

OK 1451

Offset General

HEADQUARTERS
JOINT TASK FORCE SEVEN
APO 437, San Francisco, California

JTFJD/600

6 AUG 58

SUBJECT: Transfer of DOD Weather and Aid Life Stations to AEC

411497

To: Commander
Task Group 7.5
APO 437, San Francisco, California

1. Reference: Amendment 1 to Agreement between Atomic Energy Commission and the Department of Defense on Cost and Responsibilities for Operation at Pacific Proving Grounds, effective 1 July 1958.

2. Effective 1 August 1958, all DOD Real and Installed properties at UJIELANG, WOTHO, KAPINGAMARANGI, KUSAIE, TARAWA, and RONGELAP as listed in the six inclosures are transferred to the Atomic Energy Commission on a non-reimbursable basis.

3. Acknowledgement of acceptance of these properties is requested by indorsement hereon.

FOR THE COMMANDER:

BEST COPY AVAILABLE

6 Incl:

- 1. UJIELANG Property List
- 2. WOTHO Property List
- 3. KAPINGAMARANGI Property List
- 4. KUSAIE Property List
- 5. TARAWA Property List
- 6. RONGELAP Property List

/s/Hugh A. Vest
/t/HUGH A. VEST
Colonel, USA
Deputy Chief of Staff

Copies furnished:

- DMA/AEC
- AEC Repr., H&N Loa.
- H&N Loa. ←
- Mgr. ALOC
- CTG 7.1
- COMUSA TG 7.2
- CTG 7.3
- CTG 7.4

REPOSITORY Nevada Operations Office
COLLECTION 326-67A 1016
BOX No. 109 or 22 3124
FOLDER Weather Stations 1955

I.D. 19610 - UJELANG

CHINA COMBAT - 1961, 1962, 1963

30' WATER TOWER

A wood frame platform 12' x 21' x 30' high with railing, ladder and cage, supported by timbers and braced by wood framing on 12" x 18" 24'-6" reinforced concrete piers with reinforced concrete footings.

POWER & DISTILLATION BUILDING

A wood frame building 20' x 34' x 8' eave height on reinforced concrete foundation with concrete floor 6" thick. Aluminum roofing and aluminum siding on three sides, fourth side open. Electric wiring, outlets and lighting fixtures. Building area 720 SF, cubic content 5,760 CF.

FIELD SHOWER & LATH ROOM

A wood frame building, 7'-0" x 11'-0" x 11'-0" eave height on reinforced concrete foundation with concrete floor 3 1/2" thick. Shed roof covered with aluminum roofing. Light and electric wiring. Shower area lined with 76 SF of fibboard. Plumbing for shower and lavatory. Electric wiring, outlets and lighting fixtures. Building area 58 SF, cubic content 4.5 CF.

DAY ROOM TENT

A wood tent frame covered with canvas skin and fly on concrete slab. 16' x 28', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

TENT QUARTERS (2 BUILDINGS)

Wood tent frames covered with canvas skin and fly on concrete slabs. 16' x 28', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

MESS HALL TENT

A wood tent frame covered with canvas skin and fly on concrete slab. 16' x 28', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

REPAIR & EQUIPMENT TENT

An addition to the mess hall tent, consisting of a wood frame on concrete slab. 16' x 28', 2" thick. Eave height with shed roof and plank floor. Light and electric wiring. Plumbing for lavatory. Electric wiring, outlets and lighting fixtures. Building area 147 SF, cubic content 1,100 CF.

RADSAFE TENT

A wood tent frame covered with canvas skin and fly on concrete slab. 16' x 28', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

PIT LATRINE

A wood frame building 5' - 6" x 6' - 7" x 6' - 8" eave height with plywood floor on timber sleepers. Shed roof covered with aluminum roofing. Plywood siding and metal screening, electric wiring, outlet and lighting fixture. Building area 36 SF, cubic content 240 CF.

PUMP HOUSE

A wood frame building 8' x 8' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" thick. Shed roof and three sides covered with plywood, fourth side open. Plywood louvers at rear end. Electric wiring, outlets and lighting fixture. Building area 64 SF, cubic content 512 CF.

ANTENNA POLES

Two wood poles, 20" butt x 90' high, set in concrete base secured by insulated wire cables attached to anchors set in concrete blocks.

SMALL DREDGE PIER

A timber-framed pier 7' wide extending from water's edge 90' into lagoon with wood decking 2' above high water. Three 30' pents supported by timbers secured to wind line. Heavy cables sunk to lagoon floor. Floating fender logs restrained by chains at either side of fender and guy wires to buried log anchors near shore line. Pier secured at shore end by wire cables attached to dead ends.

ELECTRIC SERVICE

(NOTE: All fenders are direct burial.)

from lower lagoon to: pump house 750 LF of 3/8" #10 and 150 LF of 3/8" #10.

mess hall 600 LF of 3/8" #10 and 150 LF of 3/8" #10.

radiotele tent 100 LF of 3/8" #10.

quarters tent #2 10 LF of 3/8" #10.

day room 65 LF of 3/8" #10.

