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1451

*Offsite  
General*

HEADQUARTERS  
JOINT TASK FORCE SEVEN  
APO 435, San Francisco, California

JTFJD/600

6 AUG 58

SUBJECT: Transfer of DOD Weather and Life Stations to AEC

411497

TO: Commander  
Task Group 7.5  
APO 435, 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 UJELANG, 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. UJELANG 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 223124  
FOLDER Weather Stations 1958

I.D. 19610 - UJIRANG

ESTIM. COST - 1,025,516.00

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" 6'-6" reinforced concrete piers with reinforced concrete footings.

POWER & DISTILLATION BUILDING

A wood frame building 20' x 36' 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 & WASH ROOM

A wood frame building 7'-0" x 11'-0" x 7'-0" eave height on reinforced concrete foundation with concrete floor 3 1/2" thick. Shed roof covered with aluminum roofing. Light and electric wiring. Lower area lined with 76 SF of fibreglass. Plumbing for shower and lavatory. Electric wiring, outlets and lighting fixtures. Building area 58 sq', cubic content 415 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 (30' x 30')

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.

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.

RADIATION EQUIPMENT TENT

An addition to the mess hall tent consisting of a wood frame 11' x 11' x 8' eave height with shed roof and plank floor on fly. Light and electric wiring. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 121 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 DRAFT PIER

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

ELECTRIC SERVICES

(NOTE: All leaders are direct burial.)

From shore line to: pump house 220 LF of 3/8" #10 and 110 LF of 3/8" #10.

less half loop of 3/8" #10 at 1/2" #10 of 120 LF of 1/2" #10.

radiotele tent 120 LF of 1/2" #10.

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

day room 55 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 1/2" galvanized pipe from distillation building to storage tanks.

40 LF of 1 1/2" 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 1/2" galvanized pipe from 1" pipe to dry mess 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 1/2" 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 - Sumec, electric, 10 gallon, model NM2B, AEC Nos. CA-1570, 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-11, AEC No. K-964; model HRG-13, AEC No. K-974 (two)

ICE CUBE MACHINE - Frigidaire, electric, 350 lb. capacity, model CMP-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-411.

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

PROPERTY ITEMS (cont'd)

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

COMPRESSOR - General Compressor, 2 CFM, Type A-1110, 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, 3Ø motor, AEC No. PU-452.

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

Acid, 2h GPM, ¾ HP, 1Ø motor, AEC No. PU-413.

Centrifugal, 10 GPM, fresh water, ¾ HP, 3Ø motor, AEC No. PU-440.

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

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

REFRIGERATOR - General Electric, 8 CF, domestic, model LRS1P-E12, AEC No. R-541.

REFRIGERATOR - Gibson, 12 CF, model GP-122P, AEC No. R-547.

REFRIGERATOR - Tekeloid, 30 CF, s/a 1000-00, AEC No. R-596.

REFRIGERATOR - Eschmann, 150 CF, walk-in, model 200-1000-01, AEC No. R-544.

DEEP FREEZER - Gibson, 19.5 CF, model ME22, AEC No. R-544.

PROJECTORS - R.C.A., movie, 16mm, model 400, AEC Nos. CA-517, 523 (two).

I.D. 19600 - WOTH0

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.

REFEEDER TENT

A wood tent frame covered with canvas skin and fly on concrete slab 14' x 14', 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.

POWER & 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.

VIT 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.

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.

TENT 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 louvres 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 90' high set in concrete base and stayed by insulated wire cables attached to anchors set in concrete blocks.

SMALL CHART LITER

A timber-framed pier 7' wide extending from shore, into lagoon with wood decking 2' above high water. Five 24' bents supported by timbers secured to sand-filled heavy cubes sunk to lagoon floor. Floating fender logs restrained by chains at either side of pier. A guy wire from farthest bent to buried log anchors near shore line. Pier secured at shore end by wire cables that go to dead 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 #6 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 tank.

