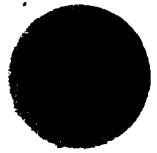


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UNclassified

407996

# COMPLETION REPORT

U. S. ATOMIC ENERGY COMMISSION  
CONTRACT NO. AT-(29-1)-507



## ENIWETOK PROVING GROUND FACILITIES

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### VOL. VIII FACILITIES AND STATIONS

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BEST COPY AVAILABLE

**HOLMES & NARVER, INC.**  
LOS ANGELES, CALIFORNIA

PROPERTY OF  
U. S. GOVERNMENT

STATUS VERIFIED UNCLASSIFIED	
<i>John H. Campbell</i>	OCT 6 1951
John H. Campbell	Date

1 September 1951

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SHN-1497

COMPLETION REPORT

U. S. ATOMIC ENERGY COMMISSION  
CONTRACT NO. AT-(29-1)-507

ENIWETOK  
PROVING GROUND FACILITIES

VOL. VIII

FACILITIES AND STATIONS

HOLMES & NARVER, INC.  
LOS ANGELES, CALIFORNIA

1 September 1951

STATUS VERIFIED UNCLASSIFIED	
<i>John H. Campbell</i>	OCT 6 1981
John H. Campbell	Date

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Rev H + N 5/7/57  
Alvin Paul 5/22/57

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UNclassified ~~D~~

VOLUME 8  
FACILITIES AND STATIONS

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Aomon, Biijiri, Rojoa, and Eberiru Islands -  
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Scientific Structures and Special Programs  
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RESOURCE CENTER  
Las Vegas, NV 89193

Parry Island - Site "B"

**CAUTION**

**ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE**

**CONSTRUCTION REPORT FOR**

**CONTRACT NO. AT-(29-1)-507**

**For: PARRY ISLAND - SITE "B"**

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**STRUCTURE**

**SECRET**  
**CAUTION**

"This document contains information relating to the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sections 793 and 794, and the Transmittal and Control of Information Laws, Title 50, U.S.C., Sections 2382 and 2385. It is to be controlled in accordance with instructions issued hereunder in review of critical information under applicable Federal Laws."

Sheet No.      of     

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All Classified

All Classified

STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.
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ATOMIC ENERGY COMMISSION  
SOUTH WEST OPERATIONS OFFICE

Sheet No. \_\_\_ of \_\_\_

CONTRACT NO. AT-(23-11)-507

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\* Not for use by A-2

For: PARRY ISLAND - SITE "B"

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**ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE**

**COMPLETION REPORT FOR**

For: The Complete Construction of 4 Man Tents  
Building No.: 1 - 50 Inclusive

LOCATION **PARRY ISLAND - SITE "B"**

SHEET NO. 1 of 68  
Page 1

\*Not for use by A-E  
DATE OF THIS REPORT:  
**24 February 1951**

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-5115 2/24/51  
2B-321 2/24/51

JOB NO. **640 - 1F**

CONTRACT NO. AT-129-11-507

**ESTIMATE**

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>4 MAN TENTS</u></b>							
	A four man tent, fly and wood frame anchor bolted to a 4" concrete slab, size 14'-2" x 14'-4", slab area 208 square feet, complete with electric wiring and fixtures.	50	Each					
		1	Each	\$327.22				
			Indirect	232.68		8.83	\$560.73	
	TOTAL COST	50	Units				\$28,036.72	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
24 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5117 2/24/51  
2B-5326 2/24/51

JOB NO. 640 - 1f

CONTRACT NO. AT-(29-11)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of 8 Man Tents

Building No.: 51 Thru 99 & 99A

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>8 MAN TENTS</u>							
	An eight man tent and wood frame anchor bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	50	Each					
		1	Each	\$792.69				
			Direct	563.79		\$2.02	\$1,358.70	
			Indirect					
	TOTAL COST	50	Units				\$67,935.11	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-106 11/30/50
- 2B-113 11/29/50
- 2B-123 12/ 8/50
- 2B-307 11/25/50
- 2B-402 12/ 7/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of 36 Man Quarters

Building No.: 100 to 110 Inclusive and 206

Minor variations in the construction of different buildings  
are indicated on Supplemental Sheets to the As-Built drawings listed

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>36 MAN QUARTERS</b>							
	This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab, complete with electrical wiring and fixtures, fresh and salt water plumbing, telephone installation, and aluminum partitions providing nine (9) rooms, toilet and showers, corridor and vestibule. The size inside is 24'-0" wide x 128'-3 1/2" long x 10'-0" mean height. The total floor area of this building is 3,268 square feet and the cubic content is 30,890 cubic feet.							
	This building contains the following equipment and furniture: One 10 gallon water cooler with drinking fountain; one wall type telephone; two fire extinguishers; six mirrors; 36 aluminum lockers; and 36 beds.							
		12	Each					
		1	Each					
			Direct	\$27,936.00				
			Indirect	10,100.28		\$530.70	\$38,566.98	
	TOTAL COST	12	Units				\$462,803.76	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-105 11/29/50
- 2B-112 11/30/50
- 2B-307 11/25/50
- 2B-401 12/ 7/50
- 2B-916 12/ 8/50

JOB NO. 640 - d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of 18 Man Quarters

Building No.: 111 to 114 and 119 to 130 Inclusive

Minor variations in the construction of different buildings are indicated on Supplemental Sheets to the As-Built drawings listed.

