appear to enjoy the sanction of public opinion, remain unchanged, and that the operations of the office are conducted with promptness and diligence.

It is gratifying to have it in my power to add that the sales have been greater last year than ever before, and that there is an encouraging prospect of their being still further augmented.

I have the honor to be, very respectfully, your obedient servant,

CHARLES HENRY DAVIS,

Commander, Superintendent.

Capt. GEO. A. MAGRUDER, U. S. N.,

Chief of the Bureau of Ordnance and Hydrography,

Washington, D. C.

J.

Estimate of the amount required for the American Ephemeris and Nautical Almanac for the fiscal year ending June 30, 1862.

| | |
|--|-------------|
| For salaries of computers..... | \$16,250 00 |
| For purchase of paper, printing, &c., in order to publish, in the year 1862, the Nautical Almanac for the year 1865, and for occasional printing, stationery, books, binding, &c..... | 3,630 00 |
| For the planets discovered since 1849..... | \$3,000 00 |
| For printing tables..... | 1,000 00 |
| For extra addition of the volumes already published..... | 800 00 |

| | |
|--|-------------|
| Clerk..... | 500 00 |
| Contingent expenses, including rent of office, servant hire, fuel, &c., &c..... | 700 00 |
| | <hr/> |
| | 25,880 00 |
| | <hr/> |
| Amount appropriated for the year ending, June 30, 1861... | 25,880 00 |
| | <hr/> <hr/> |

G. A. MAGRUDER,
Chief of the Bureau.

BUREAU OF ORDNANCE AND HYDROGRAPHY,
October 4, 1860.

No. 4.

BUREAU OF CONSTRUCTION, EQUIPMENT, AND REPAIR.

Estimates for fiscal year ending June 30, 1862.

NAVY DEPARTMENT, BUREAU OF CONSTRUCTION, &c.,
October 12, 1860.

SIR: I have the honor to transmit herewith one copy of the estimates for objects coming under the cognizance of this bureau for the fiscal year ending 30th June, 1862, as directed by your letter of the 15th August, 1860.

I am, sir, very respectfully, your obedient servant,
JOHN LENTHALL,
Chief of the Bureau.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

Abstract of Report of Bureau of Construction.

Estimate for pay of officers and men.
Estimate for repairs, equipment, &c., of vessels.
Estimate to complete screw sloops and side-wheel steamers.
Estimate for fuel for the Navy.
Estimate for the purchase of hemp.
The repairs, &c., contemplates no increase of materials for other purposes.
Suggests purchase of larger supplies of timber.

NAVY DEPARTMENT, BUREAU OF CONSTRUCTION, &c.,
November 17, 1860.

SIR: In compliance with your instructions it is respectfully submitted, that for the fiscal year ending 30th June, 1862, it is estimated the sum of \$3,259,274 will be required for pay of officers and men for vessels in commission as authorized by law.

For the repairs, equipment, and maintenance of the ships of the navy afloat, in commission and in ordinary, the estimated sum is \$2,580,000.

For the seven steam screw sloops and the side-wheel steamer authorized by the act of Congress, approved June 12, 1858, it is found the further sum of \$91,439.82 is required to complete them.

For fuel for the Navy, with transportation and other expenses, the sum of \$540,000 will be required. The maximum estimate for this object is \$840,000, but there will probably remain a balance of \$300,000 in the Treasury at the close of the fiscal year.

For the purchase of hemp and cordage for the Navy, \$300,000 is estimated.

The estimate for repairs, equipment, &c., embraces only the necessary repairs and supply of materials to keep the ships afloat in a seaworthy condition, and does not contemplate any increase of materials for other purposes. There being little or no supply of seasoned white oak and yellow pine remaining in the navy-yards, most of the work to be now executed must be with unseasoned timber.

It is respectfully suggested for consideration that larger supplies of timber be provided, so that no white oak timber need be used that has not been at least two years on hand, and that all be stowed under cover.

I am, sir, very respectfully, your obedient servant,
 JOHN LENTHALL,
Chief of the Bureau.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

A.

Estimate of the amount required for the expenditures of the Bureau of Construction, Equipment, and Repair for the fiscal year ending June 30, 1862.

| | |
|---|---------|
| For salary of chief of bureau, per act of August 31, 1842, vol. 5, section 3, page 579, and of March 3, 1855, vol. 10, page 675.... | \$3,500 |
| For salary of engineer-in-chief, per act of August 31, 1842, vol. 5, section 4, page 577 | 3,000 |
| For salary of chief clerk, (4th class,) per act of March 3, 1853, vol. 10, page 210 | 1,800 |
| For salary of seven clerks, (2d class,) per acts of March 3, 1853, vol. 10, page 210, and of April 22, 1854, page 276.. | 9,800 |

| | |
|--|---------|
| For salary of one clerk, (1st class,) per acts of March 3, 1853, and of April 22, 1854..... | \$1,200 |
| For salary of one messenger, per acts of August 31, 1842, vol. 5, section 6, page 580, and of April 22, 1854, and August 1856..... | 840 |
| For salary of two laborers, one for the bureau and one for the - office of engineer-in-chief, per act of August 18, 1856.... | 1,200 |

Contingent Expenses.

| | |
|---|-----------------|
| For blank-books, binding, stationery, and miscellaneous items.. | 800 |
| | <u>\$22,140</u> |

B.

Estimate for pay of commission, warrant, and petty officers and seamen' including the engineer corps of the navy, required for vessels proposed to be kept in commission, including receiving vessels for the fiscal year ending June 30, 1862.

Estimate for the fiscal year ending June 30, 1861..... \$3,148,680

Estimate for the fiscal year ending June 30, 1862..... \$3,259,274

NOTE.—The increase beyond the estimate of last year arises from the pay that has been increased by law.

C.

Estimate of the amount required for objects under the direction of this bureau, payable from the appropriation for construction, equipment, and repair, for wear and tear of vessels in commission, including fuel for steamers and the purchase of hemp for the navy, for the fiscal year ending June 30, 1862.

| Appropriations for the fiscal year ending June 30, 1861. | | Estimates for the fiscal year ending June 30, 1862. | |
|---|----------------|--|----------------|
| Construction, equipment, and repair | \$1,523,000 00 | Construction, equipment, and repair..... | \$2,580,000 00 |
| Fuel for the navy..... | 840,000 00 | Fuel for the navy..... | 540,000 00 |
| Purchase of hemp and other materials for the navy..... | 300,000 00 | Purchase of hemp and other materials for the navy.... | 300,000 00 |
| | | Seven propellers and one side-wheel steamer..... | 91,439 82 |

NOTE.—The difference between the present estimate and the amount appropriated for the fiscal year ending June 30, 1861, is occasioned by the reduction made by Congress from the estimate of that year.

D.

*Estimate of the amount required for the expenditures under the head
"enumerated contingent" for the fiscal year ending June 30, 1852.*

| | |
|--|-----------|
| Estimate for the fiscal year ending June 30, 1861..... | \$350,000 |
| Estimate for the fiscal year ending June 30, 1862..... | \$350,000 |

RECAPITULATION OF ESTIMATES.

Civil.

| | |
|-----------------|-------------|
| Salaries..... | \$21,340 00 |
| Contingent..... | 800 00 |
| | <hr/> |
| | 22,140 00 |
| | <hr/> <hr/> |

Navy.

| | |
|--|----------------|
| Pay of the Navy..... | \$3,259,274 00 |
| Equipment and repair..... | 2,580,000 00 |
| Fuel for the Navy..... | 540,000 00 |
| Hemp and other materials for the Navy..... | 300,000 00 |
| Contingent enumerated..... | 350,000 00 |
| Seven propellers and one side-wheel steamer..... | 91,439 82 |
| | <hr/> |
| | 7,120,713 82 |
| | <hr/> <hr/> |

Estimate of appropriations under the control of the Bureau of Construction, Equipment, and Repair, Navy Department, required for the service of the fiscal year ending June 30, 1862.

| Heads of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the fiscal year ending June 30, 1861. |
|--|---|---|--|
| Civil and contingent expenses of the bureau..... | \$22,140 00 | ..... | \$22,140 00 |
| Pay of the navy..... | 3,259,274 00 | ..... | 3,148,680 00 |
| Equipment and repair..... | 2,580,000 00 | ..... | 1,523,000 00 |
| Fuel for the navy..... | 540,000 00 | \$300,000 00 | 840,000 00 |
| Purchase of hemp and other materials for the navy..... | 300,000 00 | ..... | 300,000 00 |
| Contingent enumerated..... | 350,000 00 | ..... | 350,000 00 |
| Seven screw propellers and one side-wheel steamer..... | 91,439 82 | ..... | ..... |

F.

Vessels in commission belonging to the Navy, October 31, 1860.

| Name of vessel. | Guns. | Where built. | Date. | Sailed. | What station. |
|---------------------------|-------|-------------------------|-------|----------------|--------------------------------|
| <i>Ships-of-the-line.</i> | | | | | |
| Pennsylvania | 120 | Philadelphia | 1837 | ..... | Receiving ship, Gosport. |
| North Carolina | 84 |do | 1820 | ..... | Receiving ship, New York. |
| Ohio | 84 | New York | 1820 | ..... | Receiving ship, Boston. |
| <i>Frigates.</i> | | | | | |
| Congress | 50 | Kittery | 1841 | Aug. 14, 1859 | Brazil squadron. |
| Sabine | 50 | New York | 1855 | June 29, 1859 | Home squadron. |
| Constitution | 50 | Boston | 1797 | ..... | Naval School, Annapolis. |
| <i>Sloops-of-war.</i> | | | | | |
| Cumberland | 24 | Boston, rebuilt | 1842 | ..... | Home squadron. |
| Savannah | 24 | New York, rebuilt | 1856 | Aug. 21, 1859 | Home squadron, (ordered home.) |
| Constellation | 22 | Gosport, rebuilt | 1854 | July 19, 1859 | African squadron. |
| Portsmouth | 22 | Kittery | 1843 | May 23, 1859 | African squadron. |
| St. Mary's | 22 | Washington | 1844 | Oct. 14, 1853 | Pacific squadron. |
| John Adams | 20 | Gosport, rebuilt | 1831 | June 1, 1859 | East India squadron. |
| St. Louis | 20 | Washington | 1828 | Jan. 17, 1859 | Home squadron. |
| Levant | 20 | New York | 1837 | June 5, 1859 | Pacific squadron. |
| Germantown | 22 | Philadelphia | 1846 | ..... | Home squadron. |
| Saratoga | 20 | Kittery | 1842 | ..... | African squadron. |
| Vandalia | 20 | Philadelphia | 1828 | ..... | East India squadron. |
| Cyane | 20 | Boston | 1837 | Sept. 20, 1858 | Pacific squadron. |

F.—Continued.

| Name of vessel. | Guns. | Where built. | Date. | Sailed. | What station. |
|---|-------|-----------------------|-------|---------------|--|
| <i>Brigs.</i> | | | | | |
| Dolphin | 4 | New York..... | 1836 | Oct. 15, 1858 | Brazil squadron, (ordered home.) |
| Bainbridge..... | 6 | Boston..... | 1842 | May 18, 1858 | Brazil squadron, (ordered home.) |
| <i>Permanent store and receiving ships.</i> | | | | | |
| Independence..... | | Boston..... | 1814 | | Store and receiving ship, Mare Island. |
| Falmouth | | do | 1827 | | Coal ship at Aspinwall. |
| Warren | | do | 1816 | | Coal ship at Panama. |
| Princeton | | Gosport, rebuilt..... | 1851 | | Receiving ship at Philadelphia. |
| Alleghany | | Pittsburg, Pa..... | 1847 | | Receiving ship at Baltimore. |
| Fredonia | | Purchased..... | 1846 | | Stationed at Valparaiso. |
| <i>Storeships.</i> | | | | | |
| Relief..... | 2 | Philadelphia..... | 1836 | Aug. 8, 1860 | African squadron. |
| Supply..... | 4 | Purchased..... | 1846 | April 2, 1860 | Home squadron. |
| Release | 1 | do | 1855 | Oct. 24, 1860 | Mediterranean squadron. |
| <i>Steamers.</i> | | | | | |
| Niagara..... | 12 | New York | 1853 | June 30, 1860 | Special duty. |
| San Jacinto..... | 13 | do | 1850 | July 23, 1859 | African squadron. |
| Lancaster | 18 | Philadelphia..... | 1858 | June 8, 1859 | Pacific squadron. |
| Brooklyn..... | 21 | New York | 1858 | Mar. 15, 1860 | Home squadron. |
| Hartford | 16 | Boston..... | 1858 | June 20, 1859 | East India squadron. |
| Richmond..... | 14 | Gosport | 1858 | Oct. 13, 1860 | Mediterranean squadron. |
| Susquehanna..... | 15 | Philadelphia..... | 1850 | Aug. 24, 1860 | Mediterranean squadron. |
| Powhatan | 11 | Gosport | 1850 | Aug. 31, 1860 | Home squadron. |
| Saranac | 6 | Kittery..... | 1848 | Oct. 9, 1857 | Pacific squadron. |
| Mohican | 6 | do | 1858 | Jan. 19, 1860 | African squadron. |
| Narragansett..... | 5 | Boston..... | 1858 | Mar. 31, 1860 | Pacific squadron. |

| | | | | | |
|------------------|---|-------------------------|------|----------------|-------------------------|
| Iroquois | 6 | New York | 1858 | Jan. 19, 1860 | Mediterranean squadron. |
| Pawnee | 4 | Philadelphia | 1858 | Sept. 29, 1860 | Home squadron. |
| Wyoming | 6 | do | 1858 | Oct. 5, 1859 | Pacific squadron. |
| Dacotah | 6 | Gosport | 1858 | July 2, 1860 | East India squadron. |
| Pocahontas | 5 | Purchased, rebuilt..... | 1855 | Mar. 27, 1860 | Home squadron. |
| Wyandott | 5 | do | 1858 | Nov. 11, 1859 | Home squadron. |
| Seminole | 3 | Warrington | 1858 | July 16, 1860 | Brazil squadron. |
| Mohawk | 5 | Purchased..... | 1859 | Oct. 1, 1859 | Home squadron. |
| Crusader | 8 | do | 1859 | Oct. 7, 1859 | Home squadron. |
| Sumpter | 5 | do | 1859 | Sept. 3, 1859 | African squadron. |
| Mystic..... | 5 | do | 1859 | Sept. 3, 1859 | African squadron. |
| Pulaski..... | 1 | do | 1859 | Dec. 23, 1858 | Brazil squadron. |
| Saganaw | 3 | Mare Island | 1859 | Mar. 3, 1860 | East India squadron. |
| Anacostia..... | 1 | Purchased..... | 1859 | ..... | Transport. |

G.

Vessels in ordinary, repairing, equipping, &c.

| Name of vessel. | Guns. | Where built. | Date. | Station. |
|---------------------------|-------|--------------------|-------|--------------------|
| <i>Ships-of-the-line.</i> | | | | |
| Columbus | 84 | Washington | 1819 | Gosport |
| Delaware | 84 | Gosport | 1820 | Gosport |
| Vermont | 84 | Boston | 1848 | Boston |
| <i>Frigates.</i> | | | | |
| United States | 50 | Boston | 1797 | Gosport |
| Potomac | 50 | Washington | 1821 | New York |
| Brandywine | 50 | Washington | 1825 | New York |
| Columbia | 50 | Washington | 1836 | Gosport |
| Raritan | 50 | Philadelphia | 1843 | Gosport |
| St. Lawrence | 50 | Gosport | 1847 | Philadelphia |
| Santee | 50 | Kittery | 1855 | Kittery |
| <i>Sloops-of-war.</i> | | | | |
| Macedonian | 22 | Gosport | 1836 | Kittery |
| Jamestown | 22 | Gosport | 1844 | Philadelphia |
| Plymouth | 22 | Boston | 1843 | Gosport |
| Vincennes | 20 | New York | 1826 | Boston |
| Decatur | 16 | New York | 1839 | Mare Island |
| Dale | 16 | Philadelphia | 1839 | Kittery |
| Preble | 16 | Kittery | 1839 | Boston |
| Marion | 16 | Boston | 1839 | Kittery |
| <i>Brigs.</i> | | | | |
| Perry | 6 | Gosport | 1843 | New York |
| <i>Steamers.</i> | | | | |
| Roanoke | 40 | Gosport | 1855 | New York |
| Colorado | 40 | Gosport | 1855 | Boston |
| Merrimack | 40 | Boston | 1855 | Gosport |
| Minnesota | 40 | Washington | 1855 | Boston |
| Wabash | 40 | Philadelphia | 1855 | New York |
| Pensacola | 16 | Warrington | 1858 | Gosport |
| Mississippi | 10 | Philadelphia | 1841 | Boston |
| Fulton | 4 | Brooklyn | 1837 | Warrington |
| Michigan | 1 | Eric, Penn | 1844 | Lakes |
| John Hancock | 3 | Boston | 1850 | Mare Island |
| Water-Witch | 3 | Washington | 1845 | Philadelphia |

H.

Vessels on the stocks and in progress of construction, October 31, 1860.

SHIPS-OF-THE-LINE.

Alabama, Kittery.
Virginia, Boston.
New York, Gosport.
New Orleans, Sackett's Harbor.

AUXILIARY STEAM FRIGATES.

Franklin, Kittery.

STEAMERS.

Stevens's Iron Steamer, Hoboken, N. J.

I.

Abstract statement showing receipts and expenditures during the fiscal year ending 30th June, 1860, and value of all stores on hand at the several navy-yards on the 1st day of July, 1860.

| Navy-yards. | On hand July 1, 1859. | Received. | Expended. | On hand July 1, 1860. |
|-------------------|--------------------------|--------------|--------------|--------------------------|
| Portsmouth..... | \$732,039 73 | \$85,754 28 | \$92,550 68 | \$725,243 33 |
| Boston..... | 1,620,850 05 | 620,807 94 | 575,360 92 | 1,666,297 07 |
| New York..... | 1,466,394 32 | 448,923 34 | 386,010 06 | 1,529,307 60 |
| Philadelphia..... | 560,154 96 | 222,053 12 | 183,084 36 | 599,123 72 |
| Washington..... | 363,472 97 | 641,295 79 | 683,807 12 | 320,961 64 |
| Norfolk..... | 1,558,948 89 | 283,782 84 | 236,285 09 | 1,606,446 64 |
| Warrington..... | 309,628 09 | 70,606 42 | 86,571 17 | 293,633 34 |
| | 6,611,489 01 | 2,373,223 73 | 2,243,669 40 | 6,741,043 34 |

K.

Statement of the number of days' labor, and its cost, from the 1st July, 1859, to the 30th June, 1860, for the respective navy-yards, for building, repairing, and equipping vessels of the Navy, or in receiving or securing stores and materials for those purposes.

| Navy-yards. | No. of days' labor. | Cost of labor. | Average per diem. |
|-------------------|-----------------------|----------------|--------------------|
| Kittery..... | 34,023 $\frac{1}{4}$ | \$63,329.91 | \$1 86 |
| Charlestown..... | 128,984 $\frac{1}{2}$ | 235,313 22 | 1 82 |
| Brooklyn..... | 163,108 $\frac{3}{4}$ | 289,483 84 | 1 77 $\frac{1}{2}$ |
| Philadelphia..... | 127,560 | 244,795 44 | 1 92 |
| Washington..... | 109,927 $\frac{1}{2}$ | 195,606 81 | 1 78 |
| Gosport..... | 221,183 | 405,075 07 | 1 83 |
| Warrington..... | 36,507 | 80,619.37 | 2 21 |
| Total..... | 821,299 | 1,514,223 66 | 1 84 $\frac{1}{2}$ |

L.

Bills paid by the Bureau of Construction, Equipment, and Repair, under "contingent," for the fiscal year ending June 30, 1860.

| | |
|---|-----------|
| Transportation of officers and men..... | 19,363 45 |
| Freight, demurrage, and wharfage..... | 12,731 97 |
| Pilotage..... | 10,183 69 |
| Books and binding..... | 4,975 53 |
| Printing..... | 3,840 43 |
| Towing..... | 3,616 65 |
| Rent..... | 1,110 16 |
| Wood..... | 427 78 |
| Hardware..... | 387 73 |
| Stationery..... | 382 09 |
| General average..... | 282 32 |
| Water..... | 230 00 |
| Foreign postage and telegraphing..... | 179 98 |
| Labor..... | 147 35 |
| Coal..... | 139 71 |
| Candles and soap..... | 100 67 |
| Docking..... | 50 00 |
| Ice..... | 29 43 |
| Furniture..... | 28 00 |
| Fees for arresting a deserter..... | 27 00 |
| Board of health..... | 6 00 |

58,239 94

M.

Detail of estimates for pay.

| | |
|--|-------------|
| Pay of commission and warrant officers and engineers..... | \$1,457,552 |
| Pay of petty officers, seamen, foremen, and coal heavers.. | 1,801,722 |
| | <hr/> |
| | 3,259,274 |
| | <hr/> <hr/> |

N.

Detail of estimates for repair and maintenance for vessels afloat and in ordinary.

| | |
|---|-------------|
| Materials of timber..... | \$166,000 |
| Lumber and other materials of wood..... | 39,000 |
| Wrought iron, steel, cast iron..... | 42,000 |
| Lead, zinc, tin, &c..... | 22,000 |
| Hardware, nails, glass, lanterns..... | 25,000 |
| Paints, oils, varnishes..... | 21,000 |
| Flax canvas, cotton canvas, twine..... | 63,000 |
| Leather, hose, brushes, bunting, and dry goods..... | 19,000 |
| Oil, tallow, pitch, tar..... | 25,000 |
| Ship chandlery..... | 32,000 |
| Firewood, stationery..... | 7,000 |
| Tanks and chain iron..... | 20,000 |
| Copper..... | 129,000 |
| Furniture, small objects of equipments..... | 26,000 |
| Repair of steam machinery..... | 380,000 |
| Labor of mechanics and laborers on ships..... | 996,000 |
| Conversion of a sailing frigate into a sloop-of-war, including spars, boats, equipments, &c., materials..... | 96,000 |
| labor..... | 169,000 |
| Expenditures of squadrons abroad for stores, &c..... | 195,000 |
| Labor in navy-yards, receiving stores under contract, in- specting materials, delivering stores, piling timber, live oak plantation,..... | 108,000 |
| | <hr/> |
| | 2,580,000 |
| | <hr/> <hr/> |

O.

Estimate for the coal, for steamers' use.

| | | | | | | |
|---|----|-----|----|----|----|-------------|
| Two screw steamers for 90 days' steam, at 30 tons per day | | | | | | 5,400 tons. |
| Five | do | 90 | do | 25 | do | 11,250 do |
| Seven | do | 120 | do | 20 | do | 16,800 do |
| One | do | 100 | do | 15 | do | 1,500 do |
| One | do | 150 | do | 10 | do | 1,500 do |
| Five | do | 100 | do | 10 | do | 5,000 do |
| One | do | 100 | do | 5 | do | 500 do |
| One side wheel | | 120 | do | 30 | do | 3,600 do |
| Two | do | 120 | do | 15 | do | 3,600 do |
| Three | do | 140 | do | 8 | do | 3,360 do |
| | | | | | | 52,510 do |

Estimated at sixteen dollars per ton, which includes cost of coal, freight, landing, lighterage, storage, and demurrage.

NAVY DEPARTMENT,
Bureau of Construction, &c., Nov. 22, 1860.

SIR: In compliance with the act of 5th March, 1843, I respectfully transmit herewith duplicate abstracts of offers to furnish materials for the Navy, coming under the cognizance of this bureau, exhibiting in scales from No. 1 to 8, inclusive, as well those which were rejected as those accepted, between the 30th November (date of last report) and the 22d November, 1860; and in conformity with the act of 21st April, 1808, I also transmit a duplicate list of articles under contract, made during the same period.

Very respectfully, your obedient servant,

JOHN LENTHALL,
Chief of the Bureau.

HON. ISAAC TOUCEY,
Secretary of the Navy.

No. 1.

Scale of offers to furnish anthracite coal for the Navy for the fiscal year ending 30th June, 1861, under advertisement from the Bureau of Construction, &c., of July 3, 1860.

| No. | Bidders. | 15,000 tons Bl'k Heath coal. | 15,000 tons Buck Mountain coal. |
|-----|---|---------------------------------|------------------------------------|
| 1 | John C. C. Brooks and H. B. Brooks..... | *\$3 39 per ton. | \$3 49 per ton. |
| 2 | John G. Repplier..... | 3 90 per ton. | |
| 3 | Charles A. Heckscher..... | 3 85 per ton. | |
| 4 | Thomas Hall..... | 3 70 per ton. | |
| 5 | John G. Repplier..... | | |

*Lowest and accepted, but failed to enter into contract. Offered to Thomas Hall, who declined, and then to Charles A. Heckscher, who accepted and entered into contract.
Offer No. 5 informal, not in accordance with the conditions of the advertisement.

August 1, 1860, opened in presence of—

JOHN LENTHALL.
JOHN AMBLER.
JAMES SELDEN

No. 2.

cale of offers to furnish materials for the Navy at the navy-yard, Kittery, Maine, under advertisement from the Bureau of Construction, Equipment, &c., of August 22, 1860.

| Bidders. | No. 8. | No. 10. | No. 11. | No. 14. | No. 21. | No. 22. | No. 23. | No. 25. | No. 27. |
|---------------------------|-----------------------------------|-------------|------------|------------------------|----------|-------------------|------------------|-----------|------------------|
| | Yellow pine mast and spar timber. | White pine. | Ash plank. | White ash oar rafters. | Iron. | Spikes and nails. | Lead, zinc, tin. | Hardware. | Paints and oils. |
| 1 Collins & Co..... | | | | | \$550 00 | \$480 00 | \$559 50 | *\$236 14 | *\$332 47 |
| 2 H. J. Hansen & Son..... | | | | | | | | | |
| 3 G. H. Hammond..... | \$4,820 35 | \$1,900 00 | \$192 00 | Informal. | | | | | |
| 4 Samuel B. Grice..... | 6,924 80 | 2,615 00 | 280 00 | | | | | | |
| 5 L. O. Southmayd..... | | | | \$105 00 | | | | | |
| 6 Lyman D. Spalding..... | | | | | 392 50 | 134 00 | | | |
| 7 William E. Hooper..... | | | | | | | | | |
| 8 John Craig..... | | 1,763 00 | | | | | | | |
| 9 Horatio N. Gilbert..... | *2,728 50 | *1,127 00 | *152 00 | *90 00 | *335 00 | *111 50 | *557 00 | | |
| 0 N. W. Coffin..... | | 1,903 00 | 156 00 | 108 75 | | | 595 00 | | |
| 1 John H. Broughton..... | | 1,845 00 | | 150 00 | | | | | |
| 2 Thomas W. Beatty..... | 4,456 55 | | | | | | | | |
| 3 J. C. D. Stone..... | 5,457 00 | 1,898 00 | | | | | | | |
| 4 William Lang..... | | | | 103 50 | 410 00 | 166 00 | 578 00 | 295 55 | 378 70 |
| 5 William Brand..... | | | | | | | | | |
| 6 William Matthews..... | | | | | | | | | |
| 7 George W. Lawrence..... | 7,266 00 | 1,785 00 | 276 00 | 300 00 | | | | | |
| 8 James R. Pugh..... | | | | | | | | | |
| 9 Samuel P. Brown..... | 5,820 80 | 2,430 00 | | | | | | | |
| 0 George T. Wallace..... | 6,821 25 | | | | | | | | |
| 1 William White..... | 6,366 50 | | | | | | | | |
| 2 John P. Lyman..... | | | | | 402 00 | | | | |
| 3 A. G. Wendell..... | | | | | | 121 50 | 652 00 | 333 78 | 367 80 |
| 4 Charles C. Harvey..... | | | | | | | | | |
| 5 William A. Wheeler..... | | | | | | | 630 00 | | |
| 6 Duncan & Slimon..... | | | | | | | | | |

* Lowest and accepted.

No. 2—Continued.

| o. | Bidders. | No. 28. | No. 29. | No. 30. | No. 32. | No. 35. | No. 37. | No. 38. | No. 39. | No. 40. | No. 41. |
|----|-------------------------|--------------|----------------|------------------------|----------|------------------------|--------------------|--------------------|-----------------|-------------|-----------|
| | | Flax canvas. | Cotton canvas. | Flax and cotton twine. | Leather. | Bunting and dry goods. | Pitch, tar, rosin. | Tallow, soap, oil. | Ship chandlery. | Stationery. | Firewood. |
| 1 | Collins & Co..... | | | *\$33 00 | \$212 00 | *\$176 00 | \$294 00 | \$119 10 | *\$415 76 | | |
| 2 | H. J. Hansen & Son..... | | | | | | | 143 00 | 453 45 | | |
| 3 | G. H. Hammond..... | | | | | | | | | | \$75 00 |
| 4 | Samuel B. Grice..... | | | | | | | | | | |
| 5 | L. O. Southmayd..... | | | | | | | | | | |
| 6 | Lyman D. Spalding..... | | | | | | | | | | |
| 7 | William E. Hooper..... | | *\$398 30 | | | | | | | | |
| 8 | John Craig..... | | | | | | | | | | |
| 9 | Horatio N. Gilbert..... | | | | | | | | | | *50 97 |
| 0 | N. W. Coffin..... | | | 33 20 | | 203 50 | | | | | |
| 1 | John H. Broughton..... | | | | | | | | | | |
| 2 | Thomas W. Beatty..... | | | | | | | | | | |
| 3 | J. C. D. Stone..... | | | | | | | | | | |
| 4 | William Lang..... | | | | | | *281 25 | *118 70 | 432 32 | | |
| 5 | William Brand..... | \$538 00 | | | | | | | | | |
| 6 | William Matthews..... | *506 40 | | | | 185 50 | | | | | |
| 7 | George W. Lawrence..... | | | | | | | | | | |
| 8 | James R. Pugh..... | | | | 224 00 | | | | | | |
| 9 | Samuel P. Brown..... | | | | | | | | | | |
| 0 | George T. Wallace..... | | | | | | | | | | |
| 1 | William White..... | | | | | | | | | | |
| 2 | John P. Lyman..... | | | | | | | | | | |
| 3 | A. Q. Wendel..... | | | 34 00 | *198 00 | | 324 00 | 119 15 | 417 50 | | |
| 4 | Charles C. Harvey..... | | | | | | | | | | *166 35 |
| 5 | William A. Wheeler..... | | | | | | | 129 50 | | | 172 92 |
| 6 | Duncan & Slimmon..... | 569 25 | | | | | | | | | |

* Lowest and accepted.

Opened in presence of—

H. BRIDGE.
JOHN AMBLER.
JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

Scale of offers to furnish materials for the Navy, at the navy-yard, Charlestown, Massachusetts, under advertisement from the Bureau of Construction, &c., of August 22, 1860.

| No. | Bidders. | Class 1. | Class 6. | Class 10. | Class 11. | Class 12. | Class 14. | Class 15. | Class 21. | Class 22. | Class 23. | Class 25. | Class 27. | Class 28. |
|-----|---------------------|-----------------|-------------------------------|-------------|---------------|-----------------------|-----------------------------------|-------------------------------|------------|-------------------|------------------|------------|------------------|---------------|
| | | White oak logs. | Yellow pine plank stock logs. | White pine. | Ash, cypress. | Black walnut, cherry. | White oak ears and hickory butts. | White ash staves and heading. | Iron. | Spikes and nails. | Lead, zinc, tin. | Hardware. | Paints and oils. | Flax curvies. |
| 1 | Collins & Co | | | | | | | | | \$176 95 | \$1,063 15 | \$1,329 13 | \$2,292 95 | |
| 2 | Samuel B. Grice | \$15,000 00 | \$10,000 00 | \$1,170 00 | \$570 00 | \$250 00 | \$200 00 | \$170 00 | | | | | | |
| 3 | G. A. Hammond | 13,250 00 | 9,750 00 | 993 00 | 408 00 | | | | | | | | | |
| 4 | L. O. Southmayd | | | | | | 95 00 | | | | | | | |
| 5 | John Brown | 16,250 00 | | | | | | | | | | | | |
| 6 | Philander Ames | | 10,000 00 | 666 00 | 396.50 | 162 00 | 155 00 | | | | | | | |
| 7 | William E. Hooper | | | | | | | | | | | | 2,330 70 | |
| 8 | John Craig | | 9,500 00 | | | | | | | | | | | |
| 9 | Daniel S. Grice | 12,250 00 | | | | | | | | | | | | |
| 10 | Joseph L. Savage | | | | | | | | | | | | | |
| 11 | H. N. Gilbert | *7,250 00 | *6,500 00 | *430 00 | *343 00 | *67 00 | | *53 00 | \$1,992 00 | 164 25 | | | | |
| 12 | H. J. Hansen & Son | | | | | | | 2,001 00 | | 205 75 | 505 25 | | | |
| 13 | N. W. Coffin | 11,500 00 | 7,187 50 | 774 00 | 354 00 | 126 00 | 87 50 | 56 50 | | | 534 75 | | 2,478 96 | |
| 14 | Thomas W. Beatty | | 7,750 00 | | | | | | | | | | | |
| 15 | John A. Higgins | | | | | | | | | | | | | |
| 16 | J. C. D. Stone | 12,500 00 | 8,000 00 | 797 00 | | | | | 2,723 00 | | 669 00 | | | |
| 17 | A. B. Cutter | | | | | | | | | | | | | |
| 18 | King & Burchell | | | | | | | | | | | | | |
| 19 | William Brand & Co. | | | | | | | | | | | | | |
| 20 | Isaac C. Nae | | | | | | | | | | | | | \$4,905 00 |
| 21 | Francis McLaughlin | | | | | | | | | | | | | 4,783 50 |
| 22 | George W. Hooper | | | | | | *75 00 | | | | | | | |
| 23 | Bigler & Wilt | | | 914 00 | (f) | | | | | | | | | |
| 24 | William E. Anderson | | 9,500 00 | | | | | | | | | | | |
| 25 | William Matthews | | | | | | | | | | | | | |
| 26 | S. & E. Knight | | | | | | | | | | | | | 4,654 00 |
| 27 | George W. Lawrence | 12,250 00 | 7,250 00 | 800 00 | 510 00 | 190 00 | (f) | 80 00 | | | | | | |

| | | | | | | | | | | | | | |
|----|------------------------|-----------|-----------|--------|--------|--------|--------|--------|-----------|---------|---------|-----------|-----------|
| 28 | William Lang | | | | | 95 00 | | | 2,026 00 | 255 00 | 547 00 | 1,293 61 | 2,403 80 |
| 29 | James R. Pugh | | | | | | | | | | | | |
| 30 | Samuel P. Brown | 13,562 22 | 9,583 33 | 882 00 | 530 00 | 270 00 | 170 00 | 100 00 | | | | | |
| 31 | Samuel Patterson | 12,000 00 | | | | | | | | | | | |
| 32 | H. H. Coats | 10,000 00 | 7,750 00 | 840 00 | 590 00 | 160 00 | 115 00 | 80 00 | (†) | | 652 25 | | 3,785 80 |
| 33 | Francis Miller | | | | | | | | | | | | |
| 34 | Z. Southard | | | | | | | | | | | | |
| 35 | George T. Wallace | 14,000 00 | 11,250 00 | | | | | 160 00 | | | | | |
| 36 | William White | 14,500 00 | | | | | | | | | | | |
| 37 | Peters & Reed | 13,500 00 | 11,000 00 | | | | | | | | | | |
| 38 | William A. Wheeler | | | | | | | | | | 619 00 | | |
| 39 | Horton, Hall & Co. | | | | | | | 90 00 | *1,950 00 | *153 50 | *477 50 | *1,282 15 | *2,276 95 |
| 40 | Duncan & Slimmon | | | | | | | | | | | | 4,997 75 |
| 41 | William M. Shakespeare | 11,250 00 | | | | | | | | | | | |

* Lowest and accepted.

† Informal. No certificate to guarantors for class No. 11. Offer 32 for class 21, informal; offers for part of class. Offer 27 for class 14, informal; offers for part of class.

No. 3—Continued.

| No. | Bidders. | Class 29. | Class 30. | Class 31. | Class 32. | Class 33. | Class 34. | Class 35. | Class 37. | Class 38. | Class 39. | Class 40. | Class 41. | Class 42. |
|-----|--------------------|-----------------|------------------------|-----------|-----------|-----------|-----------|------------------------|------------------------|------------------------|-----------------|-------------|------------|---------------------|
| | | Cotton canvass. | Flax and cotton twine. | Glass. | Leather. | Hose. | Brushes. | Bunting and dry goods. | Pitch, tar, and rosin. | Tallow, soap, and oil. | Ship chandlery. | Stoutlency. | Fire-wood. | Ox hides for ropes. |
| 1 | Collins & Co. | | | | | | | | | | | | | |
| 2 | Samuel B. Grice | | \$21 50 | \$29 10 | \$697 00 | | \$125 42 | \$319 60 | \$227 80 | \$2,175 00 | \$654 87 | | | |
| 3 | G. A. Hammond | | | | | | | | | | | | | |
| 4 | L. O. Southmayd | | | | | | | | | | | | | |
| 5 | John Brown | | | | | | | | | | | | | |
| 6 | Philander Ames | | | 101 06 | | | | | | | | | \$167 00 | \$7,700 00 |
| 7 | Wm. E. Hooper | \$3,115 75 | | | | | | | | | | | | |
| 8 | John Craig | | | | | | | | | | | | | |
| 9 | Daniel S. Grice | | | | | | | | | | | | | |
| 10 | Joseph L. Savage | | | | | | | | | | | | | |
| 11 | H. N. Gilbert | | | | | | | | | | | | 107 00 | 8,500 00 |
| 12 | H. J. Hansen & Son | | | | | | | | | | | | | |
| 13 | N. W. Coffin | | 22 00 | | | | | 312 30 | 2,940 70 | 2,481 75 | 825 75 | | | |
| 14 | Thomas W. Beatty | | | | | | | | 3,855 00 | 2,053 00 | | | | |
| 15 | John A. Higgins | | | | | \$393 50 | | | 3,255 00 | | | | | 12,000 00 |
| 16 | J. C. D. Stone | | | | | | | | | | | | | |
| 17 | A. B. Cutter | | | | | | | | | | | | | |
| 18 | King & Burchell | | | | | | | | | | | | | |
| 19 | Wm. Brand & Co. | | | | | | | | | 2,293 30 | | \$368 54 | | |
| 20 | Isaac C. Nae | \$2,894 20 | | | | | | 373 44 | | | | | | |
| 21 | Francis McLaughlin | | | | | | 177 31 | | | | | | | |
| 22 | George W. Hooper | | | | | | | | | | | | | |
| 23 | Bigler & Wilt | | | | | | | | | | | | | |
| 24 | Wm. E. Anderson | | | | | | | | | | | | | |
| 25 | Wm. Matthews | | | | | | | 313 70 | | | | | | |
| 26 | S. & E. Knight | | | | | | | | | | | | 165 20 | |
| 27 | George W. Lawrence | | | | | | | | | | | | | |
| 28 | William Lang | | 20 50 | *78 65 | | | | | | | | | | |
| 29 | James R. Pugh | | | | 888 50 | 263 00 | | | 3,087 00 | 2,066 45 | 982 60 | | | 9,125 00 |
| 30 | Samuel P. Brown | | | | | | | | | | | | | |
| 31 | Samuel Patterson | | | | | | | | | | | | | |
| 32 | H. H. Coates | | | | | | | | | 2,183 90 | | | | |

| | | | | | | | | | | | | | |
|----|-------------------------|--------|--------|---------|---------|---------|---------|-----------|-----------|----------|--|---------|-----------|
| 33 | Francis Miller..... | | | | | | | | | 2,340 00 | | | |
| 34 | Z. Southard..... | | | | | | | | | 2,197 00 | | | |
| 35 | George T. Wallace..... | | | | | | | | | | | | |
| 36 | William White..... | | | | | | | | | | | | |
| 37 | Peters & Reed..... | | | | | | | | | | | | |
| 38 | Wm. A. Wheeler..... | | | | | | | | | 2,108 50 | | *256 75 | |
| 39 | Horton, Hall & Co..... | *20 00 | 137 85 | *872 00 | *261 20 | *132 79 | *283 45 | *2,932 00 | *2,045 70 | *638 77 | | | *7,625 00 |
| 40 | Duncan & Slimmon..... | | | | | | | | | | | | |
| 41 | Wm. M. Shakespeare..... | | | | | | | | | | | | |

* Lowest and accepted.

Opened in presence of—

H. BRIDGE.
JOHN AMBLER.
JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

Scale of offers to furnish materials for the Navy, at the navy-yard, Brooklyn, New York, under advertisement from the Bureau of Construction, &c., of August 22, 1860.

| No. | Bidders. | No. 1. | No. 3. | No. 10. | No. 11. | No. 14. | No. 15. | No. 21. | No. 22. | No. 23. | No. 24. | No. 25. | No. 27. |
|-----|------------------------------|-----------------|-------------------------------|-------------|---------------|---|-------------------------------|------------|-------------------|----------------------|-----------|------------|------------------|
| | | White oak logs. | White oak promiscuous timber. | White pine. | Ash, cypress. | White ash oars, hickory bars and butts. | White oak staves and heading. | Iron. | Spikes and nails. | Lead, zinc, and tin. | Pig iron. | Hardware. | Paints and oils. |
| 1 | Wm. D. Kennedy..... | | | | | | | \$3,375 00 | \$185 50 | \$1,473 00 | | \$2,167 30 | *\$1,940 05 |
| 2 | Collins & Co..... | | | | | | | | 210 80 | 1,439 80 | \$122 25 | 1,998 90 | 2,011 75 |
| 3 | J. Bigler..... | | | \$4,219 00 | \$276 00 | | | | | | | | |
| 4 | Samuel B. Grice..... | \$11,000 00 | \$3,920 00 | 6,950 00 | 450 00 | \$474 00 | \$575 00 | | | | | | |
| 5 | Samuel B. Grice..... | 12,600 00 | 4,000 00 | 5,219 00 | 400 00 | 445 00 | 225 00 | | | | | | |
| 6 | L. O. Southmayd..... | | | 4,351 00 | 280 00 | 191 50 | | | | | | | |
| 7 | John Brown..... | 12,000 00 | | | | | | | | | | | |
| 8 | Wm. E. Hooper..... | | | | | | | | | | | | |
| 9 | John Craig..... | | | 4,459 00 | | | | | | | | | |
| 10 | Daniel S. Grice..... | 9,400 00 | 2,100 00 | | 400 00 | 334 50 | 290 00 | | | | | | |
| 11 | Jos. L. Savage..... | | | | | | | *3,042 00 | *156 40 | *1,214 00 | *121 50 | *1,990 00 | |
| 12 | H. N. Gilbert..... | *4,800 00 | *920 00 | *3,821 00 | *196 00 | | | | 157 00 | 1,324 00 | | | |
| 13 | H. J. Hansen & Son..... | | | | | 174 50 | 410 00 | | 221 28 | 1,779 00 | | | 2,211 50 |
| 14 | John A. Higgins..... | | | | | | | 4,672 00 | | 1,714 50 | 305 00 | | |
| 15 | J. C. D. Stone..... | 12,000 00 | 4,000 00 | 5,270 00 | | | | 3,050 00 | | | | | |
| 16 | Wm. Lang..... | | | | | | | 3,689 00 | 261 00 | 1,490 00 | | | 2,221 20 |
| 17 | Wm. Brand & Co..... | | | | | | | | | | | | |
| 18 | Isaac C. Nae..... | | | | | | | | | | | | |
| 19 | Bigler & Wilt..... | | | 4,401 00 | | | | | | | | | |
| 20 | J. A. H. Hasbrouck & Co..... | | | | | | | | | | | | |
| 21 | Geo. W. Hooper..... | | | | | *169 75 | | | | | | | |
| 22 | Wm. Matthews..... | | | | | | | | | | | | |
| 23 | Daniel D. Miller..... | | | | | | | | | | | | |
| 24 | Jas. R. Pugh..... | | | | | | | | | | | | |
| 25 | Samuel P. Brown..... | 11,500 00 | 5,600 00 | 7,480 00 | | | | | | | | | |
| 26 | Martin Wilson..... | | 2,800 00 | | | | | | | | | | |
| 27 | Samuel Patterson..... | 11,000 00 | 2,760 00 | | | | | | | | | | |

| | | | | | | | | | | | | |
|----|-------------------------|-----------|----------|----------|--------|--------|---------|----------|---------|----------|--------|----------|
| 28 | John J. Bingham..... | | | | | | | 3,504 00 | | 1,215 25 | 130 00 | |
| 29 | H. H. Coats..... | 8,200 00 | 2,400 00 | 4,334 00 | 462 00 | 297 00 | †175 00 | | | 1,606 50 | 220 00 | 2,376 52 |
| 30 | Francis Miller..... | | | | | | | | | | | |
| 31 | Geo. T. Wallace..... | 11,000 00 | 3,200 00 | | | | 500 00 | | | | | |
| 32 | Wm. White..... | 11,600 00 | 3,600 00 | | | | 525 00 | | | | | |
| 33 | Peters & Reed..... | 10,600 00 | | | | | | | | | | |
| 34 | O. L. Hasey..... | | | 4,696 50 | | | | | | | | |
| 35 | B. Secor..... | | | | | | | | 193 47½ | | | 2,045 70 |
| 36 | Wm. A. Wheeler..... | | | | | | | | | | | |
| 37 | Duncan & Slimmon..... | | | | | | | | | | | |
| 38 | Wm. M. Shakespeare..... | 8,400 00 | 1,960 00 | | | | | | | | | |
| 39 | Wm. S. Daughton..... | | | 5,697 00 | | | | | | | | |

* Lowest, and accepted.

† Offer No. 29, for Class No. 15, declined, and awarded to next lowest bidder.

No. 4—Continued.

| No. | Bidders. | No. 28. | No. 29. | No. 30. | No. 31. | No. 32. | No. 33. | No. 34. | No. 35. | No. 36. | No. 37. | No. 38. | No. 39. | No. 40. | No. 41. |
|-----|-------------------------------|---------------|-----------------|------------------------|---------|----------|----------|----------|------------------------|------------|------------------------|------------------------|-----------------|-------------|------------|
| | | Flax canvass. | Cotton canvass. | Flax and cotton twine. | Glass. | Leather. | Hose. | Brushes. | Bunting and dry goods. | Lanterns. | Pitch, tar, and rosin. | Tallow, soap, and oil. | Ship chandlery. | Stationery. | Fire-wood. |
| 1 | Wm. D. Kennedy | | | \$130 80 | \$92 20 | \$530 00 | | \$408 90 | \$520 50 | | \$367 25 | \$2,123 00 | \$1,930 00 | | |
| 2 | Collins & Co. | | | 126 40 | 100 60 | 594 60 | \$345 00 | | 475 10 | \$3,005 15 | 418 50 | 2,077 55 | 1,685 10 | | |
| 3 | J. Bigler | | | | | | | | | | | | | | |
| 4 | Samuel B. Grice | | | | | | | | | | | | | | |
| 5 | Samuel B. Grice | | | | | | | | | | | | | | |
| 6 | L. O. Southmayd | | | | | | | | | | | | | | \$736 75 |
| 7 | John Brown | | | | | | | | | | | | | | 680 00 |
| 8 | Wm. E. Hooper | \$4,661 50 | | | | | | | | | | | | | |
| 9 | John Craig | | | | | | | | | | | | | | |
| 10 | Daniel S. Grice | | | | | | | | | | | | | | |
| 11 | Jos. L. Savage | *4,812 50 | *4,195 50 | *125 20 | | | *365 00 | *402 69 | | | | *2,075 40 | *1,682 95 | | |
| 12 | H. N. Gilbert | | | | | | | | | | | | | | *620 00 |
| 13 | H. J. Hansen & Son | | | | 98 10 | 623 00 | 450 00 | 767 50 | 569 00 | 3,347 00 | 458 75 | 2,243 00 | 2,044 25 | | |
| 14 | John A. Higgins | | | | | 1,005 00 | 425 00 | | | | 820 25 | 2,722 00 | | | |
| 15 | J. C. D. Stone | | 4,200 00 | | | | | | | | | | | | |
| 16 | Wm. Lang | | | | 157 39 | | | | | | | 2,217 50 | | | |
| 17 | Wm. Brand & Co | 4,920 00 | | | | | | | | | | | | | |
| 18 | Isaac C. Nae | 5,054 50 | 4,445 75 | | | | | | 596 65 | | | | | | |
| 19 | Bigler & Wilt | | | | | | | | | | | | | | |
| 20 | J. A. H. Hasbrouck & Co | | | | | | | | | | | | | | \$330 69 |
| 21 | Geo. W. Hooper | | | | | | | | | | | | | | |
| 22 | Wm. Matthews | 4,813 00 | | | | | | 480 80 | 485 15 | 3,010 00 | | | | | |
| 23 | Daniel D. Miller | | | | | | | | | | | | | | |
| 24 | Jas. R. Pugh | | | | | 601 80 | 267 00 | | | | | | | | |
| 25 | Samuel P. Brown | | | | | | | | | | | | | | |
| 26 | Martin Wilson | | | | | | | | | | | | | | |
| 27 | Samuel Patterson | | | | | | | | | | | | | | |
| 28 | John J. Bingham | | | | | | | | | | | 2,247 60 | | | |
| 29 | H. H. Coats | | | | | | | | | | | 2,445 00 | | | |
| 30 | Francis Miller | | | | | | | | | | | | | | |
| 31 | Geo. T. Wallace | | | | | | | | | | | | | | |
| 32 | Wm. White | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | |
|----|--------------------------|----------|--|--|--|--|--|--|--|--------|--|--|----------|--------|--|
| 33 | Peters & Reed..... | | | | | | | | | | | | | | |
| 34 | O. L. Hasey | | | | | | | | | | | | | | |
| 35 | B. Secor..... | | | | | | | | | 380 00 | | | 1,949 65 | | |
| 36 | Wm A. Wheeler..... | | | | | | | | | | | | | 455 51 | |
| 37 | Duncan & Shimmom..... | 5,102 50 | | | | | | | | | | | | | |
| 38 | Wm. M. Shakespeare | | | | | | | | | | | | | | |
| 39 | Wm. S. Daughton..... | | | | | | | | | | | | | | |

* Lowest, and accepted.

Opened in the presence of—
 H. BRIDGE.
 JOHN AMBLER.
 JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

SECRETARY OF THE NAVY.

Scale of offers to furnish materials for the Navy, at the navy-yard, Philadelphia, under advertisement from the Bureau of Construction, &c., of August 22, 1860.

| No. | Bidders. | No. 2. | No. 6. | No. 10. | No. 16. | No. 21. | No. 22. | No. 23. | No. 25. | No. 27. | No. 28. | No. 29. |
|-----|-----------------------------------|------------------|-------------------------------|-------------|---------------|-------------|-------------------|----------------------|-----------|------------------|--------------|----------------|
| | | White oak plank. | Yellow pine plank stock logs. | White pine. | Black spruce. | Iron. | Spikes and nails. | Lead, zinc, and tin. | Hardware. | Paints and oils. | Flax canvas. | Cotton canvas. |
| 1 | Collins & Co | | | | | | \$148 20 | \$136 24 | *\$747 20 | \$760 93 | | |
| 2 | J. Bigler | | | \$3,680 00 | | | | | | | | |
| 3 | Samuel B. Grice | \$2,205 00 | \$3,500 00 | 5,800 00 | \$593 75 | | | | | | | |
| 4 | Wm. F. Murphy & Sons | | | | | | | | | | | |
| 5 | Thos. L. Franklin | 1,957 00 | | | | | | | | | | |
| 6 | John Brown | 2,925 00 | | | | | | | | | | |
| 7 | James D. Wetham | | | | | | | | | | | |
| 8 | Wm. E. Hooper | | | | | | | | | | | \$631 50 |
| 9 | John Craig | | | 3,707 50 | | | | | | | | |
| 10 | Daniel S. Grice | 2,110 00 | 3,300 00 | | 871 25 | | | | | | | |
| 11 | Jos. L. Savage | | | | | *\$1,023 50 | *118 00 | 142 00 | 791 52 | | *\$618 50 | *573 80 |
| 12 | H. N. Gilbert | *1,255 00 | *2,300 00 | *2,810 00 | *250 00 | 1,058 00 | 120 00 | *123 50 | | | | |
| 13 | H. J. Hansen & Son | | | | | | | | | | | |
| 14 | Wm. D. Kennedy | | | | | 1,263 50 | 172 00 | 131 40 | | 760 91 | | |
| 15 | Thos. W. Beatty | | 2,900 00 | | | | | | | | | |
| 16 | John A. Higgins | | | | | 1,633 00 | 258 50 | 169 50 | | | | |
| 17 | J. C. D. Stone | 2,250 00 | 3,100 00 | 4,200 00 | 601 00 | 1,025 00 | | | | | 620 00 | 575 00 |
| 18 | Wm. Lang | | | | | 1,300 00 | 172 50 | 158 30 | | 894 45 | | |
| 19 | King & Burchell | | | | | | | | | | | |
| 20 | H. N. Easby | | | 4,335 00 | | | | | | | | |
| 21 | Wm. Brand & Co | | | | | | | | | | | |
| 22 | Bigler & Wilt | | | 3,920 00 | | | | | | | 639 90 | |
| 23 | Hulseman, Berry, & Hulseman | | | | | | | | | | | |
| 24 | Wm. E. Anderson | | 3,800 00 | | | | | | | | | |
| 25 | Paul J. Field | | | | | 1,257 50 | 170 50 | 154 90 | | | | |
| 26 | Edward G. Stones | | | | | | 174 50 | 159 77 | 958 05 | | | |
| 27 | Chas. W. Clement | | | | | | 227 75 | 149 10 | 1,233 35 | | | |

| | | | | | | | | | | |
|----|-------------------------|----------|----------|----------|--------|--|--|----------|---------|--------|
| 28 | Wm. Matthews..... | | | | | | | | | 629 15 |
| 29 | Thomas & Bro..... | | | | | | | | | |
| 30 | Wm. H. Maurice..... | | | | | | | 1,078 11 | | |
| 31 | James R. Pugh..... | | | | | | | | | |
| 32 | Samuel P. Brown..... | 2,775 00 | 3,850 00 | 5,025 00 | 572 50 | | | | | |
| 33 | Samuel Patterson..... | 1,980 00 | | | | | | | | |
| 34 | J. W. Simes & Co..... | | | | | | | | *760 31 | |
| 35 | H. H. Coats..... | 2,700 00 | | 3,985 00 | 642 50 | | | | | |
| 36 | Francis Miller..... | | | | | | | | | |
| 37 | Geo. T. Wallace..... | 3,850 00 | 4,500 00 | | | | | | | |
| 28 | Wm. White..... | 4,500 00 | 3,800 00 | | | | | | | |
| 39 | Wm. McAlister..... | | | 3,531 00 | | | | | | |
| 40 | Wm. A. Wheeler..... | | | | | | | 161 58 | | 673 50 |
| 41 | Duncan & Slimmon..... | | | | | | | | | |
| 42 | Wm. M. Shakespeare..... | 1,665 00 | | | | | | | | |
| 43 | Wm. S. Daughton..... | | | 3,682 00 | | | | | | |
| 44 | Thockard & Wilmey..... | | | | | | | | | |

* Lowest, and accepted.

