This estimate is propared for some in the District only, and is not for distribution to the Contractor.

(Signest) Theodore Wyman, It., Transmore Wyman, Iv., Lt. Out., Curus of Engineers, Historic Engineer,

30 Oct 31 (1942).

## ADDENDUM NO. 1

To Accompany Job Order No. 17.0

Contract W-414-Fing-602

Office, Department Engineer, Honolulu, T. H.

Addendom No. 1 to accommuny Job Order No. 17.0 (Betalapseof Addition to Instite Station, For: Shafter) authorizes the installation of additional centilation explanates in the transmitter section and power room at the transmitter station at Worg Shafter and modification of ventilator shaft. This work shall be done in accordance with plana. (File No. F-H/32 and File No. F H/10) and specifications forminated the Area Lagimer:

Office File Reference: Serial No. 2025.

Work requested to: The Commoraling General, Remainin Department by 2nd forters and of the Department Europeach, dated March 4, 1942.

Nor the Department Engineer:

/z/ H. N. Ntest, Lt. Col., Corps of Engineers, Encoutive Assistant,

22 JANUARY 1943.

## ADDENDUM NO. 2

To Accompany Job Order No. 17.0

Coutract W 414-Krg-602

Office of the District Engineer, Honolula, T. H.

Additions No. 2 to accompany Job Order No. 17.6 (Dombproof Addition to Badio Station, Pt. StatPer) cancels Addesduss No. 3 to Job Order No. 17.6, effective January 18, 1948.

Chi-cellation Degreesed by: Operations Officer.

For the District Rogineer:

/e/ Joseph Marson, Jr., Mejor, Corps of Engineers, Assistant.

ARMY PEARL HARBOR BOARD EXHIBIT No. 4M

Summary CBR/dw

WAR DEPARTMENT,
UNITED STATES ENGINEER OFFICE,
Honolulu, T. H., May 14, 1941.

Contract No. W414-eng-602

Hickam Field, Oahu, T. H.

Job Order No. 29.0.

Construct—Armanent, Fire Control, supply and repair building (bombsight) reinf. concrete, (Approx. 67 ft. x 90 ft. in dimensions).

Est. Cost: \$150,000.00 (to Gov). Commencement Date: May 15, 1941. Est. Date for Completion: Sept. 15, 1941. Supervision by Area Engr., 2nd Field Area.

WAR DEPARTMENT, UNITED STATES ENGINEER OFFICE. Honolulu, T. H., May 14, 1941.

JOB ORDER NO. 29.0. Contract No. W-414-eng-602.

To: Hawaiian Constructors, Honolulu, T. H.

You are hereby directed to proceed with the following work:

1. PROJECT TITLE: Armament, Fire Control, Supply and Repair Building (Bombsight).

2. LOCATION: Hickam Field, Oahu, T. H. 3. OFFICE FILE REFERENCE: 776.1A1.

4. WORK TO BE DONE: Construct and complete an Armanent, Fire Control, Supply and Repair Building (bombsight), of reinforced concrete design, approximately 67' x 90' in dimension.

5. WORK REQUESTED BY: Commanding General, Hawaiian Department.

6. DRAWINGS AND REFERENCES: To be furnished later.

7. APPROPRIATION CHARGEABLE: Eng. 812.

8. ESTIMATED COST: \$125,000.00.

9. COMMENCEMENT DATE: May 15, 1941.

10. ESTIMATED DATE FOR COMPLETION: September 15, 1941.

11. ESTIMATED LABOR AT SITE: To be furnished later on a detailed estimate.

12. PLAN REQUIRED: To be furnished later on a detailed estimate.

13. MATERIALS: To be furnished later on a detailed estimate.

14. SUPERVISION BY: Area Engineer, Second Field Area.

Theodore Wyman, Jr., (Signed) THEODORE WYMAN, Jr., Lt. Col., Corps of Engineers, District Engineer.