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>18 MAN QUARTERS</b>							
	This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab, complete with electrical wiring and fixtures, fresh and salt water plumbing, telephone installation and aluminum partitions providing 9 rooms, toilet and showers, corridor and vestibule. The size inside is 24'-0" wide x 68'-8 1/2" long x 10'-0" mean height. The total floor area of this building is 1,760 square feet and the cubic content is 16,490 cubic feet.							
	This building contains the following equipment and furniture: One 10 gallon water cooler with drinking fountain; one wall type telephone; one fire extinguisher; 18 aluminum hot lockers; 18 beds; 9 tables; 18 folding chairs; and 4 mirrors.	16	Each					
	NOTE: Buildings No. 111 - 112 - 113 - 114 - 119 each contain one refrigerator.	1	Each	\$15,045.09				
			Direct	5,439.56		\$285.81	\$20,770.46	
			Indirect					
	<b>TOTAL COST</b>	16	Units				\$332,327.47	

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**ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE**

**COMPLETION REPORT FOR**



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(3. 80)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-107 1/4/51 2B-403 1/4/51  
2B-127 1/4/51 2B-407 1/4/51  
2B-182 1/4/51 2B-922 1/4/51  
2B-311 1/4/51

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

4 January 1951

For: The Complete Construction of Infirmary and Nurses Quarters

Building No.: 117 and 118

**ESTIMATE**

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>INFIRMARY AND NURSES QUARTERS</u>							
	<p>These two one story, double roofed, prefabricated aluminum buildings, erected on concrete slabs size 25'-2" x 93'-10 1/2" and 25'-2" x 45'-10 1/2", are complete with electrical wiring and fixtures, aluminum partitions, hot and cold fresh water and salt water plumbing, telephone installations and a 12 station nurses call system. The size of the Infirmary I.D. is 24'-0" wide x 92'-8 1/2" long x 10'-0" mean height, and the Nurses Quarters I.D. is 24'-0" wide x 44'-8 1/2" long x 10'-0" mean height with a total cubic content of 32,980 cubic feet and a total floor area of 3,518 square feet.</p> <p>These buildings are joined "L" shape by a concrete terrace slab size 11'-10" x 93'-10 1/2" and a corrugated aluminum roof, with the balance of the terrace eaving covered. Outside the infirmary, adjacent to the dark room, a refrigerated film developing tank is mounted on a concrete slab. Two entrances to this building are provided with Type "A" screened enclosures. The nurses quarters include the dentists office.</p> <p>The major equipment in the two buildings include the following: One Sterilizer Autoclave, one Electrocardiograph, two I-Ray machines, one refrigerator, one range, one water heater, two water coolers, three sterilizers, one tri dent unit, one pump chair, two suction and pressure units, one Photometer, one Metalulator, one safe, one bakers stove, three cabinets, one cautery-electric, one examination table, one operating table, one explosion proof lamp, one quartz lamp, one fracture bed, one dental lathe and one microscope.</p> <p>The minor equipment and furniture includes all of that which is usually necessary in hospitals and dental offices.</p>	1	Each	Direct \$63,720.28 Indirect 19,925.42		\$884.44	\$884,530.14	



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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-5174 4/19/51  
2B-5175 4/19/51  
2B-5369 5/19/51

JOB NO. 640 - 1

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
19 April 1951

For: The Complete Construction of "Que" House

Building No.: 120

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>"QUE" HOUSE</u></p> <p>Existing building interior remodeled and, to the outside, a lania has been added, size O.D. 48'-8" x 20'-8" with a 2'-0" roof overhang, erected on a 3" concrete floor slab, asphalt tile floor covering, shed roof composition covered and aluminum painted, walls of plywood, louvered sections, openings and door, screened, canvas roll-up curtains, complete with electric wiring and fixtures, and equipment. Total added floor space 1,006 square feet.</p> <p>The installed equipment includes: One electric stove, one sink, one refrigerator, one water heater, and one portable steam table.</p>	1	Each	Direct \$10,633.54 Indirect 11,111.22		\$321.61	\$22,066.37	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



AS-BUILT DRAWING NUMBERS AND DATES:

2B-5159 2/24/51  
2B-5160 2/24/51  
2B-5323 2/24/51  
FS-347 2/24/51

JOB NO. 640 - I (n)  
732

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

\*Not for use by A-E  
DATE OF THIS REPORT:  
24 February 1951

For: The Complete Construction of Loran Station

Building No.: 138, 139, 140

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>LORAN MONITOR - (Building #138)</u>							
	This is a one story, gable roof, wood frame, corrugated aluminum covered sides and roof, erected on a 5" concrete slab size 14'-0" x 18'-0" total floor area 252 square feet, complete with electrical wiring and fixtures.	1	Each				*	
	<u>LATRINE - (Building #139)</u>							
	This is a one story, shed roof, wood frame, sides and roof corrugated aluminum covered, insect tight joints, plastic screened louvers, stake anchored to earth, size 4'-0" x 4'-6" x 7'-9" high, complete with plywood seat and hinged cover, and electric wiring and fixtures.	1	Each				*	
	<u>FOUNDATION FOR KOHLER ELECTRIC PLANT (LORAN STATION) - (Building #140)</u>							
	This is a 9" concrete foundation, surface 3" above grade, size 3'-0" x 6'-0" with 4 imbedded anchor bolts, total 18 square feet.	1	Each				*	
	* NOTE: Costs of this feature included with similar group on Site "A".							