70 LF of 3/8" #10 from quarters tent #1 to radiotele tent.

20 LF of 3/8" #10 from day room to shower and wash room.

40 LF of 3/8" #10 from day room to quarters tent #1.

60 LF of 3/8" #10 from quarters tent #1 to pit latrine.

FRESH WATER SERVICES

50 LF of 1 $\frac{1}{8}$ " galvanized pipe from distillation building to storage tanks.

40 LF of 1 $\frac{1}{8}$ " galvanized pipe from storage tank to mess hall tent.

60 LF of 1" galvanized pipe from storage tank to shower and wash room.

30 LF of 1 $\frac{1}{2}$ " galvanized pipe from 1" line to dry wash tent.

SEWER SERVICE

70 LF of 2" galvanized pipe from 2" galvanized drain line to mess hall tent.

PIPING SYSTEM, OUTDOOR (SALT WATER)

60 LF of 4" C.I. Intake line from lagoon to salt water pump house.

130 LF of 2" galvanized pipe from pump house to distillation building and water tower.

80 LF of 1-1/2" galvanized pipe from distillation building to fire hydrant north of quarters tent #1.

PIPING SYSTEM, OUTDOOR (SEWER)

60 LF of 1-1/2" and 170 LF of 3" galvanized drainage line from shower and wash room to lagoon.

PROPERTY ITEMS

WATER COOLERS - Sunroc, electric, 10 gallon, model N123, AEC Nos. CA-1510, 1612 (Two).

WATER HEATER - Thermador, electric, 50 gallon, model D-52-G, AEC No. PL-333.

RANGES - Hotpoint, electric, commercial, 197/219 V, model HRG-14, AEC No. K-964; model HRG-13, AEC No. K-974 (two)

ICE CUBE MACHINE - Frigidaire, electric, 350 lb. capacity, model CMF-45, AEC No. CA-1630.

BOAT - Valco, aluminum, 12' long, AEC No. M-523.

MOTOR - Johnson, outboard, 3 HP, model JW-12, AEC No. M-414.

SPRAYER - Cooley, gasoline engine, portable, 2 HP, model D-700-2109, AEC No. CA-1669.

PROPERTY ITEMS (cont'd)

DISTILLATION UNIT - Cleaver-Prooks, 200 GPH, model S-200-D, AEC No. DI-276.

COMPRESSOR - General Compressor, 2 CFM, Type A-140, model 6-AH2, AEC No. CO-161.

CHLORINATOR - Chem-O-Feeder, model 4D2-5D3, AEC No. DI-296.

PUMPS

Centrifugal, 3h GPM, salt water, 1½ HP, 3/4 motor, AEC No. PU-452.

Centrifugal, 3h GPM, salt water, gasoline engine, AEC No. PU-444.

Acid, 2h GPM, 3/4 HP, 1/2 motor, AEC No. PU-413.

Centrifugal, 10 GPM, fresh water, 3/4 HP, 3/4 motor, AEC No. PU-448.

Centrifugal, 10 GPM, fresh water, gasoline engine, AEC No. PU-446.

GENERATORS - Delco, 60 KW, 208 V, 60 CY, diesel electric, model T-568, AEC Nos. G-491, 492 (two).

REFRIGERATOR - General Electric, 6 CF, domestic, model LRS1P-512, AEC No. R-541.

REFRIGERATOR - Gibson, 12 CF, model GP-122P, AEC No. R-447.

REFRIGERATOR - Tecumseh, 30 CF, model T1001-60, AEC No. R-196.

REFRIGERATOR - Eschmann, 150 CF, walk-in, model 150-1000-01, AEC No. R-544.

DEEP FREEZER - Gibson, 19.5 CF, model HF27, AEC No. R-444.

PROJECTORS - R.C.A., movie, 16mm, model 400, AEC Nos. CA-527, 528 (two).

I.D. 19600 - WOTHO

TOTAL COST - \$119,560.44

DAY ROOM TENT

A wood tent frame covered with canvas skin and fly on concrete slab 16' x 32', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

TENT QUARTERS (3 EACH)

Wood tent frames covered with canvas skin and fly on concrete slabs 16' x 32', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

MESS HALL TENT

A wood tent frame covered with canvas skin and fly on concrete slab 16' x 32', 4" thick. Walls screened on interior side. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures.

REEFER TENT

A wood tent frame covered with canvas skin and fly on concrete slab 16' x 32', 4" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixture.

RADSARE TENT

A wood tent frame covered with canvas skin and fly on concrete slab 16' x 32', 2" thick. Walls screened on interior side. Electric wiring, outlets and lighting fixtures.

COVER & DISTILLATION BUILDING

A wood frame building 20' x 32' x 8' eave height on reinforced concrete foundation with concrete floor 6" thick. Aluminum roofing and aluminum siding on three sides, fourth side open. Electric wiring, outlets and lighting fixtures. Building area 640 SF, cubic content 5,120 CF.

FIT LATTINE

A wood frame building 5'-6" x 6'-7" x 6'-8" eave height with plywood floor on timber sleepers. Shed roof covered with aluminum roofing. Plywood siding and metal screening, electric wiring, outlet and lighting fixture. Building area 36 SF, cubic content 240 CF.