No. 5—Continued.

| No. | Bidders. | No. 30. | No. 31. | No. 32. | No. 33. | No. 34. | No. 35. | No. 37. | No. 38. | No. 39. | No. 40. | No. 41. |
|-----|-----------------------------------|------------------------|----------|----------|-----------|----------|------------------------|------------------------|------------------------|-----------------|-------------|------------|
| | | Flax and cotton twine. | Glass. | Leather. | Hose. | Brushes. | Bunting and dry goods. | Pitch, tar, and rosin. | Tallow, soap, and oil. | Ship chandlery. | Stationery. | Fire-wood. |
| 1 | Collins & Co | \$14 55 | \$109 70 | \$33 86 | | \$205 10 | *\$160 78 | \$146 90 | \$850 50 | \$313 63 | | |
| 2 | J. Bigler | | | | | | | | | | | |
| 3 | Samuel B. Grice | | | | | | | | | | | |
| 4 | Wm. F. Murphy & Sons | | | | | | | | | | *\$132 53 | |
| 5 | Thos. L. Franklin | | | | | | | | | | | |
| 6 | John Brown | | | | | | | | | | | |
| 7 | James D. Wetham | | | | | | | 153 75 | 844 00 | 376 29 | | |
| 8 | Wm. E. Hooper | | | | | | | | | | | |
| 9 | John Craig | | | | | | | | | | | |
| 10 | Daniel S. Grice | | | | | | | | 1,012 75 | | | \$3 75 |
| 11 | Jos. L. Savage | *13 40 | | *25 25 | *\$233 00 | *127 55 | | | 836 50 | *302 80 | | |
| 12 | H. N. Gilbert | | | | | | | | | | | 50 00 |
| 13 | H. J. Hansen & Son | | | | | | | | 978 50 | 423 55 | | |
| 14 | Wm. D. Kennedy | 14 70 | 109 95 | 31 45 | | 132 33 | 189 35 | *131 25 | 864 50 | 406 95 | | |
| 15 | Thos. W. Beatty | | | | | | | | | | | |
| 16 | John A. Higgins | | | | 358 25 | | | 336 50 | 1,037 25 | | | |
| 17 | J. C. D. Stone | | | | | | | | | | | |
| 18 | Wm. Lang | | 135 70 | | | | | | 868 75 | | | |
| 19 | King & Burchell | | | | | | | | 876 50 | | | |
| 20 | H. N. Easby | | | | | | | | | | | |
| 21 | Wm. Brand & Co | | | | | | | | | | | |
| 22 | Bigler & Wilt | | | | | | | | | | | |
| 23 | Hulseman, Berry, & Hulseman | | | 28 30 | | | | | | | | |
| 24 | Wm. E. Anderson | | | | | | | | | | | |
| 25 | Paul J. Field | | | | 245 95 | | | | 916 50 | | | |
| 26 | Edward G. Stones | | | | | 347 90 | | | | | | |
| 27 | Chas. W. Clement | | | | | | | | | | | |
| 28 | Wm. Matthews | | | | | 139 79 | 173 26 | | | | | |
| 29 | Thomas & Bro. | | | | | 151 74 | | | | | | |
| 30 | Wm. H. Maurice | | | | | | | | | | 176 10 | |
| 31 | James R. Pugh | | | | 242 85 | | | | | | | |
| 32 | Samuel P. Brown | | | | | | | | | | | |

| | | | | | | | | | |
|----|-------------------------|--------|--|--|--------|--------|--------|--------|--------|
| 33 | Samuel Patterson..... | | | | | | | | |
| 34 | J. W. Simes & Co..... | *90 68 | | | 128 42 | | | | |
| 35 | H. H. Coats..... | | | | | | 859 50 | | |
| 36 | Francis Miller..... | | | | | | 924 50 | | |
| 37 | Geo. T. Wallace..... | | | | | | | | |
| 38 | Wm. White..... | | | | | | | | |
| 39 | Wm. McAlister..... | | | | | | | | |
| 40 | Wm. A. Wheeler..... | | | | | | 854 25 | | 166 15 |
| 41 | Duncan & Slimmon..... | | | | | | | | |
| 42 | Wm. M. Shakespeare..... | | | | | | | | |
| 43 | Wm. S. Daughton..... | | | | | | | | |
| 44 | Thockard & Wilney..... | | | | | 169 60 | 935 25 | 376 71 | |

* Lowest, and accepted.

Opened in the presence of:—

H. BRIDGE.
JOHN AMBLER.
JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

No. 6.

Scale of offers to furnish materials for Navy, at the navy-yard, Washington, D. C., under advertisement from the Bureau of Construction, &c., of August 22, 1860.

| No. | Bidders. | Class 10. | Class 21. | Class 22. | No. 23. | Class 24. | Class 25. | Class 27. | Class 31. |
|-----|--------------------------|-------------|------------|-------------------|----------------------|------------|-----------|------------------|-----------|
| | | White pine. | Iron. | Spikes and nails. | Lead, zinc, and tin. | Pig iron. | Hardware. | Paints and oils. | Glass. |
| 1 | William D. Kennedy..... | | | \$124 00 | | | \$259 50 | \$494 80 | \$370 00 |
| 2 | Collins & Co..... | | \$1,595 50 | 152 00 | \$6,321 72 | | 230 50 | *482 60 | *360 00 |
| 3 | Samuel B. Grice..... | \$2,825 00 | | | | | | | |
| 4 | John Craig..... | 1,725 00 | | | | | | | |
| 5 | H. N. Gilbert..... | *1,210 00 | *869 00 | 101 10 | *5,881 00 | \$1,675 00 | | | |
| 6 | H. J. Hansen & Son..... | | | | | | | | |
| 7 | John A. Higgins..... | | 1,502 00 | 203 00 | 6,969 50 | 3,375 00 | | | 1,500 00 |
| 8 | J. C. D. Stone..... | 1,500 00 | | | | | | | |
| 9 | William Lang..... | | 1,206 50 | 146 00 | 6,644 25 | 3,000 00 | | 569 95 | |
| 10 | King & Burchell..... | | | | | | | 495 50 | |
| 11 | H. N. Easby..... | 1,366 25 | | | | 1,975 00 | | | |
| 12 | E. Wheeler, agent..... | | 1,178 50 | 135 00 | 6,889 25 | | 320 50 | | |
| 13 | P. Otterback, jr..... | | | | | | | | |
| 14 | Joseph L. Savage..... | | 1,080 00 | *100 50 | 6,301 50 | *1,669 00 | *229 50 | | |
| 15 | Bigler & Wilt..... | 1,555 00 | | | | | | | |
| 16 | C. Pennock & Co..... | | | | | | | | |
| 17 | Samuel P. Brown..... | 1,675 00 | | | | | | | |
| 18 | J. W. Thompson & Co..... | | | | 6,320 00 | | | | |
| 19 | H. H. Coats..... | 1,895 00 | | | | | | | |
| 20 | Francis Miller..... | | | | | | | | |
| 21 | David Keeper, agent..... | | | | | | | | |
| 22 | Esau Pickrell..... | 1,342 00 | | | | | | | |
| 23 | William S. Doughton..... | 1,845 00 | | | | | | | |

* Lowest and accepted.

No. 6—Continued.

| No. | Bidders. | Class 32. | Class 38. | Class 39. | Class 43. | Class 44. | Class 45. | Class 47. | Class 48. |
|-----|--------------------------|-----------|---------------------------|-----------------|-----------------------------------|-------------|---------------|-----------|-----------|
| | | Leather. | Tallow, soap, and oil. | Ship chandlery. | Boiler, tank, and galley iron. | Chain iron. | Ingot copper. | Bellows. | Poles. |
| 1 | William D. Kennedy..... | \$19 69 | \$400 00 | \$394 30 | | | | | |
| 2 | Collins & Co..... | | 392 50 | 247 92 | | | | | |
| 3 | Samuel B. Grice..... | | | | | | | | \$100 00 |
| 4 | John Craig..... | | | | | | | | |
| 5 | H. N. Gilbert..... | | | | | | | | |
| 6 | H. J. Hansen & Son..... | | 459 00 | 305 75 | | | | | |
| 7 | John A. Higgins..... | 42 00 | | | 2,777 00 | | | | |
| 8 | J. C. D. Stone..... | | | | | | | | |
| 9 | William Lang..... | | 469 00 | | 2,634 75 | 4,800 00 | 23,750 00 | | |
| 10 | King & Burchell..... | | *373 00 | | | | | | |
| 11 | H. N. Easby..... | | | | | | 24,500 00 | | 75 00 |
| 12 | E. Wheeler, agent..... | | | | | | | \$192 00 | |
| 13 | P. Otterback, jr..... | | | | | | | | *40 00 |
| 14 | Joseph L. Savage..... | *19 04 | | *247 37 | 2,110 25 | 3,940 00 | 23,700 00 | *189 00 | |
| 15 | Bigler & Wilt..... | | | | | | | | |
| 16 | C. Pennock & Co..... | | | | 2,119 50 | | | | |
| 17 | Samuel P. Brown..... | | | | | | | | |
| 18 | J. W. Thompson & Co..... | | | | | | | | |
| 19 | H. H. Coats..... | | 415 50 | | | | | | |
| 20 | Francis Müller..... | | 451 00 | | | | | | |
| 21 | David Keeper, agent..... | | | | | | 24,900 00 | | |
| 22 | Esau Pickrell..... | | 417 25 | | | | | | |
| 23 | William S. Doughton..... | | | | | | | | |

* Lowest, and accepted.

Opened in presence of—

H. BRIDGE.
JOHN AMBLER.
JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

Scale of offers to furnish materials for the Navy, at the navy-yard, Gosport, Virginia, under advertisement from the Bureau of Construction, &c., of August 22, 1860.

| No. | Bidders. | Class 1. | Class 6. | Class 11. | Class 16. | Class 18. | Class 21. | Class 22. | Class 23. | Class 24. | Class 25. | Class 27. | Class 28. |
|-----|-----------------------|-----------------|-------------------------------|-----------|---------------|-------------|------------|-------------------|----------------------|------------|------------|------------------|--------------|
| | | White oak logs. | Yellow pine plank stock logs. | Elm. | Black spruce. | Lignunvite. | Iron. | Spikes and nails. | Lead, zinc, and tin. | Pig iron. | Hardware. | Paints and oils. | Flax canvas. |
| 1 | Wm. D. Kennedy | | | | | | (*) | \$620 00 | \$1,021 00 | | | | |
| 2 | Collins & Co. | | | | | | | 487 00 | 938 76 | \$1,438 00 | \$2,412 30 | \$4,403 50 | |
| 3 | J. Westcott & Co. | | | | | | | | | | | 4,400 40 | \$4,860 00 |
| 4 | Samuel B. Grice | \$18,000 00 | \$5,250 00 | \$100 00 | \$785 00 | \$1,500 00 | | | | | | | |
| 5 | John Brown | 10,000 00 | | | 1,406 00 | | | | | | | | |
| 6 | Wm. E. Hooper | | | | | | | | | | | | |
| 7 | R. B. Knight | | 3,000 00 | | | | | | | | | | |
| 8 | Daniel S. Grice | | | | | | | | | | | | |
| 9 | Joseph L. Savage | 19,200 00 | | | 3,572 70 | 650 00 | | | | | | | |
| 10 | Wm. P. Griffith | | | | | | \$7,224 50 | 435 00 | 1,030 00 | 4,167 00 | 2,336 10 | | 4,205 00 |
| 11 | H. N. Gilbert | 46,800 00 | 4,550 00 | 41 00 | 4502 50 | 4295 00 | 46,554 00 | 410 50 | 4868 00 | 1,170 00 | | | |
| 12 | John H. Higgins | | | | | 535 00 | 9,164 00 | 812 50 | 1,094 00 | 1,870 00 | | 6,567 00 | |
| 13 | J. C. D. Stone | 15,600 00 | 3,900 00 | | 860 00 | | | | | | | | |
| 14 | Allyn, Rose & Co. | | | | | | 7,197 00 | 533 00 | 934 00 | | | | |
| 15 | H. J. Hansen & Son | | | | | | | | | | 2,331 07 | | |
| 16 | King & Burchell | | | | | | | | | | | | |
| 17 | H. N. Easby | | | | | | | | | | | | |
| 18 | Wm. Brand & Co. | | | | | | | | | 1,360 00 | | | |
| 19 | Wilson & Williams | | | | | | | | | | | | |
| 20 | W. E. Anderson | | | | | | | | | | | | 4,345 00 |
| 21 | William Matthews | | 5,700 00 | | | | | | | | | 4,771 50 | |
| 22 | Joseph Temple | | | | | | | | | | | | |
| 23 | George W. Lawrence | 20,000 00 | 3,750 00 | | | | | | | | | | 4,228 00 |
| 24 | C. E. Pennock & Co. | | | | 1,638 00 | | | | | | | | |
| 25 | James R. Pugh | | | | | | 9,252 50 | | | | | | |
| 26 | Griffith, Moore & Co. | | | | | | | | | | | | |
| 27 | King & Toy | | | | | | | 543 00 | 1,069 00 | | 2,720 58 | | |
| | | | | | | | | | | | | 4,544 50 | |

| | | | | | | | | | | | | |
|----|-------------------------|-----------|----------|--------|----------|--------|----------|--------|----------|----------|-----------|-----------|
| 28 | Samuel P. Brown..... | 19,600 00 | 5,100 00 | | | | | | | | | |
| 29 | W. T. Capps..... | | | 778 00 | | | (*) | 587 75 | 970 50 | | 12,250 26 | |
| 30 | Edward W. Moore..... | | | | | | | 715 00 | 1,120 00 | 1,630 00 | | |
| 31 | H. N. Coats..... | 14,000 00 | 3,750 00 | 60 00 | 1,313 20 | 950 00 | (*) | | 1,088 00 | | | 10,752 00 |
| 32 | Francis Miller..... | | | | | | | | | | | |
| 33 | George T. Wallace..... | 13,992 00 | 5,250 00 | | | | | | | | | |
| 34 | William Lang..... | | | | | 575 00 | 7,829 00 | 584 50 | 1,014 00 | 1,695 00 | | 4,783 50 |
| 35 | Vickery & Co..... | | | | | | | | | | | |
| 36 | William White..... | 19,200 00 | 3,750 00 | | | | | | | | | |
| 37 | Peters & Reed..... | 17,200 00 | 5,100 00 | 100 00 | | | | | | | 2,604 86 | |
| 38 | William H. Wheeler..... | | | | | | | | | | | |
| 39 | Duncan & Slimmon..... | | | | | | | | | | | 4,672 00 |

* Offers 1, 29, and 31, informal for class 21; offer for part of class.
† Lowest and accepted.

No. 7—Continued.

| No. | Bidders. | Class 29. | Class 30. | Class 31. | Class 32. | Class 33. | Class 34. | Class 35. | Class 37. | Class 38. | Class 39. | Class 40. |
|-----|---------------------------|----------------|------------------------|-----------|-------------|------------|-----------|------------------------|------------------------|------------------------|-----------------|-------------|
| | | Cotton canvas. | Flax and cotton twine. | Glass. | Leather. | Hose. | Brushes. | Bunting and dry goods. | Pitch, tar, and rosin. | Tallow, soap, and oil. | Ship chandlery. | Stationery. |
| 1 | Wm. D. Kennedy..... | | \$268 00 | \$644 00 | *\$1,510 00 | | \$297 50 | \$763 50 | \$446 50 | \$2,128 50 | \$1,278 15 | |
| 2 | Collins & Co..... | | *236 00 | *639 60 | 1,511 00 | | 287 00 | 633 53 | 433 00 | \$2,079 00 | 1,080 70 | |
| 3 | J. Westcott & Co..... | | | | | | | | | | | |
| 4 | Samuel B. Grice..... | | | | | | | | | | | |
| 5 | John Brown..... | | | | | | | | | | | |
| 6 | Wm. E. Hooper..... | \$2,260 00 | | | | | | | | | | |
| 7 | R. B. Knight..... | | | | | | | | | | | |
| 8 | Daniel S. Grice..... | | | | | | | | | | | |
| 9 | Joseph L. Savage..... | *2,215 00 | 252 00 | | 1,573 50 | \$1,100 00 | 219 34 | 635 15 | | | 1,067 25 | |
| 10 | Wm. P. Griffith..... | | | | | | | | | | | \$384 09 |
| 11 | H. N. Gilbert..... | | | | | | | | *402 50 | *1,920 50 | | |
| 12 | John A. Higgins..... | | 540 00 | 1,083 00 | 2,560 00 | 1,587 50 | 454 00 | 908 00 | 938 00 | 2,500 00 | 2,080 00 | |
| 13 | J. C. D. Stone..... | | | | | | | | | | | |
| 14 | Allyn, Rose & Co..... | | | | | 1,078 50 | *159 70 | | | | | |
| 15 | H. J. Hansen & Son..... | | | | | | | | | | *1,060 13 | |
| 16 | King & Burchell..... | | | | | | | | | 2,364 50 | 1,271 00 | |
| 17 | H. N. Easby..... | | | | | | | | | 2,194 00 | | |
| 18 | Wm. Brand & Co..... | | | | | | | | | | | |
| 19 | Wilson & Williams..... | | | | | | | | | | | |
| 20 | W. E. Anderson..... | | | | | | | | | 2,535 50 | | |
| 21 | William Matthews..... | | | | | | | | | | | |
| 22 | Joseph Temple..... | | | | | | 286 60 | *599 00 | | | | |
| 23 | George W. Lawrence..... | | | | | | | | | | | |
| 24 | C. E. Pennock & Co..... | | | | | | | | | | | |
| 25 | James R. Pugh..... | | | | 1,511 00 | *972 50 | | | | | | |
| 26 | Griffith, Moore & Co..... | | | | | | | | | | | |
| 27 | King & Toy..... | | | | | | | | | | | |
| 28 | Samuel P. Brown..... | | | | | | | | | | | |
| 29 | W. T. Capps..... | | | | | | 180 40 | | | | 1,361 15 | |

| | | | | | | | | | | | |
|----|-------------------------|--|--|--|--|--|--|--|--------|----------|---------|
| 30 | Edward W. Moore..... | | | | | | | | | | |
| 31 | H. N. Coats..... | | | | | | | | | | |
| 32 | Francis Miller..... | | | | | | | | | 2,244 50 | |
| 33 | George F. Wallace..... | | | | | | | | | 2,263 00 | |
| 34 | William Lang..... | | | | | | | | | | |
| 35 | Vickery & Co..... | | | | | | | | | | *368 85 |
| 36 | William White..... | | | | | | | | | | |
| 37 | Peters & Reed..... | | | | | | | | | | |
| 38 | William A. Wheeler..... | | | | | | | | 465 50 | | |
| 39 | Duncan & Slimmop..... | | | | | | | | | 2,082 35 | 381 55 |

* Lowest and accepted.

Opened in presence of—

H. BRIDGE.
JOHN AMBLER.
JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

No. 8.

Scale of offers to furnish materials for the Navy, at the navy-yard, Warrington, Florida, under advertisement from the Bureau of Construction, &c., of August 22, 1860.

| No. | Bidders. | Class 2. | Class 10. | Class 14. | Class 15. | Class 21. | Class 22. | Class 23. |
|-----|-------------------------|------------------|-------------|-----------------|-------------------------------|------------|-------------------|----------------------|
| | | White oak plank. | White pine. | White ash oars. | White oak staves and heading. | Iron. | Spikes and nails. | Lead, zinc, and tin. |
| 1 | Collins & Co | | | | | \$1,399 00 | *\$320 70 | \$466 07 |
| 2 | Samuel B. Grice..... | \$1,200 00 | \$1,445 00 | \$400 00 | \$490 00 | | | |
| 3 | John Brown..... | 1,600 00 | | | | | | |
| 4 | John Craig..... | | 1,350 00 | | | | | |
| 5 | H. N. Gilbert..... | 7,250 00 | *1,101 00 | | | *885 00 | 747 40 | 499 50 |
| 6 | H. J. Hansen & Co | | | | | | | |
| 7 | Geo. H. Oneal..... | 1,480 00 | 1,810 00 | 200 00 | 280 00 | 2,034 00 | 411 50 | 606 00 |
| 8 | John H. Higgins..... | | | | | 1,712 00 | 790 50 | 751 50 |
| 9 | J. C. D. Stone..... | 1,040 00 | 1,395 00 | | | | | |
| 10 | Wm. Lang..... | | | | | 1,219 00 | 323 00 | 606 75 |
| 11 | Geo. W. Hooper..... | | | *120 00 | | | | |
| 12 | Geo. W. Lawrence..... | 1,497 00 | 1,488 00 | 600 00 | | | | |
| 13 | John B. Todd..... | | | 160 00 | | | | |
| 14 | Samuel P. Brown..... | 1,439 00 | 1,575 00 | 400 00 | *225 00 | 1,398 50 | 366 30 | 616 50 |
| 15 | Samuel Patterson..... | 1,205 00 | | 300 00 | | | | |
| 16 | Peters & Reed..... | 1,760 00 | 1,280 00 | | | | | |
| 17 | Wm. A. Wheeler..... | | | | | | | |
| 18 | Wm. M. Shakespeare..... | *912 00 | | | | | | †318 96 |

* Lowest, and accepted.

† Offer No. 17, for Class 23, declined, and awarded to next lowest.

No. 8—Continued.

| No. | Bidders. | Class 25. | Class 27. | Class 30. | Class 37. | Class 38. | Class 39. | Class 40. |
|-----|--------------------------|-------------|------------------|------------------------|------------------------|------------------------|-----------------|-------------|
| | | Hardware. | Paints and oils. | Flax and cotton twinc. | Pitch, tar, and rosin. | Tallow, soap, and oil. | Ship chandlery. | Stationery. |
| 1 | Collins & Co | *\$1,926 30 | *\$1,129 70 | *\$184 00 | *\$346 50 | \$1,388 00 | *\$809 60 | *\$267 80 |
| 2 | Samuel B. Grice | | | | | | | |
| 3 | John Brown | | | | | | | |
| 4 | John Craig | | | | | | | |
| 5 | H. N. Gilbert | | | | | | | |
| 6 | H. J. Hansen & Co. | | | | | 1,335 00 | | |
| 7 | Geo. H. Oneal | 2,121 70 | 1,447 50 | 240 00 | 382 25 | 1,655 00 | 835 30 | |
| 8 | John H. Higgins | | 1,653 00 | | 835 00 | 1,695 00 | 812 85 | 336 00 |
| 9 | J. C. P. Stone | | | | | 2,062 50 | | |
| 10 | Wm. Lang | | 1,165 35 | | | | | |
| 11 | Geo. W. Hooper | | | | | 1,575 00 | | |
| 12 | Geo. W. Lawrence | | | | | | | |
| 13 | John B. Todd | 1,980 60 | 1,131 25 | 240 00 | 379 00 | *1,290 00 | 1,494 00 | |
| 14 | Samuel P. Brown | | | | | | | |
| 15 | Samuel Patterson | | | | | | | |
| 16 | Peters & Reed | | | | | | | |
| 17 | Wm. A. Wheeler | | 1,147 75 | | | | | |
| 18 | Wm. M. Shakespeare | | | | | 1,426 25 | | 270 70 |

* Lowest, and accepted.

Opened in the presence of—

H. BRIDGE.
JOHN AMBLER.
JAMES SELDEN.

SEPTEMBER 21, 22, and 24, 1860.

List of contracts, embracing all coming under the cognizance of the Bureau of Construction, Equipment, and Repairs.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-----------------------|---|---------------------|------------------------------|
| 1860. Oct. 25 | 1861. Dec. 31 | H. N. Gilbert..... | <p><i>Class No. 8, Yellow Pine Mast and Spar Timber—1860-61.</i></p> <p>12 pieces, 54 feet long, 18½ inches square, and parrallel, 4 pieces, 51 feet long, 18½ do. do..... 4 pieces, 45 feet long, 18 do. do..... 2 pieces, 55 feet long, 16 do. do..... 4 pieces, 54 feet long, 16 do. do..... 4 pieces, 50 feet long, 16 do. do..... 4 pieces, 45 feet long, 16 do. do..... 1 piece, 70 feet long, 23 inches square at but and 18 inches at top end..... 1 piece, 65 feet long, 23 inches square at but and 18 inches at top end..... 4 pieces, 66 feet long, 20½ inches square at but and 17 inches at top end..... 4 pieces, 59 feet long, 20½ inches square at but and 17 inches at top end..... 5 pieces, 53 feet long, 17 inches square at but and 16 inches at top end..... 4 pieces, 50 feet long, 17 inches square at but and 16 inches at top end..... 6 pieces, 51 feet long, 19 inches square at but, 17 inches ¾ from but, and 11 inches at the end, for half yard..... 4 pieces, 55 feet long, 20 inches square at the but, 18 inches ¾ from but, 12 inches at the end, for half yard..... 8 pieces, 50 feet long, 19 inches square at but, 17 inches ¾ from but, 11 inches at top end, for half yard..... 4 pieces, 46 feet long, 16 inches square at the but, 14 inches ¾ from the but, 11 inches at end, for half yard..... Estimated to contain 9,095 cubic feet.....</p> | \$0 30 per cubic ft | Kittery. |

Oct. 25 June 30

H. N. Gilbert.....

Class No. 10, White Pine—1860-61.

| | | |
|---|---------------------|----------|
| 10,000 feet, board measure, white pine boards No. 1, 1 inch..... | \$22 00 per M feet. | Kittery. |
| 4,000 feet, board measure, white pine plank No. 1, 2 inch..... | 23 00 do. | |
| 10,000 feet, board measure, white pine boards No. 2, 1 inch..... | 20 00 do. | |
| 10,000 feet, board measure, white pine plank No. 2, 2 inch..... | 21 00 do. | |
| 5,000 feet, board measure, white pine plank No. 2, 3 inch..... | 21 00 do. | |
| 15,000 feet, board measure, white pine stage plank, 3 inch..... | 20 00 do. | |

Class No. 11, Ash Plank—1860-61.

| | |
|---|-----------|
| 4,000 feet, board measure, clear white ash plank, 1 to 3 inch..... | 38 00 do. |
|---|-----------|

Class No. 14, White Ash Oar Rafters—1860-61.

| | |
|---|------------|
| 1,500 feet white ash oar rafters, from 15 to 18 feet long..... | 6 per foot |
|---|------------|

Class No. 21, Iron—1860-61.

| | |
|---|---------------------------|
| 5,000 pounds round iron, from $\frac{3}{4}$ to $2\frac{1}{2}$ inch..... | $2\frac{1}{2}$ per pound. |
| 1,000 pounds round iron, from $2\frac{1}{4}$ to 3 inch..... | 3 do. |
| 1,000 pounds square iron, from $\frac{1}{2}$ to 2 inch..... | 3 do. |
| 1,000 pounds square iron, hammered, from 1 to 5 inch. | 3 do. |
| 1,000 pounds flat iron, from $\frac{1}{4}$ to 1 inch thick, and from $1\frac{1}{4}$ to 9 inches wide..... | $2\frac{1}{2}$ do. |
| 2,000 pounds flat iron, $1\frac{1}{4}$ to 2 inches thick, and from 3 to 10 inches wide..... | 3 do. |
| 1,000 pounds thimble iron, $\frac{3}{16}$ to $\frac{5}{8}$ inch thick, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches wide..... | $3\frac{1}{2}$ do. |

Class No. 22, Spikes and Nails—1860-61.

| | |
|---|--------------------|
| 500 pounds hand-made wrought iron spikes, from 4 to 6 inches long..... | $3\frac{1}{2}$ do. |
|---|--------------------|

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|---|-------------------------------------|
| 1860. Oct. 25 | 1861. June 30 | H. N. Gilbert—Continued. | <p>1,000 pounds hand-made wrought-iron spikes, 6½ to 8½ inches long.....</p> <p>300 pounds wrought-iron nails, 6d to 30d.....</p> <p>1,000 pounds wrought-iron cut nails, 4d to 40d.....</p> <p>200 pounds wrought-iron cut sheathing nails, 2 to 3 inch.....</p> <p style="text-align: center;"><i>Class No. 23, Lead, Zinc, and Tin—1860-61.</i></p> <p>1,000 pounds drawn lead pipe, 1 to 3 inches diameter..</p> <p>2,000 pounds slab zinc.....</p> <p>1,000 pounds banca tin.....</p> <p>4 boxes tin plate, DX, 14 by 20 inches.....</p> <p style="text-align: center;"><i>Class No. 41, Firewood—1860-61.</i></p> <p>6 cords oak wood.....</p> <p>3 cords pine wood.....</p> <p style="text-align: center;"><i>Class No. 1, White Oak Logs—1860-61.</i></p> <p>25,000 cubic feet white oak plank stock logs.....</p> <p style="text-align: center;"><i>Class No. 6, Yellow Pine Plank Stock Logs—1860-61.</i></p> <p>25,000 cubic feet yellow pine plank stock logs.....</p> <p style="text-align: center;"><i>Class No. 10, White Pine—1860-61.</i></p> <p>5,000 feet, board measure, white pine boards No. 1, 1 inch.....</p> <p>4,000 feet, board measure, white pine boards No. 2, 1 inch.....</p> | <p>\$0 03½ per pound.</p> <p>6 do.</p> <p>3½ do.</p> <p>3 do.</p> <p>7½ do.</p> <p>6½ do.</p> <p>30 do.</p> <p>13 00 per box.</p> <p>6 62 per cord.</p> <p>3 75 do.</p> <p>29 per cubic foot.</p> <p>26 do.</p> <p>20 00 per M feet.</p> <p>19 00 do.</p> | <p>Kittery.</p> <p>Charlestown.</p> |

| | | |
|--|-------|-----------------|
| 4,000 feet, board measure, white pine plank No. 1, from 1½ to 2 inches, inclusive..... | 21 00 | do. |
| 2,000 feet, board measure, white pine plank No. 1, from 2½ to 3 inches, inclusive..... | 22 00 | do. |
| 1,000 feet, board measure, white pine plank No. 1, from 3½ to 4 inches, inclusive..... | 23 00 | do. |
| 4,000 feet, board measure, white pine plank No. 2, from 1½ to 2 inches, inclusive..... | 20 00 | do. |
| 1,000 feet, board measure, white pine plank No. 2, from 2½ to 3½ inches, inclusive..... | 23 00 | do. |
| <i>Class No. 11, Ash and Cypress—1860-61.</i> | | |
| 2,000 feet, board measure, clear white ash plank, from 1 to 2 inches thick..... | 31 00 | do. |
| 2,000 feet, board measure, clear white ash plank, from 2½ to 4 inches thick..... | 34 00 | do. |
| 2,000 feet, board measure, clear cypress boards and plank, from ¾ to 1½ inch..... | 43 00 | do. |
| 200 cubic feet round ash logs, 10 to 14 feet long, 18 inches diameter at top end..... | 51 | per cubic foot. |
| 50 cubic feet red cedar..... | 50 | do. |
| <i>Class No. 12, Black Walnut, Cherry, &c.—1860-61.</i> | | |
| 1,000 feet, board measure, black walnut, from 1 to 3 inches thick..... | 37 00 | per M feet. |
| 600 feet board measure, Saint Domingo mahogany plank, 1 to 3½ inches thick..... | 5 | per foot. |
| <i>Class No. 15, White Oak Staves and Heading—1860-61.</i> | | |
| 100 pieces white oak staves, in length 56 inches..... | 7 | per piece. |
| 100 pieces white oak staves, in length 44 inches..... | 6 | do. |
| 200 pieces white oak staves, in length 34 inches..... | 6 | do. |
| 200 pieces white oak heading, in length 32 inches..... | 6 | do. |
| 200 pieces prime white-ash barrel staves..... | 8 | do. |
| <i>Class 41, Fire wood—1860-61.</i> | | |
| 16 cords oak wood..... | 5 00 | per cord. |
| 6 cords pine wood..... | 3 50 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 25 | 1861. June 30 | H. N. Gilbert—Continued. | 1 cord hickory wood..... <i>Class No. 1, White Oak Logs—1860-61.</i> | \$6 00 per cord. | Charlestown. |
| Oct. 25 | Dec. 1 | H. N. Gilbert..... | 20,000 cubic feet white oak plank stock logs..... <i>Class No. 3, White Oak Promiscuous Timber—1860-61.</i> | 24 per cubic foot. | Brooklyn. |
| Oct. 25 | May 6 | H. N. Gilbert..... | 4,000 cubic feet white oak curved timber..... <i>Class No. 10, White Pine—1860-61.</i> | 23 per cubic foot. | |
| Oct. 25 | June 30 | H. N. Gilbert..... | 3,000 cubic feet white pine logs..... 20,000 feet, board measure, white pine boards, No. 1, from $\frac{1}{2}$ inch to 1 inch, inclusive..... 25,000 feet, board measure, white pine boards, No. 2, from $\frac{1}{2}$ to 1 inch, inclusive..... 20,000 feet, board measure, white pine plank, No. 1, from $1\frac{1}{4}$ to 2 inch, inclusive..... 20,000 feet, board measure, white pine plank, No. 2, from $1\frac{1}{8}$ to 2 inch, inclusive..... 3,000 feet, board measure, white pine plank, No. 2, from $2\frac{1}{2}$ to $3\frac{1}{2}$ inch, inclusive..... 1,000 pieces No. 1 Albany plank..... 1,500 pieces No. 2 Albany plank..... 1,000 pieces No. 2 Albany boards..... <i>Class No. 11, Ash and Cypress—1860-61.</i> | 17 per cubic foot. 33 00 per M feet. 21 00 do. 31 00 do. 22 00 do. 22 00 do. 38 per piece. 28 do. 20 do. | |
| | | | 4,000 feet, board measure, clear eastern white ash plank, $1\frac{1}{2}$ to 2 inch..... 2,000 feet, board measure, clear eastern white ash plank, $2\frac{1}{2}$ to 4 inch..... | 24 00 per M feet. 25 00 do. | |

| | | | | | | | | |
|------|----|------|----|---|---|-------------|--------------------|---------------|
| | | | | 2,000 feet, board measure, clear cypress boards and plank, from $\frac{3}{4}$ to $1\frac{1}{4}$ inch..... | 25 00 | do. | | |
| | | | | <i>Class No. 41, Firewood—1860-61.</i> | | | | |
| | | | | 50 cords oak wood..... | 5 00 | per cord. | | |
| | | | | 5 cords pine wood, southern..... | 4 00 | do. | | |
| | | | | 50 cords hickory wood..... | 7 00 | do. | | |
| | | | | <i>Class No. 2, White Oak Plank—1860-61.</i> | | | | |
| Oct. | 25 | Dec. | 1 | H. N. Gilbert..... | 25,000 board feet 7-inch plank..... | 29 00 | per M feet. | Philadelphia. |
| | | | | | 20,000 board feet 6-inch plank..... | 27 00 | do. | |
| | | | | | <i>Class No. 6, Yellow Pine Plank Stock Logs—1860-61.</i> | | | |
| Oct. | 25 | June | 30 | H. N. Gilbert..... | 10,000 cubic feet yellow pine plank stock logs..... | | 23 per cubic foot. | |
| | | | | | <i>Class No. 10, White Pine—1860-61.</i> | | | |
| | | | | 55,000 feet, board measure, white pine boards, No. 1, from $\frac{3}{8}$ to 1 inch, inclusive..... | 27 00 | per M feet. | | |
| | | | | 5,000 feet, board measure, white pine boards, No. 2, from $\frac{1}{2}$ to 1 inch, inclusive..... | 25 00 | do. | | |
| | | | | 25,000 feet, board measure, white pine plank, No. 1, from $1\frac{1}{4}$ to 2 inch, inclusive..... | 27 00 | do. | | |
| | | | | 2,500 feet, board measure, white pine plank, No. 1, from $2\frac{1}{2}$ to 3 inch, inclusive..... | 30 00 | do. | | |
| | | | | 2,500 feet, board measure, white pine plank, No. 1, from $3\frac{1}{4}$ to 4 inch, inclusive..... | 30 00 | do. | | |
| | | | | 15,000 feet board measure, white pine stage plank, 3 inch..... | 25 00 | do. | | |
| | | | | <i>Class No. 16, Black Spruce—1860-61.</i> | | | | |
| | | | | 10 pieces black spruce spars, from 60 to 65 feet long... | 5 00 | each. | | |
| | | | | 15 pieces black spruce spars, from 50 to 55 feet long... | 5 00 | do. | | |
| | | | | 125 pieces black spruce poles, $2\frac{1}{2}$ inches diameter, 23 feet long..... | 1 00 | do. | | |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|--|---------------------|--------------------------|--|----------------------------|------------------------------|
| 1860. Oct. 25 | 1861. June 30 | H. N. Gilbert—Continued. | <i>Class No. 23, Lead, Zinc, and Tin—1860-61.</i> | | |
| | | | 1,000 pounds pig lead..... | \$0 5 per pound. | Philadelphia. |
| | | | 250 pounds drawn lead pipe, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches diameter..... | 7 do. | |
| | | | 300 pounds sheet zinc..... | 7 do. | |
| | | | 100 pounds banca tin..... | 30 do. | |
| | | | 8 pounds brazier's solder..... | 25 do. | |
| | | | 15 pounds tinner's or soft solder..... | 20 do. | |
| | | | <i>Class No. 41, Firewood—1860-61.</i> | | |
| | | | 5 cords oak wood..... | 6 00 per cord. | |
| | | | 5 cords pine wood, southern..... | 4 00 do. | |
| | | | <i>Class No. 10, White Pine—1860-61.</i> | | |
| | | | 5,000 feet, board measure, white pine boards, No. 1, from 1 to $1\frac{1}{2}$ inch, inclusive..... | 34 00 per M feet. | Washington. |
| | | | 10,000 feet, board measure, white pine boards, No. 1, from 2 to 3 inch inclusive..... | 34 00 do. | |
| | | | 50,000 feet board measure, white pine boards, No. 3, from 1 to 2 inch, inclusive..... | 14 00 do. | |
| | | | <i>Class No. 21, Iron—1860-61.</i> | | |
| | | | 20,000 pounds round iron, from $\frac{3}{16}$ to $2\frac{1}{4}$ inch..... | 2 $\frac{1}{2}$ per pound. | |
| | | | 2,000 pounds round iron, from $2\frac{5}{8}$ to 4 inch..... | 2 do. | |
| | | | 2,200 pounds square iron, from $\frac{1}{2}$ to $2\frac{1}{2}$ inch..... | 2 do. | |
| 4,000 pounds flat iron, from $\frac{1}{4}$ to $1\frac{1}{2}$ inch thick, and from $1\frac{1}{4}$ to 9 inches wide..... | 2 $\frac{1}{2}$ do. | | | | |
| 1,000 pounds hammered iron, as ordered..... | 4 do. | | | | |
| 600 pounds best cast steel, from $\frac{1}{2}$ to 4 inches square... | 9 do. | | | | |
| 400 pounds best cast steel, from $\frac{1}{2}$ to 4 inches round.... | 7 do. | | | | |

| | | |
|--|---|-----|
| 200 pounds best cast steel, from $\frac{1}{2}$ to 2 inches octagon. | 5 | do. |
| 300 pounds best shear steel, from $\frac{3}{8}$ to $1\frac{1}{2}$ inch thick, by 2 to 4 inches wide | 9 | do. |
| 250 pounds best large size blister steel..... | 8 | do. |
| 100 pounds best spring steel..... | 6 | do. |

Class No. 23, Lead, Zinc, and Tin—1860-61.

| | | |
|--|----|------------|
| 75,000 pounds best Missouri pig lead | 6 | per pound. |
| 2,400 pounds slab zinc..... | 7 | do. |
| 4,000 pounds best English or banca tin | 29 | do. |
| 150 pounds best braziers' solder..... | 22 | do. |
| 250 pounds best lead pipe..... | 8 | do. |

Washington.

Class No. 43, Boiler, Tank, and Galley Iron—1860-61.

| | | |
|--|-----------------|-----|
| 3,000 pounds boiler plate iron, $\frac{1}{8}$ to $\frac{1}{2}$ inch thick, from 20 to 60 inches wide, and 50 to 120 inches long.... | 3 $\frac{1}{2}$ | do. |
| 25,000 pounds plate iron, $\frac{1}{8}$ to $\frac{1}{2}$ inch thick, from 20 to 60 inches wide, and 40 to 90 inches long..... | 3 | do. |
| 12,000 pounds galley plate iron, as ordered..... | 4 | do. |
| 6,750 pounds galley bar iron, as ordered..... | 3 | do. |
| 1,000 pounds sheet iron, 26 by 52 inches, No. 14 wire gauge | 6 | do. |
| 4,500 pounds iron rivets, from $\frac{1}{4}$ to 1 inch in diameter.. | 5 | do. |
| 100 pounds iron rivets, $\frac{1}{2}$ inch long, exclusive of the head, by $\frac{1}{4}$ inch in diameter..... | 7 | do. |

Class No. 44, Chain Iron—1860-61.

| | | |
|--|-----------------|-----|
| 40,000 pounds chain iron, from $\frac{5}{8}$ to 1 inch in diameter. | 3 $\frac{1}{2}$ | do. |
| 40,000 pounds chain iron, from $1\frac{1}{8}$ to 2 inches in diameter | 3 $\frac{1}{4}$ | do. |

Class No. 45, Ingot Copper—1860-61.

| | | |
|--|----|-----|
| 100,000 pounds best quality ingot copper | 21 | do. |
|--|----|-----|

Class No. 1, White Oak Logs—1860-61.

| | | | |
|-----------------------------------|--|--------------------|----------|
| Oct. 25 Dec. 1 H. N. Gilbert..... | 40,000 cubic feet white oak plank stock..... | 17 per cubic foot. | Gosport. |
|-----------------------------------|--|--------------------|----------|

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|---------|-------------|--------------------------|--|------------------------|------------------------------|
| 1860. | 1861. | | <i>Class No. 6, Yellow Pine Plank Stock Logs—1860-61.</i> | | |
| Oct. 25 | Dec. 1 | H. N. Gilbert—Continued. | 15,000 cubic feet yellow pine plank stock logs..... | \$0 17 per cubic foot. | Gosport. |
| | | | <i>Class No. 11, Elm—1860-61.</i> | | |
| Oct. 25 | June 30 | H. N. Gilbert..... | 1,000 feet, board measure, elm, 3 inches, and not less than 18 inches wide | 41 00 do. | |
| | | | <i>Class No. 16, Black Spruce—1860-61.</i> | | |
| | | | 20 spruce spars, 9 inches diameter, to average 5 feet long for 1 inch diameter | 15 per inch. | |
| | | | 30 spruce spars, 8 inches diameter, to average 5 feet long for 1 inch diameter..... | 15 do. | |
| | | | 30 spruce spars, 7 inches diameter, to average 5 feet long for 1 inch diameter..... | 15 do. | |
| | | | 50 spruce spars, 4 inches diameter, to average 5 feet long for 1 inch diameter..... | 15 do. | |
| | | | 6 pieces sticks, 65 feet long, 15 inches diameter $\frac{1}{3}$ from but..... | 10 00 each. | |
| | | | 6 pieces sticks, 60 feet long, 14 inches diameter $\frac{1}{3}$ from but..... | 9 00 do. | |
| | | | 12 pieces sticks, 55 feet long, 13 inches diameter $\frac{1}{3}$ from but..... | 7 00 do. | |
| | | | 20 pieces sticks, 45 feet long, 11 inches diameter $\frac{1}{3}$ from but..... | 4 00 do. | |
| | | | 20 pieces sticks, 50 feet long, 12 inches diameter $\frac{1}{3}$ from but..... | 5 00 do., | |
| | | | <i>Class No. 18, Lignumvitæ—1860-61.</i> | | |
| | | | 5 tons lignumvitæ, 3 to 5 inch | 24 00 per ton. | |
| | | | 5 tons lignumvitæ, 6 to 12 inch..... | 35 00 do. | |

Class No. 21 Iron—1860-61.

| | | |
|---|----------------|------------|
| 70,000 pounds round iron, from $\frac{3}{8}$ to $2\frac{1}{2}$ inch | 2 | per pound. |
| 10,000 pounds round iron, from $2\frac{3}{8}$ to 3 inch | 3 | do. |
| 8,000 pounds round iron, from $3\frac{1}{4}$ to 6 inch | $2\frac{1}{2}$ | do. |
| 30,000 pounds square iron, from $\frac{1}{2}$ to 2 inch | 3 | do. |
| 10,000 pounds square iron, from $2\frac{1}{4}$ to $5\frac{1}{2}$ inch | 3 | do. |
| 5,000 pounds hammered square iron, from 1 to 5 inch .. | 3 | do. |
| 30,000 pounds flat iron, $1\frac{1}{4}$ to 1 inch thick, from $1\frac{1}{4}$ to 9 inches wide | 3 | do. |
| 20,000 pounds flat iron, from $1\frac{1}{4}$ to 2 inches thick, from 4 to 10 inches wide | $2\frac{1}{2}$ | do. |
| 10,000 pounds T iron | $4\frac{1}{4}$ | do. |
| 4,000 pounds angle iron | 4 | do. |
| 2,000 pounds thimble iron, $\frac{3}{16}$ to $\frac{5}{16}$ inch thick, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches wide | 4 | do. |
| 3,000 pounds best charcoal boiler iron, $\frac{3}{8}$ inch | $4\frac{1}{2}$ | do. |
| 3,000 pounds best charcoal boiler iron, $\frac{1}{8}$ inch | $4\frac{1}{2}$ | do. |
| 2,000 pounds best charcoal boiler iron, $\frac{1}{4}$ inch | $4\frac{1}{2}$ | do. |
| 2,000 pounds best charcoal boiler iron, $\frac{3}{8}$ inch | 5 | do. |
| 2,000 pounds puddle plate iron, $\frac{1}{8}$ inch thick | 3 | do. |
| 2,000 pounds puddle plate iron, $\frac{1}{16}$ inch | 4 | do. |
| 4,000 pounds boiler rivets | 6 | do. |
| 1,000 pounds bolts and nuts, $\frac{5}{8}$ by $1\frac{1}{2}$ inch | 7 | do. |
| 1,000 pounds bolts and nuts, $\frac{3}{8}$ by 2 inches | 7 | do. |
| 800 pounds sheet iron, Nos. 12 to 20 | 5 | do. |
| 500 pounds Russia sheet iron, Nos. 10 to 20 | 11 | do. |
| 1,000 pounds best cast-steel, from $\frac{3}{8}$ to $2\frac{1}{2}$ inches square. | 12 | do. |
| 500 pounds octagon steel, from $\frac{3}{4}$ to $1\frac{1}{2}$ inch square | 5 | do. |
| 200 pounds German steel | 6 | do. |
| 100 pounds blister steel | 7 | do. |

Class No. 22, Spikes and Nails—1860-61.

| | | |
|---|---|-----|
| 2,000 pounds hand-made wrought-iron spikes, from 4 to 6 inches long | 4 | do. |
| 3,000 pounds hand-made wrought-iron spikes, from $6\frac{1}{2}$ to 8 inches long | 4 | do. |
| 1,000 pounds hand-made wrought-iron spikes, 8 to 10 inches long | 4 | do. |
| 1,000 pounds pressed wrought nails, from 4d to 30d .. | 5 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|---|------------------------------|
| 1860. Oct. 25 | 1861. June 30 | H. N. Gilbert—Continued. | <p>100 pounds clout nails, $\frac{1}{2}$ to $1\frac{1}{4}$ inch.....</p> <p>3,000 pounds iron cut nails, from 4d to 40d.....</p> <p>250 pounds iron finishing nails, from 1 to 2 inch.....</p> <p>50,000 iron cut brads, $\frac{3}{4}$ to $1\frac{1}{2}$ inch.....</p> <p style="text-align: center;"><i>Class No. 23, Lead, Zinc, and Tin—1860-61.</i></p> <p>1,000 pounds drawn lead pipe, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches diameter</p> <p>600 pounds sheet zinc.....</p> <p>2,000 pounds slab zinc</p> <p>2,000 pounds banca tin.....</p> <p>200 pounds brazier's or spelter solder.....</p> <p style="text-align: center;"><i>Class No. 37, Pitch, Tar, and Resin—1860-61.</i></p> <p>20 barrels thin tar, each containing not less than 30 gallons.....</p> <p>100 barrels pitch, each containing not less than 300 pounds</p> <p>10 barrels No. 1 resin, each containing not less than 300 pounds.....</p> <p>10 barrels soft clear turpentine, each containing not less than 280 pounds.....</p> <p>5 barrels coal tar, each containing not less than 30 gallons</p> <p>200 gallons tar oil.....</p> <p style="text-align: center;"><i>Class No. 38, Tallow, Soap, and Oil—1860-61.</i></p> <p>1,000 gallons winter strained sperm oil.....</p> <p>200 gallons best quality lard oil, for lubricating.....</p> <p>500 pounds best hard brown soap.....</p> | <p>\$0 08 per pound.</p> <p>3 do.</p> <p>7 do.</p> <p>10 per M.</p> <p>7 per pound.</p> <p>9 do.</p> <p>5 do.</p> <p>30 do.</p> <p>22 do.</p> <p>\$2 00 per barrel.</p> <p>2 00 do.</p> <p>2 00 do.</p> <p>3 25 do.</p> <p>2 00 do.</p> <p>50 per gallon.</p> <p>1 45 do.</p> <p>1 00 do.</p> <p>7 per pound.</p> | Gosport. |

Oct. 16 June 30

Collins & Co.....

| | | |
|--|-------|-------------|
| 50 pounds salt water soap..... | 11 | do. |
| 2,000 pounds pure hard beef tallow..... | 11½ | do. |
| <i>Class No. 10, White Pine—1860-61.</i> | | |
| 10,000 feet, board measure, white pine boards, No. 1, 1 inch thick..... | 47 00 | per M feet. |
| 5,000 feet, board measure, white pine boards, No. 2, 1 inch thick..... | 43 00 | do. |
| 4,000 feet, board measure, white pine plank, No. 1, 2 inches thick..... | 41 00 | do. |
| 6,000 feet, board measure, white pine plank, No. 2, 2 inches thick..... | 42 00 | do. |
| <i>Class No. 21, Iron—1860-61.</i> | | |
| 30,000 pounds round iron, from $\frac{3}{8}$ to 2-inch..... | 2½ | per pound. |
| 1,000 pounds square iron, from $\frac{3}{8}$ to 1¼-inch..... | 3 | do. |
| 2,000 pounds flat iron, from ¼ to 1 inch thick, and from 1¼ to 9 inches wide..... | 3 | do. |
| 400 pounds hoop iron, from $\frac{1}{8}$ to $\frac{1}{2}$ thick, and from $\frac{3}{4}$ to 2¼ wide..... | 5 | do. |
| 500 pounds boiler plate, from $\frac{3}{16}$ to $\frac{3}{8}$ thick, in sheets of 4 feet by 30 inches wide..... | 5 | do. |
| <i>Class No. 25, Hardware—1860-61.</i> | | |
| 2 dozen buttons, plate brass..... | 1 00 | per dozen. |
| 2 bells, cabin, with cranks and fixtures complete..... | 3 00 | each. |
| 10,000 brads, iron, assorted..... | 10 | per M. |
| 1 diamond, glazier's..... | 4 00 | each. |
| 3 dozen files, hand-saw, 5 to 6 inch..... | 1 20 | per dozen. |
| 6 gridirons..... | 50 | each. |
| 6 griddles..... | 60 | do. |
| 6 hatchets, cast steel, handled..... | 60 | do. |
| 12 pairs brass but hinges, 4 by 4½ inch, shifting pins... | 1 25 | per pair. |
| 12 do. do. 4 by 4 do..... | 1 00 | do. |
| 12 do. do. 4 by 3½ do..... | 80 | do. |
| 12 do. do. 4 by 3½ inch, stationary pins..... | 70 | do. |
| 12 pairs brass but hinges, 3½ by 2½ inch, stationary pins..... | 50 | do. |

Warrington.

Kittery.