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SANTA FE OPERATIONS OFFICE**

**COMPLETION REPORT FOR**

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Page 142

AS-BUILT DRAWING NUMBERS AND DATES:

F.S. - 120

JOB NO. 640

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

\*Not for use by A-E  
DATE OF THIS REPORT:

For: The Complete Construction of Garbage Can Wash House

Building No.: 150

## ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>GARBAGE CAN WASH HOUSE - Building #150</u></p> <p>One story wood construction; rectangular shape; size O.D. 10'-5 1/4" x 10'-8 3/4" x 10'-0"; set on 6" x 6" concrete curb on 5" thick reinforced concrete slab, 10'-7 1/4" x 14'-10 3/4", elevated 4'-0" above grade; slab on compacted sand fill and concrete retaining walls; concrete ramp - 4'-0" - 10'-0" from grade to floor elevation; floor sloped to drainage pit at end of building. Walls 2" x 4" framing with 3/4" plywood to a height of 4'-0" above curbing. Upper portion of walls of insect proof plastic screen. Roof 2" x 4" rafters, 1" x 6" purlins and corrugated aluminum roofing. Electric service; plumbing and steam piping. Floor area 158 square feet; cubic contents 910 cubic feet; ramp area 40 square feet.</p>	1	Each					
			Direct	\$1,882.40				
			Indirect	1,888.62			\$3,771.02	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

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(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:  
PS-365-1 2/24/51  
PS-365-2 2/24/51

JOB NO. 640

CONTRACT NO. AT-(129-11)-507

LOCATION PARRY ISLAND - SITE "B"

\*Not for use by A-E  
DATE OF THIS REPORT:  
24 February 1951

For: The Complete Construction of Beach Houses

Building No.: 151 and 152

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BEACH HOUSES</u>							
	This is a one story wood frame, shed roof of felt composition, sheet metal siding, erected on a 6" concrete slab 32'-0" x 47'-0" which includes an 8'-0" terrace, total floor area 1,504 square feet, complete with electric wiring and fixtures, and fresh and salt water plumbing.							
	Installed equipment includes: One 20 cubic foot refrigerator in Bldg. #151; and one 40 cubic foot refrigerator in Bldg. #152.							
		2	Each					
		1	Each					
			Direct	\$5,895.83				
			Indirect	5,212.07		\$210.57	\$11,318.47	
	TOTAL COST	2	Units				\$22,636.95	

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AS-BUILT DRAWING NUMBERS AND DATES:  
FS-379 5/4/51

JOB NO. 640 - 1

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
4 May 1951

For: The Complete Construction of Operations Shack  
Building No.: 164

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>OPERATIONS SHACK</u>  This is a one story, shed roof, wood and aluminum building, size O.D. 16'-0" x 30'-0" x 9'-0" high (mean), erected on an existing concrete slab. Complete with electric wiring and fixtures and telephone installation, floor area O.D. 480 square feet.	1	Each  Direct Indirect	\$2,569.18 2,590.03			\$5,159.21	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-133 12/ 9/50
- 2B-136 12/ 9/50
- 2B-322 12/12/50

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
12 December 1951

For: The Complete Construction of Open Air Motion Picture Theatre

Building No.: 200

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE				*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	
	<p><u>OPEN AIR MOTION PICTURE THEATRE</u></p> <p>This facility consists mainly of a Shelter Structure, wood frame, anchored to reinforced concrete piers, roofed with corrugated aluminum, sides and ends open except for wood sheathed wall sections at the four corners and roll-up canvas curtains closing the remaining sections of the rear wall. Platform flooring is elevated by four step-up sections toward the rear. The size of the structure under roof is 36'-6" x 84'-6", a total of 3,084 square feet.</p> <p>The Projection Room, on top of the shelter structure, is wood frame covered with corrugated aluminum, both roof and sides. Stairs and a walkway with handrails lead up to the projection room from the rear of the shelter structure. The size of the Projection Room is 8'-0" x 11'-6", a total of 92 square feet.</p> <p>The Screen Structure, located 60'-6" from the Projection Room, is of wood frame construction 16'-0" wide and 19'-6" high, mounted on and braced from reinforced concrete anchor piers.</p> <p>A Boxing Arena, size 24'-0" x 24'-0" and elevated 3'-0" above ground, is located directly in front of and at the base of the screen structure. The Arena is constructed of heavy timber, and the flooring of 2" x 6" planks totals 576 square feet.</p> <p>Electrical wiring, fixtures and equipment include two projectors, two speakers, and flood lights.</p> <p>Seating facilities consist of 40 folding chairs and 1,084 lineal feet of benches with back rests for a total seating capacity of 658 men.</p>	1	Each	Direct \$12,016.95 Indirect 5,976.38		\$271.89	\$18,265.22	