FIELD SHOWER AND WASH ROOM

A wood frame building 7'-0" x 8'-3" x 7'-6" eave height on reinforced concrete foundation with concrete floor 3½" thick. Shed roof covered with aluminum roofing. Plywood siding and metal screening. Shower area lined with 76 SF of flexboard. Plumbing for showers and lavatories. Electric wiring, outlets and lighting fixtures. Building area 58 SF, cubic content 435 CF.

TRAMP HOUSE

A wood frame building 8' x 8' x 8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Shed roof and sides covered with plywood. Plywood louvers at rear end. Electric wiring, outlets and lighting fixture. Building area 64 SF, cubic content 512 CF.

30' WATER TOWER

A wood frame platform 11' x 21', 30' high with railing, ladder and cage, supported by timbers and braced by wood framing on 12" x 16" x 4'-6" reinforced concrete piers with reinforced concrete footings.

ANTENNA POLES

Two wood poles 20" butt x 50' high set in concrete base and stayed by insulated wire poles attached to anchors set in concrete blocks.

SMALL CRAFT LIFT

A timber-framed pier 7' wide extending from shore, 220' into lagoon with wood decking 2' above high water. Five 24' bents supported by timbers secured to sand-filled heavy cubes sunk on lagoon floor. Floating fender logs restrained by chains at either side of decked part, and guy wires from furthest bent to buried log anchors near shore line. Five secured at shore end by wire cables, guy wires to deck end.

ELECTRICAL SERVICES

(NOTE: All feeders are direct burial)

From power and distillation building to: Shower and wash room 20LF of 2/C #12
 Tent quarters #2, 60LF of 3/C #10
 Radsafe tent 140 LF of 3/C #8 and 140 LF of 4/C #3
 Pump house 50 LF of 2/C #10 and 50 LF of 2/C #12
 150 CF reefer 40 LF of 3/C #10
 Mess Hall 100 LF of 4/C #5 and 60 LF of 4/C #4

70 LF of 2/C #12 from shower and wash room to latrine.
 30 LF of 3/C #10 from tent quarters #2 to tent quarters #1.
 50 LF of 2/C #10 from tent quarters #2 to tent quarters #3.
 30 LF of 2/C #10 from tent quarters #1 to day room.

FRESH WATER SERVICES

20 LF of 1 1/2" galvanized pipe from distillation building to water tower.
 20 LF of 1 1/2" galvanized pipe from water tower to shower and wash room.

Incl 2 (2)

FRESH WATER SERVICES (cont'd)

40 LF of 1½" galvanized pipe from water tower to mess hall tent.

30 LF of ¾" galvanized pipe from mess hall tent to dry room tent.

SALT WATER SERVICE

50 LF of 1" galvanized pipe from water tower to mess hall tent.

PIPING SYSTEM, OUTDOOR (SALT WATER)

30 LF of 4" spiral w.c. steel line to line from mess hall to distillation building.

60 LF of 2" galvanized pipe from pump house to water tower and 20 LF of 1½" galvanized pipe from water tower to distillation building.

75 LF of 1½" galvanized pipe from distillation building to intake with extension to pump house.

PIPING SYSTEM, OUTDOOR (SEWER)

50 LF of 2" galvanized pipe from field shower building to mess hall to 2" line south of mess hall.

50 LF of 3" galvanized pipe from 2" line to clean-out at distillation building.

30 LF of 1½" galvanized pipe from distillation building to 3" line.

60 LF of 3" C.I. pipe from clean-out to large outfall.

PROPERTY ITEMS

WATER COOLERS - Sunroc, electric, 10 gallon, AEC Nos. CA-1539, CA-1541 (two).

WATER HEATER - Thermador, electric, 50 gallon, model D-52-G, AEC No. M-332.

RANGES - Hotpoint, electric, commercial, 197/219 V, models H5G-1h, H5C-13, AEC Nos. M-431, M-432.

ICE CUBE MACHINE - Frigidaire, electric, 350 lb. capacity, model GMT-45, AEC No. CA-1621.

BOAT - Valco, aluminum, 12' long, AEC No. M-522.

MOTOR - Johnson, outboard, 5½ HP, model CO-13-A, AEC No. M-413.

PROPERTY ITEMS (CONT'D)

GRINDER - Thor, electric, portable, 1/3 HP, AEC No. TH-4516.

SPRAYER - Cooley, gasoline, portable, 2 HP, AEC No. CO-1470.

DISTILLATION UNIT - Cleaver-Brooks, 200 GPM, 60 PSI, AEC No. BI-208.

COMPRESSOR - General Compressor, 2 HP, 1/2 in. dia. AEC No. GC-100.

CHLORINATOR - Chem-O-Mixer, Model 100, AEC No. CM-100.

PUMPS

Centrifugal, electrical, 3 1/2 GPM, 1/2 HP, 1 1/2 in. dia. AEC No. CM-100.

Centrifugal, 3 1/2 GPM, salt water, with 1/2 HP motor, S/N 1000, AEC No. CM-100.