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co—Continued.. | 12 pairs brass but hinges, 2½ by 2 inch, stationary pins 12 pairs brass but hinges, 2 by 1½ inch, stationary pins 3 dozen hooks, cabin door, brass, 4 to 6 inch..... 6 kettles, copper, tea..... 6 kettles, iron, tea..... 2 kettles, fish..... 24 hammers, claw, handled..... 1 dozen locks, brass, pad, 2½ to 3 inch..... 3 dozen locks, iron, pad, 2½ to 3 inch..... 1 dozen locks, brass, mortise, 3 by 4 inch, in thickness ½ of an inch, brass keys, furniture plated, white porcelain knobs, complete, right and left..... 2 pincers, assorted..... 2 plyers, assorted..... 12 frying pans, assorted..... 12 stew pans assorted..... 12 bake pans, assorted 20 gross screws, brass, gimlet point, Nos. 4 and 24..... 20 gross screws, iron, gimlet point, Nos. 3 and 24..... 12 shovels, coal, steel..... 12 shovels, steel..... 50 scrapers, ship, handled, steel blade..... 10,000 tacks, iron, cut..... 10,000 tacks, copper, cut..... 25 pounds wire, brass, assorted..... <i>Class No. 27, Paints, Oils, &c., by sample—1860-61.</i> 1,500 pounds pure dry white lead..... 250 pounds white zinc paint, in oil, in 50-pound kegs.. 250 pounds pure white lead, in oil, in 50-pound kegs.. | \$0 25 per pair. 17 do. 2 80 per dozen. 1 50 each. 1 00 do. 3 00 po. 30 do. 3 50 per dozen. 2 60 do. 10 00 do. 30 each. 30 do. 40 do. 50 do. 30 do. 1 10 per gross. 50 do. 90 each. 75 do. 30 do. 10 per M. 45 do. 30 per pound. \$0 07.20 per pound. 6.40 do. 7.60 do. | Kittery. |

| | | |
|------------------------------------|------|-------------|
| 250 pounds red lead, dry..... | 7.20 | do. |
| 125 pounds litharge, dry..... | 7.10 | do. |
| 500 pounds whiting, dry..... | 1 | do. |
| 125 pounds lamblack, dry..... | 5 | do. |
| 5 pounds chrome yellow, dry..... | 20 | do. |
| 10 pounds chrome green, dry..... | 20 | do. |
| 5 pounds red, Indian..... | 10 | do. |
| 70 pounds Venetian red..... | 3 | do. |
| 5 pounds Prussian blue..... | 60 | do. |
| 5 pounds gum shellac..... | 30 | do. |
| 175 gallons linseed oil, raw..... | 62 | per gallon. |
| 50 gallons spirits turpentine..... | 40 | do. |
| 15 gallons bright varnish..... | 20 | do. |
| 3 gallons copal varnish..... | 2 00 | do. |
| 3 gallons zinc dryer..... | 1 25 | do. |

Class No. 30, Cotton and Flax Twine, by sample—1860-61.

| | | |
|---|----|------------|
| 100 pounds cotton twine, 5 to 8 thread..... | 26 | per pound. |
| 20 pounds flax whipping twine..... | 35 | do. |

Class No. 35, Bunting and Dry Goods, by sample—1860-61.

| | | |
|--------------------------------------|------|------------|
| 10 pieces 18 inch red bunting..... | 5 70 | per piece. |
| 5 pieces 18-inch blue bunting..... | 5 50 | do. |
| 2 pieces 18-inch green bunting..... | 6 00 | do. |
| 10 pieces 18-inch white bunting..... | 5 25 | do. |
| 2 pieces 18-inch yellow bunting..... | 6 00 | do. |
| 50 pounds white curled hair..... | 30 | per pound. |

Class No. 39, Ship Chandlery—1860-61.

| | | |
|-------------------------------------|-------|-------------|
| 50 pounds beeswax..... | 40 | do. |
| 100 Bath bricks..... | 6 | each. |
| 2 smith's bellows, 32 inch..... | 10 00 | do. |
| 100 hickory brooms..... | 18 | do. |
| 100 corn brooms..... | 29 | do. |
| 20 pounds refined borax..... | 30 | per pound. |
| 100 pounds white chalk..... | 2 | do. |
| 4 pounds red chalk..... | 10 | do. |
| 6 silver calls, (boatswain's)..... | 3 00 | each. |
| 200 bushels hard wood charcoal..... | 18 | per bushel. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|-----------------|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co.—Continued. | 72 lamp chimneys..... | \$0 8 each. | Kittery. |
| | | | 500 pounds cotton waste, wiping stuff..... | 10 per pound. | |
| | | | 5 pounds crocus mortis..... | 30 do. | |
| | | | 6 pounds emery, assorted..... | 10 do. | |
| | | | 25 pounds cooper's flags..... | 20 do. | |
| | | | 1 grind stone, 120 pounds, mounted..... | 13 00 each. | |
| | | | 100 pounds best white glue..... | 25 per pound. | |
| | | | 200 fish hooks, cod and assorted..... | 2 00 per 100. | |
| | | | 1 lead, "Ogden's" or "Ericson's"..... | 20 00 each. | |
| | | | 1 lead, "Massey's"..... | 22 00 do. | |
| | | | 50 fishing lines, 240 feet each, assorted..... | 50 do. | |
| | | | 2 measuring lines, metallic, 100 feet each..... | 4 00 do. | |
| | | | 2 gross lamp wicks, woven..... | 1 00 per gross. | |
| | | | 2 pounds lamp wick yarn..... | 30 per pound. | |
| | | | 6 lamps, with reflectors, small size..... | 2 60 each. | |
| | | | 6 20-pound jars of chloride of lime..... | 2 50 per jar. | |
| | | | 100 pounds pulverized black lead..... | 5 per pound. | |
| | | | 200 sail needles..... | 2 00 per 100. | |
| | | | 200 roping needles..... | 2 00 do. | |
| | | | 18 pounds oil stones, estimated at 3 pounds each..... | 30 per pound. | |
| | | | 100 pounds potash..... | 10 do. | |
| | | | 6 sail prickers..... | 50 each. | |
| | | | 1 ream sand paper, assorted..... | 2 50 per ream. | |
| | | | 5 pounds sal ammonia..... | 20 per pound. | |
| | | | 20 pounds pulverized soap stone..... | 10 do. | |
| | | | 6 thermometers..... | 1 50 each. | |
| | | | <i>Class No. 35, Bunting and Dry Goods—1860-61.</i> | | |
| | | | 10 pieces 18-inch red bunting..... | 5 75 per piece. | Brooklyn. |
| | | | 1 piece 12-inch red bunting..... | 4 30 do. | |
| | | | 1 piece 9-inch red bunting..... | 3 80 do. | |
| | | | 10 pieces 4½-inch red bunting..... | 2 50 do. | |

| | | |
|--|------|------------|
| 10 pieces 18-inch blue bunting..... | 5 50 | do. |
| 1 piece 12-inch blue bunting..... | 4 20 | do. |
| 1 piece 9-inch blue bunting..... | 3 50 | do. |
| 1 piece 4½-inch blue bunting..... | 2 50 | do. |
| 15 pieces 18-inch white bunting..... | 5 25 | do. |
| 1 piece 12-inch white bunting..... | 4 00 | do. |
| 1 piece 9-inch white bunting..... | 3 25 | do. |
| 1 piece 4½-inch white bunting..... | 2 50 | do. |
| 1 piece 18-inch green bunting..... | 6 00 | do. |
| 1 piece 18-inch yellow bunting..... | 6 00 | do. |
| 20 rolls worsted binding..... | 20 | per roll. |
| 200 yards white muslin, ½ yard wide..... | 9 | per yard. |
| 75 yards Barnsley sheeting, 40 yards each..... | 50 | do. |
| 2 pieces Russia sheeting..... | 30 | do. |
| 10 yards green baize..... | 60 | do. |
| 10 pounds white sash cord..... | 20 | per pound. |
| 20 yards fearnaught..... | 2 00 | per yard. |
| 10 spools white cotton..... | 3 | per spool. |
| 10 yards satinets..... | 50 | per yard. |
| 10 yards broadcloth..... | 2 00 | do. |
| 20 yards hair cloth, 30 inches wide..... | 1 00 | do. |
| 20 pounds white linen thread..... | 90 | per pound. |
| 20 pounds linen thread, assorted colors..... | 80 | do. |
| 6 pounds shoe thread..... | 50 | do. |
| 50 pounds white curled hair..... | 32 | do. |
| 50 papers sewing needles, assorted..... | 2 | per paper. |

Class No. 36, Lanterns—1860-61.

| | | |
|--|-------|-------|
| 12 bowsprit lanterns, per sample..... | 23 00 | each. |
| 12 mizen top lanterns, per sample..... | 22 00 | do. |
| 9 wheel-house lanterns, green, per sample..... | 23 00 | do. |
| 9 wheel-house lanterns, red, per sample..... | 23 00 | do. |
| 12 running lanterns, green, per sample..... | 18 00 | do. |
| 12 running lanterns, red, per sample..... | 18 00 | do. |
| 24 spare shades for lanterns, red, per sample..... | 1 50 | do. |
| 24 spare shades, green, per sample..... | 1 50 | do. |
| 12 store-room lanterns, per sample..... | 13 50 | do. |
| 100 spirit-room, fore and main hold, deck, and side lanterns, with spare bottoms and sockets for holding candle to each, per sample..... | 2 25 | do. |
| 12 signal lanterns, Fresnal, white, per sample..... | 5 60 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|--|---------------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co—Continued.. | <p>15 signal lanterns, Fresnal, red, per sample.....</p> <p>30 main berth deck and orlop lanterns, white, per sample</p> <p>8 engine-room lamps, per sample.....</p> <p>50 globe lanterns, large size, per sample.....</p> <p>50 globe lanterns, small size, per sample.. ..</p> <p>100 brass hand lamps.....</p> <p>20 lamps, with reflectors, per sample.....</p> <p>9 steam gauge lamps, per sample.....</p> <p>320 lamp chimneys, per sample</p> <p>25 gross lamp wicks, circular, per sample.....</p> <p>100 pounds lampwick yarn, per sample.....</p> <p>15 pair lampwick scissors</p> <p>50 lamp screws, double tubes.....</p> <p>20 lens, Fresnal, for lanterns, round, white.....</p> <p>20 lens, Fresnal, for lanterns, round, red.....</p> <p>4 lens, Fresnal, for lanterns, round, sectional.....</p> <p style="text-align: center;"><i>Class No. 25, Hardware—1860-61.</i></p> <p>1 pair dividers, brass</p> <p>3 dozen escutcheons, plate, brass, assorted.....</p> <p>3 dozen escutcheons, thread, brass, assorted.....</p> <p>3 screw drivers, handled.....</p> <p>1 dozen files, hand saw, 5 to 6 inch.</p> <p>1 dozen files, flat bastard, 8 to 14 inch</p> <p>1 dozen files, flat, smooth, 8 to 14 inch.....</p> <p>1 dozen files, half round bastard, 10 to 14 inch.....</p> <p>1 dozen files, half round, smooth, 10 to 14 inch</p> <p>1 dozen files, round bastard, 8 to 12 inch.....</p> <p>1 dozen files, three square bastard, 6 to 10 inch</p> <p>3 dozen files, four square bastard, 8 to 14 inch.....</p> <p>½ dozen files, fine saw, flat, 8 to 14 inch.....</p> | <p>\$7 25 each.</p> <p>10 00 do.</p> <p>10 00 do.</p> <p>4 00 do.</p> <p>2 00 do.</p> <p>50 do.</p> <p>1 25 do.</p> <p>7 00 do.</p> <p>6 do.</p> <p>50 do.</p> <p>19 per pound.</p> <p>30 each.</p> <p>6 do.</p> <p>1 75 do.</p> <p>2 75 do.</p> <p>4 50 do.</p> <p>50 do.</p> <p>25 per dozen.</p> <p>20 do.</p> <p>50 each.</p> <p>1 00 per dozen.</p> <p>3 00 do.</p> <p>1 00 do.</p> <p>3 00 do.</p> <p>3 00 do.</p> <p>2 00 do.</p> <p>2 00 do.</p> <p>1 00 do.</p> <p>2 00 do.</p> | <p>Brooklyn.</p> <p>Philadelphia.</p> |

| | | |
|---|------|------------|
| 1 dozen files, rat-tail, 8 to 12 inch | 2 00 | do. |
| 1/2 dozen files, cross-cut saw..... | 2 00 | do. |
| 1 dozen files, whip saw..... | 2 00 | do. |
| 2 dozen nail gimlets, assorted..... | 40 | do. |
| 2 dozen spike gimlets, assorted..... | 50 | do. |
| 2 dozen carpenters' gauges..... | 4 00 | do. |
| 1 dozen firmer gouges, handled, assorted..... | 5 00 | do. |
| 1 dozen socket gouges, handled, assorted..... | 5 00 | do. |
| 3 gridirons..... | 50 | each. |
| 3 griddles..... | 50 | do. |
| 3 hammers, tinnors', handled..... | 60 | do. |
| 2 hammers, saddlers', handled..... | 50 | do. |
| 3 hammers, sledge, handled..... | 1 50 | do. |
| 4 hammers, rivet, handled..... | 40 | do. |
| 1 hammer, wrench, handled..... | 2 00 | do. |
| 18 hammers, claw, handled..... | 33 | do. |
| 3 dozen iron hasps, jointed..... | 1 70 | per dozen. |
| 3 hatchets, cast steel, handled..... | 75 | each. |
| 3 adzes, carpenters', handled..... | 1 00 | do. |
| 1 adze, hollow, handled..... | 2 50 | do. |
| 2 adzes, coopers' handled..... | 1 00 | do. |
| 5 axes, broad, handled..... | 2 00 | do. |
| 3 axes, coopers', handled..... | 1 00 | do. |
| 2 axes, wood, handled..... | 90 | do. |
| 1/2 dozen awls, brad, handled..... | 60 | per dozen. |
| 1/4 dozen awls, wire handled..... | 60 | do. |
| 1 tap borer..... | 50 | each. |
| 4 pounds burrs, copper, assorted..... | 50 | per pound. |
| 1 bung borer..... | 1 50 | each. |
| 2 braces and bits, wood, complete, (48 bits)..... | 3 00 | per set. |
| 1 brand, ship's name..... | 5 00 | each. |
| 1 bevel, steel tongued..... | 50 | do. |
| 3 gross iron buttons, japanned..... | 1 00 | per gross. |
| 5 dozen buttons, plate, brass..... | 50 | per dozen. |
| 5 dozen buttons, flat, brass..... | 50 | do. |
| 1/2 dozen bolts, flush, brass, 3/4 by 4 inch..... | 2 00 | do. |
| 6 dozen bolts, flush, brass, 2 by 5 inch..... | 50 | do. |
| 1 dozen bolts, neck, brass, 6 to 4 inch..... | 50 | do. |
| 2 dozen bolts, flush, 1 1/2 to 2 inch..... | 50 | do. |
| 1 beck iron..... | 3 00 | each. |
| 1 dozen barrel bolts, brass, 4 to 6 inch..... | 6 00 | per dozen. |
| 2 coopers' crows..... | 1 50 | each. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|---|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co.—Continued. | 1 dozen compasses, carpenters' 1 dozen chisels, firmer, assorted, handled..... 1 dozen chisels, socket, assorted, handled..... 2 smith's callipers 1 dozen sofa castors, by sample..... 1 dozen brass castors, socket..... 1 dozen cupboard catches 1 set dies, letters and figures, $\frac{3}{4}$ -inch..... 5 plyers, cutting and assorted..... 5 frying pans, assorted sizes..... 13 stew pans..... 6 bake pans 2 iron pokers..... 3 iron pans..... 2 rules, 2 feet, double and single jointed..... 3 wood rasps, assorted..... 1 dozen brass flush rings, 2-inch..... 1 dozen brass screw rings..... 7 pounds copper boat rivets 5 pounds iron sheave rivets, $\frac{3}{4}$ to $3\frac{3}{4}$ inch..... 3 rasps 3 wood saws..... 2 cross-cut saws..... 9 hand saws 1 whip saw 1 hack saw, with frame..... 3 hack-saw blades 1 dovetail saw..... 2 compass saws, 10 to 15 inch..... 1 keyhole saw and pad, 6 to 12 inch..... 1 panel saw 1 tenon saw..... 1 sash saw | \$2 00 per dozen. 4 00 per dozen. 5 00 do. 30 each. 1 00 per dozen. 3 00 do. 2 00 do. 13 00 per set. 20 each. 50 do. 50 do. 25 do. 25 do. 25 do. 50 do. 20 do. 20 do. 3 00 per dozen. 50 do. 40 per pound. 10 do. 20 each. 50 do. 1 00 do. 75 do. 1 00 do. 2 00 do. 25 do. 1 00 do. 30 do. 30 do. 1 00 do. 1 00 do. 1 00 do. | Philadelphia. |

| | | |
|--|-------|------------|
| 1 saw set..... | 40 | do. |
| 2 dozen sash springs..... | 50 | per dozen. |
| 4 bench and clamp screws..... | 40 | each. |
| 10 iron bed screws, 8-inch..... | 8 | do. |
| 1 jack screw, 2½ to 3 feet, equal to "Ballard's"..... | 20 00 | do. |
| 55 gross brass screws, gimlet points, Nos. 4 to 26, by sample..... | 1 00 | per gross. |
| 1 rounding knife..... | 2 00 | each. |
| 5 dozen iron padlocks..... | 2 00 | per dozen. |
| 4 dozen brass padlocks, 3-inch..... | 3 00 | do. |
| 1 dozen dead locks, 6-inch, wrought iron..... | 6 00 | do. |
| 5 dozen brass drawer locks, 3½-inch..... | 4 00 | do. |
| 1 dozen chest locks, 4-inch, iron..... | 2 50 | do. |
| 1 dozen brass locker locks..... | 3 50 | do. |
| 1 dozen brass bookcase locks, 2 by 3 inches..... | 3 50 | do. |
| 1 dozen brass upright rim locks, 6-inch, by sample..... | 5 00 | do. |
| 1 dozen iron mortice locks, 3½ and 4 inch..... | 3 00 | do. |
| 1 dozen iron draw locks, 3¼ inch..... | 3 00 | do. |
| 1 dozen iron chest locks, 4-inch..... | 2 50 | do. |
| 3 dozen brass wardrobe locks, 4-inch..... | 1 00 | do. |
| 1 dozen brass mortice locks, by sample..... | 5 00 | do. |
| All the locks to be spring and tumbler, with brass works, keys of brass to differ, except the drawer locks, which may have three kinds of keys to the dozen. | | |
| 4 iron ladles..... | 90 | each. |
| 3 molding planes..... | 50 | do. |
| 1 set plow planes..... | 4 00 | per set. |
| 1 turning lathe and tools, complete, for wood and iron..... | 50 00 | each. |
| 1 set match planes..... | 1 00 | per set. |
| 1 grooving plane, width of iron ¼ to 1 inch..... | 1 00 | each. |
| 1 block plane..... | 1 00 | do. |
| 2 smoothing planes, width of iron 1¼ to 2 inches..... | 70 | do. |
| 1 rabbet plane..... | 60 | do. |
| 2 long jointers..... | 1 00 | do. |
| 4 short jointers..... | 1 00 | do. |
| 3 jack planes..... | 70 | do. |
| 2 beading planes..... | 50 | do. |
| 1 pincers..... | 25 | do. |
| 1 pound escutcheon pins..... | 80 | per pound. |
| 3 dozen drawer handles, iron, flush..... | 2 70 | per dozen. |
| 100 pairs brass but hinges, 1½ to 4 inch..... | 14 | per pair. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|---|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co—Continued.. | 6 pairs brass but hinges, 5½ by 6 inches, slip pin..... 24 pairs brass but hinges, 3½ by 4 inches, slip pin..... 24 pairs brass but hinges, 3 by 3½ inches, slip pin..... 24 brass secretary drawer fastenings, complete..... 2 dozen brass table fastenings, complete..... 4 dozen iron chest hinges, 18-inch..... 17 pair table hinges, brass, 2 by 4 inches..... 78 pair iron but hinges, 2 by 1½ to 11 by 4 inches..... 5 dozen cabin door hooks, 6-inch, extra..... 2 flagging irons..... 3 dozen coat and hat hooks, brass, porcelain knobs..... 3 dozen coat and hat hooks, iron..... 5 dozen pantry hooks, brass..... 3 dozen lamp hooks, iron..... 3 dozen lamp hooks, brass..... 6 dozen japanned coat hooks, iron..... 3 dozen iron side hooks and eyes, 2½-inch..... 8 dozen brass hooks and eyes, 2½-inch..... 2 sail knives, steel blades..... 5 dozen screw knobs..... 3 dozen mineral knobs, for locks..... 1 pitch kettle, 16 to 20 inches diameter at top..... 1 glue kettle..... 3 dozen porcelain knobs, for locks..... 3 dozen porcelain screw knobs..... 3 iron tea kettles..... 5 copper tea kettles..... 2 fish kettles..... 1 hollow knife..... 1 pitch ladle..... 55 gross iron screws, gimlet points, Nos 3 to 24..... 3 dozen sofa springs, galvanized..... 3 spokeshaves..... | \$1 00 per pair. 75 do. 60 do. 75 do. 3 00 per dozen. 2 40 do. 25 per pair. 10 do. 2 80 per dozen. 75 each. 2 50 per dozen. 30 do. 90 do. 50 do. 3 50 do. 25 do. 30 do. 60 do. 30 each. 25 per dozen. 1 00 do. 2 00 each. 3 00 do. 3 00 per dozen. 50 do. 90 each. 1 00 do. 3 00 do. 1 00 do. 70 do. 50 per gross. 75 per dozen. 50 each. | Philadelphia. |

| | | |
|---|------|------------|
| 1 bucket and can shave..... | 60 | do. |
| 1 iron square, 2 feet..... | 20 | do. |
| 1 brass square..... | 1 00 | do. |
| 2 steel squares, 2 feet..... | 50 | do. |
| 10 steel coal shovels..... | 75 | do. |
| 2 steel shovels..... | 75 | do. |
| 1 tinners' bench shears..... | 1 00 | do. |
| 1 tinners' hand shears..... | 1 00 | do. |
| 3 sheep shears..... | 50 | do. |
| 1 edging stake..... | 2 00 | do. |
| 4 tinder boxes and steels..... | 10 | do. |
| 2 trying squares..... | 50 | do. |
| 2 segments for bells..... | 10 | do. |
| 1 planishing stake..... | 5 00 | do. |
| 2 screw plates and taps, large size..... | 5 00 | do. |
| 2 screw plates and taps, small size..... | 3 00 | do. |
| 1 pair steelyards..... | 1 00 | do. |
| 5,000 iron gimp tacks..... | 10 | per M. |
| 25,000 iron cut tacks, 2 to 18 ounce..... | 10 | do. |
| 12,000 copper tacks, $\frac{1}{2}$ to $1\frac{1}{4}$ | 45 | do. |
| 2 tormentors..... | 20 | each. |
| 125 pounds bench vises, $3\frac{1}{2}$ to $5\frac{1}{2}$ inch jaws..... | 10 | per pound. |
| 3 hand vises..... | 40 | each. |
| 25 pounds brass wire, assorted, 0 to 30..... | 29 | per pound. |
| 30 pounds copper wire, assorted, Nos. 0 to 30..... | 39 | do. |
| 37 pounds iron wire, assorted, Nos. 0 to 30..... | 8 | do. |
| 2 waffle irons..... | 50 | each. |
| 1 screw wrench..... | 1 50 | do. |
| <i>Class No. 35, Bunting and Dry Goods—1860-61.</i> | | |
| 2 pieces 18-inch red bunting..... | 5 75 | per piece. |
| 1 piece 18-inch blue bunting..... | 5 50 | do. |
| 2 pieces 18-inch white bunting..... | 5 25 | do. |
| 1 piece 18-inch green bunting..... | 5 00 | do. |
| 1 piece 18-inch yellow bunting..... | 5 00 | do. |
| 24 yards white muslin, $\frac{7}{8}$ yards wide..... | 10 | per yard. |
| 20 yards unbleached muslin, $\frac{7}{8}$ yard wide..... | 8 | do. |
| 20 yards black twilled muslin..... | 9 | do. |
| 5 yards green baize..... | 60 | do. |
| 36 yards black gimp..... | 3 | do. |
| 25 yards fearnaught..... | 2 00 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|--|------------------|--------------------------|--|--|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co.—Continued. | 5 yards enameled cloth, black..... 5 yards enameled cloth, green..... 6 yards broadcloth..... 25 yards hair cloth, 16 to 34 inches..... 2 pieces worsted binding..... 2 pounds linen thread, assorted..... 70 pounds white curled hair..... 1 piece girting..... | \$0 27 per yard. 35 do. 1 90 do. 1 00 do. 25 per piece. 1 00 per pound. 30 do. 40 per piece. | Philadelphia. |
| <i>Class No. 27, Paints Oils, &c.—1860-61.</i> | | | | | |
| | | | 1,000 pounds pure white lead, in oil, in 25 and 50-pound kegs, equal to Lewis's or Wetherall's..... 1,000 pounds pure white zinc, in oil, equal to the best New Jersey..... 100 pounds pure black paint, in oil..... 2,000 pounds pure red lead, dry..... 200 pounds pure litharge, dry..... 200 pounds pure lampblack, dry..... 600 pounds pure Spanish whiting, dry..... 50 pounds pure chrome green, dry..... 100 pounds pure French yellow ochre, dry..... 10 pounds pure terra de sienna, dry..... 10 pounds pure Indian red, dry..... 100 pounds pure Venetian red, dry..... 5 pounds pure Prussian blue, dry..... 125 gallons pure linseed oil, raw..... 75 gallons pure spirits turpentine..... 10 gallons pure copal varnish..... 10 gallons pure Japan varnish..... 10 gallons pure Pennsylvania zinc dyer..... | 7.80 per pound. 6.20 do. 5 do. 7.10 do. 7.20 do. 5 do. 1 do. 20 do. 2 do. 10 do. 12 do. 3 do. 60 do. 60 per gallon. 40 do. 2 00 do. 1 00 do. 1 00 do. | Washington. |

Class No. 31, Glass—1860-61.

200 port glasses, $7\frac{1}{2}$ inches in diameter by $1\frac{1}{2}$ inch thick,
to be clear white glass, polished, per sample..... 1.80 each.

Class No. 27, Paints, Oils, &c.—1860-61.

| | | | |
|---|-----------------|-------------|-----------|
| 20,000 pounds pure dry white lead | 7.36 | per pound. | Gospport. |
| 5,000 pounds white zinc paint, in oil | 6 $\frac{1}{2}$ | do. | |
| 1,000 pounds red lead, dry..... | 8 | do. | |
| 400 pounds litharge, dry..... | 8 | do. | |
| 5,000 pounds whiting, dry..... | 1 | do. | |
| 1,000 pounds lampblack, dry | 4 | do. | |
| 3,000 pounds French yellow ochre, dry..... | 2 $\frac{3}{4}$ | do. | |
| 100 pounds Turkey umber, dry..... | 9 | do. | |
| 50 pounds chrome yellow, dry | 18 | do. | |
| 200 pounds chrome green, dry..... | 18 | do. | |
| 20 pounds Chinese vermilion, dry | 1 00 | do. | |
| 10 pounds ultra-marine blue, dry..... | 60 | do. | |
| 60 pounds gum shellac..... | 29 | do. | |
| 3,000 gallons linseed oil, raw | 62 | per gallon. | |
| 500 gallons spirits of turpentine | 43 | do. | |
| 30 gallons spirits of wine, 95 per cent. proof..... | 70 | do. | |
| 150 pounds gum copal, East Indian..... | 40 | per pound. | |
| 150 pounds gum copal, South American | 25 | do. | |
| 25 gallons zinc drying oil..... | 1 00 | per gallon. | |
| 5 pounds Prussian blue..... | 60 | per pound. | |

Class No. 30, Flax and Cotton Twine—1860-61.

| | | |
|---|----|-----|
| 400 pounds seine twine..... | 33 | do. |
| 400 pounds cotton twine, 5 to 8 thread..... | 26 | do. |

Class No. 31, Glass—1860-61.

| | | |
|---|------|-----------|
| 24 clear magazine lens, 12 inches diameter, $1\frac{1}{2}$ inch thick, polished..... | 7.50 | each. |
| 12 straight deck lights, 10 by 3 inches..... | 90 | do. |
| 48 glass tubes for water gauges of boilers..... | 60 | do. |
| 1,500 feet double thick crown glass, 14 by 16..... | 16 | per foot. |
| 500 feet double-thick crown glass, 14 by 18..... | 18 | do. |
| 500 feet double-thick crown glass, 16 by 22..... | 18 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co.—Continued. | <p style="text-align: center;"><i>Class No. 22, Spikes and Nails—1860-61.</i></p> <p>2,000 pounds pressed iron spikes, from 4 to 6 inch 4,000 pounds pressed iron spikes, from 6½ to 8 inch.... 30 pounds clout nails, from ¾ to 1¼ long..... 1,000 pounds cut iron nails, from 4d to 40d 40 pounds finishing nails, from 1 to 2 inches long..... 10,000 cut brads, from ¾ to 1½ inch long.....</p> <p style="text-align: center;"><i>Class No. 23, Lead, Zinc, and Tin—1860-61.</i></p> <p>1,000 pounds drawn lead pipe, from ¾ to 2 inch..... 50 pounds pig zinc..... 50 pounds banca tin..... 25 pounds braziers' or spelter solder 14 boxes tin plate, XX..... 10 boxes tin plate, 1C, 10 by 14..... 10 boxes tin plate, 1C, 14 by 20.....</p> <p style="text-align: center;"><i>Class No. 25, Hardware—1860-61.</i></p> <p>3 braces and bits complete, 48 bits 10-dozen brass flush bolts, 6 by 1½..... 3 balance springs, to weigh 25 pounds 2 balance springs, to weigh 50 pounds..... 6 coopers' crows..... 3 pairs armorers' compasses..... 6 pairs smiths' callipers..... 6 ratchet drills, assorted. 12 pair of secretary hinges and fastenings, complete, of brass, 5 by 5 12 quadrants of brass, to correspond 4 sets of stocks and dies, No 15 4 dozen cabin door hooks, brass.....</p> | <p>\$0 04.60 per pound. 4½ do. 15 do. 4 do. 8 do. 10 per M.</p> <p>7 per pound. 6¾ do. 34 do. 30 do. 12 80 per box. 9 30 do. 9 60 do.</p> <p>8 00 each. 6 00 per dozen. 2 00 each. 3 00 do. 2 00 do. 50 do. 50 do. 12 00 do. 1 00 per pair. 90 each. 20 00 do. 6 00 per dozen.</p> | Warrington. |

| | | |
|---|-------|-------------|
| 1 dozen brass lamp hooks, large size..... | 7 00 | each. |
| 12 dozen brass cap hooks..... | 3 00 | per dozen. |
| 12 dozen coat and hat hooks, brass..... | 4 00 | do. |
| 1 dozen fish kettles, assorted..... | 50 00 | do. |
| 2 dozen stew pans, assorted..... | 12 00 | do. |
| 2 dozen bake pans, assorted..... | 10 00 | do. |
| 2 dozen copper tea kettles, tinned, 6 quarts..... | 60 | per quart. |
| 1 dozen iron tea kettles, 4 to 8 quarts..... | 1 75 | each. |
| 6 waffle irons, large size..... | 1 00 | do. |
| 12 dozen furniture hooks and eyes, brass..... | 3 00 | per dozen. |
| 2 dozen brass drawer locks, 2½ inch..... | 6 00 | do. |
| 2 dozen brass cupboard locks, 3½ inch, right and left... | 8 00 | do. |
| 2 dozen brass closet locks, 2½ by 4 inches, right and left..... | 10 00 | do. |
| 24 pairs brass but hinges, shifting pins, 4½ by 4 inches..... | 2 00 | per pair. |
| 12 pairs brass but hinges, shifting pins, 3½ by 3¼ inches..... | 1 50 | do. |
| 6 smoothing planes, double ironed..... | 1 00 | each. |
| 12 wrench hammers, assorted..... | 2 00 | do. |
| 12 claw hammers..... | 50 | do. |
| 6 broad axes, cast steel, handled..... | 4 00 | do. |
| 6 adzes, cast steel, handled..... | 3 00 | do. |
| 3 hollow adzes, cast steel, handled..... | 4 00 | do. |
| 6 pin mauls, cast steel, handled..... | 3 00 | do. |
| 12 socket chisels, assorted, handled..... | 75 | do. |
| 12 socket gouges, assorted handled..... | 75 | do. |
| 24 dozen firmer chisels, assorted, handled..... | 75 | do. |
| 12 dozen firmer gouges, assorted, handled..... | 75 | do. |
| 25 gross brass screws, assorted, Nos. 4 to 26..... | 2 00 | per gross. |
| 20 gross iron screws, assorted, Nos. 3 to 24..... | 1 50 | do. |
| 6 cross-cut saws, 4½ feet long, handled..... | 5 00 | each. |
| 100 spike gimlets, assorted..... | 35 | do. |
| 100 nail gimlets, assorted..... | 20 | do. |
| 12 pairs scissors, large size..... | 50 | per pair. |
| 24 table fasteners, brass, large size, 2½ by 2½ inches.... | 50 | each. |
| 1 dozen spokeshaves..... | 12 00 | per dozen. |
| 1 dozen drawing knives..... | 12 00 | do. |
| 1 dozen carpenters' compasses..... | 6 00 | do. |
| 30 patent ship augers, measuring 180 eighths, from ¼ to ¾..... | 10 | per eighth. |
| 1 dozen brad awls, handled..... | 60 | per dozen. |
| 2 dozen buttons, brass, plated..... | 4 00 | do. |
| 1 dozen steel tongued bevels..... | 12 00 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Name of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co.—Continued. | <p>1 dozen water-closet cocks.....</p> <p>2 dozen escutcheons, plate brass, assorted</p> <p>1 pound escutcheon pins.....</p> <p>12 dozen hand-saw files, 4½ to five inches long.....</p> <p>12 dozen cross-cut saw files, 6 inches long</p> <p>2 dozen whip-saw files, 6 inches long</p> <p>2 dozen carpenters' gauges.....</p> <p>12 dozen iron padlocks, strong, keys, assorted</p> <p>6 saw sets, hand.....</p> <p>1 dozen brass padlocks, assorted keys.....</p> <p>4 dozen hack saws and frames.....</p> <p>1 dozen compass saws.....</p> <p>1 dozen steel squares, 2 feet.....</p> <p>1 dozen trying squares.....</p> <p>10 dozen ships' scrapers</p> <p>20,000 iron-cut tacks</p> <p>500 pounds copper wire.....</p> <p>2 dozen wood axes, handled.....</p> <p>3 dozen brass drawer locks.....</p> <p>2 dozen coppering hammers.....</p> <p>2 dozen wood rasps.....</p> <p>1 dozen fine dovetail saws.....</p> <p>6 silver calls for boatswains</p> <p style="text-align: center;"><i>Class No. 27, Paints, Oils, &c.—1860-61.</i></p> <p>3,000 pounds pure white lead, in oil, in kegs of 25 and 50 pounds</p> <p>1,000 pounds black paint, in oil, in kegs of 25 and 50 pounds</p> <p>300 pounds white zinc paint, in oil.....</p> <p>100 pounds red lead, dry.....</p> <p>50 pounds litharge.....</p> | <p>\$24 00 per dozen.</p> <p>2 00 do.</p> <p>1 00 per pound.</p> <p>3 00 per dozen.</p> <p>3 00 do.</p> <p>4 00 do.</p> <p>12 00 do.</p> <p>3 00 do.</p> <p>1 00 each.</p> <p>8 00 per dozen.</p> <p>32 00 do.</p> <p>6 00 do.</p> <p>8 00 do.</p> <p>10 00 do.</p> <p>6 00 do.</p> <p>10 per M.</p> <p>50 per pound.</p> <p>14 00 per dozen.</p> <p>6 00 do.</p> <p>6 00 do.</p> <p>6 00 do.</p> <p>15 00 do.</p> <p>5 00 each.</p> <p>8 per pound.</p> <p>6 do.</p> <p>7 do.</p> <p>10 do.</p> <p>10 do.</p> | Warrington |

| | | |
|---|------|-------------|
| 1,000 pounds whiting | 2 | do. |
| 20 pounds lampblack..... | 6 | do. |
| 1,000 gallons linseed oil..... | 66 | per gallon. |
| 100 gallons spirits turpentine, in tin cans..... | 80 | do. |
| 10 gallons spirits of wine, 95 per cent. proof..... | 1 00 | do. |
| 5 gallons Japan varnish..... | 1 50 | do. |
| 5 gallons copal varnish..... | 3 00 | do. |

Class No. 30, Flax and Cotton Twine—1860-61.

| | | |
|---|----|------------|
| 200 pounds flax whipping twine..... | 40 | per pound. |
| 200 pounds flax seine twine..... | 40 | do. |
| 200 pounds cotton twine, from 5 to 8 threads..... | 38 | do. |

Class No. 37, Pitch, Tar, and Rosin—1860-61.

| | | |
|---|------|-------------|
| 60 barrels of pitch, each containing 300 pounds..... | 2 80 | per barrel. |
| 40 barrels No. 1 rosin, each containing 300 pounds..... | 2 90 | do. |
| 5 barrels tar, each containing 30 gallons..... | 4 00 | do. |
| 100 gallons of tar oil..... | 65 | per gallon. |
| 50 gallons of tar..... | 18 | do. |

Class No. 39, Ship Chandlery—1860-61.

| | | |
|--|-----------------|------------|
| 5 dozen lamp chimneys, assorted | 1 50 | per dozen. |
| 200 pounds spun cotton..... | 14 | per pound. |
| 12 glasses, 60'..... | 1 00 | each. |
| 12 glasses, 30'..... | 1 00 | do. |
| 12 dozen chalk lines..... | 1 00 | per dozen. |
| 2 gross lamp wick, woven..... | 1 00 | per gross. |
| 1 gross lamp wick, circular, woven..... | 1 00 | do. |
| 6 small lamps, with reflectors..... | 2 00 | each. |
| 30 pounds thrums..... | 40 | per pound. |
| 20 thermometers..... | 1 50 | each. |
| 100 hickory brooms..... | 20 | do. |
| 250 corn brooms..... | 30 | do. |
| 100 pounds white chalk..... | 3 | per pound. |
| 150 pounds cotton waste..... | 12 | do. |
| 30 globe lanterns, brass, complete, with guards..... | 4 00 | each. |
| 100 horn lanterns..... | 2 00 | do. |
| 100 sail needles..... | 2 $\frac{1}{2}$ | do. |
| 100 seaming needles..... | 2 $\frac{1}{2}$ | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Name of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|---|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Collins & Co.—Continued. | 100 roping needles..... 5 oil stones..... 25 mounted palms..... 25 mounted palms, for roping..... 50 boat hooks..... 6 cabin hanging lamps, complete..... 30 hydrometers..... 24 thermometers, for salinometers..... 10 pounds copperas..... 10 gallons chloride of zinc, for disinfecting..... 50 pounds curled hair..... 12 bundles cooper's flags..... <i>Class No. 40, Stationery—1860-61.</i> 12 yards tracing cloth..... 24 papers ink powder..... 4 reams log paper..... 12 reams foolscap paper, regulation ruled..... 10 reams foolscap paper, faint lined..... 10 reams letter paper..... 1 ream cartridge paper..... 2 portfolios..... 24 double log slates..... 24 single log slates..... 5,000 self-sealing envelopes, assorted in size and color..... <i>Class No. 21, Iron—1860-61.</i> | \$0 02½ each. 60 do. 50 do. 60 do. 50 do. 10 00 do. 1 25 do. 1 25 do. 10 per pound. 3 00 per gallon. 40 per pound. 30 per bundle. 90 per yard. 50 per paper. 7 00 per ream. 5 00 do. 4 00 do. 3 00 do. 10 00 do. 2 00 each. 1 00 do. 1 00 do. 5 00 per M. | Warrington. |
| Oct. 18 | June 30 | Joseph L. Savage..... | 35,000 pounds round iron, from 3¼ to 2½ inch..... 10,000 pounds round iron, from 2½ to 3 inch..... 12,000 pounds round iron, from 3¼ to 6 inch..... | 3½ per pound. 1½ do. 1 do. | Brooklyn |

| | | |
|--|----------------|-----|
| 5,000 pounds square iron, from $\frac{1}{2}$ to 2 inch | 2 | do. |
| 10,000 pounds square iron, from $2\frac{1}{4}$ to $5\frac{1}{2}$ inch..... | 2 | do. |
| 2,000 pounds hammered square iron, from 1 to 5 inch. | 4 | do. |
| 12,000 pounds flat iron, from $\frac{1}{4}$ to 1 inch thick, from $1\frac{1}{4}$ to 9 inches wide..... | 3 | do. |
| 5,000 pounds flat iron, from $1\frac{1}{4}$ to 2 inches thick, from 4 to 10 inches wide..... | $1\frac{1}{2}$ | do. |
| 1,000 pounds hoop iron, $\frac{1}{16}$ to $\frac{1}{8}$ inch thick, from $\frac{3}{4}$ to $2\frac{1}{4}$ inches wide..... | 4 | do. |
| 1,000 pounds angle iron, assorted..... | $4\frac{1}{2}$ | do. |
| 1,000 pounds T iron, assorted | 4 | do. |
| 2,000 pounds thimble iron, $\frac{3}{16}$ to $\frac{5}{16}$ inch thick, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches wide..... | 4 | do. |
| 1,000 pounds boiler plate iron, from $\frac{3}{8}$ to $\frac{3}{4}$ inch thick. | 5 | do. |
| 1,000 pounds boiler plate iron, from $\frac{7}{8}$ to $1\frac{1}{4}$ inch thick. | 4 | do. |
| 500 pounds puddle plate iron, from 0 to 10, wire gauge. | 4 | do. |
| 500 pounds boiler rivets, $\frac{1}{2}$ inch and over..... | 6 | do. |
| 100 pounds boiler rivets, $\frac{1}{2}$ inch and under..... | 8 | do. |
| 200 pounds sheet iron, Nos. 12 to 20..... | 6 | do. |
| 200 pounds Russia iron, Nos. 10 to 20..... | 10 | do. |
| 500 pounds extra cast steel, from $\frac{1}{4}$ to $2\frac{1}{2}$ inches square. | 16 | do. |
| 1,000 pounds best cast steel, from $\frac{3}{4}$ to 3 inches square. | 14 | do. |
| 500 pounds octagon steel, extra, from $\frac{3}{4}$ to $1\frac{1}{2}$ inch square..... | 12 | do. |
| 200 pounds German steel..... | 8 | do. |
| 100 pounds blister steel..... | 9 | do. |
| 200 pounds spring steel..... | 4 | do. |
| 56 pounds Damascus steel, assorted..... | 20 | do. |
| 200 pounds extra flat steel, from $\frac{1}{2}$ to 2 inches thick, from 1 to 4 inches wide..... | 12 | do. |

Class No. 22, Spikes and Nails—1860-61.

| | | |
|--|----------------|-----|
| 500 pounds hand-made wrought-iron spikes, from 4 to 6 inches long..... | 4 | do. |
| 1,000 pounds hand-made wrought-iron spikes, from $6\frac{1}{2}$ to 8 inches long..... | 3 | do. |
| 400 pounds wrought-iron nails, 6d to 30d | 4 | do. |
| 75 pounds wrought-iron clout nails, $\frac{1}{2}$ to $1\frac{1}{4}$ inch..... | 8 | do. |
| 2,000 pounds iron cut nails, from 4d to 40d..... | $3\frac{1}{4}$ | do. |
| 50 pounds iron cut finishing nails, from $\frac{3}{4}$ to 2 inch..... | 8 | do. |
| 500 pounds iron brad-headed nails, from 4d to 10d..... | 2 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Jos. L. Savage—Contin'd. | <p>60,000 iron cut brads, $\frac{3}{4}$ to $1\frac{1}{2}$ inch.....</p> <p style="text-align: center;"><i>Class No. 23, Lead, Zinc, and Tin—1860-61.</i></p> <p>4,000 pounds drawn lead pipe, from $\frac{1}{2}$ to $2\frac{1}{2}$ inches diameter</p> <p>300 pounds sheet zinc.....</p> <p>1,200 pounds slab zinc.....</p> <p>2,000 pounds banca tin.....</p> <p>200 pounds brazier's or spelter solder.....</p> <p>200 pounds tinner's or soft solder.....</p> <p>3 boxes tin plate, IX.....</p> <p>15 boxes tin plate, IC, 10 by 14.....</p> <p>5 boxes tin plate, IC, 14 by 20.</p> <p>5 boxes tin plate, SDX.....</p> <p>3 boxes tin plate, DX.....</p> <p style="text-align: center;"><i>Class No. 24, Pig Iron—1860-61.</i></p> <p>5 tons No. 1 cold-blast anthracite pig iron.....</p> <p style="text-align: center;"><i>Class No. 25, Hardware—1860-61.</i></p> <p>12 adzes, carpenter's, handled.....</p> <p>1 adze, hollow, handled.....</p> <p>6 adzes, cooper's handled</p> <p>5 axes, broad, handled.....</p> <p>5 axes, wood, handled.....</p> <p>1 dozen awls, brad, handled.....</p> <p>1 dozen awls, wire, handled.....</p> <p>12 dozen awls, shoemaker's, handled.....</p> <p>2 anvils, estimated 140 pounds each—say 280 pounds.</p> <p>10 pounds burrs, copper, assorted.....</p> | <p>\$0 09 per M.</p> <p>6½ per pound.</p> <p>10 do.</p> <p>7 do.</p> <p>30 do.</p> <p>7½ do.</p> <p>20 do.</p> <p>10 00 per box.</p> <p>1 00 do.</p> <p>10 00 do.</p> <p>12 00 do.</p> <p>10 00 do.</p> <p>24 30 per ton.</p> <p>1 00 each.</p> <p>1 50 do.</p> <p>1 25 do.</p> <p>1 75 do.</p> <p>1 10 do.</p> <p>50 per dozen.</p> <p>50 do.</p> <p>75 do.</p> <p>7 per pound.</p> <p>46 do.</p> | <p>Brooklyn.</p> |

| | | |
|--|------|------------|
| 1 bung borer..... | 45 | each. |
| 9 braces and bits, wood, complete, (48 bits)..... | 3 25 | per set. |
| 1 tap borer..... | 40 | each. |
| 6 bevels, steel tongued..... | 45 | do. |
| 4 dozen buttons, plate, brass, 1½ to 2 inch..... | 1 00 | per dozen. |
| 2 dozen bolts, flush, brass, 6 by 1¼ inch..... | 3 00 | do. |
| 2 balances, spring, to weigh 25 pounds each..... | 25 | each. |
| 1 balance, spring, to weigh 50 pounds each..... | 50 | do. |
| 3 balances, spring, to weigh 150 pounds each..... | 2 50 | do. |
| 100 pounds brass, sheet, assorted..... | 33 | per pound. |
| 4 cooper's crows..... | 3 00 | each. |
| 2 dozen compasses, carpenter's..... | 2 00 | per dozen. |
| 4 dozen chisels, firmer, assorted, handled..... | 2 75 | do. |
| 8 sets couplings and boxes, complete, for hand pumps..... | 3 00 | per set. |
| 8 sets cord and tassels..... | 50 | do. |
| 12 callipers, 6 to 24 inch..... | 1 40 | each. |
| 6 cranks and segments for bells, brass..... | 45 | do. |
| 12 sets brass-fixed wheel castors..... | 40 | per set. |
| 4 sets dies, letters and figures, ¼ to ¾ inch..... | 5 00 | do. |
| 4 brass dividers, 18 inch..... | 1 25 | each. |
| 4 diamonds, glaziers'..... | 4 00 | do. |
| 6 dividers, assorted..... | 45 | do. |
| 1 dozen escutcheons, plate, brass, assorted..... | 40 | per dozen. |
| 12 dozen escutcheons, thread, brass, assorted..... | 10 | do. |
| 1 pound escutcheon pins, brass, assorted..... | 75 | per pound. |
| 1 dozen taper files, 3 to 4 inch..... | 1 00 | per dozen. |
| 8 dozen files, hand saw, 5 to 6 inch..... | 1 75 | do. |
| 15 dozen files, flat bastard, 8 to 14 inch..... | 4 00 | do. |
| 12 dozen files, flat bastard, 16 to 18 inch..... | 6 00 | do. |
| 12 dozen files, flat smooth, 6 to 18 inch..... | 5 00 | do. |
| 4 dozen files, hand bastard, 14 inch..... | 6 00 | do. |
| 12 dozen files, half round bastard, 10 to 18 inch..... | 5 00 | do. |
| 12 dozen files, half round, smooth, 6 to 18 inch..... | 5 00 | do. |
| 1 dozen files, round bastard, 8 to 16 inches..... | 6 50 | do. |
| 10 dozen files, hand bastard, 14 to 18 inch..... | 7 50 | do. |
| 3 dozen files, three square bastard, 6 to 10 inch..... | 4 00 | do. |
| 3 dozen files, four square bastard, 8 to 14 inch..... | 1 50 | do. |
| 1 dozen files, whip saw, 1½ wide..... | 4 50 | do. |
| 1 4-inch gong, with stop crank and fixtures complete..... | 90 | each. |
| 1 6-inch gong, with stop crank and fixtures complete..... | 1 00 | do. |
| 2 7-inch gongs, with stop crank and fixtures complete..... | 1 50 | do. |
| 10 dozen nail gimlets, assorted..... | 30 | per dozen. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-------------------------|--|---|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Joseph L. Savage—Con'd. | 1 dozen spike gimlets, assorted..... ½ dozen carpenters' gauges..... 1 dozen firmer gouges, handled, assorted..... 6 gross brass round grumnets..... 6 gross brass oblong grumnets..... 10 gridirons..... 20 griddles..... 6 hammers, tanners', handled..... 3 hammers, saddlers, handled..... 4 hammers, coopers', handled..... 12 hammers, rivet, handled..... 6 hammers, claw, handled..... 30 hatchets, cast-steel, handled..... 2 pairs brass but hinges, 4½ inch, shifting pins..... 10 pairs brass but hinges, 3½ inch, shifting pins..... 200 pairs brass but hinges, 3 inch stationary pins..... 200 brass but hinges, 2½ inch stationary pins..... 50 brass but hinges, 2 inch stationary pins..... 20 pairs secretary hinges and fastenings complete, brass 5 by 5..... 2 pairs iron but hinges, 2 by 1½ to 4 by 4 inches..... 10 dozen cabin door hooks, brass, 5 inch and 4 inch..... 6 dozen iron flush handles, 2½ inch..... 40 dozen pantry hooks, brass..... 1 cooper's marking iron..... 20 drawing knives..... 6 putty knives..... 12 dozen black walnut knobs, assorted..... 1 dozen brass knobs and spindles, 1¼ to 2½ inch..... 10 dozen brass knobs, ¾ to 1¼ inch..... 2 pitch kettles, 16 to 20 inches diameter at top..... 4 glue kettles..... 20 iron tea kettles..... | \$0 50 per dozen. 1 75 do. 3 00 do. 3 00 per gross. 4 50 do. 20 each 20 do. 50 do. 75 do. 90 do. 50 do. 50 do. 70 do. 1 10 per pair. 80 do. 35 do. 30 do. 25 do. 80 do. 40 do. 3 00 per dozen. 2 25 do. 50 do. 2 00 each. 50 do. 25 do. 40 per dozen. 6 00 do. 60 do. 2 00 each. 2 00 do. 25 do. | Brooklyn. |

| | | |
|--|-------|------------|
| 12 fish kettles..... | 75 | do. |
| 4 camp kettles..... | 50 | do. |
| 1 dozen blank drawer lock keys..... | 40 | per dozen. |
| 1 dozen blank padlock keys..... | 50 | do. |
| 1 dozen brass mortice lock keys..... | 75 | do. |
| 10 dozen iron padlocks..... | 1 50 | do. |
| 1 dozen brass padlocks, 3 inch..... | 5 25 | do. |
| 6 dozen brass dead locks, 5 inch..... | 4 00 | do. |
| 10 dozen brass drawer locks, 3 to 3½ inch..... | 4 00 | do. |
| 4 dozen brass cupboard locks, 3½ inch, right and left.. | 3 50 | do. |
| 3 dozen brass chest locks, 4 inch..... | 4 50 | do. |
| 4 dozen 4-inch mortice locks, white porcelain furniture, complete..... | 9 50 | do. |
| All the locks to be spring and tumbler, with brass works, keys of brass to differ, except the draw locks, which may have three kinds of keys to the dozen. | | |
| 12 iron ladles..... | 75 | each. |
| 1 molding plane..... | 50 | do. |
| 1 turning lathe and tools, complete, for wood and iron. | 40 00 | do. |
| 1 plow, (8 bits)..... | 3 00 | do. |
| 2 grooving planes, width of iron ¼ to 1 inch..... | 1 00 | do. |
| 10 smoothing planes, width of iron 1¾ to 2 inches..... | 75 | each. |
| 3 beading planes, width of iron ¼ to ¾ inch..... | 50 | do. |
| 12 jack planes..... | 75 | do. |
| 4 pincers, assorted..... | 75 | do. |
| 12 plyers, cutting and assorted..... | 75 | do. |
| 20 frying pans, assorted sizes..... | 19 | do. |
| 60 stew pans..... | 30 | do. |
| 30 rules, 2 feet, double and single jointed..... | 28 | do. |
| 10 wood rasps, assorted..... | 20 | do. |
| 40 pounds coppersmith's copper rivets..... | 40 | per pound. |
| 2 pounds copper hose rivets..... | 50 | do. |
| 10 pounds iron sheave rivets, ¾ to 4 inch..... | 12 | do. |
| 250 pounds iron rivets, assorted..... | 10 | do. |
| 6 wood saws..... | 1 00 | each. |
| 24 hand saws..... | 1 75 | do. |
| 2 hack saws, with frames..... | 1 50 | do. |
| 16 hack-saw blades..... | 31 | do. |
| 2 dovetail saws..... | 85 | do. |
| 2 compass saws, 10 to 15 inch..... | 40 | do. |
| 1 sash saw..... | 1 00 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|---|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Joseph L. Savage—Cont'd. | 2 keyhole saws and pads, 6 to 12 inch..... 4 tenon saws..... 4 saw sets..... 4 scale beams, to weigh 500 pounds..... 12 bench screws..... 15 clamp screws..... 1 jack screw, 2½ to 3 feet, equal to Ballard's..... 50 gross brass screws, gimlet points, Nos. 4 to 26..... 50 gross iron screws, gimlet points, Nos. 4 to 24..... 4 spoke shaves..... 6 brass squares..... 4 iron squares, 2 feet..... 2 steel squares, 2 feet..... 8 trying squares..... 24 steel coal shovels..... 6 steel shovels..... 6 steel spades..... 40 steel scoop shovels..... 20 ship scrapers, steel blades, handled..... 3 tinnern's shears..... 3 hand shears..... 2 edging stakes..... 2 planishing stakes..... 2 screw plates and taps, large size..... 2 screw plates and taps, small size..... 30 pairs scissors..... 200,000 iron cut tacks..... 6 table fasteners, 2½ by 2½ inches..... 360 pounds bench vises, 3½ to 5½ inch jaws..... 6 hand vises..... 10 waffle irons..... 100 pounds brass wire, assorted..... 25 pounds copper wire, assorted..... | \$0 50 each. 90 do. 75 do. 2 50 do. 40 do. 30 do. 15 00 do. 1 40 per gross. 75 do. 30 each. 1 00 do. 25 do. 75 do. 25 do. 1 00 do. 90 do. 90 do. 1 10 do. 50 do. 1 00 do. 1 00 do. 2 00 do. 2 00 do. 6 00 do. 3 00 do. 25 do. 10 per M. 31 each. 14 per pound. 75 each. 50 do. 31 per pound. 42 do. | Brooklyn. |

| | | |
|--|-------|------------|
| 25 pounds steel wire, assorted..... | 25 | do. |
| 20 pounds iron wire, assorted..... | 10 | do. |
| 2 water closet fixtures, water valves, stop cocks, china basins, complete..... | 4 50 | each. |
| 6 water closet cocks..... | 1 00 | do. |
| 2 water closet basins, china..... | 1 00 | do. |
| 100 pounds wood screw bolts, assorted, 1 to 6 inches long, diameter $\frac{1}{2}$ to $\frac{3}{4}$ inch..... | 12 | per pound. |
| 100 pounds pressed iron nuts..... | 10 | do. |
| 20 pounds brass tubing, $\frac{3}{4}$ to $1\frac{1}{2}$ diameter..... | 33 | do. |
| 2 dozen screw wrenches, from 6 to 24 inch, equal to Phillips's American..... | 15 00 | per dozen. |