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

SALT WATER SERVICE

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

PIPING SYSTEM, OUTDOOR (SALT WATER)

30 LF of 1" spiral weld, steel line from lagoon to mess hall tank.

60 LF of 2" galvanized pipe from pump house to water tower and 25 LF of 1½" galvanized pipe from water tower to distillation building.

75 LF of 1½" galvanized pipe from distillation building to hot water tank 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 lagoon 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 HRC-1h, HRC-13, AEC Nos. M-521, M-522.

ICE CUBE MACHINE - Frigidaire, electric, 350 lb. capacity, model CMT-45, AEC No. CA-1622.

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. TM-1516.

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

DISTILLATION UNIT - Cleaver-Brooks, 200 GPM, 100 PSI, AEC No. DI-298.

COMPRESSOR - General Compressor, 100 CFM, 100 PSI, AEC No. DI-100.

CHLORINATOR - Chem-O-Mixer, Model 100, AEC No. DI-307.

PUMPS

Centrifugal, electrical, 2 1/2 GPM, 1/2 HP, 100 PSI, AEC No. DI-140.

Centrifugal, 3/4 GPM, salt water, with discharge pump, 1/2 HP, 100 PSI.

Acid, 2 1/2 GPM, acid, with 1/2 HP, 1/2 motor, S/N 1170, AEC No. DI-412.

Centrifugal, 10 GPM, fresh water, with 1/2 HP, 1/2 motor, S/N 24034, AEC No. DI-351.

Centrifugal, 10 GPM, fresh water, with discharge pump, S/N 10110, AEC No. DI-351.

GENERATORS - Delco, diesel electric, 200 W, 120 V, 30, 60 Hz, AEC No. DI-100.

REFRIGERATOR - General Electric, Cascade, 8 CF, model L7619-412, AEC No. R-414.

REFRIGERATOR - Gibson, 12 CF, model GE-1021, AEC No. R-430.

REFRIGERATOR - Friedrich, 30 CF, S/N US-303-49, AEC No. R-397.

REFRIGERATOR - Hussmann, 150 CF, walk-in, S/N 659406, AEC No. R-446.

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

PROJECTOR - R.C.A., movie, 16mm, model 400, AEC No. CA-1516.

TYPE 1

Building 20' x 18' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Inner side of exterior walls lined with 2,820 SF of plywood. Electrical wiring, outlets and lighting fixtures. Building area 360 SF, cubic content 7,680 CF.

Building 18' x 20' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Two wood frame partitions with 380 SF of plywood form a 9' x 8'-6" supply room and a 9' x 11' dispensary at one end of day room; metal lining and wood framing form a 9' x 8' bar at opposite end. Inner side of exterior walls lined with 2,820 SF of plywood. Plumbing for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 360 SF, cubic content 7,680 CF.

TYPE 2

Building 20' x 18' x 8' eave height on reinforced concrete foundation with concrete floor 3 1/2" thick. Aluminum siding and double roofing. Three walk-in doors with concrete pads. Wood frame partitions with 1,200 SF of floorboard and 250 SF of plywood form a 7' x 9' shower room and a 9' x 13' latrine at one end of barracks. Wood frame partitions and ceiling 8' high covered with 680 SF of plywood enclose a 10' x 10' wander'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 wiring, outlets and lighting fixtures. Building area 360 SF, cubic content 7,680 CF.

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

Concrete pad 3' x 3' x 6" in concrete base and covered by insulated wire cables attached to electrical wiring.

Concrete pad 3' x 3' x 6" high, S.W. of rear shed.

Concrete pad 3' x 3' x 6" high.

Concrete pad 3' x 3' x 6" high to outfall and 150 LF of 8" spiral weld steel pipe outfall.

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 2 #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" VCP from man hole to day room, mess hall and barracks, type 2.

PROPERTY ITEMS

WATER COOLERS - Westinghouse, electric, 10 gallon, model W-200, 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 EB81R-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. Electable wiring, outlets and lighting fixtures. Building area 224 SF, cubic content 1680 CF.

RAVINSOUND 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. 390 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.

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.