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RESOURCE CENTER

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 12 OF 68  
Pages 36, 36A, 36.1  
\*Not for use by A-E  
DATE OF THIS REPORT:  
2 December 1950  
19 January 1951  
19 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-102 12/2/50 2B-165 12/2/50 2B-405 12/2/50  
2B-134 12/2/50 2B-166 12/2/50 2B-406 12/2/50  
2B-137 12/2/50 2B-308 12/2/50 2B-427 12/2/50  
2B-309 12/2/50 2B-455 12/2/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(129-11)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Mess Hall

Building No.: 201

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>MESS HALL - (400 Man Capacity)</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a concrete floor slab, complete with electrical wiring and fixtures, fresh and salt water plumbing, telephone installation, and aluminum partitioning. The central portion of this building is 24'-0" wide x 129'-5" long x 10'-0" high; the North wing is 24'-0" wide x 104'-4 1/2" long x 10'-0" high; and the South wing is 24'-0" wide x 104'-4 1/2" long x 10'-0" high. The total floor area of this building is 8,559 square feet, and the total content is 81,150 cubic feet.</p> <p>This building contains the following equipment and furniture: 50 eight man tables; 400 folding chairs; two batteries of three each coffee urns, with aluminum hoods and exhaust fans; two ranges and one bake oven - oil fired, with stainless steel hoods, grease arresters, and exhaust fans; one dishwasher with aluminum hood and exhaust fan; three 400 cubic foot walk-in refrigerators with compressor and 3 HP motor; one 80 cubic foot and one 40 cubic foot reach-in refrigerator; two 25-gallon water coolers; one Salvajor; three double stainless steel sinks; two refrigerated cold pans; two gravity feed slicers, one Bain Marie; one stainless steel cook's sink; one meat block; two griddles; two fryers; one mixer; one pressure cooker; two steam kettles; one food cutter; one peeler; one stainless steel table with bins; one galvanized steel table with bins; two stainless steel dish tables; one galvanized steel cook's table; six stainless steel work tables; two wall clocks.</p> <p>Indoor piping systems above ground for both hot and cold water of aluminum pipe, and steam and condensate of steel pipe properly supported and insulated serve the various locations and equipment as required and lead outdoors to the adjacent Bakery, Boiler House, and Garbage Can Washing Buildings. Plumbing and underground piping includes a fuel oil piping system leading from an 800 gallon oil storage tank mounted outside the building. Other features outside this building are a one ton "Flakice" Machine mounted on a 150 square foot concrete slab and enclosed with a Type "B" enclosure; one 10 gallon water cooler with drinking fountain mounted on an 11 square feet concrete pad; and one 150 cubic foot portable walk-in refrigerator. All shutter openings are screened, and exit doors are provided with screened enclosures. The dimensions of this building are taken from the inside.</p> <p>Continued on the next page.</p>							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-5683 1/19/51 2B-5444 1/19/51  
2B-5156 1/19/51 FS-383 4/19/51  
2B-5320 1/19/51 FS-386 4/19/51

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

2 December 1950  
19 January 1951  
19 April 1951

For: The Complete Construction of Mess Hall

Building No.: 201

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>MESS HALL ADDITION</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 104'-8 1/2" x 12'-0" high; set on 5" thick concrete slab; double roof, separated by 2" x 4" redwood; vented window panels, screened; with electrical services; plumbing; floor area O.D. 2,806 square feet; cubic content I.D. 26,700 cubic feet. This structure is parallel to and joins existing building. Panels and shutters of side wall of existing building moved to exterior wall of this addition. Area between structures 2'-6", covered by special end panels and building connection with gutter sloped to each end.</p> <p>Installed equipment includes one coffee urn and stand and one ice cream cabinet.</p> <p><u>ADDITIONS TO MESS HALL GALLEY, BAKERY, AND SCULLERY - FS-383 &amp; FS-386 - 4/19/51</u></p> <p>The additions to this building include an 8'-0" extension to the scullery, erected on a 5" concrete slab, size 25'-2" x 8'-0", 201 square feet, and the extension of the galley to join the bakery, size approximately 38' x 54' plus additional equipment slabs equals 2,305 square feet. These additions are of the same type, double roof prefabricated aluminum construction as the original building and are complete with electric wiring &amp; fixtures and plumbing and piping. The additional installed equipment includes: One refrigerator, one water cooler, one coffee urn, two tables, two ice cream freezers, and one dishwasher.</p>	1	Each	Direct \$216,439.46 Indirect 89,108.93		\$3,436.71	\$308,985.10	

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ATOMIC ENERGY COMMISSION  
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COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-103 12/12/50
- 2B-126 12/12/50
- 2B-309 12/ 9/50
- 2B-408 12/12/50