Class No. 28, Flax Canvas—1860-61.

| | | |
|---|-------|------------|
| 10 bolts No. 1 flax canvas..... | 15 50 | per bolt. |
| 100 bolts No. 2 flax canvas..... | 15 00 | do. |
| 50 bolts No. 3 flax canvas..... | 14 00 | do. |
| 50 bolts No. 4 flax canvas..... | 12 90 | do. |
| 5 bolts No. 5 flax canvas..... | 12 00 | do. |
| 50 bolts No. 6 flax canvas..... | 10 75 | do. |
| 50 bolts No. 7 flax canvas..... | 9 25 | do. |
| 50 bolts No. 8 flax canvas..... | 8 75 | do. |
| 10 bolts light raven's duck..... | 8 00 | do. |
| 500 yards coal bagging, flax, 24 inches wide..... | 30 | per yard. |
| 250 pounds flax sewing twine, 2 and 3 thread..... | 34 | per pound. |

Class No. 29, Cotton Canvas—1860-61.

| | | |
|---|-------|-----------|
| 5 bolts No. 2 cotton canvas..... | 10 00 | per bolt. |
| 5 bolts No. 3 cotton canvas..... | 9 50 | do. |
| 100 bolts No. 4 cotton canvas..... | 9 00 | do. |
| 50 bolts No. 5 cotton canvas..... | 8 75 | do. |
| 50 bolts No. 6 cotton canvas..... | 8 35 | do. |
| 5 bolts No. 7 cotton canvas..... | 8 20 | do. |
| 40 bolts No. 8 cotton canvas..... | 7 70 | do. |
| 50 bolts No. 10 cotton canvas..... | 7 00 | do. |
| 10 bolts cot stuff, 30 inches wide..... | 11 90 | do. |
| 50 bolts bag stuff, 42 inches wide..... | 17 90 | do. |
| 25 bolts hammock stuff, 42 inches wide..... | 24 00 | do. |
| 200 yards methuen duck, 30 inches wide..... | 15 | per yard. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|--|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Joseph L. Savage—Cont'd. | <p><i>Class No. 30, Flax and Cotton Twine—1860-61.</i></p> <p>30 pounds flax whipping twine.....</p> <p>50 pounds flax seine twine.....</p> <p>400 pounds cotton twine, 5 to 8 thread</p> <p><i>Class No. 33, Hose—1860-61.</i></p> <p>300 feet leading hose, in 25 feet lengths.....</p> <p>25 feet suction hose, in 6 feet lengths.....</p> <p><i>Class No. 34, Brushes—1860-61.</i></p> <p>50 clamp brushes.....</p> <p>200 hand scrubbing brushes</p> <p>10 tar brushes, short handled</p> <p>200 whitewash brushes.....</p> <p>6 painters' dusting brushes.....</p> <p>16 varnish brushes</p> <p>25 paint brushes, 00.....</p> <p>25 paint brushes, 000</p> <p>25 paint brushes, 0000.....</p> <p>25 paint brushes, 00000</p> <p>100 paint brushes, 000000</p> <p>24 sash tool brushes.....</p> <p>6 glue brushes</p> <p>50 flue brushes, per sample.....</p> <p>36 steel wire flue brushes, assorted.....</p> <p><i>Class No. 38, Tallow, Soap, and Oil—1860-61.</i></p> <p>1,000 gallons winter strained sperm oil.....</p> <p>200 gallons best quality lard oil, for lubricating.....</p> <p>30 gallons neatsfoot oil.....</p> | <p>\$0 29 per pound.</p> <p>33 do.</p> <p>25 do.</p> <p>80 per foot.</p> <p>1 00 do.</p> <p>20 each.</p> <p>20 do.</p> <p>30 do.</p> <p>50 do.</p> <p>40 do.</p> <p>25 do.</p> <p>35 do.</p> <p>40 do.</p> <p>45 do.</p> <p>75 do.</p> <p>85 do.</p> <p>20 do.</p> <p>12 do.</p> <p>1 00 do.</p> <p>1 50 do.</p> <p>1 40 per gallon.</p> <p>1 10 do.</p> <p>80 do.</p> | Brooklyn. |

| | | | |
|---------------------------------------|----|----|-------------|
| 20 gallons sweet oil..... | 1 | 40 | do. |
| 100 gallons fish oil..... | 1 | 50 | do. |
| 1 barrel soft soap..... | 3 | 00 | per barrel. |
| 400 pounds best hard brown soap | 6 | | per pound. |
| 10 pounds best salt-water soap..... | 8 | | do. |
| 5 pounds old Castile soap..... | 12 | | do. |
| 2,500 pounds pure beef tallow..... | 13 | | do. |

Class No. 39, Ship Chandlery—1860-61.

| | | | |
|--|----|----|-------------|
| 1 carboy muriatic acid—say 100 pounds..... | 4 | | do. |
| 1 carboy sulphuric acid—say 100 pounds..... | 4 | | do. |
| 3 dozen coal baskets | 4 | 00 | per dozen. |
| 400 pounds beeswax..... | 37 | | per pound. |
| 300 Bath bricks..... | 4 | | each. |
| 400 hickory brooms..... | 15 | | do. |
| 500 corn brooms..... | 25 | | do. |
| 100 pounds refined borax | 23 | | per pound. |
| 50 pounds white chalk..... | 2 | | do. |
| 10 silver calls..... | 2 | 75 | each. |
| 300 bushels hard-wood charcoal..... | 19 | | per bushel. |
| 400 pounds spun cotton..... | 12 | | per pound. |
| 2 skeins large catgut | 20 | | per skein. |
| 50 pounds cane seating..... | 20 | | per pound. |
| 2 bass drums..... | 10 | 50 | each. |
| 4 tenor drums..... | 7 | 50 | do. |
| 1 bass drum head | 1 | 75 | do. |
| 4 tenor drum heads..... | 1 | 00 | do. |
| 6 drum snares..... | 75 | | do. |
| 20 pounds emory, assorted | 9 | | per pound. |
| 3 reams emory cloth | 7 | 50 | per ream. |
| 25 square yards boiler felting, as per sample..... | 2 | 50 | per sq. yd. |
| 2 bundles cooper's flags..... | 25 | | per bundle. |
| 4 glasses, 60"..... | 1 | 00 | each. |
| 10 glasses, 30"..... | 90 | | do. |
| 1 grindstone, 120 pounds, mounted..... | 3 | 50 | do. |
| 100 pounds best white glue | 20 | | per pound. |
| 100 fish hooks, cod and assorted | 1 | 00 | per 100 |
| 500 inches mast hoops, hickory..... | 4 | | per inch. |
| 1 dozen ax handles..... | 1 | 20 | per dozen. |
| 1 dozen sledge handles..... | 1 | 00 | per dozen. |
| 1 dozen hammer handles..... | 75 | | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|--|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Joseph L. Savage—Cont'd. | 300 sheets horn, for lanterns 4 dozen brass tea kettle knobs 3 leads, "Ogden's" 1 "Massey's" log 100 fishing lines, 240 feet each 10 measuring lines, metallic, 100 feet each 10 barrels lime, of 200 pounds each ½ pound sheet mica 50 pounds mercury, in flasks 100 sail needles 500 seaming needles 500 roping needles 6 oil stones—say 10 pounds 1 paint stone and muller 5 life preservers 50 pounds potash 50 pounds prussiate of potash 100 mounted palms, sewing 25 mounted palms, roping 5 sets pokers, shovels, and tongs 3 reams heavy wrapping paper 5 reams sand-paper, assorted 400 yards thin parceling, (flax) 500 pounds rubber sheet packing 100 pounds rubber gaskets, per pattern 300 pounds soda ash 20 pounds rotten stone, in lumps 40 pounds flour of sulphur 1 seine, of tanned flax, 80 fathoms, with bag and sinkers, complete 50 pounds thrums 4 thermometers 200 pounds tumeric | \$0 10 per sheet. 1 00 per dozen. 9 75 each. 9 75 do. 25 do. 2 00 do. 1 00 per barrel. 3 00 per pound. 50 do. 1 00 per 100. 1 00 do. 1 00 do. 25 per pound. 1 00 each. 2 00 do. 5 per pound. 15 do. 25 each. 25 do. 2 25 per set. 2 50 per ream. 2 75 do. 5 per yard. 40 per pound. 60 do. 2 do. 3 do. 3 do. 60 00 each. 25 per pound. 1 00 each. 5 per pound | Brooklyn. |

| | | |
|---|-------|------------|
| 100 pounds cotton packing yarn..... | 16 | do. |
| 1,000 pounds cotton waste..... | 10 | do. |
| 2 ratchet drills..... | 6 50 | each. |
| 2 guide ring tube expanders, 2-inch tubes, equal to "Prosser's"..... | 4 00 | do. |
| 2 spring tube expanders, 2-inch tubes, equal to "Pros- ser's"..... | 3 50 | do. |
| 2 screw tube expanders, 2-inch tubes, equal to "Pros- ser's"..... | 4 50 | dc. |
| 6 glass tubes, for water gauges, assorted..... | 50 | do. |
| 12 glass tubes, for hot-well thermometer..... | 50 | do. |
| 10 hydrometers..... | 1 50 | do. |
| 100 pounds round packing, with duck outside..... | 65 | per pound. |
| 100 pounds pure vulcanized rubber valves, per pattern..... | 60 | do. |
| 6 thermometers, brass frames, for salinometer pots..... | 75 | each. |
| 1 dozen India rubber oil cans; assorted..... | 10 50 | per dozen. |

Class No. 21, Iron—1860-61.

| | | | |
|--|-----------------|------------|---------------|
| 25,000 pounds round iron, from $\frac{1}{8}$ to $2\frac{1}{4}$ inch..... | 3 $\frac{1}{2}$ | per pound. | Philadelphia. |
| 5,000 pounds square iron, from $\frac{1}{8}$ to $3\frac{3}{4}$ inch..... | 1 $\frac{1}{2}$ | do. | |
| 10,000 pounds flat iron, from $\frac{1}{4}$ to 1 inch thick, and 1 to 10 inches wide..... | 1 | do. | |
| 350 pounds saucer or clinch rings, from $1\frac{3}{8}$ to $1\frac{1}{4}$ inch... | 8 | do. | |
| 50 pounds cast steel, from $\frac{3}{8}$ to 3 inches square..... | 16 | do. | |

Class No. 22, Spikes and Nails—1860-61.

| | | |
|---|-----------------|-----|
| 1,000 pounds hand-made wrought-iron spikes, from 4 to 8 inches long..... | 4 | do. |
| 200 pounds cut iron spikes, from 4 to 8 inches long.... | 4 | do. |
| 550 pounds wrought-iron nails, 6d to 30d..... | 4 | do. |
| 1,200 pounds iron cut nails, 4d to 40d..... | 3 $\frac{1}{2}$ | do. |
| 150 pounds iron finishing nails, from $\frac{1}{2}$ to 2 inch..... | 4 | do. |

Class No. 28, Flax Canvas—1860-61.

| | | |
|---------------------------------|-------|-----------|
| 2 bolts No. 1 flax canvas..... | 16 00 | per bolt. |
| 5 bolts No. 2 flax canvas..... | 15 25 | do. |
| 15 bolts No. 3 flax canvas..... | 13 50 | do. |
| 7 bolts No. 4 flax canvas..... | 13 25 | do. |
| 2 bolts No. 5 flax canvas..... | 11 75 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|---------------------------|--|--|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Jos. L. Savage—Continued. | 5 bolts No. 6 flax canvas..... 5 bolts No. 7 flax canvas..... 5 bolts No. 8 flax canvas..... 2 bolts light raven's duck..... 50 yards flax coal bagging..... 50 pounds flax sewing twine, 2 and 3 thread..... | \$11 00 per bolt. 9 00 do. 8 50 do. 8 00 do. 33 per yard. 33 per pound. | Philadelphia. |
| | | | <i>Class No. 29, Cotton Canvas—1860-61.</i> | | |
| | | | 1 bolt No. 1 cotton canvas..... 2 bolts No. 2 cotton canvas..... 2 bolts No. 3 cotton canvas..... 10 bolts No. 4 cotton canvas..... 2 bolts No. 5 cotton canvas..... 2 bolts No. 6 cotton canvas..... 2 bolts No. 7 cotton canvas..... 2 bolts No. 8 cotton canvas..... 2 bolts No. 9 cotton canvas..... 2 bolts No. 10 cotton canvas..... 1 bolt cot stuff, 30 inches wide..... 5 bolts bag stuff, 42 inches wide..... 10 bolts hammock stuff, 42 inches wide..... 35 yards burlop canvas, $\frac{3}{4}$ inch..... | 10 00 per bolt. 9 75 do. 9 75 do. 9 00 do. 8 50 do. 8 25 do. 8 00 do. 7 50 do. 7 00 do. 6 90 do. 12 00 do. 17 50 do. 24 00 do. 10 per yard. | |
| | | | <i>Class No. 30, Flax and Cotton Twine—1860-61.</i> | | |
| | | | 3 pounds tufting twine..... 50 pounds cotton twine, 5 to 8 thread..... | 30 per pound. 27 do. | |
| | | | <i>Class No. 32, Leather—1860-61.</i> | | |
| | | | 25 pounds rigging leather, sides not less than 10 pounds. 45 pounds pump leather, sides not less than 30 pounds. | 33 do. 30 do. | |

| | | |
|--|------|-----------|
| 12 pounds bellows leather, sides not less than 6 pounds..... | 40 | do. |
| 1 skin of buff leather..... | 1 70 | per skin. |

Class No. 33, Hose—1860-61.

| | | |
|--|------|-----------|
| 175 feet leading hose, in 25 feet lengths..... | 80 | per foot. |
| 62 feet suction hose, in 6 feet lengths..... | 1 50 | do. |

Class No. 34 Brushes—1860-61.

| | | |
|--|------|------------|
| 12 clamp brushes, in handles and blocks, complete..... | 25 | each. |
| 12 hand scrubbing brushes..... | 20 | do. |
| 12 tar brushes, short handled..... | 25 | do. |
| 6 tar brushes, long handled..... | 40 | do. |
| 30 whitewash brushes, 8 knots..... | 30 | do. |
| 3 hand dusting brushes..... | 25 | do. |
| 9 painters' dusting brushes..... | 40 | do. |
| 10 varnish brushes..... | 30 | do. |
| 12 tar brushes..... | 25 | do. |
| 30 paint brushes, 00..... | 40 | do. |
| 25 paint brushes, 000..... | 50 | do. |
| 42 paint brushes, 000000..... | 75 | do. |
| 65 sash tool brushes, assorted, Nos. 6 and 7..... | 20 | do. |
| 18 fitch brushes..... | 10 | do. |
| 12 flue brushes, per sample..... | 1 00 | do. |
| 6 camels' hair brushes..... | 10 | do. |
| 7 pounds bristles..... | 2 00 | per pound. |

Class No. 38, Tallow, Soap, and Oil—1860-61.

| | | |
|--|------|-------------|
| 450 gallons winter strained sperm oil..... | 1 50 | per gallon. |
| 50 gallons best lard oil, for lubricating..... | 1 20 | do. |
| 15 gallons neatsfoot oil..... | 90 | do. |
| 30 gallons fish oil..... | 60 | per gallon. |
| 50 pounds best hard brown soap..... | 9 | per pound. |
| 50 pounds old Castile soap..... | 12 | do. |
| 425 pounds pure beef tallow..... | 14 | do. |

Class No. 39, Ship Chandlery—1860-61.

| | | |
|------------------------|----|------------|
| 37 pounds beeswax..... | 45 | per pound. |
| 65 Bath bricks..... | 4 | each. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|----------------------------|---|--|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | Jos. L. Savage—Cont'd | 1 bellows, hand..... 3 pounds refined borax..... 7 lamp chimneys 3 candlesticks 6 skeins large catgut 10 pounds sash cord, assorted 30 square yards boiler felting, per sample..... 1 bundle coopers' flags..... 1 grind stone, 120 pounds, mounted 20 pounds best white glue..... 6 sail hooks..... 1 set truss hoops..... 10 dozen walnut and mahogany knobs..... 1 "Massey's" log 3 chalk lines, 80 to 100 feet each..... 8 hand lines, 80 to 100 feet each..... 2 lines, deep sea, per sample 1 measuring line, metallic, 100 feet 1 coasting line, 120 fathoms 3 gross lampwicks, woven, circular..... 10 pounds lampwick yarn..... 3 glasses, for lanterns..... 5 lamps, with reflectors, per sample 1 Erickson lead..... 3 jars of chloride of lime, in 20-pound jars..... 4 pounds crocus mortis 100 sail needles..... 150 seaming needles..... 10 papers sewing needles..... 2 oil stones, say 10 pounds 1 paint stone and muller..... 16 life preservers..... 2 mounted palms, sewing | \$1 50 each. 25 per pound. 20 each. 20 do. 50 per skein. 25 per pound. 1 75 per sq. yard. 25 per bundle. 4 00 each. 30 per pound. 25 each. 1 50 per set. 25 per dozen. 8 00 each. 10 do. 25 do. 1 50 do. 4 00 do. 2 00 do. 1 00 per gross. 25 per pound. 75 each. 1 50 do. 9 00 do. 2 00 do. 10 per pound. 2 00 per 100. 1 00 do. 5 per paper. 20 per pound. 5 00 each. 2 00 do. 50 do | Philadelphia. |

| | | |
|--|-------|------------|
| 6 sail prickers, steel, three-square points, 5½ to 8 inches long | 25 | do. |
| 5 mounted palms, roping | 50 | do. |
| 2 sets pokers, shovels, and tongs | 1 75 | per set. |
| 12 steel coal shovels | 1 00 | each. |
| 29 steel scoop coal shovels..... | 75 | do. |
| 50 sheets sand paper, assorted..... | 1 | per sheet. |
| 10 pounds pumice stone, pulverized..... | 6 | per pound. |
| 1 chamois skin..... | 50 | each. |
| 5 hand trumpets..... | 75 | do. |
| 1 turning lathe and two sets turning tools, for wood... | 65 00 | per set. |

Class No. 22, Spikes and Nails—1860-61.

| | | |
|---|----|------------|
| 2,000 pounds iron cut nails, from 4d to 40d..... | 3½ | per pound. |
| 800 pounds iron wrought nails, from 4d to 40d..... | 3½ | do. |
| 10 pounds iron clout nails, from ½ to 1¼ inch | 25 | do. |

Washington.

Class No. 24, Pig Iron—1860-61.

| | | |
|---|-------|----------|
| 50 tons No. 1 best cold blast American anthracite pig iron, 2,240 pounds to the ton | 22 90 | per ton. |
| 25 tons No. 2 best American pig iron, 2,240 pounds to the ton | 21 00 | do. |

Class No. 25, Hardware—1860-61.

| | | |
|--|-------|------------|
| 300 pounds brass wire, from No. 22 to ½ inch | 27 | per pound. |
| 75 pounds copper iron, No. 15, wire gauge..... | 38 | do. |
| 400 pounds iron wire, from No. 2 to 20..... | 6 | do. |
| 100 feet brass tubing, 1 inch outside and ¾ inch inside diameter..... | 28 | per foot. |
| 2 dozen iron ladles, 9 inches in diameter, 4½ inches deep, and ¼ inch thick..... | 25 00 | per dozen. |
| 2 dozen brass screw rings, assorted..... | 25 | do. |
| 10 gross brass screws, from No. 4 to 20, gimlet points, as ordered | 75 | per gross. |
| 20 gross iron screws, from No. 3 to 20, gimlet points, as ordered | 50 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. | |
|---------|-------------|---------------------------|---|-------------------|------------------------------|--|
| 1860. | 1861. | | <i>Class No. 32, Leather—1860-61.</i> | | | |
| Oct. 18 | June 30 | Jos. L. Savage—Cont'd.... | 56 pounds best pump leather, to weigh not less than 28 pounds to the side | \$0 34 per pound. | Washington. | |
| | | | <i>Class No. 39, Ship Chandlery—1860-61.</i> | | | |
| | | | 200 pounds muriatic acid | 5½ do. | | |
| | | | 10 pounds beeswax..... | 40 do. | | |
| | | | 24 corn brooms..... | 25 each. | | |
| | | | 12 hickory brooms..... | 16 do. | | |
| | | | 150 pounds cotton waste..... | 14 per pound. | | |
| | | | 150 pounds cotton lamp wick | 20 do. | | |
| | | | 60 yards casinet, per sample | 65 per yard. | | |
| | | | 1 pound black thread | 75 per pound. | | |
| | | | 2 papers sewing needles..... | 10 per paper. | | |
| | | | 250 pounds vulcanized rubber, for joints, as ordered ... | 49 per pound. | | |
| | | | 2 barrels rosin, No. 1, each to weigh 300 pounds..... | 3 00 per barrel. | | |
| | | | 2 reams assorted sand paper..... | 2 50 per ream. | | |
| | | | <i>Class No. 47, Bellows—1860-61.</i> | | | |
| | | | 12 smiths' bellows, each 32 inches wide and 44 inches long, exclusive of pipe, which is to be 10 inches, as per sample..... | 15 75 each. | | |
| | | | <i>Class No. 24, Pig Iron—1860-61.</i> | | | |
| | | | 10 tons charcoal pig iron, No. 1..... | 26 00 per ton. | Gosport. | |
| | | | 20 tons anthracite cold-blast pig iron, No. 1..... | 23 20 do. | | |
| | | | 20 tons anthracite pig iron, No. 2..... | 22 15 do | | |

Class No. 28, Flax Canvas—1860-61.

| | | |
|---|-------|------------|
| 20 bolts No. 1 flax canvas..... | 14 50 | per bolt. |
| 30 bolts No. 2 flax canvas..... | 13 00 | do. |
| 50 bolts No. 3 flax canvas..... | 12 50 | do. |
| 50 bolts No. 4 flax canvas..... | 12 00 | do. |
| 30 bolts No. 5 flax canvas..... | 11 50 | do. |
| 20 bolts No. 6 flax canvas..... | 11 25 | do. |
| 20 bolts No. 7 flax canvas..... | 11 00 | do. |
| 20 bolts No. 8 flax canvas..... | 10 75 | do. |
| 40 bolts light raven's duck..... | 10 50 | do. |
| 1,000 yards flax coal bagging, 30 inches wide..... | 35 | per yard. |
| 1,500 pounds flax sewing twine, 2 and 3 thread..... | 35 | per pound. |

Class No. 29, Cotton Canvas—1860-61.

| | | |
|------------------------------------|-------|-----------|
| 100 bolts No. 4 cotton canvas..... | 10 50 | per bolt. |
| 50 bolts No. 5 cotton canvas..... | 10 00 | do. |
| 50 bolts No. 6 cotton canvas..... | 8 50 | do. |
| 30 bolts No. 10 cotton canvas..... | 8 00 | do. |

Class No. 38, Tallow, Soap, and Oil—1860-61.

| | | | | | | |
|---------|---------|-------------------|---|-------|-------------|-------------|
| Oct. 24 | June 30 | John B. Todd..... | 600 gallons winter strained sperm oil..... | 1 37½ | per gallon. | Warrington. |
| | | | 100 gallons best lard oil, for lubricating..... | 1 00 | do. | |
| | | | 50 gallons neatsfoot oil..... | 95 | do. | |
| | | | 25 gallons sweet oil..... | 1 50 | do. | |
| | | | 100 gallons fish oil..... | 50 | do. | |
| | | | 2,000 pounds pure beef tallow..... | 11½ | per pound. | |

Class No. 40, Stationery—1860-61.

| | | | | | | |
|--------|---------|---------------------|--|----|-------|--------------|
| Nov. 3 | June 30 | Wm. A. Wheeler..... | 3 pounds refined gum arabic..... | 20 | do. | Charlestown. |
| | | | 6 blank-books, cap size, 1 quire, half bound, faint lined..... | 25 | each. | |
| | | | 6 blank-books, cap size, 2 quires, half bound, faint lined..... | 50 | do. | |
| | | | 6 blank-books, cap size, 3 quires, half bound, faint lined..... | 75 | do. | |
| | | | 2 letter books, cap size, 3 quires, half bound, faint lined..... | 75 | do. | |
| | | | 25 memorandum books, 1 quire thick, half bound, with loops..... | 10 | do. | |

LIST OF CONTRACTS—Continued.

| Date | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|-----------------|------------------|-----------------------|--|--|------------------------------|
| 1860. Nov. 3 | 1861. June 30 | Wm. A. Wheeler.—Con'd | 25 memorandum books, 1 quire thick, bound in leather. 2 sand boxes, hard wood..... 10 yards tracing cloth..... 5 bottles carmine ink, half pints..... 10 bottles black ink, half pints..... 10 bottles black ink, pints..... 2 bottles blue ink, quarts..... 6 papers ink powder..... 4 pieces India ink..... 6 inkstands, assorted..... 2 India ink saucers..... 2 erasers, with ivory handles..... 2 paper folders, ivory..... 12 penknives, four blades, "Congress"..... 2 desk knives, ivory handles..... 6 ivory pounce boxes and pounce..... 10 gross steel pens, assorted..... 2 dozen penholders to suit pens..... 6 dozen pencils, drawing, best black, and equal to Faber's..... 50 slate pencils, best white Rutland..... 1 dozen camels' hair pencils..... 1 dozen sable hair pencils..... 2 reams log paper..... 10 reams foolscap paper, regulation, ruled..... 10 reams foolscap paper, faint lined..... 10 reams letter paper, faint lined..... 3 reams envelope paper..... 1 ream blotting paper..... 1 ream cartridge paper..... 1 roll drawing paper, 24 yards long, 54 inches wide.... 20 sheets drawing paper, double elephant..... 12 sheets drawing paper, elephant..... | \$0 12 each. 25 do. 35 per yard. 25 each. 15 do. 25 do. 75 do. 10 do. 10 do. 50 do. 50 do. 30 do. 50 do. 1 00 do. 50 do. 50 do. 1 00 per gross. 25 per dozen. 50 do. 20 per 100. 50 per dozen. 50 do. 5 50 per ream. 2 75 do. 2 50 do. 2 25 do. 3 00 do. 4 50 do. 5 00 do. 10 00 per roll. 30 per sheet. 25 do. | Charlestown. |

| | | | | | | | |
|------|----|---------|---|--|------------|-----------------|--------------|
| | | | 12 sheets tracing paper, double elephant..... | 40 | do. | | |
| | | | 6 drawing pens..... | 25 | each. | | |
| | | | 24 drawing pens..... | 2 | do. | | |
| | | | 1 portfolio..... | 1 50 | do. | | |
| | | | 100 quills, No. 80..... | 10 00 | per M. | | |
| | | | 2 parallel rulers, ebony, 24 inch..... | 1 00 | each. | | |
| | | | 2 round rulers, ebony..... | 50 | do. | | |
| | | | 2 flat rulers..... | 50 | do. | | |
| | | | 2 rolling rulers, 20 inch..... | 50 | do. | | |
| | | | 2 pounds rubber, prepared, (in ounce pieces)..... | 1 50 | per pound. | | |
| | | | 6 pieces erasive gum..... | 10 | each. | | |
| | | | 24 double-log slates, hard wood frames..... | 80 | do. | | |
| | | | 12 single slates, hard wood frames..... | 25 | do. | | |
| | | | 6 porcelain slates, 8 by 10 inches..... | 75 | do. | | |
| | | | 2 drawing squares, ebony, 4 feet tongue..... | 1 00 | do. | | |
| | | | 2 drawing triangles..... | 1 00 | do. | | |
| | | | 2 wafer seals, ivory..... | 50 | do. | | |
| | | | 1 dozen papers black sand, half pints..... | 1 00 | per dozen. | | |
| | | | 2 Gunter scales..... | 50 | each. | | |
| | | | 6 pieces red tape..... | 3 | per piece. | | |
| | | | 12 pieces silk taste..... | 12 | do. | | |
| | | | 3 pounds wafers, American..... | 50 | per pound. | | |
| | | | 3 pounds sealing wax..... | 1 00 | do. | | |
| | | | 12 cakes water colors, best quality..... | 25 | each. | | |
| | | | 1,000 self-sealing envelopes, assorted sizes and colors..... | 5 00 | per M. | | |
| | | | 12 small memorandum books..... | 25 | each. | | |
| | | | <i>Class No. 15, White Oak Staves and Headings—1860-61.</i> | | | | |
| Oct. | 18 | June 30 | Samuel P. Brown..... | 300 pieces white oak staves, in length 62 inches..... | 15 | per piece. | Warrington. |
| | | | | 200 pieces white oak staves, in length 56 inches..... | 15 | do. | |
| | | | | 400 pieces white oak staves, in length 34 inches..... | 12½ | do. | |
| | | | | 500 pieces white oak headings, in length 32 inches..... | 20 | do. | |
| | | | <i>Class No. 14, White Ash Oars and Hickory Buts—1860-61.</i> | | | | |
| Oct. | 13 | June 30 | George W. Hooper..... | 1,000 feet white ash oar rafters, from 15 to 18 feet long..... | 5 | per foot. | Charlestown. |
| | | | | 50 cubic feet hickory buts..... | 50 | per cubic foot. | |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-----------------------------|---|--|--|
| 1860. Oct. 13 | 1861. June 30 | George W. Hooper—Continued. | <p><i>Class No. 14, White Ash Oars, Hickory Bars and Buts—1860-61.</i></p> <p>2,500 feet white ash oar rafters, from 14 to 18 feet long.....</p> <p>12 white-heart hickory bars, from 12 to 14 feet long ...</p> <p>75 cubic feet hickory butts.....</p> <p><i>Class No. 14, White Ash Oars—1860-61.</i></p> <p>2,000 feet white ash oar rafters, from 14 to 16 feet long.....</p> <p><i>Class No. 2, White Oak Plank—1860-61.</i></p> <p>3,000 feet, board measure, 6-inch white oak plank.....</p> <p>12,000 feet, board measure, 5-inch white oak plank....</p> <p>1,000 feet, board measure, 7-inch white oak plank.....</p> <p><i>Class No. 28, Flax Canvas—1860-61.</i></p> <p>12 bolts No. 3 flax canvas.....</p> <p>3 bolts No. 4 flax canvas.....</p> <p>3 bolts No. 5 flax canvas.....</p> <p>12 bolts No. 6 flax canvas.....</p> <p>5 bolts No. 7 flax canvas.....</p> <p>6 bolts No. 8 flax canvas.....</p> <p>2 bolts light raven's duck.....</p> <p>40 pounds flax sewing twine, 2 and 3 thread.....</p> <p><i>Class No. 28, Flax Canvas—1860-61.</i></p> <p>10 bolts No. 1 flax canvas.....</p> <p>80 bolts No. 2 flax canvas.....</p> | <p>\$0 04$\frac{1}{4}$ per foot.</p> <p>1 75 each.</p> <p>40 per cubic foot.</p> <p>6 per foot.</p> <p>5.7 do.</p> <p>5.7 do.</p> <p>5.7 do.</p> <p>14 20 per bolt.</p> <p>13 35 do.</p> <p>12 25 do.</p> <p>11 25 do.</p> <p>9 60 do.</p> <p>8 50 do.</p> <p>5 60 do.</p> <p>35 per pound.</p> <p>15 80 per bolt.</p> <p>14 85 do.</p> | <p>Brooklyn.</p> <p>Warrington.</p> <p>Kittery.</p> <p>Charlestown</p> |

| | | |
|--|-------|------------|
| 90 bolts No. 3 flax canvas..... | 14 35 | do. |
| 90 bolts No. 4 flax canvas..... | 13 40 | do. |
| 15 bolts No. 5 flax canvas..... | 12 50 | do. |
| 20 bolts No. 6 flax canvas..... | 11 25 | do. |
| 20 bolts No. 7 flax canvas..... | 9 60 | do. |
| 10 bolts No. 8 flax canvas..... | 8 60 | do. |
| 10 bolts light ravens duck..... | 6 00 | do. |
| 200 pounds flax sewing twine, 2 and 3 thread | 30 | per pound. |

Class No. 35, Bunting and Dry Goods—1860-61.

| | | |
|--------------------------------------|------|------------|
| 10 pieces 18-inch red bunting..... | 6 00 | per piece. |
| 5 pieces 12-inch red bunting..... | 3 00 | do. |
| 5 pieces 9-inch red bunting..... | 2 50 | do. |
| 10 pieces 4½-inch red bunting..... | 2 00 | do. |
| 30 pieces 18-inch blue bunting..... | 5 50 | do. |
| 5 pieces 12-inch blue bunting..... | 2 50 | do. |
| 5 pieces 9-inch blue bunting..... | 2 50 | do. |
| 15 pieces 4½-inch blue bunting..... | 2 00 | do. |
| 10 pieces 18-inch white bunting..... | 5 50 | do. |
| 5 pieces 12-inch white bunting..... | 3 00 | do. |
| 5 pieces 9-inch white bunting..... | 2 50 | do. |
| 10 pieces 4½-inch white bunting..... | 2 00 | do. |
| 1 piece 18-inch green bunting..... | 4 00 | do. |
| 1 piece 18-inch yellow bunting..... | 4 00 | do. |
| 60 yards Barnsley sheeting..... | 55 | per yard. |
| 40 yards green baize..... | 45 | do. |
| 50 yards fearnaught..... | 2 00 | do. |
| 20 yards satinnet..... | 50 | do. |

Gosport.

Class No. 27, Cotton Canvas, by sample—1860-61.

| | | | |
|--|--|-------|-----------|
| Oct. 12 June 30 William E. Hooper..... | 2 bolts No. 2 cotton canvas..... | 12 25 | per bolt. |
| | 8 bolts No. 4 cotton canvas..... | 11 45 | do. |
| | 4 bolts No. 6 cotton canvas..... | 10 55 | do. |
| | 3 bolts bag stuff, 42 inches wide..... | 22 00 | do. |
| | 6 bolts hammock stuff, 42 inches wide..... | 29 00 | do. |

Kittery.

Class No. 32, Leather, by sample—1860-61.

| | | | |
|------------------------------------|--|----|------------|
| Oct. 18 June 30 A. Q. Wendall..... | 500 pounds rigging leather, sides not less than 10 pounds..... | 32 | per pound. |
|------------------------------------|--|----|------------|

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|--|------------------------------|
| 1860. Oct. 18 | 1861. June 30 | A. Q. Wendell—Continued. | 60 pounds bellows leather, sides not less than 10 pounds..... 4 skins buff leather..... | \$0 60 per pound. 50 per skin. | Kittery. |
| | | | <i>Class No. 37, Pitch, Tar, and Rosin, by sample—1860-61.</i> | | |
| Oct. 17 | June 30 | William Lang..... | 25 barrels thin tar, each containing not less than 30 gallons..... 40 barrels pitch, each containing not less than 300 pounds..... 5 barrels No. 1 rosin, each containing not less than 300 pounds..... 20 barrels soft turpentine, each containing not less than 280 pounds..... 4 barrels coal tar, each containing not less than 30 gallons..... 50 gallons tar oil..... | 3 25 per barrel. 2 50 do. 2 00 do. 3 00 do. 1 25 do. 50 per gallon. | |
| | | | <i>Class No. 38, Tallow, Soap, and Oil—1860-61.</i> | | |
| | | | 40 gallons winter strained oil..... 2 gallons neatsfoot oil..... 20 gallons fish oil..... 20 pounds old Castile soap..... 350 pounds pure beef tallow..... | 1 65 do. 1 10 do. 50 do. 10 per pound. 11 do. | |
| | | | <i>Class No. 31, Glass—1860-61.</i> | | |
| | | | 25 lights 8 by 10 inch double-thick crown glass..... 25 lights 9 by 12 inch do. do..... 10 lights 10 by 12 inch do. do..... 50 lights 10 by 14 inch do. do..... 10 lights 10 by 16 inch do. do..... | 6 per light. 10 do. 15 do. 16 do. 16 do. | Charlestown. |

| | | | | |
|---|-----|-----|------|------------|
| 25 lights 12 by 14 inch | do. | do. | 16 | do. |
| 20 lights 12 by 16 inch | do. | do. | 16 | do. |
| 50 lights 12 by 18 inch | do. | do. | 16 | do. |
| 10 lights 14 by 20 inch | do. | do. | 20 | do. |
| 10 lights 16 by 24 inch | do. | do. | 30 | do. |
| 10 lights 24 by 30 inch | do. | do. | 50 | do. |
| 12 port glasses, 6 inches diameter, 1 inch thick, polished | | | 80 | each. |
| 6 clear magazine lens, 12 inches diameter, 1/2 inch thick, polished | | | 3 50 | do. |
| 6 straight deck lights, 10 by 3 inches | | | 75 | do. |
| 12 glass tubes for water gauges of boilers | | | 25 | do. |
| 5 pounds ground glass | | | 5 | per pound. |

Class No. 40, Stationery—1860-61.

| | | | | | | |
|---------|---------|-------------------|--|------|------------|----------|
| Oct. 15 | June 30 | Charles C. Harvey | 2 pounds refined gum arabic | 50 | do. | Kittery. |
| | | | 6 books, letter size, 3 quires, faint lined, half bound | 75 | each. | |
| | | | 36 memorandum books, 1 quire thick, half bound, with loops | 20 | do. | |
| | | | 36 memorandum books, 1 quire thick, bound in leather | 20 | do. | |
| | | | 6 bottles carmine ink, half pints | 50 | do. | |
| | | | 24 bottles black ink, half pints | 10 | do. | |
| | | | 24 bottles black ink, pints | 18 | do. | |
| | | | 12 inkstands, assorted | 25 | do. | |
| | | | 6 paper folders, ivory | 33 | do. | |
| | | | 12 penknives, four blades, "Congress" | 1 25 | do. | |
| | | | 6 gross steel pens, assorted | 75 | per gross. | |
| | | | 6 dozen best blacklead pencils | 50 | per dozen. | |
| | | | 12 dozen slate pencils, best white Rutland | 2 | do. | |
| | | | 1 dozen camels' hair pencils | 16 | do. | |
| | | | 2 reams log paper | 7 50 | per ream. | |
| | | | 2 reams foolscap paper, regulation, ruled, faint lined | 6 00 | do. | |
| | | | 6 reams foolscap paper, faint lined | 5 00 | do. | |
| | | | 6 reams letter paper, faint lined | 2 00 | do. | |
| | | | 1 ream envelope paper | 7 00 | do. | |
| | | | 1 ream blotting paper | 1 00 | do. | |
| | | | 2 pounds India rubber, prepared, 1-oz. pieces | 1 00 | per pound. | |
| | | | 12 double log slates, hard-wood frames | 1 00 | each. | |
| | | | 12 single slates, hard-wood frames | 40 | do. | |
| | | | 1 dozen papers black sand, half pints | 25 | per dozen. | |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. | | |
|------------------|------------------|--------------------------|---|---|------------------------------|---|--|
| 1860. Oct. 15 | 1861. June 30 | Charles C. Harvey—Con d. | 24 pieces silk taste..... 1,000 self-sealing envelopes, small size..... 1,000 self-sealing envelopes, large size..... | \$0 20 per piece. 3 00 per M. 5 00 do. | Kittery. | | |
| | | | <i>Class No. 15, White Oak Staves and Headings—1860-61.</i> | | | | |
| Nov. 17 | June 30 | Westby Smith | 500 pieces white oak staves, in length 62 inches..... 500 do do do do 56 inches..... 500 do do do do 44 inches..... 500 do do do do 34 inches..... 500 pieces prime white ash barrel staves..... | 11½ per piece. 10½ do. 9¾ do. 8¾ do. 4½ do. | Brooklyn. | | |
| | | | <i>Class No. 27, Paints, Oils, &c.—1860-61.</i> | | | | |
| Oct. 12 | June 30 | William D. Kennedy | 8,000 pounds pure dry white lead..... 1,000 pounds pure white lead, in oil, in 25 and 50 pound kegs..... 500 pounds black paint, in oil, in 25 and 50 pound kegs | 7 per pound. 8½ do. 5 do. | | | |
| | | | 500 pounds metallic paint, dry, equal to "Prince's".... 50 pounds brown zinc paint, in oil, in 25-pound kegs. 1,000 pounds white zinc paint, in oil..... 400 pounds white zinc paint, dry..... 2,000 pounds red lead, dry..... 500 pounds litharge, dry..... 2,000 pounds whiting, dry..... 1,200 pounds lampblack, dry..... 20 pounds terra de sienna, oil..... 100 pounds chrome green, dry..... 15 pounds Indian red, dry..... 150 pounds verdigris, ground, in oil..... 25 pounds Chinese vermilion, dry..... 10 pounds Chinese blue, dry..... | | | 1 do. 7 do. 8 do. 2 do. 7½ do. 1 do. 1 do. 1 do. 10 do. 15 do. 10 do. 10 do. 25 do. 10 do. | |

| | | |
|--|------|-------------|
| 25 pounds ultra-marine blue, dry..... | 10 | do. |
| 150 pounds gum shellac..... | 20 | do. |
| 100 pounds brown manganese..... | 1 | do. |
| 4 pounds ivory black..... | 10 | do. |
| 4 pounds Vandyke brown..... | 10 | do. |
| 1,000 gallons linseed oil, raw..... | 64 | per gallon. |
| 50 pounds patent dryers..... | 12 | per pound. |
| 125 pounds sugar of lead..... | 10 | do. |
| 200 gallons spirits of turpentine..... | 55 | per gallon. |
| 100 gallons spirits of wine, 95 per cent. proof..... | 20 | do. |
| 20 gallons black varnish..... | 10 | do. |
| 5 gallons copal varnish..... | 2 00 | do. |
| 15 gallons coach varnish..... | 2 00 | do. |
| 15 gallons Japan varnish..... | 1 00 | do. |
| 30 gallons harness varnish..... | 75 | do. |
| 10 gallons white demar varnish..... | 2 00 | do. |
| 10 gallons bright varnish..... | 35 | do. |

Class No. 31, Glass—1860-61.

| | | |
|--|------|------------|
| 5 lights 7 by 9 inch double thick crown glass..... | 7 | per light. |
| 5 lights 8 by 10 inch double thick crown glass..... | 7 | do. |
| 5 lights 9 by 12 inch double thick crown glass..... | 17 | do. |
| 5 lights 10 by 12 inch double thick crown glass..... | 17 | do. |
| 200 lights 10 by 14 inch double thick crown glass..... | 7 | do. |
| 50 lights 10 by 16 inch double thick crown glass..... | 9 | do. |
| 5 lights 11 by 15 inch double thick crown glass..... | 9 | do. |
| 5 lights 12 by 12 inch double thick crown glass..... | 9 | do. |
| 100 lights 12 by 14 inch double thick crown glass..... | 7 | do. |
| 20 lights 12 by 16 inch double thick crown glass..... | 14 | do. |
| 80 lights 12 by 18 inch double thick crown glass..... | 16 | do. |
| 40 lights 14 by 18 inch double thick crown glass..... | 20 | do. |
| 20 lights 14 by 20 inch double thick crown glass..... | 30 | do. |
| 30 lights 16 by 24 inch double thick crown glass..... | 40 | do. |
| 5 lights 24 by 30 inch double thick crown glass..... | 50 | do. |
| 2 clear magazine lens, 12 inches diameter, 1½ inch thick, polished..... | 7 00 | each. |
| 12 lens, for lanterns, per sample..... | 10 | do. |
| 4 binnacle bowls..... | 90 | do. |
| 5 pounds ground glass, assorted..... | 10 | per pound. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|---------|-------------|------------------------|---|---|------------------------------|
| 1860. | 1861. | | <i>Class No. 32, Leather—1860-61.</i> | | |
| Oct. 12 | June 30 | Wm. D. Kennedy—Cont'd. | 10 pounds rigging leather, sides not less than 10 pounds. 600 pounds pump leather, sides not less than 30 pounds. 600 pounds bellows leather, sides not less than 6 pounds..... 9 skins of buff leather..... 150 pounds dressed raw hides, not less than 18 pounds each..... 6 sides hose leather..... | \$0 50 per pound. 32 do. 40 do. 2 00 per skin. 10 per pound. 10 00 per side. | Brooklyn. |
| | | | <i>Class No. 37, Pitch, Tar, and Rosin—1860-61.</i> | | |
| | | | 30 barrels thin tar, each containing not less than 30 gallons..... 75 barrels pitch, each containing not less than 300 pounds..... 30 barrels No. 1 rosin, each containing not less than 300 pounds..... 25 barrels soft clear turpentine, each containing not less than 280 pounds..... 5 barrels coal tar, each containing not less than 30 gallons..... | 2 75 per barrel. 1 95 do. 1 95 do. 3 00 do. 1 00 do. | |
| | | | <i>Class No. 37, Pitch, Tar, and Rosin—1860-61.</i> | | |
| | | | 5 barrels thin tar, containing not less than 30 gallons... 37 barrels Wilmington pitch, each containing not less than 300 pounds..... 10 barrels No. 1 rosin, containing not less than 300 pounds..... 5 barrels soft clear turpentine, each containing not less than 280 pounds..... 2 barrels coal tar, each containing not less than 30 gal's. | 3 00 do. 2 25 do. 1 70 do. 3 00 do. 50 do. | Philadelphia. |

Oct. 20 June 30

J. A. H. Hasbrouck.....

Class No. 32, Leather—1860-61.

| | | | |
|--|------|------------|----------|
| 3,000 pounds rigging leather, sides not less than 10 pounds..... | 32 | per pound. | Gosport. |
| 500 pounds pump leather, sides not less than 30 pounds..... | 40 | do. | |
| 500 pounds bellows leather, sides not less than 30 pounds..... | 50 | do. | |
| 200 pounds dressed raw hides, not less than 18 pounds..... | 30 | do. | |
| 10 buckskins..... | 4 00 | each. | |

Class No. 40, Stationery—1860-61.

| | | | |
|--|------|------------|-----------|
| 3 pounds refined gum arabic..... | 10 | per pound. | Brooklyn. |
| 24 blank-books, cap size, 1 quire, half bound, faint lined..... | 50 | each. | |
| 30 blank-books, cap size, 2 quires, half bound, faint lined..... | 40 | do. | |
| 18 blank-books, cap size, 3 quires, half bound, faint lined..... | 30 | do. | |
| 4 letter books, cap size, 3 quires, half bound, faint lined..... | 20 | do. | |
| 48 memorandum books, 1 quire thick, half bound, with loops..... | 15 | do. | |
| 48 memorandum books, 1 quire thick, bound in leather..... | 8 | do. | |
| 1 requisition book, (engineer's,) printed per pattern..... | 50 | do. | |
| 12 sand boxes, hard wood..... | 6 | do. | |
| 9 yards tracing cloth..... | 6 | per yard. | |
| 18 bottles carmine ink, half pints..... | 6 | each. | |
| 36 bottles black ink, half pints..... | 16 | do. | |
| 36 bottles black ink, pints..... | 18 | do. | |
| 1 bottle blue ink, quart..... | 5 | do. | |
| 18 papers ink powder..... | 1 | do. | |
| 10 pieces India ink..... | 1 | do. | |
| 30 inkstands, assorted..... | 20 | do. | |
| 6 India ink saucers..... | 1 | do. | |
| 6 erasers, with ivory handles..... | 5 | do. | |
| 12 paper folders, ivory..... | 5 | do. | |
| 18 penknives, four blades, "Congress"..... | 1 75 | do. | |
| 6 desk knives, ivory handles..... | 3 | do. | |
| 12 ivory pounce boxes and pounce..... | 2 | do. | |
| 15 gross steel pens, assorted..... | 2 00 | per gross. | |
| 6 dozen penholders to suit pens..... | 1 00 | per dozen. | |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|------------------------|---|---|------------------------------|
| 1860. Oct. 20 | 1861. June 30 | J.A.H.Hasbrouck—Con'd. | 18 dozen pencils, drawing, best black, and equal to "Fabers"..... 3 dozen drawing pencils, equal to "Ligne's"..... 500 slate pencils, best white Rutland..... 9 dozen camels' hair pencils..... 1 dozen sable hair pencils..... 4 reams log paper..... 20 reams foolscap paper, regulation, ruled..... 15 reams foolscap paper, faint lined..... 15 reams letter paper, faint lined..... 2 reams note paper..... 5 reams envelope paper..... 1 ream blotting paper..... 2 reams cartridge paper..... 1 roll drawing paper, 24 yards long, 54 inches wide.... 3 sheets antiquarian paper..... 50 sheets drawing paper, double elephant..... 15 sheets drawing paper, elephant..... 12 sheets tracing paper, double elephant..... 24 drawing pens..... 50 drawing pins..... 1 portfolio..... 3,000 quills, No. 80..... 6 parallel rulers, ebony, 24 inch..... 6 round rulers, ebony..... 6 flat rulers..... 8 pounds rubber, prepared, (in ounce pieces)..... 3 pieces erasive gum..... 30 double log slates, hard wood frames..... 12 single slates, hard wood frames..... 6 porcelain slates, 8 by 10 inches..... 12 wafer seals, ivory..... 6 dozen papers black sand, half pints..... | \$1 00 per dozen. 5 do. 1 per 100. 10 per dozen. 10 do. 5 00 per ream. 3 00 do. 2 50 do. 2 50 do. 1 50 do. 10 do. 1 00 do. 10 do. 50 per roll. 5 per sheet. 18 do. 3 do. 2 do. 1 each. 1 do. 25 do. 2 00 per M. 10 each. 2 do. 2 do. 1 00 per pound. 50 each. 1 00 do. 10 do. 10 do. 3 do. 6 per dozen | Brooklyn. |

Oct. 15 June 30

J. W. Simmes & Co.....

15 Gunter scales.....
 144 pieces red tape.....
 50 pieces silk taste.....
 8 pounds wafers, American.....
 8 pounds sealing wax.....
 3,000 self-sealing envelopes, assorted sizes and colors.

3 each.
 1 per piece.
 1 do.
 1 per pound.
 10 do.
 5 50 per M.

Class No. 27, Paints, Oils, &c.—1860-61.

3,500 pounds pure dry white lead.....
 1,000 pounds pure white lead, in oil, in 25 and 50 pound kegs.
 250 pounds black paint, in oil, in 25 and 50 pound kegs.....
 500 pounds white zinc paint, in oil.....
 425 pounds red lead, dry.....
 250 pounds litharge, dry.....
 87 pounds lampblack, dry.....
 225 pounds French yellow ochre, dry.....
 3 pounds chrome yellow, dry.....
 27 pounds chrome green, dry.....
 2 pounds Chinese vermilion, dry.....
 ½ pound Chinese blue, dry.....
 ½ pound ultra-marine blue, dry.....
 1 pound Prussian blue.....
 5 pounds sugar of lead.....
 5 pounds washing soda.....
 350 gallons linseed oil, raw.....
 200 gallons spirits of turpentine.....
 5 gallons spirits of wine, 95 per cent. proof.....
 5 gallons copal varnish.....
 15 gallons Japan varnish.....
 6 gallons white demar varnish.....
 30 gallons bright varnish.....
 1 barrel soft soap.....

6¼ per pound.
 7 do.
 4½ do.
 6 do.
 7 do.
 7 do.
 4 do.
 1 do.
 10 do.
 10 do.
 1 25 do.
 70 do.
 30 do.
 70 do.
 20 do.
 2½ do.
 62 per gallon.
 48 do.
 75 do.
 1 75 do.
 90 do.
 1 25 do.
 15 do.
 1 00 per barrel.

Philadelphia.

Class No. 31, Glass—1860-61.

45 lights, 8 by 10 inch, double thick crown glass.....
 45 lights, 9 by 12 inch, double thick crown glass.....
 45 lights, 10 by 12 inch, double thick crown glass.....
 45 lights, 10 by 14 inch, double thick crown glass.....

5 per light.
 7 do.
 8 do.
 8½ do.

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-------------------------|---|---|------------------------------|
| 1860. Oct. 15 | 1861. June 30 | J.W. Simmes & Co.—Con'd | 45 lights, 10 by 16 inch, double thick crown glass..... 45 lights, 11 by 15 inch, double thick crown glass..... 45 lights, 12 by 14 inch, double thick crown glass..... 45 lights, 12 by 16 inch, double thick crown glass..... 15 lights, 12 by 18 inch, double thick crown glass..... 15 lights, 14 by 20 inch, double thick crown glass..... 10 lights, 20 by 24 inch, double thick crown glass..... 36 port glasses, 6½ inches diameter, 1 inch thick, polished..... 3 clear magazine lens, 12 inches diameter, 1½ inch thick, polished..... 6 straight deck lights, 10 by 3 inches..... | \$0 9 per light. 9 do. 11 do. 16 do. 18 do. 20 do. 30 do. 80 each. 4 90 do. 90 do. | Philadelphia. |
| | | | <i>Class No. 40, Stationery—1860-61.</i> | | |
| Oct. 13 | June 30 | Wm. T. Murphy & Son.... | 2 account books 1 blank-book, cap size, 2 quires, half bound, faint lined..... 1 expense book..... 1 receipt book..... 16 books, memorandum, watch and station bills, per sample 3 books, blank station bills, per sample..... 120 blank monthly returns, per sample..... 44 quires blank requisitions, daily expenditures, per sample..... 3 memorandum books, 1 quire thick, bound in leather. 3 sand boxes, hard wood..... 2 bottles carmine ink, half pints..... 7 bottles black ink, pints..... 6 bottles black ink, half pints..... 15 papers ink powder..... 7 inkstands, assorted..... | 50 do. 25 do. 2 50 do. 2 50 do. 25 do. 25 do. 2 do. 50 per quire. 18 each. 10 do. 50 do. 17 do. 12 do. 1 do. 50 do. | |

| | | |
|---|-------|------------|
| 4 penknives, four blades, "Congress" | 1 00 | do. |
| 1 ivory pounce box and pounce | 25 | do. |
| $\frac{1}{2}$ gross steel pens, assorted | 76 | per gross. |
| $\frac{1}{2}$ dozen penholders, to suit pens | 26 | per dozen. |
| 4 dozen pencils, drawing, best black, and equal to "Faber's" | 50 | do. |
| 15 dozen slate pencils, best, white, Rutland | 6 | do. |
| 12 dozen camels' hair pencils | 25 | do. |
| 18 dozen sable hair pencils | 50 | do. |
| 1 ream log paper | 20 00 | per ream. |
| 7 reams foolscap paper, faint lined | 2 50 | do. |
| 5 reams letter paper, faint lined | 2 50 | do. |
| $\frac{1}{4}$ ream blotting paper | 2 52 | do. |
| 6 sheets drawing paper, "double elephant" | 20 | per sheet. |
| 700 quills, No. 80 | 6 00 | per M. |
| 1 parallel ruler, ebony, 24 inch | 1 50 | each. |
| 1 round ruler, ebony | 30 | do. |
| 1 flat ruler, ebony | 30 | do. |
| $\frac{1}{2}$ pound rubber, prepared in ounce piece | 1 00 | per pound. |
| 1 dozen papers sand | 25 | per dozen. |
| 4 double log slates, hard wood frames | 2 00 | each. |
| 2 single slates, hard wood frames | 62 | do. |
| 1 porcelain slate, 8 by 10 inches | 1 00 | do. |
| 1 Gunter's scale | 50 | do. |
| 7 pieces red tape | 3 | do. |
| 1 pound wafers, American | 24 | per pound. |

Class No. 21, Iron—1860-61.