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 Homer 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'x18'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'x18'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 Fibreboard and 290 SF of plywood from a 7'x9' shower room and a 9'x3' latrine at one end of the barracks. Wood frame partitions and ceilings 8' high covered with 680 SF of plywood enclose a 10'x10' commander's room and a 10'x8' concourse-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 25'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 enclosing 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 1810 SF of plywood. Plumbing for installed equipment. Aluminum siding, outlets and lighting fixtures. Building area 960 SF, cubic con-

SELF-HELP BARRACKS

A wood frame building 20'x18'x8' eave height on reinforced concrete foundation with aluminum siding and double roofing on shed roof and aluminum siding on main roof. Reinforced concrete foundation with concrete floor 4" thick. Electrical wiring, outlets and lighting fixtures. Building area 256 SF, cubic content 2048 CF.

SUPPLY & OPERATIONS ROOM

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)

RAWINCONDE 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 6244 CF.

MAN HALL

A wood frame building 20'x20'x8' eave height on reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roof. Four walk-in doors with concrete pads. All openings crowned, 350 SF of plywood cover a wood frame partition forming a 10'x20' partition at one end of main hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screening forms a roof structure consisting of 156 SF of wood sheathing along one side of main hall. Inner side of exterior walls lined with 2920 SF of plywood, including for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

CONCRETE PAD

A concrete pad 15'x15'x6" thick, 90' high, on a reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roof. Four walk-in doors with concrete pads. All openings crowned, 350 SF of plywood cover a wood frame partition forming a 10'x20' partition at one end of main hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screening forms a roof structure consisting of 156 SF of wood sheathing along one side of main hall. Inner side of exterior walls lined with 2920 SF of plywood, including for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

CONCRETE PAD

A concrete pad 15'x15'x6" thick, 90' high, on a reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roof. Four walk-in doors with concrete pads. All openings crowned, 350 SF of plywood cover a wood frame partition forming a 10'x20' partition at one end of main hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screening forms a roof structure consisting of 156 SF of wood sheathing along one side of main hall. Inner side of exterior walls lined with 2920 SF of plywood, including for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

CONCRETE PAD

A concrete pad 15'x15'x6" thick, 90' high, on a reinforced concrete foundation with concrete floor 4" thick. Aluminum siding and double roof. Four walk-in doors with concrete pads. All openings crowned, 350 SF of plywood cover a wood frame partition forming a 10'x20' partition at one end of main hall. A wood frame partition covered with 108 SF of plywood and 108 SF of screening forms a roof structure consisting of 156 SF of wood sheathing along one side of main hall. Inner side of exterior walls lined with 2920 SF of plywood, including for installed equipment. Electric wiring, outlets and lighting fixtures. Building area 960 SF, cubic content 7680 CF.

CONCRETE PAD

(NOTE: All figures are direct from 1)

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 roofer 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 pump house to barracks, type 1.

#### SEWER SERVICES

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

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

65 LF of 6" VCP from 6" sewer main to mess hall.

#### PIPING SYSTEM, DISTILLATION BUILDING

1850 LF of 4" poly. intake line from lagoon pump house, 115 LF of 1½" galv. pipe from pump house to distillation building (the 500 lbs. tanks included), and 200 LF of 1" galv. discharge line from distillation building to lagoon.

#### PIPING SYSTEM, QUINCY (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 2R, 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 HRC-14, AEC No. K-958; model HRC-13, AEC No. K-968. (Two)

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

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

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

CHLORINATOR - Chem-o-Feeder, model 4B-2-5D3, 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 243796, 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)

I.D. 19630 - RONGELAP

TOTAL COST - \$25,437.00

PROPERTY ITEMS

OPERATIONAL UNIT - Operation Probes, 200 GPH, model S-200 D-IN, AEC No. DI-301.

OPERATIONAL UNIT, Operation, commercial, 197/200 G, model HRC-14, AEC No. K-965; model HRC-13, AEC  
OPERATIONAL UNIT, Operation, commercial, model GSR-15, AEC No. CA-1630.