Approved: May 23, 1941.

(Signed) Warren T. Hannum, WARREN T. HANNUM, Colonel, Corps of Engineers, Division Engineer

## ESTIMATE OF COST

To Accompany Job Order No. 29.0°

Contract No. W-414-eng-602

Work to be Done: Construct and Complete an Armament, Fire Control, Supply and Repair Building (Bombsight).

DISTRICT: Honolulu District, Honolulu, T. H.

The work to be done, as provided for herein, is located at Hickam Field, on

the Island of Oahu, T. H., and is limited to the following specific item:

(1) Furnish all necessary labor and equipment, and perform all work necessary to construct and complete an Armament, Fire Control, Supply and Repair Building (bombsight). This building shall be in general conformity with Quartermaster Corps drawings for the Armament, Fire Control, Supply and Repair Building at San Antonio Air Depot (Duncan Field), Texas, as modified by the specifications, "Armament, Fire Control, Supply and Repair Building, Hickam Field," and the details shown on the drawings enumerated in the specifications. The building is to be of reinforced concrete design, approximately 67' x 90' in dimension.

The cost of the work to be done shall not exceed \$125,000.00.

Theodore Wyman, Jr., (Signed) THEODORE WYMAN, Jr., Lt. Col., Corps of Engineers, District Engineer.

## Recapitulation of estimated cost

1. Total Cost of Work:

(a) Direct Cost:
Total Cost to Contractor\_\_\_\_\_\_\$125, 000. 00
Contingencies—10%\_\_\_\_\_\_\_125, 000. 00

Total Direct Cost\_\_\_\_\_\_\_\$137, 500, 00

(b) Indirect Cost:
Survey, Inspection, Engr\_\_\_\_\_\_\$6, 250, 00

Total Indirect Cost\_\_\_\_\_\_\$6, 250, 00

This recapitulation is prepared for use in the District only, and is not for distribution to the contractor.

(Signed) Theodore Wyman, Jr., Theodore Wyman, Jr., Lt. Col., Corps of Engineers, District Engineer.

ARMY PURIS, HARRING FORTON MEMBER NO. 4N.

Samurity CBR/dw 9 Ang 41

WAR DEPARTMENT, USITED STATES PINGENERS OFFICE, Household, T. H., May 27, 1941.

Contract No. W-114 eng-602

Ft. Kanschameha, Ozhu, T. H.

Job No. 210,

Construct—Structural steel tower instrument holding and stairway is existing fire control station.

Nat. Cost: \$10.020.41 (to Gov.). Communication that: June 1, 1041. Kel. Date for Completion: June 21, 1941.

Supervision by Area Engineer, 3rd Field Area.

Addendum No. 1 dated Feb. 25, 1912.

Transfers supervision to Area Engr. 2nd Field Area.

Addendam No. 2 dated May 3, 1942.

Cancels Job Order No. 24 and work will be done by Work Order,

WAR PROPERTY.
UNION STATES ENGINEER OFFICE,
Honolobe, T. H., May 27, 1941.

JOB ORDER No. 24.0. Contract W-414-cng-602. To: Hawaiian Convenctors, Homolulu, T. H.

You are berefor directed to proceed with the following wark: 1. PROJECT TITLE: Fire Control Station, Fort Kamelanecha.

2. LOCATION: Fort Kamelanosha, Ochu, T. H.

3. OFFICE VILE REPRESENCE: 2013.5.

WORK TO BE DONE: Conscruct a Structural Secol Tency Instrument Modiling complete with Inddexs and stafeway together with Structural Steel Connection (Statement) to existing Pire Control Station.

5. WORK REQUESTED BY: Communicating General-Havening Department.

6. DRAWINGS AND REFERENCES: Paragraph 1-01 of Seccifications.

 APPROPRIATION CHARGEABLE: Sevenet Defenses, Insular Department, 1941-CAC-181 P80 A-1216-N.