Oct. 11 June 30 Horton, Hall & Co.....

| | | |
|---|------------------|-----|
| 30,000 pounds round iron, from $\frac{3}{16}$ to $2\frac{1}{2}$ inch | 31 $\frac{1}{2}$ | do. |
| 4,000 pounds round iron, from $2\frac{3}{8}$ to 3 inch | 21 $\frac{1}{2}$ | do. |
| 2,000 pounds round iron, from $3\frac{1}{4}$ to 6 inch | 21 $\frac{1}{2}$ | do. |
| 5,000 pounds square iron, from $\frac{1}{2}$ to 2 inch | 21 $\frac{1}{2}$ | do. |
| 2,000 pounds square iron, from $2\frac{1}{4}$ to $5\frac{1}{2}$ inch | 21 $\frac{1}{2}$ | do. |
| 1,000 pounds hammered square iron, from 1 to 5 inch | 21 $\frac{1}{2}$ | do. |
| 4,000 pounds flat iron, from $\frac{1}{4}$ to 1 inch thick, from $1\frac{1}{4}$ to 9 inches wide | 31 $\frac{1}{2}$ | do. |
| 4,000 pounds flat iron, from $1\frac{1}{4}$ to 2 inches thick, from 4 to 10 inches wide | 3 | do. |
| 500 pounds hoop iron, from $\frac{1}{8}$ to $\frac{1}{4}$ inch thick, from $\frac{1}{4}$ to $2\frac{1}{4}$ inches wide | 6 | do. |
| 1,000 pounds angle iron | 2 | do. |

Charlestown.

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|---|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Horton, Hall & Co.—Con'd | <p>1,000 pounds T iron.....</p> <p>500 pounds thimble iron, $\frac{3}{16}$ to $\frac{5}{16}$ inch thick, from $\frac{1}{2}$ to 2$\frac{1}{2}$ inches wide.....</p> <p>4,000 pounds boiler iron, (plate,) from $\frac{3}{16}$ to $\frac{3}{8}$ inch thick.....</p> <p>1,000 pounds boiler plate iron, from $\frac{7}{16}$ to $\frac{3}{8}$ inch thick.....</p> <p>500 pounds puddle plate iron, from 6 to 10 wire gauge.....</p> <p>500 pounds boiler rivets, $\frac{1}{2}$ inch and over.....</p> <p>100 pounds sheet iron, Nos. 12 to 20.....</p> <p>100 pounds Russian sheet iron, Nos. 10 to 20.....</p> <p>200 pounds extra cast steel, from $\frac{7}{8}$ to 2$\frac{1}{2}$ inches square.....</p> <p>200 pounds best cast steel, from $\frac{7}{8}$ to 2$\frac{1}{2}$ inches square..</p> <p>100 pounds German steel.....</p> <p>100 pounds blister steel.....</p> <p style="text-align: center;"><i>Class No. 22, Spikes and Nails—1860-61.</i></p> <p>1,000 pounds hand-made wrought-iron spikes, from 4 to 6 inches long.....</p> <p>2,000 pounds hand-made wrought-iron spikes, from 6$\frac{1}{2}$ to 8 inches long.....</p> <p>100 pounds wrought-iron nails, 6d to 30d.....</p> <p>25 pounds wrought-iron clout nails, $\frac{1}{2}$ to 1$\frac{1}{4}$ inch.....</p> <p>500 pounds iron cut nails, from 4d to 40d.....</p> <p>100 pounds iron cut finishing nails, from 1 to 2 inch....</p> <p>100 pounds iron cut brad-headed nails, from 4d to 10d.....</p> <p>50,000 iron cut brads, $\frac{3}{4}$ to 1$\frac{1}{2}$ inch.....</p> <p>100 pounds iron cut sheathing nails.....</p> <p style="text-align: center;"><i>Class No. 23, Lead, Zinc, and Tin—1860-61.</i></p> <p>1,000 pounds drawn lead pipe, from $\frac{1}{2}$ to 2$\frac{1}{2}$ inches diameter.....</p> | <p>\$0 02 per pound.</p> <p>2 do.</p> <p>2 do.</p> <p>2 do.</p> <p>2 do.</p> <p>2 do.</p> <p>6 do.</p> <p>16 do.</p> <p>18 do.</p> <p>13 do.</p> <p>3 do.</p> <p>3 do.</p> <p>2 do.</p> <p>5 do.</p> <p>2 do.</p> <p>12 do.</p> <p>3 do.</p> <p>2 do.</p> <p>2 do.</p> <p>15 per M.</p> <p>2 per pound.</p> <p>10 do.</p> | Charlestown. |

| | | |
|--|------|----------|
| 100 pounds sheet zinc..... | 10 | do. |
| 1,000 pounds slab zinc | 2 | do. |
| 1,000 pounds banca tin..... | 30 | do. |
| 75 pounds brazier's or spelter solder..... | 10 | do. |
| 50 pounds tinner's or soft solder..... | 10 | do. |
| 1 box tin plate, IX | 5 00 | per box. |
| 4 boxes tin plate, IC, 10 by 14..... | 5 00 | do. |
| 1 box tin plate, IC, 14 by 20..... | 5 00 | do. |
| 1 box tin plate, SDX | 5 00 | do. |

Class No. 25, Hardware—1860-61.

| | | |
|---|------|------------|
| 1 adze, carpenter's, handled | 50 | each. |
| 1 adze, hollow, handled..... | 50 | do. |
| 1 adze, cooper's, handled..... | 50 | do. |
| 1 ax, broad, handled..... | 50 | do. |
| 1 ax, cooper's, handled..... | 50 | do. |
| 1 ax, wood, handled..... | 1 25 | do. |
| 1 ax, pick, with hoe combined, handled | 50 | do. |
| 1 dozen awls, brad, handled..... | 25 | per dozen. |
| 1 dozen awls, wire, handled..... | 25 | do. |
| 1 dozen awls, shoemaker's, handled..... | 25 | do. |
| 1 anvil, estimated 140 pounds..... | 3 | per pound. |
| 25 pounds burrs, copper, assorted..... | 3 | do. |
| 1 brace and bits, wood, complete, (48 bits)..... | 6 00 | per set. |
| 1 bevel, steel tongued..... | 10 | each. |
| 1 dozen buttons, plate brass..... | 75 | per dozen. |
| 1 dozen bolts, flush, brass, 6 by 1 $\frac{1}{4}$ inch..... | 10 | do. |
| 1 dozen bolts, neck, brass, 6-inch | 10 | do. |
| 1 balance spring, to weigh 25 pounds..... | 25 | each. |
| 1 balance spring, to weigh 50 pounds..... | 25 | do. |
| 100 pounds brass, sheet, assorted..... | 10 | per pound. |
| 1 crow, cooper's..... | 50 | each. |
| $\frac{1}{2}$ dozen compasses, carpenter's..... | 1 00 | per dozen. |
| $\frac{1}{2}$ dozen compasses, armorer's | 1 00 | do. |
| 1 dozen chisels, firmer, assorted, handled | 2 00 | do. |
| 1 dozen chisels, socket, assorted, handled..... | 1 00 | do. |
| 4 sets couplings and boxes, complete, for hand pumps..... | 25 | per set. |
| 2 cranks and segments for bells, brass..... | 10 | each. |
| 1 set brass fixed wheel castors..... | 10 | per set. |
| 1 set dies, letters and figures, $\frac{3}{8}$ -inch..... | 5 00 | do. |
| 1 diamond, glazier's | 4 00 | each. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of Contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Horton, Hall & Co.—Con'd | 1 set drills, with box and bow..... 1 dozen escutcheons, plate, brass, assorted..... 1 dozen escutcheons, thread, brass, assorted..... 2 pounds escutcheon pins, brass, assorted..... 1 dozen files, hand-saw, 5 to 6 inch..... 1 dozen files, flat bastard, 8 to 14 inch..... 1 dozen files, smooth, 8 to 14 inch..... 1 dozen files, 2d cut, 10 to 12 inch..... 1 dozen files, safe-edge, 8 to 12 inch..... 1 dozen files, parallel, smooth, 10 to 14 inch..... 1 dozen files, parallel, 2d cut, 10 to 14 inch..... 1 dozen files, hand, smooth, 10 to 14 inch..... 1 dozen files, hand, 2d cut, 10 to 14 inch..... 1 dozen files, half round bastard, 10 to 14 inch..... 1 dozen files, half round smooth, 10 to 14 inch..... 1 dozen files, round bastard, 8 to 12 inch..... 1 dozen files, 3 square bastard, 6 to 10 inch..... 1 dozen files, 4 square bastard, 8 to 14 inch..... 1 dozen files, cabinetmaker's, wood, 8 to 12 inch..... 1 dozen files, cross-cut saw..... 1 filterer, with cock and couplings complete..... 1 4-inch gong, with stop-crank and fixtures complete... 1 6-inch gong, with stop-crank and fixtures complete.. 1 dozen nail gimlets, assorted..... 1 dozen spike gimlets, assorted..... ½ dozen carpenter's gauges..... ½ dozen firmer gouges, handled, assorted..... 1 dozen socket gouges, handled, assorted..... 2 gridirons..... 2 griddles..... 2 hammers, tinner's, handled..... 2 hammers, saddler's, handled..... 2 hammers, cooper's, handled..... | \$0 50 per set. 10 per dozen. 10 do. 10 per pound. 1 75 per dozen. 1 88 do. 2 00 do. 2 50 do. 2 00 do. 2 00 do. 2 50 do. 2 50 do. 1 75 do. 1 50 do. 1 75 do. 1 50 do. 1 75 do. 1 75 do. 3 00 do. 1 75 each. 3 00 do. 3 00 do. 1 00 per dozen. 1 00 do. 50 do. 4 00 do. 2 00 do. 1 00 each. 1 00 do. 12 do. 25 do. 25 do | Charlestown. |

| | | |
|--|------|------------|
| 2 hammers, rivet, handled | 25 | do. |
| 2 hammers, hand, handled..... | 1 00 | do. |
| 2 hammers, claw, handled | 1 00 | do. |
| 4 hatchets, cast-steel, handled..... | 1 00 | do. |
| 5 pairs brass but hinges, 4½-inch, shifting pins..... | 75 | per pair. |
| 12 pairs brass but hinges, 3½-inch, shifting pins | 75 | do. |
| 2 pairs brass but hinges, 4½ by 4½ inch, shifting pins... | 75 | do. |
| 12 pairs brass but hinges, 3-inch, stationary pins | 75 | do. |
| 12 pairs brass but hinges, 2½-inch, stationary pins..... | 50 | do. |
| 12 pairs brass but hinges, 2-inch, stationary pins | 50 | do. |
| 2 pairs secretary hinges and fastenings complete, brass, 5 by 5 inch..... | 10 | do. |
| 2 pairs table hinges, brass, 2½ inch..... | 10 | do. |
| 2 pairs iron but hinges, 2 by 1½ to 4 by 4 inches..... | 10 | do. |
| 1 dozen cabin door hooks, brass, 6 inches..... | 4 00 | per dozen. |
| 1 dozen iron side hooks and eyes, 2½-inch | 25 | do. |
| 3 drawing knives..... | 25 | each. |
| 1 dozen black walnut knobs..... | 50 | per dozen. |
| 1 dozen brass knobs and spindles | 50 | do. |
| 1 pitch kettle, 20 inches diameter at top..... | 2 00 | each. |
| 1 glue kettle | 1 00 | do. |
| 1 iron tea kettle..... | 2 00 | do. |
| 1 fish kettle | 3 50 | do. |
| 1 camp kettle..... | 25 | do. |
| 1 dozen blank drawer lock keys..... | 1 50 | per dozen. |
| 1 dozen blank padlock keys..... | 1 50 | do. |
| 1 dozen iron padlocks..... | 5 00 | do. |
| 1 dozen brass padlocks..... | 8 00 | do. |
| 1 dozen brass dead locks, 5-inch..... | 1 00 | do. |
| 1 dozen brass drawer locks, 2½-inch | 5 00 | do. |
| 1 dozen brass cupboard locks, 3½-inch, right and left... | 1 00 | do. |
| 1 dozen brass book-case locks, 2 by 3 inches..... | 3 00 | do. |
| 1 dozen iron chest locks, 3½-inch..... | 1 00 | do. |
| 1 dozen iron closet locks, 2½ and 4 inch, right and left... | 4 00 | do. |
| 1 dozen pantry hooks, brass..... | 25 | do. |
| All the locks to be spring and tumbler, with brass works, keys of brass to differ, except the drawer locks, which may have three kinds of keys to the dozen. | | |
| 1 iron ladle | 1 00 | each. |
| 1 turning lathe and tools, complete, for wood and iron. | 5 00 | do. |
| 2 molding planes..... | 25 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|--|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Horton, Hall & Co.—Con'd | 2 grooving planes, width of iron $\frac{1}{4}$ to 1 inch..... 2 smoothing planes, width of iron $1\frac{1}{4}$ to 2 inches..... 2 beading planes, width of iron $\frac{1}{4}$ to $\frac{3}{4}$ inch..... 3 pincers, assorted..... 4 plyers, cutting, and assorted..... 4 frying pans, assorted sizes..... 4 stew pans..... 2 iron pots..... 2 rulers, 2 feet, double and single jointed..... 6 wood rasps, assorted..... 10 pounds coppersmiths' copper rivets..... 10 pounds copper hose rivets..... 10 pounds copper-boat rivets..... 10 pounds copper boiler rivets..... 25 pounds iron sheave rivets, $\frac{3}{4}$ to $3\frac{1}{4}$ inch..... 25 pounds coopers' iron rivets..... 1 wood saw..... 1 hand saw..... 1 hack saw, with frame..... 2 hack saw blades..... 1 dovetail saw..... 2 compass saws, 10 and 15 inch..... 2 keyhole saws and pads, 6 and 12 inch..... 2 tenon saws..... 1 saw set..... 1 scale beam, to weigh 1,000 pounds..... 4 bench and clamp screws..... 4 iron bed screws..... 2 jack screws, $2\frac{1}{2}$ feet, equal to Ballard's..... 30 gross brass screws, gimlet points, Nos. 4 to 26..... 20 gross iron screws, gimlet points, Nos. 3 to 24..... 1 spokeshave..... 1 iron square, 2 feet..... | \$0 25 each. 50 do. 25 do. 50 do. 10 do. 1 00 do. 1 00 do. 25 do. 10 do. 50 do. 5 per pound. 5 do. 50 do. 5 do. 2 do. 2 do. 1 00 each. 2 00 do. 2 00 do. 1 00 do. 1 00 do. 50 do. 10 do. 10 do. 15 do. 1 00 do. 12 do. 2 do. 5 00 do. 2 00 per gross. 15 do. 10 do. 10 do. | Charlestown. |

| | | |
|---|-------|------------|
| 1 steel square, 2 feet..... | 17 | do. |
| 6 steel coal shovels..... | 25 | do. |
| 6 steel shovels..... | 1 00 | do. |
| 2 steel scoop shovels..... | 1 00 | do. |
| 12 ship scrapers, steel blades, handled..... | 50 | do. |
| 1 tinners' bench shears..... | 1 00 | do. |
| 1 tinners' hand shears..... | 1 00 | do. |
| 1 edging stake..... | 75 | do. |
| 1 planishing stake..... | 1 25 | do. |
| 1 screw plate and tap, large size..... | 10 00 | do. |
| 1 screw plate and tap, small size..... | 5 00 | do. |
| 2 pairs scissors..... | 50 | do. |
| 20,000 copper cut tacks..... | 50 | per M. |
| 10,000 iron gimp tacks..... | 2 | do. |
| 10,000 iron cut tacks..... | 10 | do. |
| 6 table fasteners, 2½ by 2½ inches..... | 10 | each. |
| 50 pounds bench vises, 3½ to 5½ inch jaws..... | 15 | per pound. |
| 1 hand vise..... | 10 | each. |
| 50 pounds brass wire assorted..... | 5 | per pound. |
| 2,000 pounds copper wire, assorted..... | 43 | do. |
| 50 pounds iron wire, assorted..... | 2 | do. |
| 2 water-closet fixtures, water valves, stop cocks, China basins, complete..... | 3 00 | each. |
| 1 water-closet basin, China..... | 3 00 | do. |
| 4 screw wrenches..... | 2 50 | do. |
| 50 pounds wood screw bolts, assorted, 3 to 4 inch..... | 12 | per pound. |
| 50 pounds pressed iron nuts..... | 12 | do. |

Class No. 27, Paints, Oils, &c.—1860-61.

| | | |
|---|---|-----|
| 12,000 pounds pure dry white lead..... | 6 | do. |
| 2,000 pounds pure white lead, in oil, in 25 and 50 pound kegs..... | 9 | do. |
| 500 pounds black paint, in oil, in 25 and 50 pound kegs..... | 3 | do. |
| 50 pounds brown zinc paint, in oil, in 25-pound kegs..... | 3 | do. |
| 1,500 pounds white zinc paint, in oil..... | 9 | do. |
| 100 pounds white zinc paint, dry..... | 7 | do. |
| 3,000 pounds read lead, dry..... | 6 | do. |
| 300 pounds litharge, dry..... | 2 | do. |
| 2,500 pounds whiting, dry..... | 1 | do. |
| 1,000 pounds lampblack, dry..... | 9 | do. |
| 300 pounds French yellow ochre, dry..... | 3 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|---|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Horton, Hall & Co.—Con'd | <p>20 pounds Turkey umber, dry.....</p> <p>5 pounds sierra de sienna.....</p> <p>10 pounds chrome yellow, dry.....</p> <p>10 pounds chrome green, dry.....</p> <p>5 pounds Indian red, dry.....</p> <p>50 pounds verdegris, ground in oil.....</p> <p>25 pounds Venetian red, dry, English.....</p> <p>5 pounds Chinese vermilion, dry.....</p> <p>5 pounds Chinese blue, dry.....</p> <p>5 pounds ultra-marine blue, dry.....</p> <p>10 pounds gum shellac.....</p> <p>25 pounds brown manganese.....</p> <p>5 pounds ivory black.....</p> <p>5 pounds Vandyke brown.....</p> <p>1,000 gallons linseed oil, raw.....</p> <p>300 gallons spirits of turpentine.....</p> <p>10 gallons copal varnish.....</p> <p>20 gallons spirits of wine, 95 per cent. proof.....</p> <p>10 gallons coach varnish.....</p> <p><i>Class No. 27, Paints, Oils, &c.—1860-61.</i></p> <p>10 gallons Japan varnish.....</p> <p>5 gallons harness varnish.....</p> <p>25 gallons white demar varnish.....</p> <p>5 gallons bright varnish.....</p> <p><i>Class No. 30, Flax and Cotton Twine—1860-61.</i></p> <p>20 pounds flax whipping twine.....</p> <p>5 pounds flax seine twine.....</p> <p>50 pounds cotton twine, 5 to 8 thread.....</p> | <p>\$0 2 per pound.</p> <p>2 do.</p> <p>20 do.</p> <p>20 do.</p> <p>3 do.</p> <p>5 do.</p> <p>1 do.</p> <p>10 do.</p> <p>10 do.</p> <p>10 do.</p> <p>25 do.</p> <p>5 do.</p> <p>5 do.</p> <p>6 do.</p> <p>72 per gallon.</p> <p>45 do.</p> <p>50 do.</p> <p>1 00 do.</p> <p>10 do.</p> <p>10 do.</p> <p>10 do.</p> <p>1 00 do.</p> <p>5 do.</p> <p>10 do.</p> <p>10 do.</p> <p>1 00 do.</p> <p>5 do.</p> <p>10 per pound.</p> <p>10 do.</p> <p>35 do.</p> | <p>Charlestown.</p> |

Class No. 32, Leather—1860-61.

| | | |
|---|------|------------|
| 1,500 pounds rigging leather, sides not less than 10 pounds..... | 30 | do. |
| 200 pounds pump leather, sides not less than 30 pounds..... | 50 | do. |
| 300 pounds bellows leather, sides not less than 6 pounds..... | 70 | do. |
| 50 pounds oil tanned leather, sides not less than 30 pounds..... | 50 | do. |
| 6 skins buff leather..... | 2 00 | per skin. |
| 500 pounds dressed raw hides, sides not less than 18 pounds each..... | 15 | per pound. |

Class No. 33, Hose—1860-61.

| | | |
|--|------|-----------|
| 250 feet leading hose, in 25 feet lengths..... | 80 | per foot. |
| 36 feet suction hose, in 6 feet lengths..... | 1 70 | do. |

Class No. 34, Brushes—1860-61.

| | | |
|-----------------------------------|------|------------|
| 48 clamp brushes..... | 20 | each. |
| 24 hand scrubbing brushes..... | 20 | do. |
| 6 tar brushes, short handles..... | 10 | do. |
| 60 whitewash brushes..... | 80 | do. |
| 3 hand dusting brushes..... | 50 | do. |
| 3 painters' dusting brushes..... | 10 | do. |
| 3 varnish brushes..... | 1 00 | do. |
| 4 paint brushes, 00..... | 75 | do. |
| 8 paint brushes, 000..... | 87 | do. |
| 8 paint brushes, 0000..... | 1 00 | do. |
| 8 paint brushes, 00000..... | 1 12 | do. |
| 8 paint brushes, 000000..... | 1 50 | do. |
| 3 sash tool brushes..... | 25 | do. |
| 3 glue brushes..... | 10 | do. |
| 4 flue brushes, per sample..... | 3 00 | do. |
| 3 pounds bristles..... | 1 00 | per pound. |

Class No. 35, Bunting and Dry Goods—1860-61.

| | | |
|-----------------------------------|------|------------|
| 4 pieces 18-inch red bunting..... | 8 00 | per piece. |
| 2 pieces 12-inch red bunting..... | 3 00 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|--|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Horton, Hall & Co.—Con'd | 2 pieces 9-inch red bunting..... 4 pieces 4½-inch red bunting..... 12 pieces 18-inch blue bunting..... 2 pieces 12-inch blue bunting..... 2 pieces 9-inch blue bunting..... 6 pieces 4½-inch blue bunting..... 4 pieces 18-inch white bunting..... 2 pieces 12-inch white bunting..... 2 pieces 9-inch white bunting..... 4 pieces 4½-inch white bunting..... 1 piece 18-inch green bunting..... 1 piece 18-inch yellow bunting..... 30 yards white muslin, ¾ yard wide..... 30 yards Barnsley sheeting..... 25 yards green baize..... 20 yards fcarnaught..... 20 yards satinet..... 5 yards broadcloth..... 5 yards hair cloth, 30 inches wide..... 4 yards hair cloth, 24 inches wide..... 50 yards linen tape..... 1 pound white linen thread..... 1 pound black linen thread..... 50 pounds white curled hair..... 10 papers sewing needles..... 1 gross black tufts..... <i>Class No. 37, Pitch, Tar, Resin—1860-61.</i> 1,000 barrels thin tar, each containing not less than 30 gallons..... 50 barrels pitch, each containing not less than 300 pounds..... | \$2 00 per piece. 1 50 do. 8 00 do. 3 00 do. 2 00 do. 1 50 do. 8 00 do. 3 00 do. 2 00 do. 1 50 do. 8 00 do. 8 00 do. 15 per yard. 2 do. 3 do. 3 do. 5 do. 1 00 do. 10 do. 10 do. 1 do. 1 75 per pound. 1 75 do. 75 do. 6 per paper. 1 00 per gross. 2 75 per barrel. 2 50 do. | Charlestown. |

| | | |
|---|------|-------------|
| 30 barrels No. 1 resin, each containing not less than 300 pounds..... | 1 00 | do. |
| 10 barrels soft clear turpentine, each containing not less than 280 pounds..... | 1 00 | do. |
| 2 barrels coal tar, each containing not less than 30 gallons | 1 00 | do. |
| 20 gallons tar oil | 75 | per gallon. |

Class No. 38, Tallow, Soap, and Oil—1860-61.

| | | |
|---|------|------------|
| 1,000 gallons winter strained sperm oil..... | 1 50 | do. |
| 100 gallons best quality lard oil, for lubricating..... | 75 | do. |
| 10 gallons neatsfoot oil..... | 10 | do. |
| 2 gallons sweet oil..... | 10 | do. |
| 600 gallons fish oil..... | 60 | do. |
| 100 pounds best hard brown soap..... | 8 | per pound. |
| 50 pounds best saltwater soap..... | 2 | do. |
| 25 pounds old Castile soap..... | 2 | do. |
| 1,000 pounds pure beef tallow..... | 10 | do. |

Class No. 39, Ship Chandlery—1860-61.

| | | |
|---|------|-------------|
| 1 carboy muriatic acid—say 100 pounds..... | 2 | per pound. |
| 1 carboy sulphuric acid—say 100 pounds..... | 2 | do. |
| 5 pounds antimony..... | 3 | do. |
| 100 pounds beeswax..... | 40 | do. |
| 100 hickory brooms..... | 5 | each. |
| 200 corn brooms..... | 30 | do. |
| 5 pounds refined borax..... | 5 | per pound. |
| 200 pounds white chalk..... | 2 | do. |
| 5 pounds red chalk..... | 2 | do. |
| 6 silver calls..... | 4 00 | each. |
| 75 bushels hard-wood charcoal | 20 | per bushel. |
| 24 lamp chimneys..... | 10 | each. |
| 5 pounds copperas..... | 2 | per pound. |
| 100 pounds spun cotton..... | 2 | do. |
| 50 pounds cotton packing..... | 12 | do. |
| 1 ream crocus mortis cloth..... | 1 00 | per ream. |
| 6 skeins large catgut..... | 10 | per skein. |
| 10 pounds cane seating..... | 5 | per pound. |
| 4 water-closet cocks | 10 | each. |
| 1 bass drum..... | 5 00 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|---|---|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Horton, Hall & Co.—Con'd | 1 tenor drum..... 2 bass drum heads..... 4 tenor drum heads..... 4 drum snares..... 75 pounds emery, assorted..... 1 ream emery, cloth..... 50 square yards boiler felting, as per sample 4 bundles cooper's flags..... 1 glass, 60"..... 1 glass, 30"..... 1 grindstone, 120 pounds mounted 50 pounds best white glue..... 25 fish hooks, cod and assorted 200 inches mast hoops, hickory..... 4 hydrometers..... 1 dozen brass tea-kettle knobs..... 1 lead, "Ogden's"..... 1 "Massey's" log..... 5 chalk lines, 80 to 100 feet each..... 30 fishing lines, 240 feet each 2 measuring lines, metallic, 100 feet each..... 2 gross lamp wicks, woven..... 1 gross lamp wicks, woven, circular..... 10 pounds lamp wick yarn..... 6 brass hand lamps..... 5 barrels of lime, of 200 pounds each..... 2 jars of chloride of lime, in 20-pound jars..... 5 pounds pulverized black lead..... 6 lamp screws, with double tubes..... 2 lamp-filling screws..... 2 pounds sheet mica 75 pounds mercury, in flasks..... 100 sail needles..... | \$5 00 each. 50 do. 50 do. 10 do. 10 per pound. 15 00 per ream. 75 per sq. yard. 10 per bundle. 50 each. 50 do. 3 00 do. 5 per pound. 6 per 100. 1 per inch. 1 00 each. 5 per dozen. 10 00 each. 10 00 do. 12 do. 50 do. 3 00 do. 10 per gross. 2 00 do. 20 per pound. 10 each. 1 00 per barrel. 2 00 each. 3 per pound. 1 each. 1 do. 2 00 per pound. 50 do. 4 00 per 100. | Charlestown. |

| | | |
|---|-----------------------------------|----------------|
| 100 seaming needles | 1 00 | do. |
| 100 roping needles..... | 1 00 | do. |
| 5 oil stones—say 10 pounds | 2 | per pound. |
| 1 paint stone and muller | 1 00 | each. |
| 10 life preservers..... | 1 00 | do. |
| 50 pounds potash..... | 2 | per pound. |
| 20 mounted palms, sewing | 50 | each. |
| 20 mounted palms, roping..... | 50 | do. |
| 2 sets pokers, shovels, and tongs..... | 10 | per set. |
| 1 ream heavy wrapping paper | 50 | per ream. |
| 1 ream sand paper, assorted..... | 5 00 | do. |
| 1 ream glass paper..... | 1 00 | do. |
| 100 pounds rubber sheet packing..... | 75 | per pound. |
| 50 pounds rubber gaskets, per patterns..... | 10 | do. |
| 10 pounds sal ammonia..... | 5 | do. |
| 50 pounds soda ash..... | 5 | do. |
| 5 pounds rotten stone, in lumps | 5 | do. |
| 6 pounds flour of sulphur | 4 | do. |
| 20 pounds soap stone, pulverized | 2 | do. |
| 1 seine, of tanned flax, 80 fathoms, with bag and sinkers, complete..... | 150 00 | each. |
| 50 pounds thrums | 2 | per pound. |
| 2 thermometers..... | 1 00 | each. |
| 4 thermometers, for salinometers | 1 00 | do. |
| 50 pounds tumeric..... | 2 | per pound. |
| 1 set turning tools for wood | 1 00 | per set. |
| 25 pounds yarn packing..... | 2 | per pound. |
| <i>Class No. 42, Ox Hides for Rope—1860-61.</i> | | |
| 100,000 pounds ox hides for rope, of largest size, fleshed and hair removed | 7 ⁵ / ₈ | per pound. |
| <i>Class No. 29, Cotton Canvas—1860-61.</i> | | |
| Isaac C. Noe..... | 5 bolts No. 2 cotton canvas..... | 7 25 per bolt. |
| | 20 bolts No. 3 cotton canvas..... | 8 80 do. |
| | 60 bolts No. 4 cotton canvas..... | 11 20 do. |
| | 80 bolts No. 5 cotton canvas..... | 8 90 do. |
| | 60 bolts No. 6 cotton canvas..... | 8 52 do. |
| | 10 bolts No. 7 cotton canvas..... | 7 20 do. |
| | 10 bolts No. 8 cotton canvas..... | 8 20 do. |

Oct. 16 June 30

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|--------------------------|--|--|------------------------------|
| 1860. Oct. 16 | 1861. June 30 | Isaac C. Noc—Continued.. | 10 bolts No. 9 cotton canvas..... 10 bolts No. 10 cotton canvas..... 5 bolts cot stuff, 30 inches wide..... 10 bolts bag stuff, 42 inches wide..... 10 bolts hammock stuff, 42 inches wide..... | 8 20 per bolt. 6 90 do. 11 95 do. 18 20 do. 24 00 do. | Charlestown. |
| | | | <i>Class No. 30, Tallow, Soap, &c.—1860-61.</i> | | |
| Oct. 18 | June 30 | King & Burchell..... | 300 pounds tallow, best quality..... 50 pounds brown soap..... 200 gallons best winter strained sperm oil..... 40 gallons best neatsfoot oil..... | 11½ per pound. 6 do. 1 49¼ per gallon. 90 do. | Washington. |
| | | | <i>Class No. 48, Poles—1860-61.</i> | | |
| Oct. 15 | June 30 | P. Otterback..... | 100 green hickory or ash poles, about 20 feet long, 4 inches at the but..... | 40 each. | |
| | | | <i>Class No. 25, Hardware—1860-61.</i> | | |
| Oct. 13 | June 30 | W. T. Capps..... | 12 adzes, carpenters', handled..... 12 adzes, hollow, handled..... 12 adzes, coopers', handled..... 12 axes, broad, handled..... 12 axes, coopers', handled..... 24 axes, wood, handled..... 2 anvils, estimated 140 pounds each—say 280 pounds. 10 braces and bits, wood, complete—48 bits..... 3 balances, spring, to weigh 25 pounds..... 3 balances, spring, to weigh 50 pounds..... 4 coopers' crows..... 1 dozen compasses, carpenters'..... 1 dozen compasses, armorers'..... | 2 25 do. 2 25 do. 2 50 do. 3 25 do. 1 15 do. 1 20 do. 9 per pound. 4 00 per set. 25 each. 75 do. 1 25 do. 1 88 per dozen. 3 75 do. | Gosport. |

| | | |
|--|------|------------|
| 4 dozen chisels, firmer, assorted, handled..... | 2 25 | do. |
| 4 dozen chisels, socket, assorted, handled..... | 3 50 | do. |
| 12 cranks and segments for bells, brass..... | 6 | each. |
| 5 sets dies, letters and figures, $\frac{3}{8}$ inch..... | 5 00 | per set. |
| 6 diamonds, glaziers'..... | 3 50 | each. |
| 6 dozen files, hand-saw, 5 to 6 inch..... | 1 00 | per dozen. |
| 6 dozen files, flat bastard, 8 to 14 inch..... | 3 50 | do. |
| 3 dozen files, flat smooth, 8 to 14 inch..... | 4 50 | do. |
| 6 dozen files, flat, second cut, 10 to 12 inch..... | 3 25 | do. |
| 3 dozen files, safe-edge, 8 to 12 inch..... | 3 25 | do. |
| 4 dozen files, parallel, smooth, 10 to 14 inch..... | 4 50 | do. |
| 4 dozen files, parallel, second cut, 10 to 14 inch..... | 5 50 | do. |
| 2 dozen files, hand, smooth, 10 to 14 inch..... | 5 75 | do. |
| 2 dozen files, hand, second cut, 10 to 14 inch..... | 4 50 | do. |
| 2 dozen files, half-round bastard, 10 to 14 inch..... | 3 75 | do. |
| 2 dozen files, half-round smooth, 10 to 14 inch..... | 4 50 | do. |
| 2 dozen files, round bastard, 8 to 12 inch..... | 2 75 | do. |
| 2 dozen files, three-square bastard, 6 to 10 inch..... | 1 75 | do. |
| 2 dozen files, four-square bastard, 8 to 14 inch..... | 3 25 | do. |
| 2 dozen files, cabinet makers', wood, 8 to 12 inch..... | 3 25 | do. |
| 2 dozen files, cross-cut saw..... | 1 75 | do. |
| 3 dozen nail gimlets, assorted..... | 50 | do. |
| 3 dozen spike gimlets, assorted..... | 75 | do. |
| 2 dozen firmer gouges, handled, assorted..... | 2 50 | do. |
| 2 dozen socket gouges, handled, assorted..... | 3 00 | do. |
| 12 gridirons..... | 60 | each. |
| 24 hammers, tinnern', handled..... | 50 | do. |
| 24 hammers, saddlers', handled..... | 37 | do. |
| 24 hammers, coopers' handled..... | 50 | do. |
| 24 hammers, rivet, handled..... | 50 | do. |
| 24 hammers, hand, handled..... | 40 | do. |
| 24 hammers, claw, handled..... | 25 | do. |
| 70 pairs brass but hinges, $4\frac{1}{2}$ by $4\frac{1}{2}$ inch, shifting pins..... | 1 50 | per pair. |
| 370 pairs brass but hinges, 3-inch, stationary pins..... | 30 | do. |
| 350 pairs brass but hinges, 2-inch, stationary pins..... | 12 | do. |
| 10 dozen coat and hat hooks, brass..... | 2 00 | per dozen. |
| 10 dozen pantry hooks, brass..... | 25 | do. |
| 30 dozen cup hooks, brass..... | 20 | do. |
| 6 dozen japanned coat hooks..... | 8 | do. |
| 12 dozen iron side hooks and eyes, $2\frac{1}{2}$ inch..... | 16 | do. |
| 12 drawing knives..... | 65 | each. |
| 18 dozen brass knobs and spindles..... | 50 | per dozen. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-------------------------|--|---|------------------------------|
| 1860. Oct. 13 | 1861. June 30 | W. T. Capps—Continued.. | 18 iron tea kettles..... 12 fish kettles..... 6 camp kettles..... 10 dozen cupboard catches..... 12 dozen brass barrel bolts..... 15 dozen mineral knobs, per sample..... 48 dozen white porcelain knobs, 2-inch..... 36 dozen white porcelain knobs, 1½-inch..... 24 dozen white porcelain knobs, 1¼-inch..... 48 dozen brass knobs, screw, ½-inch..... 15 dozen brass mortice locks, complete, 5½ by 3½ inch..... 12 dozen brass door locks, 2½-inch..... 14 dozen brass cupboard locks, 3½-inch, right and left..... 6 dozen iron chest locks, 4-inch..... 10 dozen drawer locks..... 6 dozen closet locks, 6 by 4 inch, right and left..... 8 dozen iron stock locks, 9-inch..... All the locks to be spring and tumbler, with brass works, keys of brass, to differ, except the drawer locks, which may have three kinds of keys to the dozen. 12 plyers, cutting, and assorted..... 12 frying pans, assorted sizes..... 40 stew pans..... 4 iron pots..... 12 rules, 2 feet, double and single jointed..... 24 wood rasps, assorted..... 75 pounds copper boat rivets..... 12 wood saws..... 30 hand saws..... 10 hack saws, with frames..... 4 dovetail saws..... 6 compass saws, 10 to 15 inch..... | \$0 50 each. 2 00 do. 37 do. 1 00 per dozen. 5 00 do. 1 00 do. 60 do. 60 do. 50 do. 12 do. 12 00 do. 3 00 do. 3 00 do. 4 00 do. 2 00 do. 2 00 do. 3 50 do. 50 each. 25 do. 70 do. 1 00 do. 35 do. 35 do. 45 per pound. 50 each. 75 do. 1 00 do. 80 do. 35 do. | Gosport. |

| | | | | | | | |
|------|----|------|----|--|--|------------|-----------|
| | | | | 10 keyhole saws and pads, 6 to 12 inch..... | 40 | do. | |
| | | | | 4 tenon saws..... | 90 | do. | |
| | | | | 24 bench and clamp screws..... | 25 | do. | |
| | | | | 6 jack screws, 2½ to 3 feet, equal to "Ballard's"..... | 13 00 | do. | |
| | | | | 100 gross brass screws, gimlet points, Nos. 4 to 26..... | 1 50 | per gross. | |
| | | | | 200 gross iron screws, gimlet points, Nos. 3 to 24..... | 50 | do. | |
| | | | | 12 spokeshaves..... | 30 | each. | |
| | | | | 6 iron squares, 2 feet..... | 35 | do. | |
| | | | | 6 steel squares, 2 feet..... | 75 | do. | |
| | | | | 20 steel coal shovels..... | 1 00 | do. | |
| | | | | 60 steel scoop shovels..... | 80 | do. | |
| | | | | 12 tinners' bench shears..... | 4 00 | do. | |
| | | | | 6 tinners' hand shears..... | 2 00 | do. | |
| | | | | 6 edging stakes..... | 3 50 | do. | |
| | | | | 6 planishing stakes..... | 3 00 | do. | |
| | | | | 6 pairs scissors..... | 25 | do. | |
| | | | | 200,000 iron cut tacks..... | 30 | per M. | |
| | | | | 400 pounds bench vises, 3½ to 5½ inch jaws..... | 10 | per pound. | |
| | | | | 6 hand vises..... | 40 | each. | |
| | | | | 300 pounds iron wire, assorted..... | 10 | per pound. | |
| | | | | 24 water closet basins, china..... | 1 75 | each. | |
| | | | | 100 pounds wood screw bolts, assorted, 3 to 4 inch..... | 20 | per pound. | |
| | | | | 50 pounds pressed iron nuts..... | 8 | do. | |
| | | | | <i>Class No. 33, Hose—1860-61.</i> | | | |
| Oct. | 12 | June | 30 | James R. Pugh..... | 1,000 feet leather leading hose, in 25 feet lengths..... | 71 | per foot. |
| | | | | | 150 feet suction hose, in 6 feet lengths..... | 1 75 | do. |
| | | | | <i>Class No. 34, Brushes—1860-61.</i> | | | |
| Oct. | 11 | June | 30 | Allyn & Rose..... | 50 clamp brushes..... | 25 | each. |
| | | | | | 50 hand scrub brushes..... | 13 | do. |
| | | | | | 200 whitewash brushes..... | 40 | do. |
| | | | | | 16 paint brushes, 00..... | 50 | do. |
| | | | | | 20 paint brushes, 000..... | 10 | do. |
| | | | | | 30 paint brushes, 0000..... | 1 25 | do. |
| | | | | | 30 paint brushes, 00000..... | 10 | do. |
| | | | | | 10 paint brushes, 000000..... | 40 | do. |
| | | | | | 100 sash tool brushes..... | 15 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-------------------------|--|---|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Allyn & Rose—Continued. | 12 glue brushes..... <i>Class No. 39, Ship Chandlery—1860-1861.</i> 1 carboy muriatic acid—say 100 pounds..... 1 carboy sulphuric acid—say 100 pounds..... 500 pounds beeswax..... 150 Bath bricks..... 200 hickory brooms..... 400 corn brooms..... 80 pounds refined borax..... 12 silver calls..... 400 bushels hardwood charcoal..... 50 lamp chimneys..... 40 skeins large catgut..... 6 bass drum heads..... 6 tenor drum heads..... 4 reams emery cloth..... 5 bundles cooper's flags..... 6 glasses, 60"..... 6 glasses 30"..... 4 grind stones, 120 pounds, mounted..... 200 pounds best glue..... 200 fish-hooks, cod, and assorted..... 6 leads, "Ogden's"..... 6 leads, "Massey's" log..... 100 fishing lines, 240 feet each..... 4 measuring lines, metallic, 100 feet..... 100 pounds lampwick yarn..... 6 dozen prismatic deck lights..... 25 barrels lime, of 200 pounds each..... 18 jars of chloride of lime, in 20-pound jars..... 100 pounds mercury, in flasks..... | \$0 10 each. 4 per pound. 4 do. 15 do. 6 each. 15 do. 20 do. 30 per pound. 5 50 each. 15 per bushel. 10 each. 25 per skein. 2 00 each. 1 00 do. 8 00 per ream. 1 00 per bundle. 75 each. 75 do. 5 00 each. 20 per pound. 75 per 100. 22 00 each. 22 00 do. 10 do. 2 50 do. 20 per pound. 7 00 per dozen. 1 00 per barrel. 1 25 each. 50 per pound. | Gosport. |

Oct. 11 June 30

Veckery & Co.....

| | | |
|--|------|------------|
| 6 paint stones and mullers..... | 2 50 | each. |
| 2 reams heavy wrapping paper..... | 1 44 | per ream. |
| 12 reams sandpaper, assorted..... | 2 00 | do. |
| 25 pounds rubber gaskets, per pattern..... | 75 | per pound. |
| 25 pounds rotten-stone, in lumps..... | 4 | do. |
| 100 pounds thrums..... | 30 | do. |
| 6 thermometers..... | 50 | each. |
| 12 thermometers, for salinometers..... | 1 50 | do. |
| 2 sets turning tools, for wood..... | 6 00 | per set. |

Class No. 40, Stationery—1860-61.

| | | |
|--|------|------------|
| 10 pounds refined gum arabic..... | 10 | per pound. |
| 6 blank-books, cap size, 1 quire, half bound, faint lined..... | 25 | each. |
| 6 blank-books, cap size, 2 quires, half bound, faint lined..... | 40 | do. |
| 18 blank-books, cap size, 3 quires, half bound, faint lined..... | 50 | do. |
| 12 expenditure books, full bound, per sample..... | 4.50 | do. |
| 8 letter books, cap size, 3 quires, half bound, faint lined..... | 50 | do. |
| 40 memorandum books, 1 quire thick, half bound, with loops..... | 25 | do. |
| 12 memorandum books, 1 quire thick, bound in leather..... | 6 | do. |
| 20 sand boxes, hard wood..... | 8 | do. |
| 50 yards tracing cloth, 36 inches wide..... | 33 | per yard. |
| 6 bottles carmine ink, half pints..... | 10 | each. |
| 20 bottles black ink, half pints..... | 10 | do. |
| 40 bottles black ink, pints..... | 20 | do. |
| 20 inkstands, assorted..... | 10 | do. |
| 24 penknives, four blades, "Congress"..... | 90 | do. |
| 12 ivory pounce boxes and pounce..... | 6 | do. |
| 12 gross steel pens, assorted..... | 1 75 | per gross. |
| 6 dozen penholders to suit pens..... | 5 | per dozen. |
| 6 dozen pencils, drawing, best, black, and equal to "Faber's"..... | 40 | do. |
| 1,000 slate pencils, best white Rutland..... | 10 | per 100. |
| 3 dozen camels' hair pencils..... | 5 | per dozen. |
| 2 dozen sable hair pencils..... | 6 | do. |

LIST OF CONTRACTS—Continued.

| Date. | Expiration. | Names of contractors. | Articles. | Rates. | Navy-yard where deliverable. |
|------------------|------------------|-------------------------|---|--|------------------------------|
| 1860. Oct. 11 | 1861. June 30 | Veckery & Co.—Continued | 2 reams log paper..... 12 reams foolscap paper, faint lined..... 6 reams letter paper, faint lined..... 6 reams cartridge paper..... 30 sheets drawing paper, double elephant..... 40 sheets drawing paper, elephant..... 20 sheets tracing paper, double elephant..... 2 portfolios..... 5,000 quills, No. 80..... 8 parallel rulers, ebony, 24 inch..... 18 double log slates, hard-wood frames..... 8 wafer seals, ivory..... 12 dozen papers black sand, half pints..... 8 Gunter's scales..... 6 pounds wafers, American..... 8 pounds sealing wax..... 48 cakes water colors, best quality..... 2,000 self-sealing envelopes, assorted sizes and colors..... | \$1 00 per ream. 3.50 do. 2 75 do. 2 00 do. 31 per sheet. 15 do. 22 do. 50 each. 6 00 per M. 1 00 each. 1 00 do. 50 do. 12 per dozen 5 each. 10 per pound. 50 do. 37½ each. 4 50 per M. | Gosport. |
| Jan. 26 | June 10 | Novelty Iron Works..... | Boilers for steamer Michigan..... Smoke pipes..... Safety-valve chests..... Gun-metal valves and seats..... Levers, studs, valves, stems, and pins..... Gun-metal steam pipe..... Copper blow-off pipe..... Iron joint screw bolts, ½ and ¾ inch..... Placing in lathe..... Piston rod..... Piston follower bolts..... Tools and reboring crank-pin holes in crank..... Crank pins in center shaft cranks..... Brasses about engines..... | 11 per pound. 12 do. 6 do. 50 do. 14 do. 35 do. 45 do. 11 do. 20 00 20 per pound. 20 do. 56 00 25 per pound. 50 do. | |

| | | | | | |
|----------|---------|---------------------------|--|------|-----------|
| Sept. 10 | June 30 | Charles A. Heckscher..... | Grate bars..... | 3½ | do. |
| | | | Dry sand iron castings..... | 4¼ | do. |
| | | | Wrought-iron work..... | 13 | do. |
| | | | Engine fitters..... | 2 50 | per day. |
| | | | Boiler makers..... | 2 25 | do. |
| | | | Blacksmith and helper, forge, tools, &c..... | 5 00 | do. |
| | | | Pattern makers and tools..... | 2 50 | do. |
| | | | White pine lumber..... | 3½ | per foot. |
| | | | 15,000 tons anthracite coal..... | 3 85 | per ton. |

No. 5.

*Abstract of annual report from the Bureau of Provisions and Clothing,
dated November 6, 1860.*

Transmits, estimates, abstracts, and statements.
Change of naval depot.
Additional appropriation for provisions.
Storehouse at New York.
Assistant paymasters.
Pay of clerks to paymasters.

BUREAU OF PROVISIONS AND CLOTHING,
November 6, 1860.

SIR: I have the honor to forward the inclosed estimates, statements, and abstracts, marked A to O, both inclusive.

CHANGE OF NAVAL DEPOT.

The removal of the naval depot of the African squadron from Porto Prayo to St. Paul de Loando has been satisfactorily accomplished, and the good results of the measure are already manifest in the capture of an unprecedented number of slavers by the vessels of that squadron. The vicinity of the depot to the great slave marts enables our vessels to spend most of their time in active cruising, instead of losing much of it in visits to the distant storehouses. The place selected for the new depot proves, as was anticipated, to be far more convenient, economical, and healthful than the former one.

ADDITIONAL APPROPRIATION FOR PROVISIONS.

The annual appropriations, under the head of provisions, have, for the last three years, been exhausted before the end of the fiscal year. The estimate for provisions for 1857-58 was made upon the basis of 7,500 men, to which number the Navy was then limited by law. But on the 3d of March, 1857, the last day of the session, that number was enlarged 1,000 men by a clause in the naval appropriation bill; but no corresponding increase of the appropriation from which they were to be subsisted was made until the year following. Had this large addition to the Navy been anticipated with any certainty, the additional sum of \$101,150 would then have been estimated for. The want of it has been sensibly felt, especially as the prices of provisions have ruled so high that the appropriations made upon the estimate of twenty-five cents per ration have not been sufficient to cover its cost to the government. The sum of \$101,150, omitted in the appropriation for 1857-58, is asked for in the estimates for the next fiscal year, in the hope that it may prove sufficient without any further increase of the annual appropriation for provisions. But it is my duty to say that if the average prices of the constituent parts of the ration continue as high as they have been for the last five years, it will be indispensa-

bly necessary to appropriate a larger annual sum for the use of the Navy under the head of provisions.

STOREHOUSE AT NEW YORK.

The large and commodious storehouse for provisions, clothing, &c., at New York has been occupied for the last year by the inspector in charge of provisions, who reports, with the sanction of the commandant of the yard, the great need of a hoisting apparatus of the most approved kind, and a railway from the building to the wharf where vessels land and receive stores. By means of these labor-saving facilities, vessels could be provisioned or discharged with much greater dispatch, and the whole estimated cost of \$6,000 for these two objects would, it is confidently believed, be saved in two years by the employment of fewer men and teams.

ASSISTANT PAYMASTERS.

The efficiency of the pay department of the Navy is seriously impaired by the want of suitable officers to perform the duties of paymaster. The last Navy Register shows that on the 1st of January last there were fifteen vessels in commission whose commanding officers were acting as paymasters, besides attending to their own legitimate duties. It also appears that there were but thirteen paymasters at that date unemployed, including all who were incapacitated for active duty by age or sickness.

The policy of building and keeping in commission vessels of the smaller classes, in preference to those of large size, enables the department, with the limited number of seamen authorized, to employ many more vessels than formerly.

It appears by the last four Navy Registers, that on the 1st of January, 1857, there were twenty-six vessels in active service; in 1858, thirty; in 1859, forty; and January 1, 1860, there were forty-seven; each of which was entitled to a paymaster, and would have had one if the small number of the corps had permitted. With this greatly increased demand for officers in the pay department, there has been no increase of officers, and it has become impossible to send vessels to sea, except by imposing upon their commanding officers the duties of paymaster; and this, with no increase of pay, and with the liability to considerable losses in the settlement of their accounts.

The employment of so many small vessels would seem to make it eminently proper to create a corps of assistant paymasters with smaller pay and less bonds than those prescribed by law for paymasters.

-PAY OF CLERKS TO PAYMASTERS.

I again and earnestly recommend an increase of pay for the clerks of paymasters at shore stations and at sea. All other clerks at navy-yards are better paid than the paymaster's, yet none of them have duties more laborious or responsible. The mere copying clerks in other departments receive a higher compensation than the paymaster's

clerk, who sometimes prepares the accounts for the disbursement of \$1,000,000 per annum, and who, at some yards, not unfrequently calculates the pay of 2,000 men twice in each month. The late law increasing the pay of the Navy took no notice of the paymaster's clerks of ships in commission. The midshipmen, with whom they mess, receive, under the new law, \$550, while they are allowed but \$400 per annum, a sum not sufficient to pay their actual and necessary expenses.

I am, sir, very respectfully, your obedient servant,

H. BRIDGE,
Chief of Bureau.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

Schedule of the papers accompanying the Report of the Chief of the Bureau of Provisions and Clothing, to the Secretary of the Navy, dated November 6, 1860.

- A.—Estimate of the expenses of the bureau for the fiscal year.
- B.—Estimate for provisions for the Navy for the fiscal year.
- C.—Estimate for contingent for the Navy for the fiscal year.
- D.—Statement showing the value of provisions, clothing, and small stores on hand.
- E.—Statement showing the value of shipments made by the bureau to foreign stations.
- F.—Statement showing the cost of provisions, clothing, and small stores condemned.
- G.—Abstract of proposals received for Navy supplies.
- H.—Abstract of proposals received for clothing and clothing materials.
- I.—Abstract of proposals received for small stores.
- K.—Abstract of proposals received for saltwater soap, candles, &c.
- L.—Abstract of proposals received for beef and pork.
- M.—Abstract of proposals received for fresh beef and vegetables.
- N.—Abstract of proposals received for transportation of stores.
- O.—Statement of contracts made by the bureau during the year.

Estimate of appropriations under the cognizance of the Bureau of Provisions and Clothing required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Appropriations for the fiscal year ending June 30, 1861. |
|------------------------------------|---|--|
| Provisions..... | \$1,042,850 00 | \$941,700 00 |
| Expenses of the bureau..... | 9,540 00 | 9,540 00 |
| Contingent..... | 68,000 00 | 68,000 00 |

A.