Acid, 2 1/2 GPM, acid, with 1/2 HP, 1/2 motor, S/N 1000, AEC No. CM-100.

Centrifugal, 10 GPM, fresh water, with 1/2 HP, 1/2 motor, S/N 1000, AEC No. CM-100.

Centrifugal, 10 GPM, fresh water, with 1/2 HP, 1/2 motor, S/N 1000, AEC No. CM-100.

GENERATORS - Delco, diesel electric, 200 W, 12 V, 3 1/2, 60 Hz, AEC No. DE-100.

REFRIGERATOR - General Electric, Domestic, 8 CF, model L161P-412, AEC No. R-412.

REFRIGERATOR - Gibson, 12 CF, model HF-22, AEC No. R-413.

REFRIGERATOR - Friedrich, 30 CF, S/N US-30S-49, AEC No. R-397.

REFRIGERATOR - Hussmann, 150 CF, walk-in, S/N 659106, AEC No. R-415.

DEEP FREEZER - Gibson, 19.5 CF, model HF-22, AEC No. R-413.

PROJECTOR - R.C.A., movie, 16mm, model 100, AEC No. CA-1516.

Incl 2⁽⁴⁾

WORK, TYPE 1

Building 20' x 40' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" aluminum siding and double roofing. Three walk-in doors with concrete pads. Inner side of exterior walls lined with 2,330 SF of plywood. Electrical wiring, outlets and lighting fixtures. Building area 800 SF, cubic content 7,680 CF.

Building 40' x 20' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" aluminum siding and double roofing. Three walk-in doors with concrete pads. Two wood frame partitions with 300 SF of plywood form a 9' x 8'-6" supply room and a 9' x 11' dispensary at one end of day room; metal siding and wood framing form a 9' x 8' bar at opposite end. Inner side of exterior walls lined with 2,330 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 800 SF, cubic content 7,680 CF.

TYPE 2

Building 20' x 40' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" aluminum siding and double roofing. Three walk-in doors with concrete pads. Wood frame partitions with 200 SF of flexboard and 250 SF of plywood form a 7' x 9' shower room and a 9' x 13' latrine at one end of building. Wood frame partitions and ceiling 8' high covered with 680 SF of plywood enclose a 10' x 10' warder's room and a 10' x 3' cocoon-sprayed hot locker room with wood shelving at the other end. Inner side of exterior walls lined with 2,790 SF of plywood. Plumbing for latrine and shower. Electrical outlets and lighting fixtures. Building area 800 SF, cubic content 7,680 CF.

Concrete pad 3' x 11' x 6" thick.

10' x 10' x 8' in concrete base and stayed by insulated wire cables attached to concrete pad.

10' x 10' x 8' in concrete base and stayed by insulated wire cables attached to concrete pad.

10' x 10' x 8' in concrete base and stayed by insulated wire cables attached to concrete pad.

SALT WATER PUMP HOUSE

A wood frame building 16' x 16' x 8' eave height, aluminum roofing on shed roof and aluminum siding on three sides, fourth side open. Reinforced concrete foundation with concrete floor 5" thick. Electric wiring, outlets and lighting fixtures. Pulling area 256 SF, cubic content 2,048 CF.

SUPPLY & OPERATIONS BUILDING

A wood frame building 48' x 29' x 8' eave height on reinforced concrete foundation with concrete floor 4" thick, aluminum siding and double roofing. A wood frame partition 3' high separates a 12' x 20' operations room from a 36' x 20' supply room. Inner side of operations room's exterior walls lined with 350 SF of plywood. Two walk-in doors with concrete pads. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7,680 CF.

30' WATER TOWER

A wood frame platform 11' x 21', 30' high with railing, ladder and cage, supported by timbers and braced by wood framing on 12" x 12" x 4'-6" reinforced concrete piers with reinforced concrete footings.

POWER & DISTILLATION BUILDING

A wood frame building 20' x 48' x 8' eave height on reinforced concrete foundation with concrete floor 6" thick. Aluminum roofing and aluminum siding on three sides, fourth side open. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7,680 CF.

MESS HALL

A wood frame building 20' x 48' x 8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Aluminum siding and double roofing. Four walk-in doors with concrete pads. All openings screened. 320 SF of plywood cover a wood frame partition forming a 10' x 20' kitchen at one end of mess hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screening forms a food storage room 4' x 26' with 156 SF of wood shelving along one side of mess hall. Inner side of exterior walls lined with 2,930 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7,680 CF.

REEFER SHED

A wood frame building 16' x 48' x 8' eave height on reinforced concrete foundation with concrete floor 6" thick. A shed roof covered with aluminum roofing; aluminum siding on three sides; fourth side open. Electric wiring outlets and lighting fixtures. Building area 768 SF, cubic content 6,144 CF.

PIPING SYSTEM, OUTDOOR - SALT WATER

110 LF of 4" C.I. intake line from lagoon to pump house, 200 LF of 1½" galvanized line from pump house to water tower and 90 LF of 1½" galvanized discharge line from distillation building to lagoon.