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT: 12 December 1950

For: The Complete Construction of a Bakery

Building No.: 202

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>BAKERY BUILDING</u>	<p>This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab; the slab includes an 18" thick oven foundation, size 11'-2" x 10'-1"; complete with electrical wiring and fixtures; the plumbing includes piping for hot and cold water, steam, and condensate, and an oil line; telephone installation, and aluminum partitioning. The size of this building inside is 24'-0" wide x 48'-8 1/2" long x 10'-0" high. The total floor area of this building is 1,255 square feet, and the total content is 11,688 cubic feet.</p> <p>A concrete slab 8'-0" x 10'-0" provides a foundation for a covered passage way to the adjoining Mess Hall; a 300-gallon oil storage tank is mounted on concrete piers 4'-0" above ground at the Northwest corner of the building; all windows and exit doors are screened.</p> <p>This building contains the following equipment and furniture: One 60 cubic foot and one 80 cubic foot reach-in refrigerators; one single and one double stainless steel sinks; two ice cream cabinets; one freezer; one hardening cabinet; three mixers; one steam kettle; one doughnut kettle; one bake oven with hood and exhaust fan; one fan with stand; one scale; one juice extractor; two proof boxes; two bread racks; one bun divider; one stainless steel bin; one bench; one fry kettle; and three work tables.</p>	1	Each	Direct \$25,701.52 Indirect 5,691.73		\$407.77	\$31,801.02	

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-104 11/18/50
- 2B-129 12/12/50
- 2B-308 12/ 9/50
- 2B-309 12/ 9/50
- 2B-408 12/12/50

JOB NO. 640 - d

CONTRACT NO. AT-(129-11)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
12 December 1950

For: The Complete Construction of the Mess Hall Boiler House

Building No.: 203

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>MESS HALL BOILER HOUSE</u></p> <p>This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 25'-10 1/2", complete with electrical wiring and fixtures, plumbing and piping and telephone installation. The building is I.D. 24'-0" wide x 24'-8 1/2" long x 10'-0" mean height with a cubic content of 5,930 cubic feet and a total floor area of 651 square feet.</p> <p>This building contains the following equipment: One 50 HP oil fired boiler mounted on an 18" thick concrete foundation, one 1,200 gallon hot water tank, piping for hot and cold water, steam, condensate and fuel oil, with all the necessary appurtenances such as traps, pressure regulating stations, temperature controls, and a boiler feed water heater (Demerator) mounted outside on a reinforced concrete foundation tower with a 5'-0" octagonal base 2'-0" thick and a 26" square tower 7'-6" high. A 1,200 gallon fuel oil tank mounted outside on concrete piers is piped to supply fuel oil to the boiler. The building has in addition to the regular entrance door a sliding door for a 6'-11 1/2" wide wall opening. This Boiler House serves hot water and steam to the adjacent Mess Hall, Bakery, Snack Bar, and Barber Shop.</p>	1	Each	Direct Indirect \$18,930.28 5,452.14		\$150.70	\$24,533.12	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 16 OF 68

\*Not for use by A-E Pages 41 & 41.1

DATE OF THIS REPORT:  
16 November 1950  
19 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-119 11/16/50
- 2B-176 11/16/50
- 2B-338 11/16/50
- 2B-432 11/16/50
- FS-425 4/19/51

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of P.X., Barber Shop, & Post Office Bldg. & Addition  
Building No.: 204

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>P.X., BARBER SHOP, AND POST OFFICE BUILDING</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 104'-8 1/2" x 12'-0" high; set on 5" thick concrete slab; double roof, separated by 2" x 4" redwood; vented window panels; aluminum partitions; with electrical services; hot water service; plumbing; floor area O.D. 2,665 square feet; cubic content I.D. 25,130 cubic feet; includes 8 rooms with built-in wood shelving, counters, cabinets, tables, stands, service windows, mail boxes, etc., approximately 2,000 B.F. of lumber, metal exhaust hood and ventilator, CO #36, FS 172, CO #50, FS 156.</p> <p>Major installed equipment and furniture includes: One refrigerator, one battery coffee urn, two cash registers, one soda bar, one pie case, one beverage cooler, one sandwich table, one ice cream cabinet, one pop corn machine, two barber chairs, and one refrigerator display case.</p> <p>The addition and remodeling of this building was as follows: A new 5" concrete floor slab, size 25'-2" x 25'-2", (630 square feet) added to existing slab, upon which was erected a one story, double roof, prefabricated aluminum addition, complete with electric wiring and fixtures and plumbing and fixtures. The Barber Shop was enlarged and new equipment installed. The P.X. was rearranged and new shelving and counters installed, the new Snack Bar now has space for table service. Additional installed equipment includes: Two barber chairs, exhaust fan and hood, refrigerator, and water cooler.</p>	1	Each					
			Direct	\$44,720.80				
			Indirect	27,169.02		\$621.00	\$72,510.82	

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**COMPLETION REPORT FOR**

**[REDACTED]**

SHEET no. 17 of 68

SFO-43 a  
(3-50)

\*Not for use by A-E Page 44

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

13 November 1950

2B-118 11/13/50  
2B-151 11/13/50  
2B-323 11/13/50  
2B-426 11/13/50

For: The Complete Construction of Fire Station and Security Building

Building No.: 205

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>FIRE STATION AND SECURITY OFFICE BUILDING</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 52'-8 1/2" x 12'-0" high; set on 5" thick reinforced concrete slab with drain facilities; double roof, separated by 2" x 4" redwood; vented window panels; aluminum partitions; with electrical services; plumbing; floor area O.D. 1,355 square feet; cubic content I.D. 12,650 cubic feet, including engine room and shelves, Security Office, bedroom, toilet room and shower.</p> <p>Outside Hose Rack - Per FS #137, Change Order #37.</p> <p>Installed equipment includes: Two telephones and one water cooler.</p>	1	Each	Direct \$10,919.87 Indirect 4,787.95		\$231.38	\$15,939.20	