Estimate of the expenses of the Bureau of Provisions and Clothing for the fiscal year ending June 30, 1862.

| | |
|--|---|
| For salary of one clerk of the fourth class, per act of Congress of March 3, 1853, section 3, vol. 10, page 209..... | \$1,800 |
| For salaries of four clerks of the second class, per acts of Congress of March 3, 1853, section 3, vol. 10, page 209, and April 22, 1854, section 1, vol. 10, page 276 | 5,600 |
| For salary of one messenger, per joint resolution of Congress of August 18, 1856 | 840 |
| For salary of one laborer, per joint resolution of Congress of August 18, 1856..... | 600 |
| | <hr style="border-top: 1px solid black;"/> |
| | 8,840 |
| | <hr style="border-top: 3px double black;"/> |

CONTINGENT.

| | |
|---|---|
| For blank-books, stationery, and miscellaneous items..... | \$700 |
| | <hr style="border-top: 3px double black;"/> |
| Appropriated for the year ending June 30, 1861: | |
| For salaries of clerks, messenger, and laborer..... | \$8,840 |
| For contingent | 700 |
| | <hr style="border-top: 1px solid black;"/> |
| | 9,540 |
| | <hr style="border-top: 3px double black;"/> |

| | |
|---|---|
| Asked to be appropriated for the year ending June 30, 1862: | |
| For salaries of clerks, messenger, and laborer..... | \$8,840 |
| For contingent | 700 |
| | <hr style="border-top: 1px solid black;"/> |
| | 9,540 |
| | <hr style="border-top: 3px double black;"/> |

H. BRIDGE,
Chief of Bureau.

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

B.

Estimate from the Bureau of Provisions and Clothing for that portion of the naval service coming under its cognizance for the fiscal year ending June 30, 1862.

| | |
|---|--------------|
| One ration per day for 8,500 men, would be for the year 3,102,500 rations, at 25 cents, each..... | \$775,625 00 |
| One ration per day for 750 commission and warrant officers, attached to vessels for sea-service, for the year, would be 273,750 rations, at 25 cents, each..... | 68,437 50 |

| | |
|--|---------------------|
| One ration per day for 750 officers and marines, "attached to vessels for sea-service," would be 273,750 rations, at 25 cents, each..... | \$68,437 50 |
| Additional sum required for an estimated number of 4,000 men, who may decline to draw the spirit portion of their ration, as provided by the acts of March 3, 1847, section 1, vol. 9, page 169, and August 3, 1848, section 5, vol. 9, page 271..... | 29,200 00 |
| To meet deficiency occasioned by the addition of 1,000 men to the Navy, per act of March 3, 1857, vol. 11, page 243, section 1, without a proportionate addition to the appropriation for provisions for the fiscal year next following that enactment | 101,150 00 |
| Total..... | 1,042,850 00 |
| Appropriated for the year ending June 30, 1861 | \$941,700 00 |
| Asked to be appropriated for the year ending June 30, 1862 | 1,042,850 00 |
| Increase..... | 101,150 00 |

This increase is asked for to meet a deficiency, which was occasioned by the addition of one thousand men to the Navy in 1857, without a corresponding addition to the appropriation for provisions, and which has appeared from year to year since, by the exhaustion of the appropriation before the end of the fiscal year.

H. BRIDGE,
Chief of Bureau.

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

C.

Estimate of the sum which will be required by the Bureau of Provisions and Clothing, under the head of contingent for the fiscal year ending June 30, 1862.

| | |
|---|-------------|
| To meet the demands upon the bureau for candles, freight to foreign stations, transportation from station to station within the United States, cooperage, pay of assistants to inspectors, advertising for proposals, printing paymaster's blanks, and stationery for cruising vessels..... | \$68,000 00 |
|---|-------------|

H. BRIDGE,
Chief of Bureau.

NAVY DEPARTMENT,
Bureau of Clothing and Provisions.

D.

Statement showing the value of provisions, clothing, small stores, and contingent on hand at the United States navy-yards and at naval depots on foreign stations, July 1, 1860.

| Stations. | Date. | Provisions. | Clothing. | Small stores. | Contingent. |
|--|----------------|-------------|-------------|---------------|-------------|
| Portsmouth, New Hampshire..... | July 1, 1860 | \$1,092 37 | | | \$140 95 |
| Boston, Massachusetts..... | July 1, 1860 | 46,012 18 | \$95,195 32 | \$12,236 88 | 10,644 96 |
| New York..... | July 1, 1860 | 83,000 81 | 133,342 82 | 15,061 36 | 6,847 05 |
| Philadelphia, Pennsylvania..... | July 1, 1860 | 3,704 35 | 10,114 33 | 2,180 85 | 340 01 |
| Washington, District of Columbia..... | July 1, 1860 | 804 38 | | | 90 90 |
| Norfolk, Virginia..... | July 1, 1860 | 44,513 29 | 78,605 39 | 8,993 34 | 2,846 29 |
| Warrington, Florida..... | July 1, 1860 | 35,872 91 | 8,920 93 | 5,511 81 | 1,315 69 |
| Key West, Florida..... | March 31, 1860 | 5,236 71 | | | |
| Mare Island, California..... | March 31, 1860 | 58,884 52 | 47,961 96 | 11,266 63 | 2,308 32 |
| Aspinwall, New Granada..... | July 1, 1860 | 10,352 82 | 14,701 78 | 6,853 17 | |
| Panama, New Granada..... | March 31, 1860 | 14,867 65 | 3,244 91 | 3,453 79 | |
| Valparaiso, Chili..... | July 1, 1860 | 2,949 73 | 18,224 11 | 5,235 78 | 384 64 |
| Rio de Janeiro, Brazil..... | July 1, 1860 | 50,564 42 | 13,993 34 | 5,711 09 | 3,432 89 |
| Spezia, Sardinia..... | July 1, 1860 | 27,704 14 | 30,587 56 | 8,437 07 | 543 12 |
| St. Paul de Loando, Coast of Africa..... | March 31, 1860 | 19,799 44 | 3,584 62 | 4,346 68 | |
| Porto Prayo, Cape de Verde Islands..... | March 31, 1860 | 15,184 35 | 12,178 27 | 2,636 49 | 1,476 30 |
| Hong Kong, China..... | March 31, 1860 | 24,799 15 | 37,564 13 | 2,998 77 | 1,013 36 |
| Total..... | | 445,343 22 | 510,219 47 | 94,923 71 | 31,384 48 |

NAVY DEPARTMENT, Bureau of Provision and Clothing.

E.

Statement showing the value of shipments made by the Bureau of Provisions and Clothing to the United States naval squadrons on foreign stations during the fiscal year ending June 30, 1860.

| Stations. | Date. | Provisions. | Clothing. | Small stores. | Contingent. |
|-------------------------------------|-------------------|-------------|------------|---------------|-------------|
| China squadron..... | January, 1860 | | \$1,918 18 | \$2,569 59 | |
| | April 17, 1860 | \$3,396 00 | 5,810 12 | 2,122 12 | \$6 00 |
| Mediterranean squadron..... | October 8, 1859 | 22,753 00 | 865 85 | 3,382 24 | 406 35 |
| | July 14, 1859 | | 591 00 | | |
| African squadron..... | Septem'r 3, 1859 | 38,223 77 | 3,509 64 | 5,823 85 | |
| | April 2, 1860 | 30,525 98 | 12,599 85 | 1,723 87 | 778 53 |
| Brazil squadron..... | August, 1859 | 7,826 23 | | | |
| | January, 1860 | 245 16 | 1,755 00 | 1,429 82 | |
| Pacific squadron..... | January, 1860 | 486 40 | 4,637 71 | 105 84 | |
| | Febr'y 21, 1860 | 24,188 45 | 11,356 70 | 3,931 32 | |
| Isthmus of Panama, New Granada..... | July, 1859 | 771 20 | | | |
| | August 1, 1859 | 19,954 87 | | 4,983 49 | 2 30 |
| | September, 1859 | 11,823 59 | | | |
| | September, 1859 | 8,161 10 | 7,723 93 | | |
| | October 12, 1859 | 11,489 26 | 90 67 | | |
| | Oct. 26, 27, 1859 | 18,097 00 | 4,148 84 | 3,499 58 | |
| | November, 1859 | 1,417 93 | 1,167 08 | 1,978 67 | |
| | November, 1859 | 4,269 23 | 1,556 38 | | |
| | December, 1859 | 1,020 00 | | 3,046 43 | 2 40 |
| | January, 1860 | 1,335 86 | | 101 25 | 529 93 |
| Squadron before Vera Cruz..... | January, 1860 | | 5,002 30 | 224 11 | |
| | April 1, 1860 | 8,099 33 | 15,751 05 | 2,144 47 | |
| | May, 1860 | 1,343 69 | | | |
| | May, 1860 | 1,341 40 | | 67 20 | |
| | June 18, 30, 1860 | 4,506 60 | 6,272 97 | 476 69 | 393 85 |
| | June, 1860 | 7,553 49 | 6,220 16 | 1,661 14 | 1,350 81 |
| | April, 1860 | 30,685 37 | 3,629 85 | 1,681 95 | |
| Total..... | | 259,514 91 | 94,607 28 | 40,953 63 | 3,470 17 |

F.

Statement showing the cost of provisions, clothing, small stores, and contingent condemned on board the national vessels, and at the naval stores, at home and abroad, or otherwise destroyed, loss by leakage, evaporation, or other casualties of the service; also, the amount condemned and sold at auction, with the amount of the net proceeds of such sales, from July 1, 1859, to June 30, 1860, inclusive, so far as returns have been received.

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| Stations. | Provisions. | | Clothing. | | Small stores. | | Contingent. | |
|---|-------------|--------------|-----------|--------------|---------------|--------------|-------------|--------------|
| | Cost. | Netproceeds. | Cost. | Netproceeds. | Cost. | Netproceeds. | Cost. | Netproceeds. |
| Portsmouth, N. H..... | \$1,408 62 | \$251 25 | \$60 79 | \$10 09 | \$6 93 | \$4 03 | | |
| Boston, Mass..... | 8,931 20 | 1,245 37 | 5,231 73 | 871 86 | 349 70 | 25 24 | \$14 90 | \$117 14 |
| New York..... | 8,006 91 | 2,206 67 | 3,701 94 | 690 51 | 579 43 | 143 78 | | |
| Philadelphia..... | 770 24 | 1,184 82 | 563 10 | 227 87 | 20 24 | 2 63 | | |
| Baltimore..... | | | | | | | | |
| Washington..... | 9 16 | 3 38 | | 1 43 | | 82 | | |
| Norfolk, Va..... | 5,766 84 | 1,022 02 | 2,049 36 | 508 49 | 282 83 | 30 70 | 18 18 | 8 55 |
| Warrington, Fla..... | 976 93 | 130 19 | 1,873 68 | 1,131 84 | 501 90 | 102 52 | | |
| Key West, Fla..... | | | | | | | | |
| Charleston, S. C..... | | 26 28 | | | | | | |
| Mare Island, Cal..... | 894 05 | 44 80 | 144 53 | 26 52 | 156 10 | 53 47 | | |
| Rio de Janeiro, Brazil..... | 4,262 22 | | 33 57 | | 131 00 | | | |
| Hong Kong, China..... | 3,438 71 | 221 01 | 749 34 | 448 23 | 19 53 | 4 43 | | |
| Porto Prayo, Cape de Verde Islands..... | 463 96 | | 10 73 | | 133 86 | | | |
| Spezzia, Sardinia..... | 76 29 | | 21 28 | | | | 36 54 | |
| Valparaiso, Chili..... | 360 10 | 50 23 | 31 16 | 10 50 | 22 00 | 16 43 | | |
| The several national vessels..... | 19,933 36 | 202 41 | 1,648 05 | 73 62 | 521 21 | | | |
| Total..... | 55,298 59 | 6,528 43 | 16,119 26 | 4,000 96 | 2,724 73 | 384 25 | 69 62 | 125 69 |

The net proceeds sometimes exceed the cost, in consequence of the returns of sales being made too late to be embraced in the account of the same year the property is condemned, consequently going to increase the amount of the net proceeds of the succeeding year. For the same reason, the net proceeds do not appear at all at some of the stations.

G.—Schedule of proposals received for navy supplies for the fiscal year
visions and Clothing

| Names. | Residence. | Biscuit, per 100 pounds. | | | | | |
|---------------------------------------|--------------------|--------------------------|--------|-----------|--------|----------|--------|
| | | Boston. | | New York. | | Norfolk. | |
| | | Tight. | Flour. | Tight. | Flour. | | Flour. |
| E. Pincers & Co. | Philadelphia, Pa. | | | | | | |
| Charles H. Blanchard | Boston, Mass. | | | | | | |
| Joseph W. Ward, Jr. | do. | | | | | | |
| Thomas R. Reardon | Norfolk, Va. | | | | | | |
| Ransom Reed | Boston, Mass. | | | | | | |
| Augustus F. W. Boden | Brooklyn, N. Y. | | | | | | |
| E. T. Cowdroy & Co. | Boston, Mass. | | | | | | |
| Thomas Groswell & Son | Farmington, Me. | | | | | | |
| Peters & Reed | Portsmouth, Va. | | | | | | |
| Levi Bartlett & Co. | Boston, Mass. | | | | | | |
| William Lang | do. | | | | | | |
| Leo Volk | do. | | | | | | |
| C. H. Whitehurst | Norfolk, Va. | | | | | | |
| R. P. Lovitt | do. | | | | | | |
| Francis Miller | Washington, D. C. | \$5 10 | \$4 90 | \$5 05 | \$4 31 | | \$4 31 |
| William Mathiows | New York, N. Y. | | | | | | |
| Hiram Taylor | do. | | | | | | |
| E. Trendwell & Sons | do. | 4 57 | 3 97 | 4 23 | 3 67 | | |
| Gurdon K. Tyler | Baltimore, Md. | 5 20 | 4 70 | 5 15 | 4 65 | | 4 23 |
| Stewart & McAree | Harrisburg, Pa. | | | | | | |
| Henry Swift | New York, N. Y. | | | | | | |
| Charles Callahan | do. | | | | | | |
| Hyatt & Stump | Baltimore, Md. | | | | | | |
| William Carr & Co. | Pittsburg, Pa. | | | | | | |
| James Reed | Norfolk, Va. | | | | | | 4 20 |
| John A. Higgins | do. | | | | | | |
| Lucius Slade | Boston, Mass. | | | | | | |
| Porter W. Hyde | Fulton, N. Y. | | 6 00 | | 6 00 | | 6 00 |
| Thomas P. Knight | Boston, Mass. | | | | | | |
| Charles F. Austin | do. | 4 71½ | 3 97½ | | | | |
| Wesley Smith | New York, N. Y. | | | | | | |
| J. F. Brooks | Boston, Mass. | 4 80 | 4 01 | 5 26 | 4 30 | | 4 56 |
| Mullett & Bradbury | Charlestown, Mass. | | | | | | |
| N. W. Collin | Boston, Mass. | | | | | | |
| David Cooper | Philadelphia, Pa. | | | | | | |
| King & Burchell | Washington, D. C. | | | | | | |
| Gilmore, Shryock & Co. | Philadelphia, Pa. | | | | | | |
| C. W. Burton and William P. Shattuck. | New York, N. Y. | | | | | | |

ending June 30, 1861, under the advertisement of the Bureau of Pro-
dated March 16, 1860.

| Flour, per barrel. | | | Rice, per pound. | | | Dried apples, per pound. | | | Pickles, per pound. | | |
|--------------------|-----------|----------|------------------|-----------|------------|--------------------------|-----------|----------|---------------------|-----------|------------|
| Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. |
| | | | | | \$0 05 1/2 | | | | | | \$0 12 1/2 |
| | | | | | | \$0 08 | \$0 08 | \$0 08 | | | |
| \$6 94 | \$6 81 | \$6 74 | \$0 04.95 | \$0 04.90 | 4.95 | 8.45 | 8.48 | | | | |
| 7 48 | 6 90 | 7 50 | 4.20 | 4.20 | | 7.74 | 7.24 | 7.12 | | | |
| | | | 4.49 | 4.48 | 4.78 | 7.63 | 7.40 | 7.60 | | | |
| | | | | | | 7 1/2 | | 6 1/2 | | | |
| | | | 4.24 | 4.31 | 4.48 | 7.79 | 6.70 | 6.93 | | | |
| | | | 4.45 | 4.28 | 4.45 | | 7.19 | | \$0 05.37 | \$0 04.94 | 5.37 |
| | | | | | | | | | | | |
| | | | 6 1/2 | 6 1/2 | | | | | | | |
| 7 10 | 6 99 | 6 49 | 4.99 | 4.74 | 4.72 | 7.43 | 6.72 | 6.19 | 7 1/2 | 7 1/2 | 7 1/2 |
| 7 00 | 7 00 | 7 00 | 6 | 6 | 6 | 7.87 1/2 | 7.87 1/2 | 8 1/2 | | | |
| 8 07 | 8 10 | 8 40 | 4.22 1/2 | 4.31 | 4.56 | 13 | 12 | 14 | 6 | 6 | 7 |
| | | | | 4.99 | | 8.15 | 8.22 | 8.65 | | | |
| 8 20 | 8 22 | 8 45 | 4.24 | 4.32 | 4.58 | | | | | | |
| 7 23 | 7 48 | | 4.73 | 4.86 | | 8.20 | 8.24 | 8.67 1/2 | | | |
| 6 68 | | | 4.18 | | | 7.74 | 7.72 | | 5.12 | 5.24 | |
| | | | | 4.74 | 4.74 | 8.61 | | | | | |
| | | | | | | 7.7 | 6.90 | 6.90 | 4.69 | 4.60 | 4.90 |
| | 6.60 | 6.97 | | 4 1/2 | 4 1/2 | | 7 1/2 | 7 | | | |

| Names. | Residence. | Sugar, per pound. | | | Tea, per pound. | | | Coffee, per lb. |
|---------------------------------------|--------------------|-------------------|------------|----------|-----------------|-----------|----------|-----------------|
| | | Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. | New York. |
| E. Pincus & Co. | Philadelphia, Pa. | | | | | | | |
| Charles H. Blanchard | Boston, Mass. | | | | | | | |
| Joseph W. Ward, Jr | do. | | | | | | | |
| Thomas R. Reardon | Norfolk, Va. | | | \$0 09½ | | | \$0 80 | |
| Ransom Reed | Boston, Mass. | | | | | | | |
| Augustus F. W. Boden | Brooklyn, N. Y. | | | | | | | |
| E. T. Cowdrey & Co. | Boston, Mass. | | | | | | | |
| Thomas Crosswell & Son | Farmington, Me. | | | | | | | |
| Peters & Reed | Portsmouth, Va. | \$0 09 | \$0 08, 95 | 9 | \$0 44 | \$0 44 | 44 | \$0 16 |
| Levi Bartlett & Co. | Boston, Mass. | 9, 20 | 8, 40 | | 38 | 38 | | |
| William Lang | do. | 8½ | 7, 90 | 8, 36 | 33 | 33 | 35 | 13½ |
| Leo Volk | do. | | | | | | | |
| C. H. Whitehurst | Norfolk, Va. | | | | | | | |
| R. P. Lovitt | do. | | | | | | | |
| Francis Miller | Washington, D. C. | 8, 24 | 8, 19 | 8, 31 | 33½ | 33, 43 | 35, 93 | 13, 43 |
| William Mathews | New York, N. Y. | 8, 24 | 8, 20 | 8, 70 | 32, 40 | 30, 70 | 33, 70 | 12, 29 |
| Hiram Taylor | do. | | | | | | | |
| E. Treadwell & Sons | do. | | | | | | | |
| Gurdon K. Tyler | Baltimore, Md. | | | | | | | |
| Stewart & McAree | Harrisburg, Pa. | | | | | | | |
| Henry Swift | New York, N. Y. | | | | 38 | 38 | 38 | |
| Charles Callahan | do. | | | | 39, 95 | 39, 95 | 39, 95 | 13, 66 |
| Hyatt & Stump | Baltimore, Md. | 10 | 10 | | 55 | 55 | | 15 |
| William Carr & Co. | Pittsburg, Pa. | | | | | | | |
| James Reed | Norfolk, Va. | | | | | | | |
| John A. Higgins | do. | 9 | 8, 99 | 8, 99 | 47 | 41 | 42½ | 13, 99 |
| Lucius Slade | Boston, Mass. | | | | | | | |
| Porter W. Hyde | Fulton, N. Y. | 9½ | 9 | 9 | 58 | 50 | 60 | 15 |
| Thomas T. Knight | Boston, Mass. | 8, 72 | 8, 74 | 8, 76 | 42½ | 41 | 46 | |
| Charles F. Austin | do. | | | | | | | |
| Wesley Smith | New York, N. Y. | | 8, 99 | | | 48, 98 | | 12, 23 |
| J. F. Brooks | Boston, Mass. | 8, 74 | 8, 77 | 8, 08 | 43 | 42½ | 40½ | |
| Mullett & Bradbury | Charlestown, Mass. | 8, 48 | 8, 86 | | 38 | 42 | | 12, 93 |
| N. W. Coffin | Boston, Mass. | 8, 47 | | | 30, 2 | | 33, 1 | |
| David Cooper | Philadelphia, Pa. | 7, 89 | 7, 89 | 8, 1 | 34, 20 | 33, 90 | 35, 70 | 12, 89 |
| King & Burrell | Washington, D. C. | | | | | | | 13, 94 |
| Gilmore, Shryock & Co. | Philadelphia, Pa. | | | | | | | |
| C. W. Burton and William P. Shattuck. | New York, N. Y. | | | | 40 | 40 | 40 | |

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

Continued.

| Beans, per bushel. | | | Molasses, per gallon. | | | Vinegar, per gallon. | | | Whisky, per gallon. | | |
|--------------------|-----------|----------|-----------------------|-----------|----------|----------------------|-----------|----------|---------------------|-----------|----------|
| Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. |
| | | | | | | \$0 12½ | \$0 12 | \$0 12½ | \$0 29½ | | |
| | | | | | | 12 | 13 | 13 | | | |
| \$1 65 | \$1 65 | \$1 80 | | | | | | 25 | | | |
| | | | | | | 17 | 17 | | | | |
| 1 05 | 1 95 | 1 65 | \$0 49 | \$0 48 | \$0 49 | 20 | 20 | 20 | 36.94 | \$0 34.94 | \$0 36 |
| 1 65 | 1 60 | | 39 | 40 | | | | | | | |
| 1 29 | 1 28 | 1 39 | 35 | 39 | 40 | 14 | 14 | 15 | 33½ | 33 | 35 |
| | | | | | | 11.95 | | 12.95 | | | |
| 1 75 | | 1 75 | | | | | | | | | |
| | 1 74 | | | | | | | | | | |
| 1 43 | 1 43 | 1 48 | 48½ | 48½ | 48½ | 13.93 | 13½ | 13.93 | 33.43 | 33.43 | 33.44 |
| 1 47 | 1 42 | 1 53 | | | | | | | | | |
| | | | | | | 13 | 11.7 | 13 | | | |
| | | | | | | | | | 36½ | 36½ | 36½ |
| | | | | | | | | | 36.47 | 36.47 | 36.47 |
| 1 50 | 1 50 | | | | | | | | 40 | 40 | 36 |
| | | | | | | | | | 38 | 34½ | |
| 1 70 | 1 60 | 1 49 | 60 | 54 | 58 | 24 | 23 | 25 | 38.74 | 38.72 | 38.72 |
| 1 47½ | 1 47½ | 1 55 | | | | | | | | | |
| 1 87 | 1 75 | 1 90 | 55 | 50 | 55 | 22 | 20 | 22 | 30 | 30 | 30 |
| 1 48 | 1 49½ | 1 58 | 44 | 46½ | 49½ | 15½ | 16 | 16½ | | | |
| | 1 63.9 | | | 45.23 | | | | | | 38.95 | |
| 1 49½ | 1 50½ | 1 59½ | 45 | 47½ | 49.80 | 15½ | 16½ | 17 | | | |
| 1 47 | 1 59 | | 35.98 | 40.24 | | 14.72 | 15.98 | | 33.48 | 33.48 | |
| 1 42½ | | 1 53 | 35 | | | | | | | | |
| 1 58 | 1 54 | 1 68 | 46.40 | 46 | 47 | 12.20 | 12.20 | 12½ | 35.45 | 35.40 | 36.20 |
| | 1 63 | 1 80 | | | | 13.19 | 13.71 | 13.73 | | 30 | 37 |

G—Continued.

Abstract of proposals received for "biscuit" and "flour," to be delivered at the navy-yard, Warrington, Florida, under an advertisement of the navy agent, by direction of the Bureau of Provisions and Clothing.

| Names. | Residence. | Biscuit, per lb. | Flour, per bbl. |
|-----------------------|----------------------|----------------------|-----------------|
| Chester P. Knapp..... | Pensacola, Fla..... | \$0 06 $\frac{3}{4}$ | \$8 25 |
| George H. O'Neal..... | Warrington, Fla..... | 8 $\frac{3}{4}$ | 9 00 |

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

H.

Abstract of proposals for "clothing and clothing materials," received under the advertisement of the Bureau of Provisions and Clothing, dated April 6, 1860.

| Names. | Residence. | Blue cloth trousers. | Satinet trousers. | Felt pea-jackets. | Felt caps. | Blue flannel overshirts. | Blue flannel undershirts. | Blue flannel drawers. | Duck trousers. | Barnsley sheeting frocks. | Satinet. |
|------------------------------|----------------------------|----------------------|-------------------|-------------------|------------|--------------------------|---------------------------|-----------------------|----------------|---------------------------|----------|
| | | Pair. | Each. | Each. | Each. | Pair. | Each. | Yard. | | | |
| A. H. & C. B. Alling | Birmingham, Conn | | | | | | | | | | |
| Wm. F. Enders & Co. | Boston, Mass. | \$3 62½ | \$2 38 | | | | | | | | |
| F. E. Eldredge | New York | | | \$9 00 | \$0 91 | \$1 62 | \$1 10 | \$1 10 | \$1 01 | \$0 92 | |
| Cronin, Hurxthal & Sears .. | New York | | | | | | | | | | \$0 81 |
| Chas. Barnum | New York | 3 74 | 2 74 | | | 1 95 | 1 44 | 1 24 | 1 49 | 1 54 | |
| Wm. Johnson | Seneca Falls, N. Y | | | | | | | | | | 72 |
| Wm. A. Mead & Co. | New York | 3 49 | 2 29 | | | 1 51 | 1 12 | 1 02 | 1 02 | 91 | |
| Cushing, King & Co. | New York | | | | | | | | | | |
| Jos. S. Fay, treasurer | Boston, Mass. | | | | | | | | | | 69 |
| Chas. J. Lovejoy | Boston, Mass. | 3 50 | 2 30 | | | | | | | | |
| William Mathews | New York | 3 49 | 2 37 | | | 1 70 | 1 04 | 1 04 | 1 00 | 88 | |
| Henry Newton | North Weymouth, Mass. | | | | | | | | | | |
| Sumner Flagg | Boston, Mass. | | | | | | | | | | |
| Salem T. Lamb, treasurer .. | Boston, Mass. | | | | | | | | | | |
| James Lenny | Chester, Pa. | | | | | | | | | | |
| Isaac C. Noe | New York | 3 18 | 2 30 | | | 1 34 | 1 20 | 1 20 | 1 00 | 99 | 75 |

H.—Continued.

| Names. | Residence. | Blue flannel. | Sheeting. | Duck. | Nankeen. | Calf shoes. | Kip shoes. | Socks. | Mattresses. | Blankets. | Black silk handkerchiefs. |
|-------------------------------|---------------------------|---------------|-----------|--------|----------|-------------|------------|---------|-------------|-----------|---------------------------|
| | | Yard. | | | | Pair. | | Each. | | | |
| | | | | | | | | | | | |
| A. H. & C. B. Alling | Birmingham, Conn..... | | | | | | | \$0 28½ | | | |
| Wm. F. Enders & Co..... | Boston, Mass..... | | \$0 63 | \$0 31 | \$0 09 | | | 30 | \$5 35 | \$2 00 | \$0 95 |
| F. E. Eldredge | New York..... | | | | | | | 33 | | \$2 07 | 1 11 |
| Cronin, Hurxthal & Sears..... | New York..... | \$0 44 | 69½ | 32½ | 09 | | | | | | |
| Chas. Barnum..... | New York..... | | | | | | | | | 1 90 | |
| Wm. Johnson..... | Seneca Falls, N. Y..... | 47 | | | | | | | | | |
| Wm. A. Mead & Co..... | New York..... | | | | | | | | | | 98 |
| Cushing, King & Co..... | New York..... | | | | | | | | | | |
| Jos. S. Fay, treasurer..... | Boston, Mass..... | 38 | | | | | | | | | |
| Chas. J. Lovejoy..... | Boston, Mass..... | | | | | | | | 4 65 | 2 09 | 91.7 |
| William Mathews..... | New York..... | | 59 | 28 | 06 | | | 29.4 | | | |
| Henry Newton..... | North Weymouth, Mass..... | | | | | 1 47 | 1 40 | | | | |
| Sumner Flagg..... | Boston, Mass..... | | | | | | | | 4 58 | | |
| Salem T. Lamb, treasurer..... | Boston, Mass..... | | | | | | | | | 1 79 | |
| James Lenny..... | Chester, Pa..... | | | | | 1 50 | 1 50 | | | | |
| Isaac C. Noe..... | New York..... | 56 | 70 | 28 | 05 | | | | 4 69½ | | 99½ |

NAVY DEPARTMENT, Bureau of Provisions and Clothing.

I.

Abstract of proposals received for "small stores," under the advertisement of the Bureau of Provisions and Clothing, dated April 13, 1860.

| Articles. | Francis Miller. | William Mathews. | William Lang. | Isaac C. Noc. | Joseph L. Savage. | John A. Higgins. |
|------------------------------------|--------------------------------|------------------|---------------|----------------------------------|-------------------|------------------|
| Boxes, shaving.....each. | \$0 35 | \$0 26 | \$0 15 | \$0 25 | \$0 24 | \$0 30 |
| Brushes, shaving.....each. | 14 | 16 | 10 | 16 | 12 | 6 |
| Brushes, scrubbing.....each. | 16 | 20 | 25 | 20 | 16 | 22 |
| Brushes, shoe.....each. | 16 | 20 | 25 | 20 | 16 | 18 |
| Brushes, clothes.....each. | 10 | 12 | 12 | 10 | 12 | 10 |
| Buttons, navy, vest.....gross. | 1 80 | 1 90 | 2 12 | 2 50 | 1 70 | 2 20 |
| Buttons, navy, medium.....gross. | 2 26 | 3 30 | 2 50 | 3 75 | 3 24 | 3 80 |
| Buttons, navy, coat.....gross. | 3 26 | 3 30 | 2 75 | 3 00 | 3 00 | 4 80 |
| Buttons, dead-eye.....gross. | 8 | 10 | 2 | 12 | 10 | 20 |
| Blacking, boxes.....dozen. | 57 | 50 | 40 | 48 | 45 | 50 |
| Beeswax, ¼ lb. cakes.....pound. | 26 | 30 | 30 | 27 | 28 | 40 |
| Combs, coarse.....dozen. | 2 40 | 2 50 | 2 40 | 2 52 | 2 40 | 2 75 |
| Combs, fine.....dozen. | 1 76 | 1 75 | 1 88 | 2 00 | 1 70 | 1 80 |
| Cotton, spools.....dozen. | 55 | 45 | 42 | 43 ³ / ₄ | 45 | 45 |
| Grass, for hats.....100 hands. | 2 40 | 2 25 | 2 50 | 2 52 ¹ / ₂ | 2 24 | 2 50 |
| Handkerchiefs.....each. | 12 ¹ / ₂ | 11 | 20 | 12 ¹ / ₂ | 12 | 15 |
| Jack-knives.....each. | 24 | 27 | 32 | 30 | 20 | 29 |
| Needles.....1,000. | 49 | 70 | 12 | 50 | 50 | 60 |
| Razors.....each. | 22 | 30 | 12 | 26 | 20 | 28 |
| Razor straps.....each. | 15 | 15 | 10 | 13 | 12 | 25 |
| Ribbon, hat.....piece. | 62 ¹ / ₂ | 63 | 1 00 | 66 | 60 | 67 |
| Soap, shaving.....dozen. | 40 | 36 | 30 | 43 ¹ / ₂ | 35 | 30 |
| Silk, sewing.....pound. | 4 19 | 4 25 | 4 00 | 4 00 | 4 00 | 5 00 |
| Scissors.....each. | 25 | 15 | 12 | 15 | 14 | 16 |
| Spoons.....each. | 8 | 7 | 10 | 6 | 5 | 12 |
| Thread, black and white.....pound. | 1 00 | 90 | 1 25 | 1 20 | 85 | 98 |
| Tape, white linen.....dozen. | 29 | 30 | 30 | 28 ¹ / ₂ | 30 | 36 |
| Tape, black cotton.....dozen. | 16 | 20 | 18 | 16 ¹ / ₂ | 16 | 25 |
| Thimbles.....each. | 3 | 1 | 3 | 2 | 1 | 1 |

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

K.

Abstract of proposals received for soap, candles, mustard seed, black pepper, bottles, and corks, under the advertisement of the Bureau of Provisions and Clothing, dated April 13, 1860.

| Names. | Residence. | Soap, (Keyes.) | Soap, (Salt water.) | Candles. | Mustard. | Pepper. | Bottles. | Corks. |
|-------------------------|-------------------|-------------------|--------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|------------------------------------|--------|
| | | Pound. | Pound. | Pound. | Pound. | Pound. | Gross. | Gross. |
| William E. Keyes..... | New York..... | \$0 7 | | | | | | |
| Wesley Smith..... | New York..... | | | | \$0 8 ⁷⁴ / ₁₀₀ | \$0 9 ⁴⁸ / ₁₀₀ | \$1 60 | \$0 10 |
| J. H. Burgess..... | New Bedford..... | | \$0 5 ³⁴ / ₁₀₀ | | | | | |
| Speare, Burke & Co..... | Boston..... | | 5 ¹ / ₂ | \$0 27 | | | | |
| Fisher & Baker..... | New Bedford..... | | | 28 | | | | |
| Francis Miller..... | Washington..... | | | 25 ⁸⁸ / ₁₀₀ | 9 ⁴⁸ / ₁₀₀ | 12 ⁴⁸ / ₁₀₀ | 1 65 | 14 |
| William Mathews..... | New York..... | | | | 11 | 10 | 1 57 ³ / ₁₀₀ | 8 |
| William Lang..... | Boston..... | 8 | 5 ¹ / ₂ | 27 ¹ / ₂ | 9 ² / ₁₀₀ | 14 | 1 24 | 10 |
| Roland G. Mitchell..... | New York..... | | | 26 ¹ / ₄ | | | | |
| Lambert R. Walker..... | Philadelphia..... | | | | 20 | 20 | 3 75 | 50 |
| David Cooper..... | Philadelphia..... | | 4 ⁸⁸ / ₁₀₀ | 26 ⁷⁴ / ₁₀₀ | | | | |
| John A. Higgins..... | Norfolk..... | | 7 | 42 | 17 | 12 | 2 20 | 30 |

NAVY DEPARTMENT, Bureau of Provisions and Clothing.

L.

Abstract of proposals received for the supply of navy beef and navy pork for the year 1861, under the advertisement of the Bureau of Provisions and Clothing, dated June 25, 1860.

| Names. | Residence. | Beef, per barrel. | | | Pork, per barrel. | | |
|----------------------------|-----------------------|-------------------|-----------|----------|-------------------|-----------|----------|
| | | Boston. | New York. | Norfolk. | Boston. | New York. | Norfolk. |
| Worster, Dupee & Co..... | Boston, Mass..... | \$13 79 | | | \$19 97 | | |
| Cragin & Co..... | New York..... | 13 63 | \$13 33 | \$13 83 | 19 61 | \$19 31 | \$19 81 |
| Peters & Reed..... | Portsmouth, Va..... | | 16 30 | 15 90 | | 22 40 | 21 90 |
| D. Pulsifer & Payson..... | Boston, Mass..... | 13 19 | | | 19 19 | | |
| Harbaugh & Co..... | Pittsburg, Pa..... | | | | 21 00 | 21 00 | 21 50 |
| George B. Walter..... | Syracuse, N. Y..... | 15 70 | 14 90 | 16 70 | 19 20 | 18 45 | 20 20 |
| James W. McCulloh..... | New York..... | | | | 18 73 | 18 43 | 18 93 |
| Leguire & Johnson..... | New York..... | | | | 21 49 | 21 23 | 22 50 |
| Abram N. Stundart..... | Cleveland, Ohio..... | 14 98 | 14 75 | 15 45 | 20 30 | 20 00 | 20 95 |
| William Matthews..... | New York..... | 14 13 | 13 73 | 14 23 | 20 33 | 19 83 | 20 43 |
| Charles Wheeler..... | Milwaukie, Wis..... | 14 73 | 14 43 | 15 23 | 19 43 | 19 23 | 19 93 |
| Thomas J. Leland & Co..... | Boston, Mass..... | 12 41 | | | 18 91 | | |
| George Ellis..... | Philadelphia, Pa..... | 14 19 | 13 90 | 14 90 | 19 68 | 19 40 | |

NAVY DEPARTMENT, Bureau of Provisions and Clothing.

M.

Abstract of proposals received for the supply of fresh beef and vegetables at the several navy-yards during the fiscal year ending June 30, 1861, under advertisement of the respective navy agents, by direction of the Bureau of Provisions and Clothing.

| Names. | Where to be delivered. | Beef, per pound. | Vegetables, per pound. |
|----------------------------|-------------------------|----------------------------------|----------------------------------|
| | | Cents. | Cents. |
| Joseph Holmes | Portsmouth, N. H..... | 16 | 2½ |
| J. B. Severance | Boston, Mass..... | 6 ¹⁸ / ₁₀₀ | 1 |
| Richardson & Green..... |do..... | 6 ⁷ / ₄ | 1 ⁹ / ₈ |
| Chapin & Sawyer..... |do..... | 6 | 0 ⁹ / ₁₆ |
| Benjamin F. Weeks..... | New York..... | 5½ | 1½ |
| Charles G. Cornell..... |do..... | 5 | 1½ |
| James Faircloth..... |do..... | 4 ¹⁷ / ₁₀₀ | 1 ¹⁷ / ₁₀₀ |
| Daniel Lalor..... |do..... | 6 | 2 |
| Charles Symons..... |do..... | 5 ⁹⁷ / ₁₀₀ | 1 ⁵³ / ₁₀₀ |
| Robert Bontcher..... |do..... | 5 ⁶⁰ / ₁₀₀ | 1 ⁶⁰ / ₁₀₀ |
| Valentine & Disbrow..... |do..... | 5 ¹⁸ / ₁₀₀ | 1½ |
| L. S. & H. Bordef..... | Philadelphia, Pa..... | 5 ³⁰ / ₁₀₀ | 1¼ |
| George W. Pappler..... | Baltimore, Md..... | 12 | 2 |
| N. W. Burchell..... | Washington, D. C..... | 13 | 5 |
| H. B. Otterback & Bro..... |do..... | 9 ⁷ / ₄ | 4½ |
| Joseph L. Heise..... |do..... | 10 | 5 |
| William Ward..... | Norfolk, Va..... | 12½ | 3 |
| William T. Bell..... | Warrington, Fla..... | 12and 10 | 6 |
| Celestine Serra..... |do..... | 14and 11 | 6 |
| Patrick O'Grady*..... | San Francisco, Cal..... | 14 | 3 |
| W. L. Bracket..... |do..... | 8 | 2½ |
| Orsen H. Keyes*..... |do..... | 7 | 3¼ |
| S. B. Sherwood*..... |do..... | 9 | 2 |
| Frank Murphy..... |do..... | 9 | 2 |

* Informal.

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

N.

Abstract of proposals received for the transportation of stores from Boston to Valparaiso, Chili, under an advertisement of the navy agent, dated January 13, 1860.

| Name. | Vessel. | Price per bbl. |
|---------------------------|-------------|----------------|
| Goddard and Thompson..... | Gentoo..... | \$3 00 |

Abstract of proposals received for the transportation of stores from Boston to St. Paul de Loando, Africa, under an advertisement of the navy agent, dated March 20, 1860.

| Name. | Vessel. | Price per bbl. |
|--------------------------|-----------------|----------------|
| E. Bangs & Son | Cochituate..... | \$1 89 |
| John S. Emery & Co..... | Atlas | 1 96 |
| Isaigi Goddard & Co..... | Osmanli..... | 1 98 |

Abstract of proposals received for the transportation of stores from Boston to Hong Kong, China, under an advertisement of the navy agent, dated April 13, 1860.

| Name. | Vessel. | Price per bbl. |
|--------------------|-------------------|----------------|
| John E. Lodge..... | Bark Cossuck..... | \$2 50 |

Abstract of proposals received for the transportation of stores from Boston to Key West, Florida, under an advertisement of the navy agent, dated April 17, 1860.

| Name. | Vessel. | Price per bbl. |
|-------------------------|--------------------------|----------------|
| Thomas H. Lord..... | Brig Isola..... | \$0 94 |
| John S. Emery & Co..... | Schooner Broadfield..... | 94 |

N—Continued.

Abstract of proposals received for the transportation of stores from Boston to Key West, Florida, under an advertisement of the navy agent, dated May 26, 1860.

| Name. | Vessel. | Price per bbl. |
|-------------------------|----------------------------|----------------|
| John S. Emery & Co..... | Schooner Tugwassa..... | \$1 19 |
| Thomas H. Lord..... | Schooner John Elliott..... | 1 24 |

Abstract of proposals received for the transportation of stores from Boston to Hong Kong, China, under an advertisement of the navy agent, dated September 18, 1860.

| Name. | Vessel. | Price per bbl. |
|--------------------------|----------------------------|----------------|
| Baker & Morrill..... | Bark Don Pedro II..... | \$2 73 |
| Bush & Wildes | Ship Philip Delanoyes..... | 2 75 |
| N. H. Bridge..... | Brig Maine..... | 5 50 |
| A. Cunningham & Son..... | Bark E. Leavitt | 5 00 |

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

O.

Statement of the contracts made by the Bureau of Provisions and Clothing, for and in behalf of the Navy Department, for "supplies for the Navy," during the fiscal year ending June 30, 1861, prepared in obedience to acts of Congress approved April 21, 1808, and March 3, 1809.

| Name. | Date. | Articles contracted for. | At what price. | Where to be delivered. |
|---|---------------|---------------------------------|--|--------------------------------|
| H. & E. L. Corbin (for four years)..... | Nov. 11, 1859 | Butter..... | \$0 28 per pound... | Boston, New York, and Norfolk. |
| Robert A. Mayo (for three years)..... | Nov. 30, 1859 | Tobacco | 19 do. | |
| Gilmore, Shryock & Co..... | Apr. 19, 1860 | Flour..... | 6 60 per barrel.... | New York. |
| | | Whisky..... | 30 per gallon. | |
| E. Treadwell, Sons..... | Apr. 21, 1860 | Biscuit (tight barrels)..... | 4 57 per 100 lbs.. | Boston. |
| | | Biscuit (flour barrels)..... | 3 97 do. | |
| | | Biscuit (tight barrels)..... | 4 23 do..... | New York. |
| | | Biscuit (flour barrels)..... | 3 67 do. | |
| David Cooper..... | Apr. 23, 1860 | Dried apples..... | 7 ⁷ / ₁₀ per pound... | Boston. |
| | | Pickles..... | 4 ⁶⁹ / ₁₀₀ do..... | Boston and New York. |
| | | | 4 ⁹⁰ / ₁₀₀ do..... | Norfolk. |
| | | Sugar..... | 7 89 per 100 lbs.. | Boston and New York. |
| | | | 8 10 do..... | Norfolk. |
| William Mathews..... | Apr. 23, 1860 | Rice..... | 4 45 do. | |
| | | Tea..... | 30 ⁷ / ₁₀ per pound... | New York. |
| E. Pincus & Co..... | Apr. 23, 1860 | Vinegar..... | 12 ¹ / ₂ per gallon ... | Norfolk. |
| James Reed..... | Apr. 23, 1860 | Biscuit (in flour barrels)..... | 4 00 per 100 lbs. | |
| John A. Higgins..... | Apr. 23, 1860 | Flour..... | 6 49 per barrel. | |
| | | Dried apples | 6 ²⁹ / ₁₀₀ per pound. | |
| Porter W. Hyde..... | Apr. 24, 1860 | Whisky..... | 30 per gallon. | |
| R. P. Lovett..... | Apr. 25, 1860 | Dried apples..... | 6 ⁷⁰ / ₁₀₀ per pound ... | New York. |
| Nathaniel W. Coffin..... | Apr. 25, 1860 | Flour..... | 6 68 per barrel.... | Boston. |
| | | Rice..... | 4 18 per 100 lbs. | |
| | | Tea..... | 30 ² / ₁₀ per pound. | |
| | | | 33 ¹ / ₁₀ do..... | Norfolk. |
| Leo. Volk..... | Apr. 25, 1860 | Vinegar..... | 11 ²⁵ / ₁₀₀ per gallon ... | Boston. |
| Charles H. Blanchard..... | Apr. —, 1860 | Whisky | 29 ³ / ₄ do. | |

STATEMENT—Continued.

| Name. | Date. | Articles contracted for. | At what price. | Where to be delivered. |
|---------------------------|---------------|-------------------------------|-----------------------------------|--------------------------------|
| William Lang..... | Apr. 27, 1860 | Beans | 1 29 per bushel. | Boston. |
| | | | 1 28 do..... | New York. |
| | | | 1 39 do..... | Norfolk. |
| | | Molasses | 35 per gallon ... | Boston. |
| | | | 39 do..... | New York. |
| | | 40 do..... | Norfolk. | |
| | | | do..... | New York. |
| Hiram Taylor..... | Apr. 30, 1860 | Vinegar..... | 11 $\frac{1}{10}$ do..... | New York. |
| Wesley Smith..... | Apr. 24, 1860 | Coffee..... | 12 $\frac{33}{100}$ per pound. | |
| Levi Bartlett & Co..... | Apr. 28, 1860 | Rice..... | 4 20 per 100 lbs. | |
| Salem T. Lamb..... | May 17, 1860 | Blankets..... | 1 79 each..... | Boston, New York, and Norfolk. |
| A. H. & C. B. Alling..... | May 17, 1860 | Woolen socks..... | 28 $\frac{1}{4}$ per pair. | |
| Isaac C. Noe..... | May 17, 1860 | Blue cloth trowsers..... | 3 18 do. | |
| | | Blue satinet trowsers..... | 2 30 do. | |
| | | Blue felt pea-jackets..... | 9 00 each. | |
| | | Blue felt caps..... | 91 do. | |
| | | Canvas duck trowsers..... | 1 00 per pair. | |
| F. Edward Eldredge..... | May 17, 1860 | Barnsley sheeting frocks..... | 88 each. | |
| | | Barnsley sheeting..... | 59 per yard. | |
| | | Canvas duck..... | 28 do. | |
| | | Blue Nankeen..... | 6 do. | |
| | | Black silk handkerchiefs..... | 91 $\frac{7}{10}$ each. | |
| Henry Newton..... | May 18, 1860 | Calfskin shoes..... | 1 47 per pair. | |
| | | Kipskin shoes..... | 1 40 do. | |
| Sumner Flagg..... | May 18, 1860 | Mattresses..... | 4 58 each. | |
| Wesley Smith..... | May 21, 1860 | Mustard seed..... | 8 $\frac{74}{100}$ per pound ... | New York. |
| | | Black pepper..... | 9 $\frac{49}{100}$ do. | |
| | | Bottles..... | 1 60 per gross. | |
| | | Corks..... | 10 do. | |
| | | Candles..... | 25 $\frac{88}{100}$ per pound ... | Boston, New York, and Norfolk. |
| Francis Miller..... | May 22, 1860 | Blue flannel overshirts..... | 1 51 each. | |
| | | Blue flannel undershirts..... | 1 12 do. | |
| | | Blue flannel drawers..... | 1 02 per pair. | |
| Joseph S. Fay..... | May 22, 1860 | Blue satinet..... | 69 per yard. | |
| | | Blue flannel..... | 38 do. | |
| William E. Keyes..... | May 24, 1860 | Chemical salt water soap..... | 7 per pound. | |

| | | | | | |
|----------------------------|---------------|----------------------------|----------------------------------|----------------|--------------------------------|
| David Cooper..... | May 26, 1860 | White salt water soap..... | 4 ⁸⁸ / ₁₀₀ | do. | |
| Chester P. Knapp..... | June 26, 1860 | Biscuit..... | 6 75 | per 100 lbs.. | Warrington, Florida. |
| | | Flour..... | 8 25 | per barrel. | |
| Joseph Holmes..... | June 8, 1860 | Fresh beef..... | 16 | per pound... | Portsmouth, N. H. |
| | | Vegetables..... | 2 ¹ / ₄ | do. | |
| Chapin & Sawyer..... | June 1, 1860 | Fresh beef..... | 6 | do..... | Boston. |
| | | Vegetables..... | 0 ⁸ / ₁₀₀ | do. | |
| James Faircloth..... | June 5, 1860 | Fresh beef..... | 4 ⁴⁷ / ₁₀₀ | do..... | New York. |
| | | Vegetables..... | 1 ⁷⁰ / ₁₀₀ | do. | |
| L. S. and H. Boraef..... | June 30, 1860 | Fresh beef..... | 5 ³⁰ / ₁₀₀ | do..... | Philadelphia. |
| | | Vegetables..... | 1 ³ / ₄ | do. | |
| George W. Pappler..... | June 14, 1860 | Fresh beef..... | 12 | do..... | Baltimore. |
| | | Vegetables..... | 2 | do. | |
| H. B. Otterback & Bro..... | June 29, 1860 | Fresh beef..... | 9 ³ / ₄ | do..... | Washington, D. C. |
| | | Vegetables..... | 4 ¹ / ₂ | do. | |
| William Ward..... | June 6, 1860 | Fresh beef..... | 12 ² / ₂ | do..... | Norfolk. |
| | | Vegetables..... | 3 | do. | |
| William T. Bell..... | June 26, 1860 | Fresh beef..... | 12 and 10 | do..... | Warrington, Florida. |
| | | Vegetables..... | 6 | do. | |
| William L. Brackett..... | Apr. 11, 1860 | Fresh beef..... | 8 | do..... | San Francisco, Cal. |
| | | Vegetables..... | 2 ¹ / ₂ | do. | |
| Joseph L. Savage..... | May 28, 1860 | Small stores, viz:..... | | | Boston, New York, and Norfolk. |
| | | Boxes, shaving..... | 24 | each. | |
| | | Brushes, shaving..... | 12 | do. | |
| | | Brushes, scrub..... | 16 | do. | |
| | | Brushes, shoe..... | 16 | do. | |
| | | Brushes, clothes..... | 12 | do. | |
| | | Buttons, navy, vest..... | 1 70 | per gross. | |
| | | Buttons, navy, medium..... | 3 24 | do. | |
| | | Buttons, navy, coat..... | 3 00 | do. | |
| | | Buttons, dead-eye..... | 10 | do. | |
| | | Blacking, boxes..... | 45 | per dozen. | |
| | | Beeswax..... | 28 | per pound. | |
| | | Combs, coarse..... | 2 40 | per dozen. | |
| | | Combs, fine..... | 1 70 | do. | |
| | | Cotton, spools..... | 45 | do. | |
| | | Grass, for hats..... | 2 24 | per 100 hands. | |
| | | Handkerchiefs..... | 12 | each. | |
| | | Jack-knives..... | 20 | do. | |
| | | Needles..... | 50 | per 1,000. | |
| | | Razors..... | 20 | each. | |
| | | Razor straps..... | 12 | do. | |

STATEMENT—Continued.

370

| Name. | Date. | Article contracted for. | At what price. | | Where to be delivered. |
|--------------------------|---------------|------------------------------|----------------|---------------|--------------------------------|
| Joseph L. Savage..... | May 23, 1860 | Ribbon, hat..... | \$0 60 | per piece. | Boston, New York, and Norfolk. |
| | | Soap, shaving..... | 35 | per dozen. | |
| | | Silk, sewing..... | 4 00 | per pound. | |
| | | Scissors..... | 14 | each. | |
| | | Spoons..... | 5 | do. | |
| | | Thread, black and white..... | 85 | per pound. | |
| | | Tape, white..... | 30 | per dozen. | |
| | | Tape, black..... | 16 | do. | |
| | | Thimbles..... | 1 | each. | |
| Thomas J. Leland..... | Aug. 8, 1860 | 2,000 barrels navy beef..... | 12 41 | per barrel... |  | Boston. |
| Cragin & Co..... | Aug. 8, 1860 | 2,000 barrels navy beef..... | 13 33 | do..... | New York. |
| Cragin & Co..... | Aug. 8, 1860 | 1,500 barrels navy beef..... | 13 83 | do..... | Norfolk. |
| James M. McCulloh..... | Aug. 7, 1860 | 2,000 barrels navy pork..... | 18 73 | do..... | Boston. |
| James M. McCulloh..... | Aug. 7, 1860 | 2,000 barrels navy pork..... | 18 43 | do..... | New York. |
| James M. McCulloh..... | Aug. 7, 1860 | 1,000 barrels navy pork..... | 18 93 | do..... | Norfolk. |
| CHARTER PARTIES. | | | | | |
| Ship Mary Glover..... | Jan. 23, 1860 | Freight of stores..... | 2 41 | do..... | To Valparaiso, Chili. |
| Bark Cochituate..... | Mar. 24, 1860 |do..... | 1 89 | do..... | To Loando, Africa. |
| Bark Cossack..... | Apr. 17, 1860 |do..... | 2 50 | do..... | To Hong Kong, China. |
| Schooner Broadfield..... | Apr. 23, 1860 |do..... | 94 | do..... | To Key West, Florida. |
| Schooner Tugwassa..... | June 7, 1860 |do..... | 1 19 | do..... | To Key West, Florida. |
| Bark Don Pedro II..... | Sept 29, 1860 |do..... | 2 73 | do..... | To Hong Kong, China. |

NAVY DEPARTMENT,
Bureau of Provisions and Clothing.

REPORT OF THE

No. 6.

NAVY DEPARTMENT,
Bureau of Medicine and Surgery, October 19, 1860.

SIR: In compliance with your instructions of August 15, I have the honor to submit estimates of the amount required for the support of the Bureau of Medicine and Surgery and the medical department of the Navy, (with the exception of hospitals,) for the fiscal year ending June 30, 1862.