ELECTRIC SERVICES

260 LF of 3/C #12, DB, and 2 runs of 260 LF each of 2/C #10, DB, from power house to salt water pump house.

630 LF of 3 #2, DB, from power house to supply and operations building.

300 LF of 3 #6, DB; 300 LF of 3 #2, DB; and 330 LF of 3 #1/0, DB, from power house to mess hall.

420 LF of 3 #3/0, DB, from power house to reefer shed.

510 LF of 3 #4, DB, from mess hall to barracks, Type 1.

480 LF of 3 #4, DB, from reefer shed to barracks, Type 2.

1170 LF of 3 #2, DB, from power house to day room.

345 LF of 3 #6, DB, from power house to honor shelter.

FRESH WATER SERVICE

260 LF of 1½" galvanized pipe from water tower to barracks, type 2, and mess hall with 80 LF of 3/4" galvanized pipe from barracks, type 2 to day room.

SALT WATER SERVICE

260 LF of 1½" galvanized pipe from water tower to barracks, type 2 (including 2 fire hydrants).

SEWER SERVICE

290 LF of 3" VCI from man hole to day room, mess hall and barracks, type 2.

PROPERTY ITEMS

WATER COOLERS - Westinghouse, electric, 10 gallon, model W-100, 2 each, AEC Nos. CA-1656, CA-1660.

WATER HEATER - Thermador, electric, 50 gallon, AEC No. FL-169.

PROPERTY ITEMS (cont'd)

RANGES - Hotpoint, electric, commercial, 197/219 V, 2 each, AEC Nos. K-957, K-967.

ICE CUBE MACHINE - Frigidaire, 350 lbs., model CMT-45, AEC No. CA-1627.

DISTILLATION UNIT - Cleaver-Brooks, 200 GPH, model S-200-D, AEC No. DI-279.

COMPRESSOR - Kellogg, 2 CFM, model P-130-B, AEC No. CO-123.

CHLORINATOR - Chem-O-Feeder, model LD-5D3, AEC No. DI-271.

PUMPS

Centrifugal, salt water, 3 1/2 GPM, with 1-1/2 HP motor, AEC No. PU-312.

Centrifugal, salt water, 2 1/2 GPM, with gasoline engine, AEC No. PU-345.

Centrifugal, acid, 2 1/2 GPM, with 3/4 HP motor, AEC No. PU-342.

Centrifugal, fresh water, 10 GPM, with 3/4 HP motor, AEC No. PU-348.

Centrifugal, fresh water, 10 GPM, with gasoline engine, AEC No. PU-384.

GENERATORS - General Motors, 60 KW, 208 V, 3Ø, 60 CY, model 6043-C, 3 each, AEC Nos. G-496, 497, 498.

REFRIGERATORS - General Electric, 8 CF, domestic, model E181R-F12, 2 each, AEC Nos. R-553, R-554.

REFRIGERATORS - Hussmann, 150 CF, electric, 5 each, AEC Nos. R-320, 333 through 336.

SITE "A"

SUPPLY & OPERATIONS BLDG.

A wood frame building 48' x20'x8' eave height on reinforced concrete foundation with concrete floor 4" thick, aluminum siding and double roofing. A wood frame partition 3' high separates a 12'x20' operations room from a 36'x20' supply room. Inner side of operations room's exterior walls lined with 350 SF of plywood. Two walk-in doors with concrete pads. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

GENERATOR SHED

A wood frame building 14'x16'x7'-6" eave height on reinforced concrete foundation with concrete floor 4" thick. Shed roof covered with aluminum roofing; two end walls covered with aluminum siding; rear wall composed of wood louvres; front open. Electric wiring, outlets and lighting fixtures. Building area 224 SF, cubic content 1680 CF.

RAINSONG TOWER

A wood frame structure 17' high, having a wood deck 13'x13'-6", stairway and railing, supported by vertical steel poles, braced with steel angles and poles, resting on 24"x24"x12" concrete footings.

PIT LATRINE

A wood frame building 4'x4'x6'-8" eave height on 4"x4" wood sleepers. Shed roof with aluminum roofing. Exterior covered with 100 SF of plywood and 12 SF of copper screening. Electric wiring and lighting fixture. Building area 16 SF, cubic content 106 CF.

FUEL TANK BASE

A framed timber stand, 5' wide x 7' long x 5' high, on 12"x12"x10" concrete footings.

REEFER SHED

A wood frame building 16'x36'x8' eave height on reinforced concrete foundation with concrete floor 6" thick. Open four sides. Shed roof covered with aluminum roofing. Electric wiring, outlets and lighting fixtures. Building area 576 SF, cubic content 4608 CF.

I.D. 19500 - KUSAIE

SITE "B"

REEFER SHED

A wood frame building 16'x36'x8' eave height on reinforced concrete foundation with concrete floor 6" thick. Open four sides. Shed roof covered with aluminum roofing. Electric wiring, outlets and lighting fixtures. Building area 576 SF, cubic content 4608 CF.