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DATE OF THIS REPORT:  
24 February 1951

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of H & N Administration Building  
Building No.: 208

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>H &amp; N ADMINISTRATION BUILDING</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a 5" concrete slab, size 176'-3/4" x 25'-2" and an East wing 102'-8 1/2" x 25'-2", total floor area, 7,050 square feet, complete with electric wiring and fixtures, fresh and salt water plumbing, telephone installations, storage hot locker and an adjoining reinforced concrete vault, size O.D. 9'-0" x 11'-10 1/2" x 9'-0" high with 6" floor slab and foundation, telephone exchange and dehumidification equipment.</p> <p>Installed equipment includes: Three water coolers with drinking fountains, two clocks, one blue print machine, and a blue print cabinet.</p>	1	Each	Direct \$55,678.05 Indirect 27,602.51		\$1,126.82	\$84,407.38	

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-193 12/15/50 2B-346 12/15/50  
2B-194 12/15/50 2B-441 12/15/50  
2B-195 12/15/50 FS-378 3/19/51

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
19 March 1951

For: The Complete Construction of Scientists Administration Building

Building No.: 209

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Unit
	<u>SCIENTISTS' ADMINISTRATION BUILDING</u>							
	This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 125'-10 1/2" and 25'-2" x 50'-8 1/2", complete with electrical wiring and fixtures, telephone installations, fresh and salt water plumbing, one 10 gallon water cooler with drinking fountain, aluminum partitioned rooms, corridors and toilet. The size I.D. is 24'-0" wide x 124'-8 1/2" long x 10'-0" mean height with a total cubic content of 41,460 cubic feet and the total floor area is 4,388 square feet.	1	Each	Direct \$33,209.64 Indirect 17,137.96		\$684.51	\$51,112.01	

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-142 1/19/51
- 2B-379 1/19/51
- 2B-449 1/19/51
- 2B-924 1/19/51
- 2B-925 1/19/51

JOB NO. 640 - 1

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Photo Laboratory

Building No.: 210

DATE OF THIS REPORT:  
19 January 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>PHOTO LABORATORY BUILDING</u>	<p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 88'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof separated by 2" x 4" redwood; vented window panels; aluminum partitions; wood counter, benches and shelving; with electrical services and dark room lighting; plumbing; dehumidification equipment; dark rooms, storage rooms, and work rooms finished for humidity control and insulated with fiberglass; floor area O.D. 2,262 square feet; cubic content I.D. 21,290 cubic feet.</p> <p>Installed equipment and furniture includes: Three anhydrators; eight sinks, 48" x 27" x 10"; one sink, 84" x 27" x 5"; one 7 cubic feet refrigerator; one 15 cubic feet refrigerator; one print washer; one print drier; one circulating pump unit; two dehumidification units; one coil refrigeration; one storage tank; one refrigeration unit, 5 HP.</p>	1	Each Direct Indirect	\$68,089.35 22,373.80		\$830.47	\$91,293.62	

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SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-188 1/19/51
- 2B-151 1/19/51
- 2B-347 1/19/51
- 2B-438 1/19/51
- 2B-189 1/19/51

JOB NO. 640 - 1

CONTRACT NO. AT-(29-11)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
19 January 1951

For: The Complete Construction of Instrument Laboratory

Building No.: 211

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>INSTRUMENT LABORATORY BUILDING</u>							
	One story aluminum construction; tee shaped; size I.D. 24'-0" x 128'-8 1/2" and 24'-0" x 74'-8 1/2" x 12'-0" high; set on 5" thick concrete slab (1,000 square feet only reinforced); double roof, separated by 2" x 4" redwood; vented window panels; aluminum partitions; with electrical services; plumbing; humidity control; floor area O.D. 5,179 square feet; cubic content 48,820 cubic feet. Benches and bins.							
	Installed equipment includes: One dehumidification unit, one drill press, one grinder, one lathe, one shaper, one milling machine, one drill press - 3/16" to 3/4", one contour saw, one saw, one 3/4 HP grinder, and one water cooler with drinking fountain.							
		1	Each					
			Direct Indirect	\$94,950.02 46,659.18		\$1,158.52	\$142,767.72	

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SANTA FE OPERATIONS OFFICE

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\*Not for use by A-E

DATE OF THIS REPORT:  
19 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-y27 1/19/51  
2B-344 1/19/51  
2B-433 1/19/51

JOB NO. 640 - 1d & e

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "D"