The fiscal condition of the medical department is represented as follows:

| | |
|---|-------------|
| Balance of former appropriations remaining in the Treasury, June 30, 1860..... | \$11,295 55 |
| Appropriations for surgeons' necessaries and appliances, per act of Congress approved June 22, 1860..... | 35,600 00 |
| Amount of hospital fund in Treasury, June 30, 1860..... | 114,852 40 |
| Amount required for the support of the Bureau of Medicine and Surgery, for the year ending June 30, 1862 (Schedule A) | 9,990 00 |
| Amount required for the support of the medical department of the Navy, on shipboard, and all naval stations, with the exception of hospitals, for the year ending June 30, 1862 (Schedule B)..... | 35,550 00 |

I submit tabular statement of sick, compiled from the reports of sick from the naval stations within the United States, and from the squadrons and vessels on separate service in commission, on home and foreign stations, for the year ending December 31, 1859.

These tables exhibit the predominant diseases to which seamen are liable; the sickness incident to the various stations on which our public vessels are employed; the ratio of mortality among the sick; as well as the proportion of cases of sickness and death to the whole number engaged in the naval service.

Tabular statements of sick, compiled from the reports of sick, from the naval stations within the United States and from squadrons and vessels on separate service, in commission on home and foreign stations, for the year ending December 31, 1859.

| | Remaining sick December 31, 1858. | Admitted 1859. | Discharged, 1859. | Died 1859. | Total treated 1859. | Remaining sick December 31, 1859. | Percentage of deaths to whole number of cases treated. |
|---|-----------------------------------|----------------|-------------------|------------|---------------------|-----------------------------------|--|
| HOSPITALS. | | | | | | | |
| Chelsea | 9 | 139 | 132 | 8 | 148 | 8 | 5.40 |
| New York..... | 44 | 359 | 317 | 6 | 403 | 80 | 1.48 |
| Philadelphia..... | 11 | 149 | 132 | 14 | 160 | 14 | 8.75 |
| Norfolk..... | 15 | 120 | 114 | 7 | 135 | 14 | 5.18 |
| Pensacola | 8 | 104 | 102 | 6 | 112 | 4 | 5.35 |
| | 87 | 871 | 797 | 41 | 958 | 120 | 4.28 |
| NAVY-YARDS. | | | | | | | |
| Portsmouth, N. H..... | 1 | 107 | 107 | 1 | 108 | | 0.92 |
| Boston..... | 3 | 180 | 179 | | 183 | 4 | |
| New York..... | 4 | 175 | 174 | | 179 | 5 | |
| Philadelphia..... | 1 | 195 | 189 | | 196 | 7 | |
| Washington..... | 13 | 360 | 361 | 3 | 373 | 9 | 0.83 |
| Norfolk..... | 7 | 253 | 253 | | 260 | 7 | |
| Pensacola | 2 | 282 | 281 | | 284 | 3 | |
| Naval Academy, Annapolis. | 2 | 326 | 324 | | 328 | 4 | |
| National Observatory and special service..... | 2 | 54 | 56 | | 56 | | |
| | 35 | 1,932 | 1,924 | 4 | 1,967 | 30 | 0.20 |
| RECEIVING SHIPS. | | | | | | | |
| Boston..... | 8 | 191 | 189 | 1 | 199 | 9 | 0.50 |
| New York | 14 | 180 | 190 | | 194 | 4 | |
| Philadelphia..... | 7 | 210 | 207 | 1 | 217 | 9 | 0.46 |
| Baltimore | 11 | 74 | 76 | | 85 | 9 | |
| Norfolk..... | 2 | 135 | 135 | 1 | 137 | 1 | 0.73 |
| Mare Island..... | | 33 | 33 | | 33 | | |
| | 42 | 823 | 830 | 3 | 865 | 32 | 0.34 |

Tabular statements of sick, &c.—Continued.

| SQUADRONS, &c. | Average number employed in 1859. | Remaining sick December 31, 1858. | Admitted 1859. | Discharged 1859. | Died 1859. | Total treated 1859. | Remaining sick December 31, 1859. | Proportion of cases to number of persons in squadron. | Proportion of deaths to number of persons in squadron. | Percentage of deaths to number of cases treated. |
|------------------------------|----------------------------------|-----------------------------------|----------------|------------------|------------|---------------------|-----------------------------------|---|--|--|
| Home squadron..... | 2,352 | 45 | 3,568 | 3,525 | 13 | 3,613 | 75 | 1.53 | 0.55 | 0.36 |
| Pacific squadron..... | 1,828 | 52 | 1,753 | 1,692 | 11 | 1,805 | 102 | 0.99 | 0.60 | 0.61 |
| Mediterranean squadron..... | 881 | 39 | 1,033 | 1,054 | 5 | 1,072 | 13 | 1.21 | 0.56 | 0.47 |
| Brazil squadron..... | 694 | 19 | 683 | 678 | 10 | 702 | 14 | 1.01 | 1.44 | 1.57 |
| African squadron..... | 1,121 | 28 | 1,061 | 1,036 | 4 | 1,089 | 49 | 0.97 | 0.36 | 0.37 |
| East India squadron..... | 1,400 | 88 | 2,172 | 2,185 | 19 | 2,260 | 56 | 1.62 | 1.36 | 0.84 |
| Paraguay expedition..... | 513 | 36 | 643 | 677 | 2 | 679 | ..... | 1.35 | 0.39 | 0.29 |
| Store-ships..... | 88 | 25 | 187 | 207 | ..... | 212 | 5 | 1.63 | ..... | ..... |
| Special service..... | 98 | ..... | 125 | 124 | 1 | 125 | ..... | 1.28 | 1.02 | 0.80 |
| Coast and river surveys..... | 67 | ..... | 47 | 46 | 1 | 47 | ..... | 0.70 | 1.49 | 2.12 |
| Lakes..... | 90 | ..... | 135 | 134 | 1 | 135 | ..... | 1.50 | 1.01 | 0.74 |
| | 9,132 | 332 | 11,407 | 11,357 | 67 | 11,739 | 315 | 1.28 | 0.73 | 0.57 |

Tabular statements of sick, &c.—Continued.

RECAPITULATION.

| | Remaining sick December 31, 1858. | Admitted 1859. | Discharged 1859. | Died 1859. | Total treated 1859. | Remaining sick December 31, 1859. | Per centage of deaths to whole number of cases treated. |
|-------------------------------------|-----------------------------------|----------------|------------------|------------|---------------------|-----------------------------------|---|
| Hospitals | 87 | 871 | 797 | 41 | 958 | 120 | 4.28 |
| Navy-yards | 35 | 1,932 | 1,924 | 4 | 1,967 | 39 | 0.20 |
| Receiving ships..... | 42 | 823 | 830 | 3 | 865 | 32 | 0.34 |
| Squadrons, special service, &c..... | 332 | 11,407 | 11,357 | 67 | 11,739 | 315 | 0.57 |
| | 496 | 15,033 | 14,908 | 115 | 15,529 | 506 | 0.74 |

Summary of prevalent forms of disease on foreign and home service, &c., for the year 1859.

| | Home squadron, 2,352 men. | Pacific squadron, 1,828 men. | Mediterranean squadron, 881 men. | Brazil squadron, 808 men. | African squadron, 1,121 men. | East India squadron, 1,400 men. | Paraguay expedition, 1,485 men. | Lakes, 100 men. |
|--|---------------------------|------------------------------|----------------------------------|---------------------------|------------------------------|---------------------------------|---------------------------------|-----------------|
| Febrile diseases..... | 913 | 265 | 78 | 58 | 91 | 545 | 46 | 13 |
| Diseases of digestive system..... | 630 | 311 | 246 | 212 | 170 | 354 | 187 | 48 |
| respiratory system..... | 336 | 166 | 210 | 100 | 208 | 154 | 66 | 38 |
| circulatory system..... | 60 | 32 | 2 | 13 | 8 | 4 | 9 | 1 |
| brain and nervous system. | 120 | 76 | 24 | 35 | 28 | 22 | 21 | 4 |
| cutaneous and cellular system..... | 455 | 187 | 101 | 81 | 138 | 175 | 75 | 7 |
| fibrous, muscular, and osseous system..... | 271 | 197 | 99 | 78 | 130 | 152 | 60 | 3 |
| genito-urinary system | 169 | 199 | 158 | 90 | 55 | 226 | 46 | 1 |
| eye and ear..... | 52 | 29 | 10 | 15 | 33 | 92 | 6 | 3 |
| Wounds and injuries..... | 455 | 234 | 106 | 109 | 163 | 210 | 78 | 16 |

At the close of the year 1858, there remained under treatment 496 cases; during the year 1859, there occurred 15,033 cases of disease, injury, &c.; making a total of 15,529 cases treated during the year. Of which number 115 died, 14,908 were returned to duty or discharged the service; leaving 506 cases under treatment at the end of the year 1859.

The average strength of the Navy, (officers, seamen, marines, and engineer corps included,) for the year 1859, as nearly as can be ascertained, was about 11,895.

The proportion of cases admitted to the whole number of persons in the service, was about 1.26; or each person was on the sick list $1\frac{2}{10}\%$ times during the year. The proportion of deaths to the whole number in service, was 0.96; and the percentage of deaths to the whole number of cases, is 0.74, or one death in about 135 cases.

I have much satisfaction in referring to the very favorable sanitary condition of the Navy, exhibited by these statistics, and especially to the small proportion of deaths; for, when the influence of constantly changing climate is considered, and the unfavorable circumstances under which grave disease is treated on shipboard, these results attest the skill and efficiency of the medical corps, as well as a proper attention to all measures tending to the preservation of health.

The vessels composing the African squadron continue to exhibit a very small ratio of mortality, in despite of the many surroundings of the station prejudicial to health and life.

During the year 1859, the Vincennes, with a complement of 175 persons, reports no death, and a daily sick list of about three.

The Marion, with a complement of 130, had no death, and a daily sick list of two.

In the Home squadron, the flag-ship Roanoke, with a complement of 580, reports three deaths, and a daily sick list of sixteen.

The Savannah, with a complement of 328, reports two deaths, and a daily sick list of twenty.

The St. Louis, with a complement of 174, reports one death, and a daily sick list of eight.

The Jamestown, with a complement of 200, had no death, and a daily sick list of ten.

The Saratoga, with a complement of 198, had no death, and a daily sick list of seven.

Fever, in its various forms, is endemic to the localities visited by vessels of the Home squadron, and it is quite remarkable, in view of their long detention in ports of this insalubrious region, even with all hygienic and medical precautions, that we are able to maintain such a standard of health and efficiency.

In the Mediterranean squadron, the Macedonian, with a complement of 296 persons, reports two deaths, and a daily sick list of nine.

In the East India squadron, the Mississippi, with a complement of 300, reports four deaths, and a daily sick list of twelve.

The Powhatan, with a complement of 304, reports one death, and a daily sick list of thirteen.

The Germantown, with a complement of 196, reports ten deaths, and a daily sick list of eleven. The sickness and mortality on board

this vessel is to be ascribed, it is believed, to her long detention on public service in the Cauton river, where, owing to the low alluvial banks and surrounding rice fields, the atmosphere is constantly pervaded by malaria, tending to the production of various forms of disease.

In the Pacific squadron, the flag-ship Merrimack, with a complement of 570, reports two deaths, and a daily sick list of nineteen.

The Saranac, with a complement of 225, reports one death, and a daily sick list of nine.

The St. Mary's, with a complement of 182, reports two deaths and a daily sick list of five.

The Vandalia, with a complement of 180, reports no death, and a daily sick list of six.

The Cyane, with a complement of 171, reports two deaths, and a daily sick list of seven.

This station is so extensive, and embraces such a variety of climates, as to divest disease of special attributes, except that the vessels about Panama and on the west coast of Central America, are as subject to endemic fevers as those on the eastern slope of the coast.

In the Brazil squadron, the brig Perry, with a complement of 87, reports one death, and a daily sick list of three.

The brig Bainbridge, with a complement of 89, reports three deaths, and a daily sick list of three.

The brig Dolphin, with a complement of 78, had no death, and a daily sick list of two.

HOSPITAL FUND.

The condition of the hospital fund is reported as follows:

| | |
|--|-------------------|
| Balance remaining on hand June 30, 1859..... | \$122,539 17 |
| Transfers made by Fourth Auditor, in settlement of accounts, &c..... | 16,317 62 |
| Transfers on account of supplies from the Naval Laboratory to vessels and navy-yards | 7,997 59 |
| | <hr/> |
| Amount of fund for the year ending June 30, 1860..... | 146,854 38 |
| Expended during the year ending June 30, 1860..... | 32,001 98 |
| | <hr/> |
| Balance remaining on hand July 1, 1860..... | <u>114,852 40</u> |

Naval hospitals are supported exclusively from this fund, which is maintained by a monthly deduction of twenty cents from the pay of officers, seamen, and marines, by the transfer of pensions of such persons as commute pensions for support in the Naval Asylum, and of the cost price of the rations of sick subsisted in hospitals.

The expense, per week, of the hospital patients for the year ending June 30, 1859, has been \$2 42, under all the heads coming under the cognizance of this bureau.

NAVAL LABORATORY.

This establishment continues to meet all demands, and to answer satisfactorily the purpose for which it was established. In addition to its regular duties, it affords valuable aid to other departments of the Navy, in the way of analysis, or other careful examination of various articles offered under contract, whose composition and quality could not be determined by mere physical inspection.

| | |
|--|------------|
| -Amount purchased for laboratory for the year ending June 30, 1860 | \$9,833 20 |
| Value of issues from laboratory for same term..... | 9,317 02 |
| Stock on hand, machinery and appliances, June 30, 1860... | 23,809 56 |

INSANE OF THE NAVY.

On September 30, 1859, two officers, nine seamen, and two marines, remained under treatment in the Government Hospital for the Insane, near this city. During the year ending September 30, 1860, one officer, four seamen, three marines, and one musician, were admitted; four seamen and one musician were discharged, and one seaman died; leaving in the hospital, September 30, 1860, three officers, two seamen, and three marines.

MEDICAL CORPS OF THE NAVY.

I beg leave to invite the attention of the honorable Secretary of the Navy to the following extracts from my report of last year, exhibiting the necessity for some addition to the number of medical officers authorized by existing laws, or the adoption of such other measures as will better adapt the medical corps to the current demands of the service:

“The medical corps is restricted, by act of Congress of August, 1842, to sixty-nine surgeons and eighty passed and other assistant surgeons; yet there is very great deduction to be made from this number, on account of the advanced age and infirmity of many members of the corps.

“It is estimated that at least ten surgeons, or about one seventh of the entire number, and nearly an equal number of assistant surgeons, are no longer able to perform sea-service; and as their share of duty is necessarily imposed upon the remainder of the corps, it will be seen how imperatively some measure of relief is needed to secure to medical officers the customary indulgence, or relaxation from duty. The number of medical officers established by the act of 1842, was sufficient for the Navy, as constituted at that period; but the great increase of steamers and small vessels of late years has brought no corresponding increase of medical officers, so that the present defective corps is required to perform duties too numerous for its strength, if all its members were able to perform their share of work.

“There are, upon the list of surgeons and assistant surgeons, officers who have not been to sea for upwards of twenty years, and who never

will be able to perform a cruise; yet while they occupy a place upon the numerical roll, the promotion of young and efficient men is deferred.

"I have no hesitation in saying that the medical corps, under its present organization, is insufficient for the current demands of the service; and while the Navy is constantly expanding, age and the vicissitudes of naval life are surely adding to the embarrassments under which the medical department labors.

"The necessity for additional medical officers has been repeatedly brought to the notice of the department and though the appeal has thus far met with no success, its importance requires that I should respectfully invite the attention of the honorable Secretary once more to the subject."

The experience of another year confirms the opinion heretofore expressed, and makes still more manifest the great deficiency of assistant surgeons. The increase of small vessels in the Navy renders the service of this grade of officers particularly arduous; they are scarcely ever allowed a reasonable respite after a cruise; never the usual term of duty at shore stations.

It is obvious that the organization of the medical department is not adapted to the existing condition of the Navy; for while the number of officers is not even stationary, as it is annually diminished, in fact, by the inroads of age and infirmity, the occasions for their employment are constantly becoming more numerous. Eighteen assistant surgeons, or nearly a fourth of the whole number authorized, have resigned their commissions in less than five years, mainly on account of the constant pressure for duty on shipboard; and it seems to me only reasonable to believe that we shall continue to lose those whose experience and acquirements it would be to the advantage of the government to retain, unless some measures are adopted to render their condition in the service less laborious.

The Naval Committee of the Senate, at the last session, reported in favor of an addition of ten surgeons and ten assistant surgeons; but, in my judgment, twenty additional assistant surgeons are needed for the present and immediate prospective wants of the Navy.

Such an increase would afford the ready means of relieving officers, as well as of meeting the constantly occurring contingencies of the service. It would secure to the younger members of the corps an opportunity of acquiring valuable experience in our hospitals, and also enable them to share the indulgence usually extended by the department to officers at the expiration of a cruise.

No contracts have been made by the bureau during the year.

W. WHELAN.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

A.

Estimate of appropriations under the cognizance of the Bureau of Medicine and Surgery, for the support of said bureau, required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the fiscal year ending June 30, 1861. |
|---|---|---|--|
| <i>Salaries.</i> | | | |
| Salary of the chief of the bureau, per act of Congress approved March 3, 1855, Statutes at Large, 2d session 33d Congress, page 675..... | \$3,500 00 | | |
| Salary of one clerk of the fourth class, assistant to chief, per act of March 3, 1853, Statutes at Large, 2d session 32d Congress, page 211..... | 1,800 00 | | |
| Salaries of two clerks of the second class, at \$1,400 each, per acts of March 3, 1853, Statutes at Large, 2d session 32d Congress, page 211; April 22, 1854, Statutes at Large, 1st session 33d Congress, page 276; and August 4, 1854, Statutes at Large, 1st session 33d Congress, page 572..... | 2,800 00 | | |
| Salary of messenger, per joint resolution of August 18, 1856, Statutes at Large, 1st session 34th Congress, page 145..... | 840 00 | | |
| Salary of laborer, per joint resolution of August 18, 1856, Statutes at Large, 1st session 34th Congress, page 145..... | 600 00 | | |
| | \$9,540 00 | | |
| <i>Contingent expenses.</i> | | | |
| Blank-books, stationery, and miscellaneous items..... | 450 00 | | |
| Total required for support of bureau | 9,990 00 | | \$9,990 00 |

W. WHELAN, *Chief of Bureau of Medicine and Surgery.*

B.

Estimates of appropriations under the cognizance of the Bureau of Medicine and Surgery required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the fiscal year ending June 30, 1861. |
|---|---|---|--|
| SURGEONS' NECESSARIES AND APPLIANCES. | | | |
| For the support of the medical department of vessels in commission, navy-yards, naval stations, marine corps, and Coast Survey, as follows: | | | |
| <i>Sailing vessels—30.</i> | | | |
| Two frigates, at \$1,000 each..... | \$2,000 00 | | |
| Three razee sloops, at \$700 each..... | 2,100 00 | | |
| Nine sloops-of-war, at \$600 each..... | 5,400 00 | | |
| Three brigs, at \$250 each..... | 750 00 | | |
| Three store-ships, at \$200 each..... | 600 00 | | |
| Three permanent store-ships, at \$100 each..... | 300 00 | | |
| Three receiving ships-of-the-line, at \$400 each..... | 1,200 00 | | |
| Three receiving ships, sloops-of-war, at \$200 each..... | 600 00 | | |
| One practice ship, Naval Academy, at \$200..... | 200 00 | | |
| | \$13,150 00 | | |
| <i>Steam vessels—31.</i> | | | |
| Two screw steam frigates, at \$1,000 each..... | 2,000 00 | | |
| Six screw steam sloops, first class, at \$800 each..... | 4,800 00 | | |
| Eight screw steam sloops, second class, at \$600 each..... | 4,800 00 | | |
| Five screw steam sloops, third class, at \$400 each..... | 2,000 00 | | |
| Two steam tenders, at \$50 each..... | 100 00 | | |

\$10,000 00

| | | | | |
|--|----------|-----------|-----------|-------------|
| Four side-wheel steamers, first class, at \$800 each..... | 3,200 00 | | | |
| Four side-wheel steamers, third class, at \$400 each..... | 1,600 00 | | | |
| | | 18,500 00 | | |
| <i>Navy-yards—8.</i> | | | | |
| Portsmouth, New Hampshire..... | 150 00 | | | |
| Boston, Massachusetts..... | 150 00 | | | |
| New York, New York..... | 150 00 | | | |
| Philadelphia, Pennsylvania..... | 150 00 | | | |
| Washington, District of Columbia, and marine barracks..... | 1,200 00 | | | |
| Norfolk, Virginia..... | 150 00 | | | |
| Pensacola, Florida..... | 150 00 | | | |
| Mare Island, California..... | 100 00 | | | |
| | | 2,200 00 | | |
| <i>Naval stations—2.</i> | | | | |
| Naval Academy, Annapolis, Maryland..... | 400 00 | | | |
| Observatory and general relief of officers..... | 400 00 | | | |
| | | 800 00 | | |
| <i>Coast Survey.</i> | | | | |
| Twelve steam and sailing vessels, at \$75 each..... | 900 00 | 900 00 | | |
| Total required..... | | 35,550 00 | 10,000 00 | \$35,600 00 |

W. WHELAN, *Chief of the Bureau of Medicine and Surgery.*

No. 7.

HEADQUARTERS MARINE CORPS,
Washington, November 3, 1860.

SIR: I have the honor to report that I have recently inspected all the marine stations except Pensacola.

At Portsmouth, New Hampshire, the barracks are in good repair. An arcade in front of the barracks would in that cold climate add very much to the comfort of the men, and I recommend that one be constructed.

At Boston the barracks are so much out of repair they can no longer be made comfortable. I therefore urgently request that new quarters for both officers and men may be built upon the site of the old ones.

The barracks under construction at Brooklyn are far advanced, and doubtless will soon be completed.

At Philadelphia there is only the usual wear of barracks to be provided for.

At Norfolk the barracks are not suited to their present use, and, as the plan of the yard has been changed since they were erected, they interfere with the construction of a street which the commandant of the yard wishes to open. A suitable site can be procured adjacent to the yard at a fair valuation. Its location is healthy, and the water front much needed for naval purposes. I recommend that it be purchased, and quarters for the accommodation of the officers and men may be built upon it.

At Headquarters the barracks have recently been put in good repair; therefore, there is only the usual wear to be provided for.

The corps is generally full, or nearly so, and at the different stations the recruits are being drilled and prepared as rapidly as possible for active service. But our numbers are so small that it is impossible to impart to the officers and men as correct a knowledge of the infantry drill and of the light and heavy artillery practice as we wish, before we are obliged to send them on active duty at sea and on shore, which defect can be remedied only by an increase of numbers. I therefore respectfully and earnestly recommend that the department shall ask for an increase of seven captains, fourteen first lieutenants, six second lieutenants, and 932 privates, with a proportional number of non-commissioned officers and musicians to enable us to meet the urgent wants of the service.

A general return of the Marine Corps, showing the disposition of the officers and men, will accompany this report.

I am, sir, very respectfully, yours,

JOHN HARRIS,
Colonel Commandant.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

General return of the officers, non-commissioned officers, musicians, and privates of the United States Marine Corps on the 31st day of October, 1860.

| Stations, &c. | Colonel commandant. | Commissioned staff. | Lieutenant colonel. | Majors. | Captains. | First lieutenants. | Second lieutenants. | Non-commissioned staff. | First sergeants. | Sergeants. | Corporals. | Musicians. | Drummers. | Fifers. | Boys learning music. | Privates. | Aggregate. | Remarks. |
|---|---------------------|---------------------|---------------------|---------|-----------|--------------------|---------------------|-------------------------|------------------|------------|------------|------------|-----------|---------|----------------------|-----------|------------|---|
| Headquarters | 1 | 3 | | | | | | 4 | | | | | | | | | 8 | Washington city marine barracks: colonel commandant, the adjutant and inspector, paymaster and quartermaster. |
| Marine barracks, Washington..... | | | | | 1 | 1 | 4 | | 1 | 8 | 4 | 28 | 5 | 6 | 9 | 117 | 184 | October 31, 1860—Lieut. George P. Houston joined by appointment 30th instant. |
| Guard at the navy-yard, District of Columbia..... | | | | | 2 | 1 | 1 | | 1 | 1 | 3 | | 1 | 1 | | 31 | 38 | October 31, 1860. |
| Brooklyn, New York..... | | | | | | | | | 1 | 3 | 5 | | 3 | 1 | | 57 | 74 | September 30, 1860—One drummer acting bugler; Lieut. Heywood under orders to join the sloop Cumberland as junior marine officer. |
| Charlestown, Massachusetts..... | | | | 1 | 1 | | 1 | | 1 | 5 | 6 | | 2 | 1 | | 81 | 99 | September 30, 1860—Subsequently one drummer, one fifer, and two privates joined at headquarters, Washington; Captain Kintzing under orders to join the sloop Cumberland as the commanding marine officer; Lieutenant Schermerhorn to sloop Vandalia as commanding marine officer. |
| Gosport, Virginia..... | | | 1 | | 1 | 1 | | | 1 | 6 | 7 | | 2 | 2 | | 50 | 71 | September 30, 1860—Subsequently Lieutenant H. B. Tyler, jr., commissioned a first lieutenant, and under orders to join the sloop Saratoga as the commanding marine officer. |
| Philadelphia, Pennsylvania..... | | | | 1 | | 1 | 1 | | 1 | 7 | 6 | | 2 | 1 | | 79 | 99 | September 30, 1860—Subsequently three privates joined at headquarters, Washington. |
| Portsmouth, New Hampshire..... | | | | | 1 | | 3 | | 1 | 3 | 3 | | 1 | 1 | | 39 | 52 | September 30, 1860. |
| Warrington, Florida..... | | | | | 1 | | 2 | | 1 | 4 | 2 | | | 1 | | 39 | 50 | September 30, 1860—Lieut. Stark under orders to Norfolk, Virginia, preparatory to joining the sloop Germantown. |
| Assistant quartermaster's office, Philadelphia..... | | 1 | | | | | | | | | | | | | | | 1 | September 30, 1860. |
| Receiving ship Pennsylvania..... | | | | | 1 | | | | 1 | 1 | 3 | | 1 | 1 | | 30 | 38 | September 30, 1860. |
| Receiving ship Ohio..... | | | | | | | | | 1 | | 4 | | | | | 22 | 27 | September 30, 1860. |
| Receiving ship North Carolina..... | | | | | | 1 | | | 1 | 2 | 2 | | 1 | 1 | | 33 | 41 | September 30, 1860. |
| Receiving ship Alleghany..... | | | | | | | | | 1 | | 1 | | | | | 11 | 13 | September 30, 1860. |
| Receiving ship Princeton..... | | | | | | | | | 1 | | 2 | | | | | 14 | 17 | September 30, 1860. |
| Steamer Niagara..... | | | | | | 1 | 1 | | 1 | 2 | 4 | | 1 | 1 | | 40 | 51 | July 31, 1860. |
| Steamer San Jacinto..... | | | | | | 1 | | | 1 | | 3 | | 1 | | | 22 | 28 | July 31, 1860—Subsequently five privates detached. |

General return of the officers, &c.—Continued.

| Stations, &c. | Colonel commandant. | Commissioned staff. | Lieutenant colonel. | Majors. | Captains. | First lieutenants. | Second lieutenants. | Non-commissioned staff. | First sergeants. | Sergeants. | Corporals. | Musicians. | Drummers. | Fifers. | Boys learning music. | Privates. | Aggregate. | Remarks. |
|---------------------------|---------------------|---------------------|---------------------|---------|-----------|--------------------|---------------------|-------------------------|------------------|------------|------------|------------|-----------|---------|----------------------|-----------|------------|---|
| Steamer Lancaster..... | | | | | 1 | 1 | | | 1 | 2 | 4 | | 1 | 1 | | 36 | 47 | August 31, 1860. |
| Steamer Brooklyn..... | | | | | | 1 | | | 1 | 1 | 3 | | 1 | 1 | | 36 | 44 | August 31, 1860. |
| Steamer Hartford..... | | | | | 1 | 1 | | | 1 | 1 | 3 | | 1 | 1 | | 36 | 45 | June 30, 1860. |
| Steamer Richmond..... | | | | | | 1 | | | 1 | 1 | 2 | | | | | 30 | 35 | Joined from Gosport, Virginia, September 27, 1860. |
| Steamer Susquehanna..... | | | | | | 1 | 1 | | 1 | 2 | 4 | | 1 | 1 | | 40 | 51 | September 30, 1860. |
| Steamer Powhatan..... | | | | | | 1 | | | 1 | 2 | 4 | | 1 | 1 | | 36 | 46 | September 30, 1860. |
| Steamer Saranac..... | | | | | | 1 | | | 1 | 1 | 3 | | 1 | 1 | | 16 | 24 | September 30, 1860. |
| Steamer Pawnee..... | | | | | | 1 | | | 1 | | 2 | | 1 | 1 | | 20 | 26 | Joined from Philadelphia, Pennsylvania, September 4, 1860. |
| Steamer Pocahontas..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | September 30, 1860. |
| Steamer Mohawk..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | September 30, 1860. |
| Steamer Wyoming..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | August 31, 1860. |
| Steamer Sumpter..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | December 31, 1859. |
| Steamer Mystic..... | | | | | | | | | 1 | | 1 | | | | | 7 | 9 | July 31, 1860. |
| Steamer Wyandott..... | | | | | | | | | 1 | | 2 | | | | | 9 | 12 | September 30, 1860. |
| Steamer Narragansett..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | July 31, 1860. |
| Steamer Crusader..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | September 30, 1860. |
| Steamer Mohican..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | November 30, 1859. |
| Steamer Dacotah..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | August 31, 1860. |
| Steamer Iroquois..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | August 31, 1860. |
| Steamer Seminole..... | | | | | | | | | 1 | | 2 | | | | | 10 | 13 | August 31, 1860. |
| Frigate Congress..... | | | | | 1 | 1 | | | 1 | 2 | 4 | | 1 | 1 | | 40 | 51 | August 31, 1860. |
| Frigate Sabine..... | | | | | | 1 | | | 1 | 2 | 4 | | 1 | 1 | | 38 | 48 | August 31, 1860. |
| Sloop Savannah..... | | | | | | 1 | | | 1 | 1 | 3 | | 1 | 1 | | 33 | 41 | August 31, 1860. |
| Sloop Constellation..... | | | | | | 1 | | | 1 | 1 | 3 | | 1 | 1 | | 36 | 44 | July 31, 1860—Subsequently one private transferred to sloop Marion. |
| Sloop Plymouth..... | | | | | | | | | | | | | | | | 3 | 3 | September 30, 1860—Subsequently one sergeant, two corporals, one drummer, one fifer, and eight privates joined at headquarters, Washington. |
| Sloop Portsmouth..... | | | | | | | | | 1 | | 2 | | 1 | 1 | | 19 | 24 | May 31, 1860—Subsequently two privates joined at Brooklyn, New York, via prize brig Falmouth. |
| Sloop St. Mary's..... | | | | | | 1 | | | 1 | 1 | 2 | | 1 | | | 14 | 20 | September 30, 1860. |
| Sloop John Adams..... | | | | | | | 1 | | 1 | | 2 | | 1 | 1 | | 20 | 26 | April 30, 1860. |
| Sloop St. Louis..... | | | | | | 1 | 1 | | 1 | | 2 | | 1 | 1 | | 20 | 26 | September 30, 1860. |
| Sloop Cyane..... | | | | | | 1 | | | 1 | | 2 | | 1 | 1 | | 20 | 26 | September 30, 1860. |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|----|----|----|---|----|----|-----|----|----|----|---|-------|-------|----|----|---|
| Sloop Levant..... | | | | | | 1 | | | | 1 | | | 2 | | 1 | 1 | | 20 | 26 | July 31, 1860—Two privates under orders from New York via steamer Wyoming. |
| Sloop Marlon..... | | | | | | | | | | 1 | | | 2 | | | | 1 | 10 | 14 | September 30, 1860—Subsequently one drummer joined at headquarters, Washington. |
| Brig Bainbridge..... | | | | | | | | | | | | | 1 | | | | | 7 | 8 | June 31, 1860. |
| Brig Dolphin..... | | | | | | | | | | | | | 1 | | | | | 7 | 8 | March 31, 1860—Subsequently one private transferred to frigate Congress. |
| Awaiting discharge..... | | | | | | | | | | | 1 | 2 | | | | | | 3 | 6 | Transferred from steamer Powhatan to ship Independence, at Mare Island, California, March 31, 1860. |
| Under orders..... | | | | | | | | | | | 3 | 4 | | 2 | 3 | | | 26 | 38 | From headquarters, Washington, to Philadelphia and Portsmouth, New Hampshire; one of the drummers and fifers to the steamer Richmond. |
| Sick in New York..... | | | | | 1 | | | | | | | | | | | | | | 1 | Major Macomber from June 30, 1859. |
| Rendezvous at Philadelphia, Pennsylvania..... | | | | | | | | | | 1 | | | | | | | | | 1 | Lieut. William S. Boyd. |
| On sick leave..... | | | | | 1 | 1 | 1 | | | | | | | | | | | | 3 | Major English, from January 7, 1860; Captain Daughy, from March 16, 1860; Lieut. Henderson, from September 19, 1860. |
| On detached service..... | | | | | | 1 | | | | | | | | | | | | | 1 | Captain Shuttleworth, superintending the construction of the marine barracks at Brooklyn, New York. |
| Total..... | 1 | 4 | 1 | 4 | 13 | 20 | 20 | 4 | 46 | 63 | 139 | 28 | 39 | 37 | 9 | 1,347 | 1,775 | | | |

Mr. Edward Jones, late first lieutenant in the Marine Corps, resigned October 22, 1860; resignation accepted same day.

HEADQUARTERS OF THE MARINE CORPS,
Adjutant and Inspector's Office, Washington, November 2, 1860.

H. B. TYLER, *Adjutant and Inspector.*

HEADQUARTERS MARINE CORPS,
Washington, September 10, 1860.

SIR: I inclose to the department Major Russell's detailed estimate for pay and subsistence of the officers, and pay of the enlisted men, and for undrawn clothing from July 1, 1861, to June 30, 1862.

I am, sir, very respectfully, yours,

JNO. HARRIS,
Colonel Commandant.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

HEADQUARTERS MARINE CORPS,
Paymaster's Office, September 10, 1860.

SIR: I inclose to you herewith estimates in triplicate for pay and subsistence of officers, pay of non-commissioned officers, musicians, and privates of the United States marine corps for the fiscal year ending June 30, 1862.

The estimates now submitted are the same in amount as those presented for the last fiscal year.

I am, sir, very respectfully, your obedient servant,

WM. W. RUSSELL,
Paymaster United States Marine Corps.

Colonel JOHN HARRIS,
*Commandant United States
 Marine Corps, Headquarters.*

Detailed estimate of pay and subsistence of officers, pay of non-commissioned officers, musicians, and privates of the United States Marine Corps, and pay for undrawn clothing, &c., from July 1, 1861, to June 30, 1862.

| Rank and grade. | Number. | PAY. | | | SUBSISTENCE. | | | Aggregate. | |
|---|---------|----------------|--|--|--------------|--|--|------------|------------|
| | | Pay per month. | Number of servants, at \$11 per month. | Number of servants, at \$12 per month. | Total. | Number of rations, at 30 cents per ration. | Number of extra or double rations, at 30 cents per ration. | | Total. |
| Colonel commandant..... | 1 | \$95 00 | 2 | | \$1,404 00 | 6 | 6 | \$1,314 | \$2,718 00 |
| Lieutenant colonel..... | 1 | 80 00 | 2 | | 1,224 00 | 5 | 5 | 1,095 | 2,319 00 |
| Majors..... | 4 | 70 00 | 2 | | 4,416 00 | 4 | 4 | 3,504 | 7,920 00 |
| Paymaster, adjutant and inspector, and quartermaster..... | 3 | 80 00 | | 2 | 3,744 00 | 4 | | 1,314 | 5,058 00 |
| Assistant quartermaster..... | 1 | 70 00 | | 1 | 984 00 | 4 | | 438 | 1,422 00 |
| Captains, commanding posts and at sea..... | 8 | 70 00 | 1 | | 7,776 00 | 4 | 4 | 7,008 | 14,784 00 |
| Captains..... | 5 | 60 00 | 1 | | 4,260 00 | 4 | | 2,190 | 6,450 00 |
| First lieutenants, commanding guards of squadrons at sea..... | 3 | 60 00 | 1 | | 2,556 00 | 4 | 4 | 2,628 | 5,184 00 |
| First lieutenants..... | 17 | 50 00 | 1 | | 12,444 00 | 4 | | 7,446 | 19,890 00 |
| Second lieutenants..... | 20 | 45 00 | 1 | | 13,440 00 | 4 | | 8,760 | 22,200 00 |
| Sergeant major and quartermaster sergeant..... | 2 | 24 00 | | | 576 00 | | | | 576 00 |
| Drum major and fife major..... | 2 | 22 00 | | | 528 00 | | | | 528 00 |
| Orderly sergeants of posts and guards at sea..... | 40 | 22 00 | | | 10,560 00 | | | | 10,560 00 |
| Sergeants, first enlistment..... | 56 | 17 00 | | | 11,424 00 | | | | 11,424 00 |
| Sergeants, second enlistment..... | 36 | 19 00 | | | 8,208 00 | | | | 8,208 00 |
| Corporals, first enlistment..... | 87 | 13 00 | | | 13,572 00 | | | | 13,572 00 |
| Corporals, second enlistment..... | 45 | 15 00 | | | 8,100 00 | | | | 8,100 00 |
| Drummers and fifers, first enlistment..... | 20 | 12 00 | | | 2,880 00 | | | | 2,880 00 |
| Drummers and fifers, second enlistment..... | 40 | 14 00 | | | 6,720 00 | | | | 6,720 00 |
| Privates, first enlistment..... | 1,168 | 11 00 | | | 154,176 00 | | | | 154,176 00 |

ESTIMATE—Continued.

| Rank and grade. | Number. | PAY. | | | SUBSISTENCE. | | Aggregate. | |
|--|---------|----------------|--|--|--------------|--|------------|--|
| | | Pay per month. | Number of servants, at \$11 per month. | Number of servants, at \$12 per month. | Total. | Number of rations, at 30 cents per ration. | | Number of extra or double rations, at 30 cents per ration. | Total. |
| Privates, second enlistment..... | 400 | \$13 00 | | | \$62,400 00 | | | \$62,400 00 |
| Clerks to colonel commandant, paymaster, adjutant and inspector, quartermaster, and assistant quartermaster..... | 10 | | | | 10,830 30 | | | 10,830 30 |
| Hospital steward and nurse in hospital..... | 2 | *1 50 | | | 1,095 00 | | | 1,095 00 |
| Messenger to commandant and staff at headquarters..... | 1 | | | | 809 50 | | | 809 50 |
| Messenger to assistant quartermaster's office, Philadelphia..... | 1 | *1 00 | | | 365 00 | | | 365 00 |
| Additional rations to officers for five years' service..... | | | | | | 180 | \$19,710 | 19,710 00 |
| Bounty for reënlistment—non-commissioned officers..... | | | | | 1,119 00 | | | 1,119 00 |
| Bounty for reënlistment—musicians and privates..... | | | | | 4,125 00 | | | 4,125 00 |
| Officer's servants, at \$11 50 per month for clothing and rations..... | | | | | | | 9,936 | 9,936 00 |
| Undrawn clothing..... | | | | | | | 9,000 | 9,000 00 |
| Additional pay to musicians of the band, per act August 18, 1856..... | | | | | 1,200 00 | | | 1,200 00 |
| | | | | | 350,935 80 | | 74,343 | 425,278 80 |

Respectfully submitted.

* Per day.

HEADQUARTERS MARINE CORPS,
Paymaster's Office, September 4, 1860.

WM. W. RUSSELL,
Paymaster United States Marine Corps.

HEADQUARTERS MARINE CORPS,
 Washington, September 10, 1860.

SIR: I inclose to the department Major Slack's detailed estimate for the quartermaster's department of the Marine Corps for the year commencing July 1, 1861, and ending June 30, 1862.

I am, sir, very respectfully, yours,

JNO. HARRIS,
Colonel Commandant.

HON. ISAAC TOUCEY,
Secretary of the Navy.

HEADQUARTERS MARINE CORPS,
 Quartermaster's Office, Washington, September 10, 1860.

SIR: I have the honor to transmit herewith triplicate estimates for the support of the quartermaster's department Marine Corps, for one year, commencing July 1, 1861, and ending June 30, 1862. These estimates, in the aggregate, are \$32,166 less than those submitted last year. This is accounted for by leaving out of the present estimates the sum of \$40,000 asked for in the last, to supply deficiency under the head of clothing. The item of clothing is increased \$7,834 in consequence of estimating for each man the sum of \$40 per annum, instead of \$36. This increase is caused by the advanced price of material from which the clothing of the corps is manufactured, and the increased cost of making, as also estimating for 650 watch-coats, at \$9 each, in place of 700 at \$8 each, as heretofore.

I am, sir, very respectfully, your obedient servant,

W. B. SLACK,
Quartermaster Marine Corps.

COL. JOHN HARRIS,
Com'g Marine Corps, Headquarters.

Estimate of the expenses of the Quartermaster's Department of the Marine Corps for one year, from July 1, 1861, to June 30, 1862.

There will be required for the quartermaster's department of the Marine Corps for one year, commencing on July 1, 1861, in addition to the balances then remaining on hand, the sum of \$242,291 25 :

| | |
|---|-------------|
| 1. For provisions.. .. . | \$71,759 00 |
| 2. For clothing..... | 81,690 00 |
| 3. For fuel..... | 22,342 25 |
| 4. For military stores, viz: Pay of armorers, repair of arms, purchase of accouterments, ordnance stores, flags, drums, fifes, and other instruments..... | 12,000 00 |
| 5. For transportation of officers and troops, and for expenses of recruiting..... | 14,000 00 |

| | |
|---|------------|
| 6. For repair of barracks and rent of offices, where there are no public buildings..... | \$8,000 00 |
| 7. For contingencies, viz: Freight, ferriage, toll, cartage, wharfage, purchase and repair of boats, compensation to judges advocate, per diem for attending courts-martial, courts of inquiry, and for constant labor, house rent in lieu of quarters, burial of deceased marines, printing, stationery, postage, telegraphing, apprehension of deserters, oil, candles, gas, repair of gas and water fixtures, water rent, forage, straw, barrack furniture, furniture for officers' quarters, bedsacks, spades, shovels, axes, picks, carpenters' tools, keep of a horse for the messenger, pay of matron, washerwoman, and porter at the hospital, headquarters, repairs to fire engine, purchase and repair of engine hose, purchase of lumber for benches, mess tables, bunks, &c., repairs to public carryall, purchase and repair of harness, scavengering, galleys and cooking stoves for mess rooms, stoves where there are no grates, gravel, &c., for parade grounds, repairs of pumps, furniture for staff and commanding officers' offices, brushes, brooms, buckets, paving, and for other purposes..... | 32,500 00 |
| | 242,291 25 |

Respectfully submitted.

W. B. SLACK,
Quartermaster Marine Corps.

PROVISIONS.

| For whom required. | Enlisted men. | Washerwomen. | Matron. | Total. | Rations at 20 cents per day. | Amount. |
|--|---------------|--------------|---------|--------|------------------------------|-------------|
| Non-commissioned officers, musicians, privates, and washerwomen..... | 948 | 33 | ..... | 981 | 1 | \$71,613 00 |
| Matron and washerwoman at hospital headquarters..... | | 1 | 1 | 2 | 1 | 146 00 |
| | | | | | | 71,759 00 |

CLOTHING.

| For whom required. | Enlisted men. | Amount. |
|---|---------------|------------------|
| Non-commissioned officers, musicians, and privates, at \$40 per annum | 1,896 | \$75,840 00 |
| 650 watch coats, at \$9 each..... | | 5,850 00 |
| | | <u>81,690 00</u> |

FUEL.

| For whom required. | Number. | Amount. | Total. |
|--|---------|-------------------|--------------------|
| | | <i>Cords. ft.</i> | <i>Cords. ft.</i> |
| Commandant | 1 | 36 4 | 36 4 |
| Lieutenant colonel | 1 | 29 4 | 29 4 |
| Majors..... | 4 | 29 4 | 118 0 |
| Staff majors..... | 3 | 29 4 | 88 4 |
| Staff captains | 1 | 24 6 | 24 6 |
| Captains..... | 12 | 24 6 | 297 0 |
| Lieutenants, first and second..... | 24 | 16 4 | 396 0 |
| Non-commissioned officers, musicians, privates, washerwomen, and servants..... | 1,031 | 1 4 | 1,546 4 |
| Matron to hospital headquarters..... | 1 | 1 4 | 1 4 |
| Hospital headquarters | 1 | 33 0 | 33 0 |
| Hospitals at other posts..... | 5 | 16 4 | 82 4 |
| Armory at headquarters..... | 1 | 30 0 | 30 0 |
| Mess rooms for officers..... | 7 | 3 4 | 24 4 |
| Offices of commandant and staff and commanding officers of posts..... | 15 | 7 0 | 105 0 |
| Officers of days' rooms..... | 7 | 3 4 | 24 4 |
| Guard rooms at barracks and navy-yards | 9 | 21 0 | 189 0 |
| Stores for clothing and other supplies | 3 | 5 0 | 15 0 |
| One fourth additional on 600 cords, the quantity supposed to be required in latitude north of 39°..... | | | 150 0 |
| Amount required..... | | | <u>3,191 6</u> |
| Which, at \$7 per cord, is..... | | | <u>\$22,342 25</u> |

Schedule of bids received by Quartermaster Marine Corps, for rations for 1860, under advertisement of September 22, 1859.

| Names of bidders. | Residence. | Portsmouth, N. H. | Boston, Mass. | Brooklyn, N. Y. | Philadelphia, Pa. | Washington, D. C. | Norfolk, Va. | Warrington, Fla. | Remarks. |
|--------------------------|------------------------|----------------------|-----------------|--------------------|----------------------|----------------------|-----------------|---------------------|-----------|
| | | <i>Per 100.</i> | <i>Per 100.</i> | <i>Per 100.</i> | <i>Per 100.</i> | <i>Per 100.</i> | <i>Per 100.</i> | <i>Per 100.</i> | |
| Benj. Carter, Jr | Portsmouth, N. H..... | \$18 65 | \$18 65 | | | | | | Informal. |
| J. Carroll | Philadelphia, Pa..... | | | \$25 00.8 | \$25 00.1 | | | | |
| C. P. Knapp | Warrington, Fla..... | | | | | | | \$26 00 | |
| Jas. E. Jones..... | Norfolk, Va..... | | | | | | \$19 99 | | |
| Mullett & Bradbury | Charlestown, Mass..... | 20 99 | 19 24 | | | | | | |
| D. F. Keeling..... | Norfolk, Va..... | | | | | | 19 74 | | |
| P. Higgins..... | Boston, Mass..... | 20 98 | 17 87½ | | | | | | |
| A. P. Hoover..... | Washington, D. C..... | | | | 24 50 | \$16 49 | 25 00 | 29 50 | |
| S. Reckless..... | Philadelphia, Pa..... | | | 26 20 | 25 80 | | | | |
| Browning & Keating | Washington, D. C..... | | | | | 22 00 | | | |
| King & Burchell | Washington, D. C..... | | | | | 17 24 | | | |

QUARTERMASTER'S OFFICE UNITED STATES MARINE CORPS, September 17, 1860.

W. B. SLACK, Quartermaster Marine Corps.

Schedule of bids received by Quartermaster Marine Corps, for supplies for 1860, under advertisement of October 21, 1859.

| Names of bidders. | Uniform caps. | Pompons. | Stocks. | Epaulettes. | Straps. | Sashes. | Linen for pants. | Dark blue kersey. | Sky blue kersey. | Linen for shirts. | Army boots. | Blankets. | Socks. | Fatigue caps. | Flannel for shirts. | Flannel for oversacks. | Scarlet cloth. | Blue cloth. |
|---|---------------|----------|---------|-------------|---------|---------|------------------|-------------------|------------------|-------------------|-------------|-----------|--------|---------------|---------------------|------------------------|----------------|-------------|
| Wm. J. McCoy..... | *\$3 00 | | | | | | | | | | | | | | | | | |
| Emerson Gaylord | | | | | | | | | | | | | | | | | | |
| Jas. T. Ames..... | | | | | | | | | | | | | | | | | | |
| Cronin, Hurxthal & Sears | | | | | | | ‡0 69 | ‡1 95 | ‡1 55 | ‡0 69 | | ‡2 09 | ‡3 20 | | ‡0 59 | ‡1 18 | ‡2 70 | ‡2 57 |
| Klemm & Bro..... | | | | | | | | | | | | | | | | | | |
| Horstmann, Bro. & Co..... | 3 10 | \$0 18 | | \$1 87 | ‡1 87 | \$1 75 | | | | | | | | \$1 75 | | | | |
| † R. H. Bolster..... | | | | | | | 65 | | | 65 | | | | | | | | |
| Wm. Matthews..... | 3 40 | 19 | | | | | 57 | 3 80 | 3 35 | 62 | | 3 40 | \$ 48 | 1 29 | 63 | 1 26 | 2 91 | 3 26 |
| Peter Higgins..... | | | | | | | 64 | 1 93‡ | 1 87 | 62‡ | ‡2 50 | 3 25 | | | 58 | 1 16 | 2 68‡ | 3 25 |
| A. P. Hoover..... | | | | | | | 35 | 2 50 | 2 25 | 80 | ‡2 30 | 3 12 | \$ 30 | | 58 | 1 18 | | 3 20 |
| † 352 Callowhill street, Philadelphia | | 18 | \$0 45 | | | 1 90 | | | | | | | | 1 60 | | | | |

* With pompons.

† Informal.

‡ Per yard.

‖ Per dozen.

§ Per pair.

SCHEDULE OF BIDS—Continued.

| Names of bidders. | Canton flannel. | Waist plates. | Waist belts with frogs. | Cartridge boxes. | Cup pouches. | Bayonet scabbards. | Sergeants' swords. | Musicians' swords. | Tenor drums. | Flies. | Drum cords. | Drum snares. | Batter heads. | Snare heads. | Sword frogs. | Musket slings. | Haversacks and canteens. | Bass drum-heads. |
|--|-----------------|---------------|-------------------------|------------------|--------------|--------------------|--------------------|--------------------|--------------|--------|-------------|--------------|---------------|--------------|--------------|----------------|--------------------------|------------------|
| Wm. J. McCoy | | | \$1 00 | \$1 18 | \$0 38 | \$0 42 | | | | | | | | | \$0 25 | \$0 12 | | |
| Emerson Gaylord | | | | | | | | | | | | | | | | | | |
| Jas. T. Ames | | \$0 12 | | | | | \$5 50 | \$4 40 | | | | | | | | | | |
| \|\| Cronin, Hurxthal & Sears..... | | | | | | | | | | | | | | | | | | |
| Klemm & Bro..... | | | | | | | | | | | | | | | | | | |
| Horstmann, Bro. & Co..... | | 40 | 87 | 1 12 | 43 | 62 | 6 75 | 6 75 | \$7 00 | \$ 80 | \$0 40 | \$0 13 | 40 | \$1 25 | \$0 75 | 75 | 25 | \$1 50 |
| § R. H. Bolster..... | \$0 12 | | | | | | | | | | | | | | | | | |
| Wm. Mathews..... | 13.3 | | | 1 29 | 59 | 52 | | | | | | | | | | | | |
| Peter Higgins..... | | | | | | | | | | | | | | | | | | |
| A. P. Hoover..... | 12 | | | | | | | | | | | | | | | | | |
| § 352 Callowhill street, Philadelphia..... | | 50 | 88 | | 42 | | | | | | | 35 | 1 20 | 70 | | 40 | | \$3 75 |

* Per dozen.

† Per set.

‡ Each.

|| Failed to enter into contract.

§ Informal.

Opened in the presence of—

JOHN HARRIS.
COL. COMMOT.
GEO. H. TERRETT, *Brevet Major of Marines.*

W. B. SLACK, *Quartermaster Marine Corps.*

QUARTERMASTER'S OFFICE UNITED STATES MARINE CORPS, September 17, 1860.