MESS HALL

A wood frame building 20'x48'x8' eave height on reinforced concrete foundation with concrete floor 3 1/4" thick. Aluminum siding and double roofing. Four walk-in doors with concrete pads. All openings screened. 320 SF of plywood cover a wood frame partition forming a 10'x20' kitchen at one end of mess hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screening forms a food storage room 4'x26' with 156 SF of wood shelving along one side of Mess Hall. Inner side of exterior walls lined with 2930 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

DAY ROOM

A wood frame building 48'x20'x8' eave height on reinforced concrete foundation with concrete floor 3 1/4" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. 380 SF of plywood cover two wood frame partitions forming a 9'x8'-6" supply room and a 9'x11' dispensary at one end of day room; wood shelving and wood framing form a bar 9'x8' at opposite end. Inner side of exterior walls lined with 2130 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

Incl 4(2)

BARRACKS, TYPE 2

A wood frame building 20'x48'x8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Wood frame partitions covered with 230 SF of flexboard and 290 SF of plywood form a 7'x9' shower room and a 9'x13' latrine at one end of the barracks. Wood frame partitions and ceilings 8' high covered with 680 SF of plywood enclose a 10'x12' commander's room and a 10'x8' cocoon-sprayed, hot locker room with wood shelving at other end. Inner side of exterior walls lined with 2790 SF of plywood. Plumbing for latrine and shower. Electrical wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

BARRACKS, TYPE 1 (BUILDING NO. 1)

A wood frame building 20'x48'x8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Inner side of exterior walls lined with 2930 SF of plywood. Electrical wiring, outlets and lighting fixtures. Building area 960SF, Cubic content 7680 CF.

POWER HOUSE

A wood frame building 20'x32'x8' eave height on reinforced concrete foundation with concrete floor 6" thick. Aluminum roofing and aluminum siding on three sides, fourth side open. Electric wiring, outlets and lighting fixtures. Building area 640 SF, cubic content 5120 CF.

DISTILLATION SHED

A native-constructed shed 16'x25' consisting of posts supporting a thatched roof, approximately 7' eave height, over a level coral floor adjoining a native machine shop. Open three sides. Shed area 400 SF, cubic content 2800 CF.

30' WATER TOWER

A wood frame platform 11'x21', 30' high and railing, ladder and cage, supported by timbers and braced by wood framing on 12"x18"x4'6" reinforced concrete piers with reinforced concrete footings.

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BARRACKS, TYPE 1 (BUILDING NO. 2)

A wood frame building 20'x48'x8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Inner side of exterior walls lined with 2930 SF of plywood. Electrical wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

HOMER TRANSMITTER SHELTER

A wood frame shelter (User furnished) 6'-5"x7'-9"x6'-5" high adjacent to Barracks, Type 1. Building area 50 SF, cubic content 320 CF.

ANTENNA POLES

Two wood poles 20" butt x 90' high and one wood pole 20" butt x 55' high set in concrete base and guyed by insulated wire cables attached to anchors set in concrete blocks.

PIPING SYSTEM, OUTDOOR - SEWER

40 LF of 6" VCP from man hole to water's edge and 60 LF of 6" steel pipe outfall.

PIPING SYSTEM, OUTDOOR - FRESH WATER

95 LF of 1½" galv. pipe from Distillation Building to branch line at 1½" "T" S.W. of Barracks, Type 2.

PIPING SYSTEM, OUTDOOR - SALT WATER

165 LF of 1½" galv. pipe from Distillation Building to fire hydrant N.W. of Barracks, Type 2, connecting with a second fire hydrant at 30' Water Tower, and 30 LF of 2" galv. salt water intake line from ocean to Distillation Bldg.

Incl 4(4)

ELECTRIC SERVICES

60 LF of 3/C #8, DB, from Generator Shed to Supply & Operations Bldg.

100 LF of 2/C #12, DB, from Supply & Operations Bldg. to Pit Latrine.

45 LF of 3/C #6, DB, from Generator Shed to Reefer Shed.

60 LF of 3/C #6, DB, from Mess Hall to Reefer Shed.

30 LF of 3/C #2, DB, from Day Room to Mess Hall; 225 LF of 3/C #2, DB, and 210 LF of 3/C #1/0 from Power House to Mess Hall.

140 LF of 3/C #1/0, DB, from Power House to Day Room.

150 LF of 3/C #2, DB, from Power House to Barracks, Type 2.

90 LF of 3/C #2, DB, from Barracks, Type 2 to first Barracks, Type 1.

110 LF of 3/C #6, DB, from Power House to second Barracks, Type 1.

75 LF of 3/C #8, DB, from Power House to Hazer Shelter.

FRESH WATER SERVICES

110 LF of 1½" galv. pipe from 1½" "T" S.W. of Barracks, Type 2 to Mess Hall.

100 LF of ¾" galv. pipe from 1½" "T" S.W. of Barracks, Type 2 to Day Room.

20 LF of 1½" galv. Pipe from 1½" "T" S.W. of building to Barracks, Type 2.

SALT WATER SERVICE

15 LF of 1½" galv. pipe from 1½" main west of building to Barracks, Type 2.

SEWER SERVICES

50 LF of 6" VCP from man hole to Mess Hall and Day Room.

84 LF of 4" C.I. soil pipe from man hole to Barracks. Type 2.

PROPERTY ITEMS

WATER COOLERS - Electric, 10 gal. with air-cooled condenser, 2 Each. AEC Nos. CA-1638, CA-1639.

WATER HEATER - Thermador, electric, 50 gal., 1 each. S/N 22468-B, AEC No. PL-468.

RANGES - Dohrmann, electric, commercial, 197/219 V., 2 each. AEC Nos. K-960, K-966.

ICE CUBE MACHINE - Frigidaire, model CMT-45, 350 lb. capacity, 1 each. AEC No. CA-1626.

DISTILLATION UNIT - Cleaver-Brooks, model S-200D, 200 GPH, 1 each. S/N SP-55-1666, AEC No. DI-274.

COMPRESSOR - Kellogg, model B-130-B, 2 CFM, 1 each. S/N 357620, AEC No. CO-124.

CHLORINATORS - Chem-o-Feeder, model 4D2-5D3, 2 each. AEC Nos. DI-293, DI-294.

PUMPS

Centrifugal, electrical, 34 GPM, salt water, with 1½ HP, 1Ø motor, 1 each. S/N 635A-547-5, AEC No. PU-314.

Centrifugal, gasoline engine, 34 GPM, salt water, 1 each. S/N 6124, AEC No. PU-347

Centrifugal, electrical, 24 GPM, acid, with 3/4 HP, 1Ø motor, 1 each. S/N 10963, AEC No. PU-343.

Centrifugal, electrical, 10 GPM, fresh water, with 3/4 HP, 1Ø motor, 1 each. S/N 242138, AEC No. PU-350.

Centrifugal, gasoline engine, 10 GPM, fresh water, 1 each. S/N 12545, AEC No. PU-381.

GENERATORS - Kato, diesel, portable, 15 KW, model 52-MDG-6, 2 each. S/N 31417-14, AEC No. G-323, G-331.

GENERATORS - Diesel-electric, 60 KW, 120/208V, 3Ø, 3 each. AEC Nos. G-499, G-500, G-501.

REFRIGERATOR - General Electric, domestic, 6 CF, 1 each. AEC No. R-524.

REFRIGERATOR - General Electric, domestic, 8 CF, 1 each. AEC No. R-525.

REFRIGERATORS - Hussmann, electric, 150 CF, 8 each. AEC Nos. R-321, 323, 324, 325, 326, 329, 330, 332.

BARRACKS, TYPE 1

A wood frame building 20'x48'x8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Inner side of exterior walls lined with 2930 SF of plywood. Electrical wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

BARRACKS, TYPE 2

A wood frame building 20'x48'x8' eave height on reinforced concrete foundation with concrete floors 3½" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Wood frame partitions covered with 230 SF of linoleum and 290 SF of plywood from a 7'x9' shower room and a 9'x13' latrine at one end of the barracks. Wood frame partitions and ceilings 8' high covered with 680 SF of plywood enclosing a 10'x10' commander's room and a 10'x8' concave-sprayed hot locker room with wood shelving at other end. Inner side of exterior walls lined with 2790 SF of plywood. Plumbing for latrine and shower. Electrical wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

DAY ROOM

A wood frame building 48'x20'x8' eave height on reinforced concrete foundation with concrete floor 3½" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. 280 SF of plywood cover two wood frame partitions including a 9'x8'-6" supply room and a 9'x11' dispensary at one end of day room; wood shelving and wood framing form a bar 9'x3' at opposite end. Inner side of exterior walls lined with 1620 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic con-

SELF WASHING BENCH

A wood frame building 20'x12'x8' eave height on reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Inner side of exterior walls lined with 1200 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 240 SF, cubic content 2048 CF.

SUPPLY & OPERATIONS BAY

A wood frame building 48'x20'x8' eave height on reinforced concrete foundation with concrete floor 4" thick, aluminum siding and double roofing. A wood frame partition 3' high separates a 12'x20' operations room from a 36'x20' supply room. Inner side of operations room's exterior walls lined with 350 SF of plywood. Two walk-in doors with concrete pads. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

Incl 5 (1)

RAWINSONDE PAD

A reinforced concrete pad 15'x15'x6" thick.

REFER SHED

A wood frame building 16'x19'x8' eave height on reinforced concrete foundation with concrete floor 6" thick. A shed roof covered with aluminum roofing; aluminum siding on three sides; fourth side open. Electric wiring outlets and lighting fixtures. Building area 768 SF, cubic content 6144 CF.