Schedule of existing contracts, quartermaster's department, United States Marine Corps, for rations, clothing, &c.

| Names of contractors. | Residences. | Date of contract. | Time of expiration. | Place of delivery. | Articles, quantities, prices, &c. |
|-------------------------|-----------------------|-------------------|---------------------|-----------------------|--|
| Peter Higgins..... | Boston, Mass..... | Nov. 1, 1859 | Dec. 31, 1860 | Portsmouth, N. H. . | All the rations that may be required, at \$20 98 per 100 rations. |
| Peter Higgins..... | do..... | do..... | do..... | Boston, Mass..... | Do. do. do. 17 87½ do. |
| John Carrell..... | Philadelphia, Pa..... | Nov. 28, 1859 | do..... | Brooklyn, N. Y..... | Do. do. do. 25 80 do. |
| A. P. Hoover..... | Washington, D. C..... | Nov. 1, 1859 | do..... | Philadelphia, Pa..... | Do. do. do. 24 50 do. |
| A. P. Hoover..... | do..... | do..... | do..... | Washington, D. C..... | Do. do. do. 16 49 do. |
| D. F. Keeling..... | Norfolk, Va..... | do..... | do..... | Norfolk, Va..... | Do. do. do. 19 74 do. |
| C. P. Knapp..... | Pensacola, Fla..... | do..... | do..... | Warrington, Fla..... | Do. do. do. 25 00 do. |
| A. P. Hoover..... | Washington, D. C..... | Dec. 1, 1859 | do..... | Philadelphia, Pa..... | Army boots, \$2 30 per pair; dark blue flannel, 58 cents per yard. (for shirts.) |
| Peter Higgins..... | Boston, Mass..... | do..... | do..... | do..... | Dark blue kersey, \$1 93 per yard; dark blue flannel, \$1 16 per yard, (for oversacks:); scarlet cloth, \$2 68½ per yard; dark blue cloth, \$2 55 per yard; canton flannel 9½ cents per yard. |
| Wm. J. McCoy..... | Philadelphia, Pa..... | do..... | do..... | do..... | Uniform caps complete, \$3 each. |
| John Fell..... | New York..... | Dec. 27, 1859 | do..... | do..... | Leather stocks, 48 cents each. |
| A. P. Hoover..... | Washington, D. C..... | do..... | do..... | do..... | Blankets, \$3 12 each; woolen socks, 30 cents per pair. |
| Peter Higgins..... | Boston, Mass..... | do..... | do..... | do..... | Sky blue kersey, \$1 87 per yard. |
| Wm. Mathews..... | New York..... | Dec. 1, 1859 | do..... | do..... | White linen for pants, 57 cents per yard; white linen for shirts, 62 cents per yard; fatigue caps with covers, \$1 29 each. |
| Horstmann, Bros., & Co. | Philadelphia, Pa..... | do..... | do..... | do..... | Epaulettes, \$1 87 per pair; red worsted sashes, \$1 75 each; waist belts with frogs, 87 cents each; tenor drums, \$7 each; cartridge boxes, \$1 12 each; drum cords, 40 cents each; batter drum heads, \$1 25 each; snare heads, 75 cents each. |
| Klemm & Bro..... | do..... | do..... | do..... | do..... | Fifes, \$5 per dozen; snares, 13½ cents per set. |
| Emerson Gaylord..... | Chicopee, Mass..... | do..... | do..... | do..... | Percussion cap pouches, 38 cents each; bayonet scabbards, 42 cents each, sword frogs, 25 cents each; musket slings, 22 cents each. |
| Jas. T. Ames..... | do..... | do..... | do..... | do..... | Sergeants' swords, \$5 50 each; music swords, \$4 40; brass waist plates, 18 cents per set. |
| Horstmann, Bros., & Co. | Philadelphia, Pa..... | do..... | do..... | do..... | Half inch yellow binding, 3½ cents per yard; 3-16 inch red cord, 2 cents per yard. |
| Jacob Reed..... | do..... | do..... | do..... | do..... | Manufacturing watch coats, \$2 50 each; sergeants uniform coats, \$4 25 each; music and privates' uniform coats, \$3 56 each; fatigue coats, \$1 75 each; sergeants' woolen pants, 87 cents per pair; woolen pants, 75 cents per pair; linen pants, 55 cents per pair; drawers, 15 cents per pair; flannel shirts, 25 cents each; flannel oversacks, 50 cents each; linen shirts, 25 cents each. |

QUARTERMASTER'S OFFICE UNITED STATES MARINE CORPS, September 17, 1860.

W. B. SLACK, Quartermaster Marine Corps.

SECRETARY OF THE NAVY.

Schedule of bids received by Quartermaster Marine Corps, for wood and coal, under advertisement dated June 2, 1860.

| Names. | Portsmouth, N. H. | | Boston, Mass. | | Brooklyn, N. Y. | | Philadelphia, Pa. | | Washington, D. C. | | Norfolk, Va. | | Warrington, Fla. | |
|----------------------------|-------------------|----------------|-----------------|----------------|-----------------|----------------|-------------------|----------------|-------------------|----------------|-----------------|----------------|------------------|----------------|
| | Wood, per cord. | Coal, per ton. | Wood, per cord. | Coal, per ton. | Wood, per cord. | Coal, per ton. | Wood, per cord. | Coal, per ton. | Wood, per cord. | Coal, per ton. | Wood, per cord. | Coal, per ton. | Wood, per cord. | Coal, per ton. |
| Peters & Reed | | | | | | | | | | | \$5 00 | \$6 25 | | |
| Thomas J. Hobday | | | | | | | | | | | 4 70 | 5 55 | | |
| Robert Todd | | | \$8 00 | \$6 00 | | | | | | | | | | |
| T. Edward Clark | | | | | | | | | \$3 10 | \$4 55 | | | | |
| Philip Otterback, jr. | | | | | | | | | 4 48 | | | | | |
| S. A. H. Marks, jr. | | | | | | | | | | 4 75 | | | | |
| William Day | | \$7 23 | | | | | | | | | | | | |
| George H. Oneal | | | | | | | | | | | | | | |
| John Loughlin | | | | | \$6 12 | \$5 33 | | | | | | | \$4 55 | \$12 00 |
| H. V. Niemeyer | | | | | | | | | | | 6 50 | 6 25 | | |
| W. P. Frost | \$6 73 | 7 79 | | | | | | | | | | | | |
| Castleman & Bro. | | | | | | | | | 4 94 | 4 95 | | | | |
| T. J. & W. M. Galt | | | | | | | | | 4 95 | 4 90 | | | | |
| Alexander Convery | | | | | | | | | | | | | | |
| Burke & McGranahan | | | | | | | \$6 10 | \$4 80 | | | | | | |
| John O. Varrell | 7 95 | 7 45 | | | | | | 4 00 | | | | | | |
| Williams & Jolly | | | | | | | | | 4 83 | 4 73 | | | | |
| John Muchmore | | | | | 7 00 | 5 30 | | | | | | | | |
| Frank Zantzinger | | | | | | | | | | | 4 49 | 6 39 | | |
| William Day | | 6 94 | | | | | | | | | | | | |

Opened in presence of—

JOHN HARRIS, Colonel Commandant.
H. B. TYLER, Adjutant and Inspector.
G. H. TERRETT, Brevet Major.

QUARTERMASTER'S OFFICE UNITED STATES MARINE CORPS, September 17, 1865.

W. B. SLACK, Quartermaster Marine Corps.

Schedule of contracts for fuel for the Marine Corps for the year ending June 30, 1861.

| Names of contractors. | Place of residence. | Date of contract. | Stations supplied. | What period. | Coal, per ton. | Wood, per cord. |
|---------------------------|------------------------------|-------------------|------------------------------|--------------------------------|----------------|-----------------|
| W. P. Frost..... | Durham, New Hampshire.... | July 28, 1860 | Portsmouth, New Hampshire. | Fiscal year 1860 and 1861..... | | \$6 73 |
| William Day..... | Portsmouth, New Hampshire. | July 17, 1860 |do..... | do..... | \$6 94 | |
| Robert Todd..... | Charlestown, Massachusetts.. | July 17, 1860 | Charlestown, Massachusetts.. | do..... | 6 00 | 8 00 |
| John Loughlin..... | Brooklyn, New York..... | July 24, 1860 | Brooklyn, New York..... | do..... | | 6 12 |
| John Muchmore..... | do..... | July 24, 1860 | do..... | do..... | 5 30 | |
| Burke & McGranahan..... | Philadelphia, Pennsylvania.. | July 20, 1860 | Philadelphia, Pennsylvania.. | do..... | 4 00 | |
| Alexander Convery..... | do..... | Aug. 30, 1860 | do..... | do..... | | 6 10 |
| Philip Otterback, jr..... | Washington, Dist. Columbia.. | July 21, 1860 | Washington, Dist. Columbia.. | do..... | | 4 48 |
| T. Edward Clark..... | do..... | July 17, 1860 | do..... | do..... | 4 55 | |
| Frank Zantzing..... | Norfolk, Virginia..... | July 21, 1860 | Gosport, Virginia..... | do..... | | 4 49 |
| Peters & Reed..... | Portsmouth, Virginia..... | July 21, 1860 | do..... | do..... | 6 25 | |
| George H. Oneal..... | Warrington, Florida..... | July 25, 1860 | Warrington, Florida..... | do..... | | 4 45 |

QUARTERMASTER'S OFFICE UNITED STATES MARINE CORPS, September 17, 1860.

WILLIAM B. SLACK,
Quartermaster Marine Corps,

SECRETARY OF THE NAVY.

No. 8.

General estimate of the sums required for the support of the office of the Secretary of the Navy, and the several bureaus of the Navy Department, for the fiscal year ending June 30, 1862.

| Office or bureau. | Salaries | Contingent. |
|--|-------------|-------------|
| Office of the Secretary of the Navy..... | \$29,600 00 | \$2,840 00 |
| Bureau of Ordnance and Hydrography | 12,340 00 | 750 00 |
| Bureau of Yards and Docks | 14,140 00 | 800 00 |
| Bureau of Construction, Equipment, and Repair..... | 21,340 00 | 800 00 |
| Bureau of Provisions and Clothing | 8,840 00 | 700 00 |
| Bureau of Medicine and Surgery | 9,540 00 | 450 00 |
| | 95,800 00 | 6,340 00 |

RECAPITULATION.

CIVIL.

| | |
|------------------|-------------|
| Salaries | \$95,800 00 |
| Contingent | 6,340 00 |

APPROPRIATED FOR THE FISCAL YEAR 1860-61.

| | |
|----------------------|-------------|
| For salaries..... | \$95,800 00 |
| For contingent | 6,340 00 |

No. 9.

General estimate of the sums required for the support of the Southwest Executive Building for the fiscal year ending June 30, 1862.

CIVIL.

| | |
|---------------------|---------|
| For salaries..... | \$2,400 |
| For contingent..... | 3,913 |

Appropriated for fiscal year 1860-61.

| | |
|---------------------|---------|
| For salaries..... | \$2,400 |
| For contingent..... | 3,913 |

Summary estimate of appropriations, under the cognizance of the Navy Department, required for the fiscal year ending June 30, 1862.

| Hheads of appropriations. | Office of the Secretary of the Navy. | Bureau of Yards and Docks. | Bureau of Ordnance and Hydrography. | Bureau of Construction, Equipment, and Repair. | Bureau of Provisions and Clothing. | Bureau of Medicine and Surgery. | Aggregates. |
|---------------------------------|--------------------------------------|----------------------------|-------------------------------------|--|------------------------------------|---------------------------------|----------------|
| NAVY PROPER. | | | | | | | |
| Pay of the Navy..... | \$596,960 00 | \$307,384 00 | \$274,959 00 | \$3,259,274 00 | | | \$4,438,577 00 |
| Repair, equipment, &c | | | | 2,580,000 00 | | | 2,580,000 00 |
| Fuel for the Navy | | | | 540,000 00 | | | 540,000 00 |
| Purchase of hemp, &c | | | | 300,000 00 | | | 300,000 00 |
| Ordnance and ordnance stores .. | | | 327,500 00 | | | | 327,500 00 |
| Provisions..... | | | | | \$1,042,850 00 | | 1,042,850 00 |
| Surgeons' necessaries, &c | | | | | | \$35,550 00 | 35,550 00 |
| Contingent, enumerated..... | | 481,000 00 | | 350,000 00 | 68,000 00 | | 899,000 00 |
| | 596,960 00 | 788,384 00 | 602,459 00 | 7,029,274 00 | 1,110,850 00 | 35,550 00 | 10,163,477 00 |
| MARINE CORPS. | | | | | | | |
| Pay..... | | | | | | | \$425,278 80 |
| Provisions..... | | | | | | | 71,759 00 |
| Clothing | | | | | | | 81,690 00 |
| Fuel | | | | | | | 22,342 25 |
| Military stores | | | | | | | 12,000 00 |
| Transportation, &c | | | | | | | 14,000 00 |
| Repairs of barracks, &c..... | | | | | | | 8,000 00 |
| Contingent, enumerated..... | | | | | | | 32,500 00 |
| | | | | | | | 667,570 05 |

| Heads or titles of appropriations. | Office of the Secretary of the Navy. | Bureau of Yards and Docks. | Bureau of Ordnance and Hydrography. | Bureau of Construction, Equipment, and Repair. | Bureau of Provisions and Clothing. | Bureau of Medicine and Surgery. | Aggregate. |
|------------------------------------|--------------------------------------|----------------------------|-------------------------------------|--|------------------------------------|---------------------------------|--------------|
| SPECIAL OBJECTS. | | | | | | | |
| <i>Navy-yards.</i> | | | | | | | |
| Portsmouth, New Hampshire | | \$10,000 00 | | | | | |
| Boston | | 15,000 00 | | | | | |
| New York | | 20,000 00 | | | | | |
| Philadelphia | | 15,000 00 | | | | | |
| Washington | | 10,000 00 | | | | | |
| Norfolk | | 46,797 00 | | | | | |
| Pensacola | | 10,000 00 | | | | | |
| Mare Island, California | | 20,000 00 | | | | | |
| Sackett's Harbor | | 1,000 00 | | | | | |
| | | | | | | | \$147,797 00 |
| <i>Hospitals.</i> | | | | | | | |
| Portsmouth, New Hampshire | | 12,378 00 | | | | | |
| Boston | | 2,500 00 | | | | | |
| New York | | 16,100 00 | | | | | |
| Philadelphia, (Asylum) | | 40,600 00 | | | | | |
| Washington | | 1,000 00 | | | | | |
| Norfolk | | 8,000 00 | | | | | |
| Pensacola | | 27,500 00 | | | | | |
| | | | | | | | 108,078 00 |
| <i>Magazines.</i> | | | | | | | |
| Boston | | 5,400 00 | | | | | |
| Washington | | 6,000 00 | | | | | |
| Norfolk | | 12,500 00 | | | | | |
| Pensacola | | 47,000 00 | | | | | |
| | | | | | | | 70,900 00 |

| <i>Miscellaneous.</i> | | | | | | | |
|--|-------------|------------|-------------|-------------|--|--|------------|
| Pay of superintendents, &c..... | | 148,104 00 | | | | | |
| Naval Observatory..... | | | \$29,000 00 | | | | |
| Naval Academy..... | | | 49,567 25 | | | | |
| Nautical Almanac..... | | | 25,880 00 | | | | |
| Seven propellers, &c..... | | | | \$91,439 82 | | | |
| Engraving charts Behring's Straits expedition..... | \$11,672 00 | | | | | | |
| For error in estimate for "payment of the charter or purchase of vessels for the Paraguay expedition....." | 418 89 | | | | | | |
| | 12,090 89 | 148,104 00 | 104,447 25 | 91,439 82 | | | 356,081 96 |
| | | | | | | | 682,856 96 |

AGGREGATE—NAVY.

| | |
|--------------------|-----------------------------|
| Navy proper..... | \$10,163,477 00 |
| Marine Corps..... | 667,570 05 |
| Special objects— | |
| Navy-yards..... | \$147,797 00 |
| Hospitals..... | 108,078 00 |
| Magazines..... | 70,900 00 |
| Miscellaneous..... | 356,081 96 |
| | <u>682,856 96</u> |
| | <u><u>11,513,904 01</u></u> |

No. 11.—General estimate of appropriations, under the cognizance of the Navy Department, for the support of the Navy, required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the fiscal year ending June 30, 1861. |
|---|---|---|--|
| For pay of commission, warrant, and petty officers and seamen, including the engineer corps..... | \$4,438,577 00 | ..... | \$4,574,725 90 |
| For provisions for commission, warrant, and petty officers and seamen, including engineers, and also marines attached to vessels for sea-service..... | 1,042,850 00 | ..... | 941,700 00 |
| For surgeons' necessaries and appliances for the sick and hurt of the navy, including the engineer and Marine Corps..... | 35,550 00 | \$10,000 00 | 35,600 00 |
| For the repair and equipment of vessels of the navy..... | 2,580,000 00 | ..... | 1,523,000 00 |
| For fuel for the navy..... | 540,000 00 | 300,000 00 | 840,000 00 |
| For the purchase of hemp and other materials for the navy..... | 300,000 00 | ..... | 300,000 00 |
| For ordnance and ordnance stores, including incidental expenses..... | 327,500 00 | ..... | *348,000 00 |
| For contingent expenses that may accrue for the following purposes, viz: freight and transportation; printing and stationery; advertising in newspapers; books, maps, models, and drawings; purchase and repair of fire-engines and machinery; repair of and attending to steam-engines in navy-yards; purchase and maintenance of horses and oxen, and driving teams; carts, timber-wheels, and the purchase and repair of workmen's tools; postage of public letters; fuel, oil, and candles for navy-yards and shore stations; pay of watchmen, and incidental labor not chargeable to any other appropriation; transportation to and labor attending the delivery of provisions and stores on foreign stations; wharfage, dockage, and rent; traveling expenses of officers and others under orders; funeral expenses; store and office rent; fuel; commissions and pay of clerks to navy agents and storekeepers; flags, awnings, and packing boxes; premiums and other expenses of recruiting; apprehending deserters; per diem pay to persons attending courts-martial, courts of inquiry, and other services authorized by law; pay to judges advocate; pilotage and towage of vessels, and assistance to vessels in distress; and for bills of health and quarantine expenses of vessels of the United States navy in foreign ports..... | 899,000 00 | ..... | 596,000 00 |
| | 10,163,477 00 | 310,000 00 | 9,159,025 90 |

* Including \$10,000 for saltpeter.

No. 12.

General estimate of appropriations under the cognizance of the Navy Department for the support of the Marine Corps, required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimates of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimates of the balances of appropriations unexpended on June 30, 1861, which may be applied to the service of the next fiscal year. | Appropriations for the service of the fiscal year ending June 30, 1861. |
|--|---|---|---|
| For pay of officers, non-commissioned officers, musicians, privates, clerks, servants, &c., rations and clothing for servants, additional rations to officers for five years' service, undrawn clothing and rations, bounties for reenlistments | \$425,278 80 | ..... | \$425,278 80 |
| For provisions | 71,759 00 | ..... | 71,579 00 |
| For clothing | 81,690 00 | ..... | *113,856 00 |
| For fuel | 22,342 25 | ..... | 22,342 25 |
| For military stores, viz: pay of armories, repair of arms, purchase of accouterments, ordnance stores, flags, drums, fifes, and other instruments | 12,000 00 | ..... | 12,000 00 |
| For transportation of officers and troops, and expenses of recruiting | 14,000 00 | ..... | 14,000 00 |
| For repair of barracks and rent of offices where there are no buildings for that purpose | 8,000 00 | ..... | 8,000 00 |
| For contingencies, viz: freight, ferriage, toll, cartage, wharfage; purchase and repair of boats; compensation to judges advocate; per diem for attending courts-martial, courts of inquiry, and for constant labor; house rent in lieu of quarters; burial of deceased marines; printing, stationery, postage, telegraphing; apprehension of deserters; oil, candles, gas; repairs of gas and water fixtures; water rent, forage, straw, barrack furniture, furniture for officers' quarters, bedsacks, spades, shovels, axes, picks, carpenter's tools; keep of a horse for the messenger; pay of a matron, washerwoman, and porter at the hospital headquarters; repairs to fire engine; purchase and repair of engine hose; purchase of lumber for benches, mess tables, bunks, &c; repairs to public carryall; purchase and repair of harness; scavengering; galleys and cooking stoves for mess rooms; stoves where there are no grates; gravel, &c., for parade grounds; repairs of pumps; furniture for staff and commanding officers' offices; brushes, brooms, buckets, paving, and for other purposes | 32,500 00 | ..... | 32,500 00 |
| | 667,570 05 | ..... | 699,736 05 |

*Including \$40,000 to refund over payments on account of this appropriation for former years.

General estimate of appropriations, under the cognizance of the Navy Department, for special objects, required for the service of the fiscal year ending June 30, 1862.

| Heads or titles of appropriations. | Estimate of appropriations required for the service of the fiscal year ending June 30, 1862. | Estimate of the balances of appropriations unexpended on June 30, 1861, which may be applied to the services of the next fiscal year. | Appropriations for the service of the fiscal year ending June 30, 1861. |
|--|--|---|---|
| For the preservation of works and for the current repairs at the several navy-yards..... | \$147,797 00 | \$43,000 00 | \$177,926 00 |
| For the construction and completion of works, and for the current repairs at the several naval hospitals and dependencies, including Naval Asylum, Philadelphia..... | 108,078 00 | 15,500 00 | 170,420 00 |
| For the construction and completion of ordnance works, and for the current repairs at the several naval magazines..... | 70,900 00 | 18,500 00 | 18,432 00 |
| For the pay of superintendents, naval constructors, and all the civil establishments at the several navy-yards and stations..... | 148,104 00 | 75,000 00 | 148,604 00 |
| For the purchase of articles and for the incidental expenses connected with the Naval Observatory and Hydrographical Office, Washington..... | 29,000 00 | ..... | 34,000 00 |
| For the erection, repair, &c., of buildings, and for the contingent expenses of the Naval Academy, Annapolis..... | 49,567 25 | ..... | 57,096 00 |
| For preparing for publication the Nautical Almanac..... | 25,880 00 | ..... | 25,880 00 |
| For completing the seven screw sloops and side-wheel steamer authorized per act of June 12, 1858... | 91,439 82 | ..... | ..... |
| For completing and engraving the charts of the Bhering's Straits surveying expedition..... | 11,672 00 | ..... | 9,010 00 |
| For error in the estimate for payment of the charter or purchase of vessels for the Paraguay expedition..... | 418 89 | ..... | ..... |
| | 682,856 96 | 152,000 00 | 541,368 00 |

NOTE.—The amounts in the second column are those which will probably remain in the treasury on June 30, 1861; but as the work in progress at the several yards for which the appropriations were made will absorb these balances, they will not be available in the next year for objects other than those for which they were appropriated.

No. 14.

TREASURY DEPARTMENT,
Second Comptroller's Office, November 27, 1860.

SIR: I have the honor to transmit, in duplicate, a statement of the appropriations for the Navy Department for the fiscal year 1859-60, showing the balances of appropriations on the 1st of July, 1859; the appropriations made for the fiscal year 1859-60; the repayments and transfers in same time; the amounts applicable to the service of the year 1859-60; the amount drawn by requisitions from the Treasury for the same period; and, finally, the balances on the 30th of June, 1860, with such appropriations as have been carried to the surplus fund; prepared in pursuance of the act of Congress approved May 1, 1820.

Very respectfully, sir, your obedient servant,

J. MADISON CUTTS,
Comptroller.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

No. 14—Continued.

Statement of the appropriations for the service of the Navy Department from July 1, 1859, to June 30, 1860, made in pursuance of the provisions of the second section of the act of Congress of May 1, 1820, entitled "An act in addition to the several acts for the establishment of the Treasury, War, and Navy Departments."

| Heads of appropriations. | Balances of appropriations, July 1, 1859. | Appropriations for the fiscal year 1859-60. | Repayments from July 1, 1859, to June 30, 1860. | Amounts applicable to the service of fiscal year 1859-60. | Amounts drawn by requisitions from the Treasury during the fiscal year 1859-60. | Balances June 30, 1860. |
|--|---|---|---|---|---|-------------------------|
| Pay of the navy..... | \$1,038,032 27 | \$3,969,839 00 | \$509,510 66 | \$5,517,381 93 | \$4,677,385 36 | \$839,996 57 |
| Contingent expenses..... | 2,775 98 | 896,000 00 | 75,294 25 | 974,070 23 | 928,394 59 | 45,675 64 |
| Increase, repairs, &c..... | 475,988 48 | 1,000,000 00 | 566,283 04 | 2,042,271 52 | 2,033,127 82 | 9,143 70 |
| Fuel for the navy..... | | 600,000 00 | 3,265 39 | 603,265 39 | 335,570 91 | 267,694 48 |
| Ordnance and ordnance stores..... | | 563,000 00 | 181,250 99 | 644,250 99 | 296,006 83 | 348,244 16 |
| Purchase of hemp..... | | 300,000 00 | | 300,000 00 | 136,450 50 | 163,549 50 |
| Provisions for navy..... | 2,678 67 | 945,840 00 | 21,136 25 | 969,654 92 | 967,459 79 | 2,195 13 |
| Clothing for navy..... | 141,177 31 | | 326,979 76 | 468,157 67 | 168,980 52 | 299,176 55 |
| Naval Academy..... | 2,004 55 | 50,000 00 | | 52,004 55 | 51,334 41 | 670 14 |
| Nautical Almarac..... | 13,944 77 | 5,000 00 | 1,829 43 | 20,774 20 | 18,274 20 | 2,500 00 |
| Nautical instruments, books, &c..... | 49 49 | 25,000 00 | 2,905 22 | 27,954 71 | 19,143 50 | 8,811 21 |
| Contingent and wages at Observatory..... | 4,593 82 | 6,000 00 | 22 22 | 10,616 04 | 8,950 69 | 1,665 35 |
| Publishing wind and current charts..... | 27,136 67 | 15,000 00 | 1,258 99 | 43,395 66 | 12,146 11 | 31,249 55 |
| Publishing sailing directions..... | 18,184 96 | 7,000 00 | | 25,184 96 | 4,232 00 | 20,952 96 |
| Meteorological observations..... | 1,125 00 | | | 1,125 00 | 4,125 00 | |
| Arranging specimens of natural history..... | 5,798 11 | | | 5,798 11 | 562 70 | 5,235 41 |
| Charts of the La Plata, (publishing)..... | 9,860 01 | | | 9,860 01 | 5,468 52 | 4,391 49 |
| Exploration of the Parana, &c..... | 19,225 62 | | | 19,225 62 | 3,600 00 | 15,625 62 |
| Exploration and verification of ship canal near the Isthmus of Darien..... | 1,070 26 | | | 1,070 26 | 101 50 | 968 76 |
| Testing inventions for improvements in steam boilers..... | 3,865 06 | | 87 72 | 3,952 78 | 3,598 06 | 354 72 |
| Testing useful inventions..... | 8,803 28 | | 82 15 | 8,885 43 | 1,970 40 | 6,915 03 |
| Charter of the Toey-Wan, &c., act May 24, 1860..... | | 45,000 00 | | 45,000 00 | | 45,000 00 |

| | | | | | | |
|--|------------|------------|-----------|------------|------------|------------|
| Purchase or charter of vessels for the Paraguay expedition, act March 3, 1859..... | 67,548 00 | | | 67,548 00 | 64,691 39 | 2,856 61 |
| Arming and manning ordnance ship Plymouth..... | 18,841 99 | | 6,435 84 | 25,277 83 | | 25,277 83 |
| Six steam frigates..... | 808,069 46 | | 17,243 86 | 825,313 32 | 108,359 25 | 716,954 07 |
| Five steam sloops..... | 862,777 13 | | 297 44 | 863,074 57 | 670,109 53 | 192,965 04 |
| Steam screw propellers, and one side-wheel steamer..... | 200,802 99 | 674,000 00 | 2,451 57 | 877,254 56 | 814,244 08 | 63,010 48 |
| Stevens's war steamer..... | 79,475 09 | | | 79,475 09 | | 79,475 09 |
| Prize money to captors, &c..... | 27,822 77 | | | 27,822 77 | 2,000 00 | 25,822 77 |
| Navy hospital fund..... | 114,846 34 | | 37,880 04 | 152,726 38 | 39,694 81 | 113,031 57 |
| Surgeons' necessaries and appliances..... | 10,938 15 | 35,600 00 | 11,138 96 | 57,677 11 | 44,560 73 | 13,116 38 |
| Pay of superintendents, &c..... | 62,738 28 | 152,454 00 | 249 57 | 215,441 85 | 137,176 00 | 78,265 85 |
| Navy-yard, Portsmouth, New Hampshire..... | 49,043 42 | 10,000 00 | 97 34 | 59,140 76 | 42,966 46 | 16,174 30 |
| Navy-yard, Boston..... | 149,000 19 | 15,000 00 | 5,402 99 | 169,403 18 | 76,077 14 | 93,326 04 |
| Navy-yard, New York..... | 106,912 54 | 20,000 00 | 559 37 | 127,471 91 | 97,433 60 | 30,038 31 |
| Navy-yard, Philadelphia..... | 64,022 37 | 15,000 00 | 1,795 15 | 80,817 52 | 37,657 70 | 43,159 82 |
| Navy-yard, Washington..... | 74,541 31 | 10,000 00 | 257 58 | 84,798 89 | 71,591 05 | 13,207 84 |
| Navy-yard, Norfolk..... | 85,010 32 | 20,000 00 | 3,513 35 | 108,523 67 | 108,211 42 | 312 25 |
| Navy-yard, Pensacola..... | 130,007 17 | 10,000 00 | | 140,007 17 | 94,089 22 | 45,917 95 |
| Navy-yard, Mare Island..... | 146,037 39 | 20,000 00 | 9,945 14 | 175,982 53 | 126,541 56 | 49,440 97 |
| Navy-yard, Sackett's Harbor..... | 8 23 | 1,000 00 | | 1,008 23 | 1,008 23 | |
| Navy-yard, Blythe Island..... | 69,435 15 | | | 69,435 15 | 100 00 | 69,335 15 |
| Magazine, Portsmouth, New Hampshire..... | 41,883 52 | 46,497 00 | | 88,380 52 | 17,537 75 | 70,842 77 |
| Magazine, Boston..... | 6,632 67 | 2,500 00 | 727 46 | 9,860 13 | 3,324 10 | 6,536 03 |
| Magazine, New York..... | 29,656 76 | 8,000 00 | | 37,656 76 | 4,096 00 | 33,560 76 |
| Magazine, Philadelphia..... | 809 42 | 1,000 00 | | 1,809 42 | 232 00 | 1,577 42 |
| Magazine, Washington..... | 8,242 70 | | | 8,242 70 | 1,894 40 | 6,348 30 |
| Magazine, Norfolk..... | 25,097 82 | 55,960 00 | 579 35 | 81,637 17 | 81,637 17 | |
| Magazine, Pensacola..... | 484 00 | 1,000 00 | | 1,484 00 | 886 00 | 598 00 |
| Magazine, Mare Island..... | 11,439 00 | | | 11,439 00 | | 11,439 00 |
| Navy hospital, Boston..... | 1,899 65 | 2,500 00 | 4,159 17 | 8,558 82 | 3,353 87 | 5,204 95 |
| Navy hospital, New York..... | 9,045 08 | 7,000 00 | 321 00 | 16,366 08 | 5,335 00 | 11,031 08 |
| Navy hospital, Philadelphia..... | 25,618 16 | 11,135 00 | 220 38 | 36,973 54 | 15,415 13 | 21,558 41 |
| Navy hospital, Norfolk..... | 449 27 | 18,270 00 | | 18,719 27 | 18,719 27 | |
| Navy hospital, Pensacola..... | 14,138 19 | 10,500 00 | | 24,638 19 | 8,644 81 | 15,993 38 |
| Support of beneficiaries at Naval Asylum, Philadelphia..... | | 26,680 00 | | 26,680 00 | 20,779 20 | 5,900 80 |
| Pay of marine corps..... | 1,643 19 | 428,937 30 | 27,139 58 | 457,720 07 | 380,672 20 | 77,047 87 |
| Provisions for marine corps..... | | 71,759 00 | | 71,759 00 | 71,759 00 | |
| Clothing for marine corps..... | | 73,856 00 | 1,996 40 | 75,852 40 | 75,356 00 | 496 40 |
| Fuel for marine corps..... | | 22,342 25 | 22,945 35 | 45,287 60 | 39,866 90 | 5,420 70 |
| Transportation of marine corps..... | 200 00 | 14,000 00 | 8,374 72 | 22,574 72 | 22,574 72 | |

*\$75,570 55 of this transfer to ordnance.

†\$75,570 55 of this transfer from increase, &c.

No. 14—Continued.

| Heads of appropriations. | Balances of appropriations July 1, 1859. | Appropriations for the fiscal year 1859-60. | Repayments from July 1, 1859, to June 30, 1860. | Amounts applicable to the service of fiscal year 1859-60. | Amounts drawn by requisitions from the Treasury during the fiscal year 1859-60. | Balances June 30, 1860. |
|--|--|---|---|---|---|-------------------------|
| Military stores for marine corps | | \$12,000 00 | \$12,035 07 | \$24,035 07 | \$23,542 59 | \$492 48 |
| Repairs of barracks, marine corps | | 8,000 00 | 4,284 51 | 12,284 51 | 11,702 90 | 581 61 |
| Contingent of marine corps | | 32,500 00 | 6,625 07 | 39,125 07 | 38,332 82 | 792 25 |
| Marine barracks, Brooklyn | \$94,913 90 | | | 94,913 90 | 29,245 34 | 65,668 56 |
| Marine barracks, Pensacola | 587 13 | | | 587 13 | | 587 13 |
| Mexican hostilities | 28,649 87 | | 150 03 | 28,799 90 | | 28,799 90 |
| Military contributions in Mexico | 4,466 56 | | | 4,466 56 | | 4,466 56 |
| Pay of dropped naval officers | 5,900 98 | | | 5,900 98 | | 5,900 98 |
| Increase pay to officers in expedition to China seas and Behring's straits | | *79 45 | | 79 45 | 79 45 | |
| Increase pay to clerks of Washington navy-yard | | *487 17 | 245 14 | 732 31 | 732 31 | |
| Compensation to clerks naval astronomical expedition | | *1,595 06 | 6 02 | 1,601 08 | 1,601 08 | |
| Extra pay to officers and men of Pacific squadron | | *10,109 60 | | 10,109 50 | 10,109 60 | |
| Steam mail service | 977,727 23 | | | 977,777 23 | †977,777 23 | |
| Act for relief of the widows and orphans of those lost in the sloop Albany, &c. | | 499 20 | | 499 20 | 499 20 | |
| Act for relief of Lieutenant William D. Porter, approved May 9, 1860 | | 743 00 | | 743 00 | 743 00 | |
| Act for relief of William P. Bowhay, approved June 1, 1860 | | 800 00 | | 800 00 | 800 00 | |
| Total..... | 6,193,727 70 | 10,279,483 03 | 1,776,983 52 | 18,250,194 25 | 14,077,644 62 | 4,172,549 63 |

* Indefinite.

†\$781,623 14 of this carried to surplus fund.

RECAPITULATION.

| | |
|--|-----------------|
| Amount applicable to the service of the fiscal year 1859-60, as per aggregate of fourth column..... | \$18,250,194 25 |
| From which deduct amount of refunding and transfer requisitions, per third column..... | 1,776 983 52 |
| | <hr/> |
| Will show the amount applicable to the above period..... | 16,473,210 73 |
| From which deduct amount drawn by requisition from the Treasury, as per aggregate of fifth column..... | \$14,077,644 62 |
| From which last sum deduct amount drawn by refunding and transfer requisitions, as per third column..... | 1,776,983 52 |
| | <hr/> |
| | 12,300,661 10 |
| | <hr/> |
| Will leave the aggregate of sixth column of balances on June 30, 1860..... | 4,172,549 63 |
| | <hr/> <hr/> |

TREASURY DEPARTMENT, *Second Comptroller's Office, November 27, 1860.*

J. MADISON CUTTS, *Comptroller.*

No. 15.

TREASURY DEPARTMENT,
Fourth Auditor's Office, December 4, 1860.

SIR: I have the honor to present, herewith, an abstract, in duplicate, of the expenditures charged to the appropriation for contingent expenses of the Navy, in the settlement of accounts at this office, during the fiscal year ending on the 30th of June last.

I beg leave to add, that an earlier transmission of this statement has been prevented by the interruption of the business of the office during the time occupied in its recent removal and the rearrangement of its files.

I have the honor to be, most respectfully, sir, your obedient servant,

T. HUNTER.

Hon. ISAAC TOUCEY,
Secretary of the Navy.

Abstract of expenditures under the head of "contingent expenses of the Navy," as settled and allowed at the office of the Fourth Auditor of the Treasury, from the 1st of July, 1859, to the 30th of June, 1860.

| No. of acc't. | Date. | Name. | Rank. | Contingent of the Navy. | Contingent of the marine corps. | Purposes. |
|---------------|--------------|------------------------|-----------------------------|-------------------------|---------------------------------|--------------------------------------|
| 2148 | 1859, July 5 | L. D. Slamm | Paymaster..... | \$49 75 | ..... | Transportation, &c. |
| 2149 | ..... | D. A. McDermott | Lieutenant..... | 250 00 | ..... | Travel. |
| 2152 | 6 | E. T. Dunn..... | Paymaster..... | 7,602 99 | ..... | Mechanics and laborers at navy-yard. |
| 2154 | 8 | B. R. Mitchell..... | Passed Assis't Surgeon.. | 260 00 | ..... | Travel. |
| 2158 | 14 | E. Bissell..... | Late paymaster..... | 258 74 | ..... | Travel, &c. |
| 2156 | 18 | D. J. Sutherland..... | Quartermaster ..... | ..... | \$12,352 81 | Quarters, forage, &c. |
| 2159 | 20 | L. Warrington | Paymaster..... | 9,282 94 | ..... | Rolls at navy-yard. |
| 2166 | 27 | W. A. Ingersoll..... | Paymaster | 7,336 53 | ..... | Travel, fort fuel, &c. |
| 2167 | 28 | W. N. Jeffers..... | Lieutenant..... | 134 00 | ..... | Travel. |
| 2169 | 30 | M. C. Campbell..... | Lieutenant..... | 245 60 | ..... | Travel. |
| 2170 | Aug. 1 | Baring Bros. & Co..... | Foreign navy agents..... | 63,860 28 | ..... | Advances, commissions, postage, &c. |
| 2173 | 2 | George Loyall..... | Navy agent..... | 18,134 44 | ..... | Stationery, fuel, travel, &c. |
| 2171 | ..... | P. J. Fontaine..... | Late naval storekeeper.. | 613 35 | ..... | Advances and travel. |
| 2175 | ..... | N. A. Belknap..... | Paymaster..... | 2,897 06 | 12 50 | Transportation, pilotage, &c. |
| 2176 | 5 | H. G. S. Key..... | Navy agent..... | 3,509 83 | ..... | Stationery, fuel, rent, &c. |
| 2177 | 7 | B. D. Hewitt..... | Navy agent..... | 594 79 | ..... | Stationery, fuel, rent, &c. |
| 2178 | 7 | A. A. Belknap..... | Paymaster | 664 00 | ..... | Apprehension fees, &c. |
| 2180 | 10 | M. P. Huxton..... | Lieutenant..... | 296 40 | ..... | Travel. |
| 2179 | 10 | E. T. Dunn..... | Paymaster | 5,560 02 | ..... | Mechanics' rolls at navy-yard. |
| 2186 | 22 | George N. Sanders..... | Navy agent..... | 50,624 39 | ..... | Advances, rent, travel, fuel, &c. |
| 2187 | 25 | G. F. Lindsay..... | Late quartermaster..... | ..... | 1,862 54 | Quarterage, forage, &c. |
| 2188 | 30 | A. E. Maxwell..... | Navy agent..... | 15,028 90 | ..... | Advances, fuel, travel, &c. |
| 2190 | Sep. 1 | R. H. Clark..... | Paymaster | 1,281 65 | ..... | Pilotage, travel, &c. |
| 2191 | 1 | R. H. Clark..... | Paymaster | 1,902 99 | ..... | Pilotage, travel, &c. |
| 2193 | 1 | H. K. Stevens..... | Lieutenant..... | 751 75 | ..... | Losses, &c., on bills of exchange. |
| 2198 | 6 | C. J. Emery..... | Paymaster | 366 75 | ..... | Losses, &c., on bills of exchange. |
| 2201 | 10 | Charles Wright | Botanist..... | 260 00 | ..... | Travel, &c. |
| 2202 | 10 | William H. Yetman... | Com. secretary..... | 88 50 | ..... | Travel, &c. |
| 2203 | 10 | J. B. Rittenhouse..... | Paymaster | 8,893 75 | ..... | Mechanics, &c., at navy-yard. |
| 2205 | 10 | S. B. Bissell..... | Commander..... | 303 00 | ..... | Travel. |
| 2207 | 15 | G. H. White..... | Paymaster | 4,808 61 | ..... | Mechanics, &c., at navy-yard. |
| 2213 | 21 | George R. Johnson.... | First assis't engineer..... | 80 00 | ..... | Travel. |

STATEMENT—Continued.

| No. of acc't. | Date. | Name. | Rank. | Contingent of the Navy. | Contingent of the marine corps. | Purposes. |
|---------------|---------------|------------------------|-----------------------------|-------------------------|---------------------------------|---|
| 2215 | 1859, Oct. 18 | J. B. Montgomery..... | Captain..... | \$298 50 | ..... | Travel. |
| 2217 | ..... | William Green..... | Commander..... | 52 00 | ..... | Travel. |
| 2218 | ..... | Charles Murray..... | Paymaster..... | 9,185 60 | ..... | Mechanics, laborers, &c., at navy yard. |
| 2219 | 19 | Robert Pettit..... | Paymaster..... | 4,043 55 | ..... | Pilotage, stationery, travel, &c. |
| 2220 | 19 | A. F. Cones..... | Passed assis't surgeon .. | 244 30 | ..... | Travel. |
| 2222 | 19 | Charles Chase..... | Surgeon..... | 80 00 | ..... | Travel. |
| 2229 | 19 | A. E. Belknap..... | Paymaster..... | 30 77 | ..... | Travel. |
| 2232 | 19 | R. B. Cunningham..... | Captain..... | 362 50 | ..... | Travel, &c. |
| 2234 | 19 | George N. Sanders..... | Navy agent..... | 917 66 | ..... | Stationery, advertising, &c. |
| 2237 | ..... | R. T. Allison..... | Paymaster..... | 4,046 35 | ..... | Mechanics, &c., at navy-yard. |
| 2238 | 19 | James Fulton..... | Paymaster..... | 399 75 | ..... | Pilotage, stationery, &c. |
| 2241 | 20 | D. J. Sutherland..... | Quartermaster..... | ..... | \$207 75 | Forage, travel, &c. |
| 2245 | 20 | J. McDougall..... | Acting paymaster..... | 247 60 | ..... | Travel. |
| 2246 | 20 | George F. Kutz..... | First assis't engineer..... | 234 80 | ..... | Travel. |
| 2248 | 20 | W. J. Thompson..... | Third assis't engineer.... | 226 70 | ..... | Travel. |
| 2249 | 22 | C. C. Jackson..... | Paymaster..... | 1,022 30 | ..... | Travel, pilotage, transportation, &c. |
| 2251 | 22 | John C. Long..... | Captain..... | 116 00 | ..... | Travel. |
| 2252 | 22 | Joseph Sheridan..... | Third assis't engineer.... | 233 50 | ..... | Travel. |
| 2253 | 22 | J. J. Waddell..... | Lieutenant..... | 255 00 | ..... | Travel. |
| 2254 | 24 | H. F. Wendell..... | Navy agent..... | 5,799 28 | ..... | Advertising, rent, fuel, travel, &c. |
| 2256 | 27 | W. A. Parker..... | Acting paymaster..... | 490 20 | ..... | Travel, &c. |
| 2258 | 31 | E. T. Dunn..... | Paymaster..... | 5,140 73 | ..... | Mechanics' rolls at navy-yard. |
| 2260 | Nov. 9 | Samuel Forrest..... | Paymaster..... | 9,426 10 | ..... | Pilotage, travel, transportation, &c. |
| 2263 | 10 | A. F. Ammidoun..... | Navy agent..... | 41,221 19 | ..... | Rent, fuel, travel, advertising, &c. |
| 2265 | 22 | J. B. Rittenhouse..... | Paymaster..... | 9,305 19 | ..... | Rolls of mechanics and laborers at navy-yard. |
| 2270 | 23 | John Walters..... | Lieutenant..... | 60 00 | ..... | Travel. |
| 2274 | ..... | C. C. Upham..... | Paymaster..... | 233 76 | ..... | Travel, &c. |
| 2275 | Dec. 2 | D. J. Sutherland..... | Quartermaster..... | ..... | 22,312 67 | Quarters, forage, &c. |
| 2277 | 2 | E. L. Winder..... | Lieutenant..... | 441 61 | ..... | Travel. |
| 2278 | 2 | Wm. B. Ronckendorff. | Acting paymaster..... | 376 08 | ..... | Travel, &c. |
| 2279 | 5 | Wm. B. Boggs..... | Paymaster..... | 23,530 72 | ..... | Pilotage, travel, &c. |
| 2280 | ..... | Wm. B. Boggs..... | Paymaster..... | 2,591 64 | ..... | Pilotage, travel, &c. |
| 2282 | 7 | Baring Bros. & Co..... | Foreign navy agents..... | 70,552 37 | ..... | Bills of exchange, &c. |

| | | | | | |
|-------|------------|--------------------|-------------------------|-----------|---|
| 2289 | | John B. Montgomery | Captain | 76 50 | Travel, &c. |
| 2290 | | H. W. Roby | Third assis't engineer | 231 80 | Do. |
| 2291 | | Robert Ritchie | Captain | 125 00 | Do. |
| 2292 | 9 | F. B. C. Stump | First assis't engineer | 86 00 | Do. |
| 2293 | | H. A. Delius | Third assis't engineer | 88 00 | Do. |
| 2294 | | Charles Schroeder | First assis't engineer | 108 00 | Do. |
| 2296 | | B. W. Green | Acting surgeon | 91 00 | Do. |
| 2297 | | A. B. Campbell | Third assis't engineer | 90 00 | Do. |
| 2298 | 10 | B. E. Chassaning | Second assis't engineer | 96 00 | Do. |
| 2299 | | R. B. Wharton | Second assis't engineer | 98 00 | Do. |
| 2300 | | F. A. Wilson | Third assis't engineer | 92 00 | Do. |
| 2301 | | B. D. Green | Surgeon | 100 00 | Do. |
| 2302 | | George B. Shryock | Master | 93 44 | Do. |
| 2303 | | S. W. Cragg | Third assis't engineer | 90 51 | Do. |
| 2304 | | Ed. Barrett | Lieutenant | 261 96 | Do. |
| 2306 | 15 | Charles W. Abbott | Paymaster | 6,459 73 | Pilotage, transportation, travel, stationery, &c. |
| 2307 | | W. H. McGrath | United States consul | 27 10 | Travel. |
| 2309 | 15 | Samuel Barron | Captain | 53 50 | Travel. |
| 2312 | 15 | B. B. Taylor | Lieutenant | 60 00 | Travel. |
| 2313 | 15 | F. Senac | Paymaster | 7,550 95 | Travel, pilotage, &c. |
| 2314 | | D. Phenix | Lieutenant | 375 00 | Travel. |
| 2316 | 24 | Wm. E. Taylor | Assistant surgeon | 202 30 | Travel. |
| 2318 | | Henry Etting | Paymaster | 913 76 | Travel, pilotage, &c. |
| 2317 | | Wm. Flinn | Navy agent | 23,953 56 | Stationery, advertising, travel, &c. |
| 2320 | | Thomas A. Dorner | Captain | 326 00 | Travel. |
| 1860. | | | | | |
| 2322 | January 4 | John S. Cunningham | Paymaster | 975 62 | Pilotage, travel, &c. |
| 2325 | | S. R. Franklin | Acting paymaster | 482 00 | Travel, &c. |
| 2327 | 9 | George N. Sanders | Navy agent | 42,930 65 | Travel, advertising, rent, stationery, &c. |
| 2332 | | C. C. Upham | Paymaster | 67 12 | Travel. |
| 2333 | | J. McDougall | Acting paymaster | 8 50 | Travel. |
| 2335 | 16 | H. G. S. Key | Navy agent | 2,541 47 | Travel, advertising, stationery, rent, &c. |
| 2339 | | A. F. Ammidoun | Navy agent | 20,154 55 | Travel, advertising, stationery, rent, &c. |
| 2340 | 25 | Wm. G. Marcy | Paymaster | 2,271 20 | Travel, pilotage, stationery, &c. |
| 2241 | | James Sheridan | Third assis't engineer | 50 00 | Travel. |
| 2342 | | George Kutz | First assis't engineer | 5 50 | Travel. |
| 2343 | | J. K. Harwood | Paymaster | 1,031 29 | Pilotage, &c. |
| 2345 | | G. F. Lindsay | Quartermaster | 40 50 | Travel, &c. |
| 2347 | February 6 | Wm. G. Marcy | Paymaster | 15 00 | Travel. |
| 2348 | | Wm. G. Marcy | Paymaster | 82 16 | Travel. |
| 2349 | 11 | A. E. Smith | Navy agent | 21,133 51 | Rent, fuel, &c. |
| 2351 | 15 | James H. Semple | Paymaster | 150 27 | Travel, &c., advances. |

STATEMENT—Continued.

| No. of acc't. | Date. | Name. | Rank. | Contingent of the Navy. | Contingent of the marine corps. | Purposes. |
|---------------|---------------|------------------------|----------------------------|-------------------------|---------------------------------|----------------------------------|
| 2352 | 1860, Feb. 21 | James Filor..... | Naval storekeeper | \$3,255 60 | ..... | Travel, &c. |
| 2353 | 24 | Thomas R. Ware..... | Paymaster | 162 17 | ..... | Travel, &c. |
| 2354 | 29 | L. Warrington..... | Paymaster | 10,064 78 | ..... | Mechanics, &c., at navy-yard. |
| 2355 | | G. F. Cutter..... | Paymaster | 8,935 94 | ..... | Do. do. |
| 2356 | March 9 | A. E. Smith..... | Acting paymaster..... | 60,753 10 | ..... | Do. do. |
| 2357 | | B. D. Heriot..... | Navy agent..... | 768 72 | ..... | Travel, postage, &c. |
| 2358 | | F. A. Wilson..... | Third assis't engineer.... | 33 00 | ..... | Travel. |
| 2360 | | Wm. Badger..... | Navy agent..... | 27,126 47 | ..... | Transportation, fuel, rent, &c. |
| 2361 | 15 | H. F. Wendell..... | Navy agent..... | 15,733 15 | ..... | Advances, &c. |
| 2363 | | Henry Etting..... | Navy agent..... | 3,184 44 | ..... | Advances, pilotage, travel, &c. |
| 2364 | 22 | C. C. Upham..... | Paymaster | 52 13 | ..... | Travel, &c. |
| 2366 | | George F. Cutter..... | Paymaster | 4,642 29 | ..... | Mechanics at navy-yard. |
| 2368 | 27 | Thomas M. Taylor.... | Paymaster | 23 17 | ..... | Travel. |
| 2367 | | George Loyall..... | Navy agent..... | 16,174 11 | ..... | Rent, fuel, travel, &c. |
| 2370 | April 3 | A. E. Smith..... | Navy agent..... | 15,399 45 | ..... | Mechanics and laborers' rolls. |
| 2372 | | A. E. Smith..... | Acting paymaster..... | 9,386 08 | ..... | Travel, advances, rent, &c. |
| 2373 | | George H. White..... | Paymaster | 6,376 61 | ..... | Mechanics at navy-yard. |
| 2376 | | A. F. Ammidoun..... | Navy agent..... | 19,894 71 | ..... | Advances, travel, rent, &c. |
| 2378 | | Charles Murray..... | Paymaster | 6,827 47 | ..... | Mechanics' rolls at navy-yard. |
| 2379 | 9 | F. A. Parker..... | Lieutenant..... | 139 90 | ..... | Travel, &c. |
| 2380 | | E. N. Westcott..... | Lieutenant..... | 171 60 | ..... | Travel, &c. |
| 2382 | | R. T. Allison..... | Paymaster | 12,641 37 | ..... | Mechanics at navy-yard. |
| 2383 | | H. G. S. Key..... | Acting paymaster..... | 30 00 | ..... | Travel. |
| 2388 | | W. J. Schenck..... | Com. clerk..... | 233 80 | ..... | Travel. |
| 2389 | 17 | T. B. Nalle..... | Paymaster | 2,263 23 | ..... | Travel, pilotage, &c. |
| 2391 | 24 | Wm. Badger..... | Navy agent..... | 8,945 50 | ..... | Advances, &c. |
| 2396 | 27 | John S. Gulick..... | Paymaster | 16,359 13 | ..... | Bills of exchange, pilotage, &c. |
| 2398 | | A. J. McCartney..... | Lieutenant..... | 95 00 | ..... | Travel. |
| 2397 | | John M. Berian..... | Commander | 411 00 | ..... | Travel. |
| 2399 | May 1 | H. G. S. Key..... | Navy agent..... | 5,989 85 | ..... | Advances, rent, fuel, &c. |
| 2400 | | George N. Sanders.... | Navy agent..... | 40,803 94 | ..... | Do. do. |
| 2401 | 5 | A. E. Smith..... | Navy agent..... | 8,502 57 | ..... | Do. do. |
| 2402 | 9 | Baring, Bros. & Co.... | Foreign navy agents | 104,940 84 | ..... | Bills of exchange, &c. |

| | | | | | | |
|------|--------|-------------------------|-----------------------|--------------|-----------|----------------------------------|
| 2403 | | James T. Johnson..... | Acting purser..... | 119 00 | | Travel. |
| 2406 | | A. E. Maxwell..... | Navy agent..... | 25,863 01 | | Advances, &c. |
| 2408 | 19 | W. W. Brady..... | Master..... | 60 00 | | Travel. |
| 2412 | | J. George Harris..... | Paymaster..... | 8,634 09 | | Pilotage, advances, &c. |
| 2413 | 23 | George Loyall..... | Navy agent..... | 8,762 65 | | Advances, &c. |
| 2420 | 26 | W. W. Queen..... | Lieutenant..... | 533 50 | | Travel, &c. |
| 2425 | 30 | John Wooten..... | Timber agent..... | 311 50 | | Salary, &c. |
| 2426 | | E. A. F. Lavalette..... | Captain..... | 1,612 70 | | |
| 2427 | June 1 | James A. Semple..... | Paymaster..... | 21 16 | | Travel. |
| 2428 | | George W. Clark..... | Paymaster..... | 1,246 13 | | Advances, &c. |
| 2432 | | James Lanman..... | Acting paymaster..... | 62 50 | | Travel. |
| 2435 | 8 | E. W. Dunn..... | Paymaster..... | 595 76 | | Travel, &c. |
| 2438 | 12 | J. D. Johnson..... | Lieutenant..... | 1 00 | | Travel, &c. |
| 2440 | 13 | D. J. Sutherland..... | Quartermaster..... | | 22,968 68 | Quarters, forage, &c. |
| 2441 | 15 | A. F. Ammidoun..... | Navy agent..... | 12,858 94 | | Advances, &c. |
| 2442 | | Henry Walke..... | Acting paymaster..... | 499 86 | | Travel. |
| 2443 | | L. G. Webb..... | Captain's clerk..... | 125 00 | | Travel. |
| 2444 | 19 | T. M. Taylor..... | Paymaster..... | 3 00 | | Travel. |
| 2447 | 20 | George N. Sanders..... | Navy agent..... | 47,960 93 | | Rent, fuel, advances, &c. |
| 2451 | 22 | M. H. Morris..... | Paymaster..... | 2,356 63 | | Advances, &c. |
| 2455 | 25 | John D. Gibson..... | Paymaster..... | 4,424 35 | | Pilotage, travel, &c. |
| 2458 | | John D. Gibson..... | Paymaster..... | 150 00 | | Travel. |
| 2459 | 28 | George Loyall..... | Navy agent..... | 7,835 70 | | Advances, fuel, advertising, &c. |
| | | | Total..... | 1,064,434 44 | 59,756 45 | |

TREASURY DEPARTMENT, Fourth Auditor's Office, December 4, 1860.

T. HUNTER.