REFER HALL

A wood frame building 20'x19'x8' eave height on reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roofline. Four walk-in doors with concrete pads. All openings crowned. 250 SF of plywood cover a wood frame partition forming a 10'x20' kitchen at one end of mess hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screwing forms a food storage room 11'x20' with 156 SF of wood shelving along one side of mess hall. In a line of exterior walls lined with 2820 SF of plywood. Wiring for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

REFER HALL

A wood frame building 11'x21'x8' eave height on reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roofline. Four walk-in doors with concrete pads. All openings crowned. 250 SF of plywood cover a wood frame partition forming a 10'x20' kitchen at one end of mess hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screwing forms a food storage room 11'x20' with 156 SF of wood shelving along one side of mess hall. In a line of exterior walls lined with 2820 SF of plywood. Wiring for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

REFER HALL

A wood frame building 16'x19'x8' eave height on reinforced concrete foundation with concrete floor 6" thick. A shed roof covered with aluminum roofing; aluminum siding on three sides; fourth side open. Electric wiring, outlets and lighting fixtures. Building area 768 SF, cubic content 6144 CF.

REFER HALL

A wood frame building 16'x19'x8' eave height on reinforced concrete foundation with concrete floor 6" thick. A shed roof covered with aluminum roofing; aluminum siding on three sides; fourth side open. Electric wiring, outlets and lighting fixtures. Building area 768 SF, cubic content 6144 CF.

REFER HALL

(NOTE: All figures are direct haul.)

Incl 5 (2)

240 LF of 3/C #6 from power house to barracks, type 1.

270 LF of 3/C #4 from power house to barracks, type 2.

240 LF of 3/C #8 and 240 LF of 2/C #12 from power house to pump shed.

230 LF of 3/C #6 from power house to supply & operations building.

150 LF of 3/C #4 from power house to reofer shed.

100 LF of 3/C #6, 165 LF of 4/C #6 and 165 LF of 4/C #4 from power house to mess hall.

FRESH WATER SERVICES

65 LF of 1½" galv. pipe from distillation building to mess hall.

140 LF of 1½" galv. pipe from mess hall to day room.

35 LF of 1" galv. pipe from day room to barracks, type 2.

SALT WATER SERVICE

105 LF of 1½" galv. pipe from lawn house to barracks, type 1.

SEWER SERVICES

10 LF of 6" VCP from 6" sewer main to barracks, type 2.

60 LF of 4" VCP from 4" sewer main to barracks.

65 LF of 4" VCP from 4" sewer main to mess hall.

PIPING SYSTEM, OUTDOOR (SEWER)

1850 LF of 4" poly. intake line from lagoon pump house, 150 LF of 1½" galv. pipe from pump house to distillation building, two 50' runs of 4" VC drainage tile, and 200 LF of 1½" galv. discharge line from distillation building to lagoon.

PIPING SYSTEM, OUTDOOR (SEWER)

170 LF of 6" VCP main from clean-out between barracks, type 2 and day room, to connection with drainage tile at disposal field, and four 50' runs of 4" VC drainage tile. A double septic tank of two connected underground 5'x5'x7' Navy cubes.

Incl 5 (3)

PROPERTY ITEMS

WATER COOLERS - Sunroc, electric, 10 gal., model NM 2B, AEC No. CA-1612.

Westinghouse, electric, 10 gal., model W-100, AEC No. CA-1655.

WATER HEATER - Graybar, electric, 52 gal., AEC No. PL-305.

RANGES - Hotpoint, electric, commercial, model HRG-14, AEC No. K-958; model HRG-13, AEC No. K-968. (Two)

ICE CUBE MACHINE - Frigidaire, electric, 350 lbs. cap., model GIE-45, AEC No. CA-1629.

DISTILLATION UNIT - Cleaver-Brooks, 200 GPH, model S200-D-HR, AEC No. DI-300.

COMPRESSOR - Kellog, 2 CFM, model B-130-B, AEC No. CO-125.

CHLORINATOR - Chem-o-Feeder, model 4D-2-503, AEC No. DI-270.

PUMPS

Centrifugal, electrical, 34 GPM, salt water, with 1/2 HP, 10 motor, S/N 635A-547-6, AEC No. PU-310.

Centrifugal, 34 GPM, salt water, with gasoline engine, model 2-20, AEC No. Pu-443.

Centrifugal, electrical, 24 GPM, acid, with 3/4 HP, 10 motor, S/N 10962, AEC No. PU-341.

Centrifugal, electrical, 10 GPM, fresh water, with 3/4 HP, 10 motor, S/N 243794, AEC No. PU-358.

Centrifugal, 10 GPM, fresh water, with gasoline engine, S/N 420201, AEC No. PU-319.

GENERATORS - General Motors, diesel electric, 208V 60 Cy, 30, 60 KW, model 6043-C, AEC Nos. G-502, 503, 504. (Three)

REFRIGERATORS - General Electric, domestic, 8 CF, model LB81R-B12, AEC Nos. R-551, 552. (Two)

REFRIGERATORS - Commercial - Mechanical, 150 CF, AEC Nos. R-435, 436, 438, 450, 451. (Five)

Incl 5 (4)

I.D. 19630 - RONGTAP

TOTAL COST - \$25,437.00

PROPERTY ITEMS

1. General Purpose, 200 GPH, model S-200 D-IN, AEC No. DI-301.

2. General Purpose, 100 GPH, model HRC-11, AEC No. K-965; model HRC-13, AEC

3. General Purpose, 100 GPH, model GTR-15, AEC No. CA-1630.