For: The Complete Construction of Counting and Sampling Laboratory

Building No.: 212A, 212B, 212C

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>COUNTING AND SAMPLING LABORATORY - Bldg. 212-A</u>							
	One story aluminum construction; rectangular shape; size I.D. 16'-8 1/2" x 24'-0" x 12'-0" high; set on 5" thick concrete slab; double roof, separated by 2" x 4" redwood; with electrical services; plumbing; floor area O.D. 450 square feet; cubic content I.D. 4,010 cubic feet. Finished for humidity control.	1	Each					
	<u>COUNTING AND SAMPLING LABORATORY - Bldg. 212-B</u>							
	One story aluminum construction; rectangular shape; size I.D. 24'-0" x 24'-8 1/2" x 12'-0" high; set on 5" thick concrete slab; double roof, separated by 2" x 4" redwood; vented window panels; with electrical services; floor area O.D. 652 square feet; cubic content I.D. 5,930 cubic feet. Installed equipment includes: One roof hood exhauster.	1	Each					
	<u>COUNTING AND SAMPLING LABORATORY - Bldg. 212-C</u>							
	One story wood and felt construction (Earth Covered); rectangular shape with tunnel entrance; set on 8" thick reinforced concrete slab and 8" x 1'-6" concrete walls; size I.D. 6'-0" x 6'-0" x 7'-0", with 11'-4" x 4'-6" tunnel entrance; flat roof separated by 2" x 8" and 2" x 4"; exhaust duct; no windows or partitions; with electrical services; plumbing; floor area O.D. 54 square feet; cubic content I.D. 252 cubic feet. (Tunnel not included in area and cubic content.) Installed equipment includes one roof exhauster.	1	Each					
	TOTAL Bldg. 212-A		Direct	\$10,952.75				
			Indirect	4,256.71		\$133.61	\$15,343.07	
	TOTAL Bldg. 212-B		Direct	\$8,998.83				
			Indirect	5,652.64		\$109.84	\$14,761.31	
	TOTAL Bldg. 212-C		Direct	\$1,450.48				
			Indirect	592.60		\$25.70	\$2,068.78	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 23 of 68

\*Not for use by A-E Page 68

SFO-43  
(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-5123 2/24/51

JOB NO. 640 - 1a

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
24 February 1951

For: The Complete Construction of Telephone Shelter and Guard Posts

Building No.: 213, 214, 332, and 408

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>TELEPHONE SHELTER - Bldg. #408</u></p> <p>This is a one story shed roof, wood frame corrugated aluminum covered sides and roof, anchored to a 5" concrete floor slab, size 8'-0" x 12'-0", slab area 96 square feet complete with electric wiring and fixtures, telephone installation and wood benches.</p>	1	Each				*	
	<p><u>GUARD POSTS - Bldgs. #213, #214, &amp; #332</u></p> <p>This is a one story shed roof, wood frame, corrugated aluminum covered roof, plywood siding, 2" x 6" plank floor, on runners, size 4'-0" x 4'-0" x 8'-0" high, 16 square feet floor area, complete with electric wiring and fixtures and telephone installation.</p>	3	Each				*	
	<p>TOTAL - 3 Units</p> <p>* NOTE: No costs recorded. Minor items included in Building and Facilities where used.</p>		<p>Direct</p> <p>Indirect</p>					

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-152 11/16/50
- 2B-155 11/16/50
- 2B-225 11/16/50
- 2B-428 11/24/50

JOB NO. 640 - 1d

CONTRACT NO. AT-[29-1]-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
24 November 1950

For: The Complete Construction of Day Room Buildings

Building No.: 216 and 222

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>DAY ROOM BUILDING #216</u>  This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 73'-10 1/2", complete with electrical wiring and fixtures, telephone installation, fresh and salt water plumbing, and aluminum partitions. The size I.D. is 24'-0" wide x 72'-8 1/2" long x 10'-0" mean height with a cubic content of 17,450 cubic feet and a total floor area of 1,860 square feet. Furnished and equipped as a reading room with one 10 gallon water cooler.	1	Each					
			Direct	\$12,756.55				
			Indirect	4,869.67		\$292.16	\$17,918.38	
	<u>DAY ROOM BUILDING #222</u>  This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 73'-10 1/2", complete with electrical wiring and fixtures, telephone installation, fresh and salt water plumbing, and aluminum partitions. The size I.D. is 24'-0" wide x 72'-8 1/2" long x 10'-0" mean height with a cubic content of 17,450 cubic feet and a total floor area of 1,860 square feet. Furnished and equipped as a pool hall and includes four pool tables, and one 10 gallon water cooler.	1	Each					
			Direct	\$14,177.64				
			Indirect	4,966.40		\$304.62	\$19,448.66	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SFO-42 e  
(2. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-109-1 12/18/50 2B-114-2 12/18/50  
2B-114-1 12/18/50 2B-310-2 12/23/50  
2B-310-1 12/26/50 2B-404-2 12/18/50  
2B-404-1 12/18/50 FS-331-1 1/19/51  
2B-109-2 12/18/50 FS-331-2 1/19/51  
FS-331-3 1/19/51

JOB NO. 640 - 1g

CONTRACT NO. AT-(29-11)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Reefer Building and Chill Storage Building

Building No.: 217 and 238

\*Not for use by A-E

DATE OF THIS REPORT:

26 December 1950  
19 January 1951

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>REEFER BUILDING</b>							<p><b>CAUTION</b></p> <p>"This document contains information regarding the National Defense of the United States. Its transmission or the disclosure of its contents in any manner to an unauthorized person is prohibited and may result in severe criminal penalties under applicable Federal Laws."</p>
	<p>This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab, size 25'-2" x 157'-10 1/2", elevated 4'-0" above grade by a concrete foundation with a concrete loading platform, ramp, and steps; the elevated loading platform is 6'-0" wide x 149'-6 1/2" long with a 6" x 8" wood bumper and aluminum canopy covered; the ramp is 6'-0" wide and 40'-0" long. The building is complete with electrical wiring and fixtures, telephone installation, plumbing and hot water piping, six sliding doors, and a wooden built-in butcher shop. The size of the building I.D. is 24'-0" wide x 156'-8 1/2" long x 10'-0" mean height, with a cubic content of 37,610 cubic feet and a total floor area of 3,974 square feet.</p> <p>Installed equipment includes: Two walk-in refrigerators - 42'-6" x 12'-0" x 8'-6" with four compartments, three walk-in refrigerators - 1200 cu. feet, one meat slicer, one meat saw, two meat blocks, four germicidal lamps, one baker table, one meat grinder, one tenderizer, one work table, one sink, one thawing rack with pans, and one water heater.</p>	1	Each					
	<b>CHILL STORAGE BUILDING</b>							
	<p>One story concrete block construction; rectangular shape; size I.D. 22'-0" x 48'-0" x 14'-0"; set on 6" thick reinforced concrete slab. Double corrugated aluminum roof separated by 2" x 4" parting strips; 2" x 4" furring strips on inside of concrete block walls. Space between furring strips and between ceiling joists filled with rock-wool insulation. Plywood panels, 1/2", cover insulation in walls and ceiling; six elevated concrete pads, with plywood shelters for refrigeration units. Entrance air lock with two sets of doors; reinforced concrete ramp and entry slab 7'-0" x 12'-0" x 4" thick - 84 square feet. Electric service; plumbing. Five refrigeration units. Floor area O.D. 1,200 square feet; cubic content I.D. 10,560 cubic feet.</p>	1	Each					
	Reefer Bldg. & Chill Storage Bldg.			Direct \$44,964.80 Indirect 30,775.50		\$856.54	\$76,596.84	
	Refrigeration Plant Equipment			Direct \$103,424.29 Indirect 15,349.07		\$8,973.19	\$127,746.55	
	<b>TOTAL</b>			Direct \$148,389.09 Indirect 46,124.57		\$9,829.73	\$204,343.39	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
27 December 1950

AS-BUILT DRAWING NUMBERS AND DATES:

2B-918	12/27/50	2B-923	12/27/50
2B-929	12/27/50	2B-381	12/27/50
2B-476	12/27/50	2B-652	12/27/50
2B-938	12/27/50	FS-291-1	12/27/50
2B-5134	12/27/50	FS-291-2	12/27/50
		FS-291-3	12/27/50

JOB NO. 640 - 1

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Task Force Headquarters Building  
Building No.: 221

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<p><u>TASK FORCE HEADQUARTERS BUILDING</u></p> <p>One story aluminum construction; "E" shaped; size I.D. 24'-0" x 152'-8 1/2" x 12'-0" high, with three 24'-0" x 106'-8 1/2" x 12'-0" high wings; set on 5" thick concrete slab; double roof, separated by 2" x 4" redwood; vented window panels; aluminum partitions; cabinets, shelving, map boards, tables; weather proofing and insulation; two concrete walks 4'-0" x 35'-0"; communication facilities consisting of two elevated catwalks, 8'-3" x 8'-0", each mounted on two poles extending 40 feet above ground with a messenger cable running between North and South catwalks; two 10 KVA electric plants mounted on a reinforced concrete slab 10'-0" x 10'-0", located 55 feet west of north-west corner of building; two runs of 2" conduit, underground, extending from slab to teletype room of building; with electrical services; plumbing; floor area O.D. 11,930 square feet; cubic content I.D. 113,482 cubic feet.</p> <p>Installed equipment and furniture includes: Four water coolers with drinking fountains, one door vault, and two exhaust fans.</p>	1	Each	Direct \$91,327.76 Indirect 46,619.43		\$1,871.16	\$139,818.35	

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COMPLETION REPORT FOR

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SHEET NO. 27 of 68

\*Not for use by A.E. Pages 80 & 81

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(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
16 November 1950

2B-125 11/16/50  
2B-135 11/16/50  
2B-183 11/16/50  
2B-321 11/16/50  
2B-425 11/16/50

For: The Complete Construction of Showers and Latrine, 100 Man Capacity

Building No.: 227 and 228

Minor variations in construction of these two buildings are indicated on Supplemental Sheets to the As-Built Drawings listed

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>LATRINE AND SHOWERS BUILDING - 100 Man Capacity</u>							
	This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab, size 25'-2" x 37'-10 1/2", complete with electrical wiring and fixtures, fresh and salt water plumbing, and aluminum partitions. The size I.D. is 24'-0" wide x 36'-8 1/2" long x 10'-0" mean height with a cubic content of 8,810 cubic feet and a floor area of 953 square feet.							
	The equipment includes: Six toilets, six toilet enclosures, six urinals, 16 lavatories, 10 shower heads, eight mirrors, three duckboards, and, outside mounted on a concrete pad, one water cooler with a drinking fountain.							
	1 Unit	2	Each	\$11,431.26		\$147.77	\$18,719.16	
			Direct	7,140.13				
			Indirect					
	TOTAL - 2 Units						\$37,438.33	

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AS-BUILT DRAWING NUMBERS AND DATES:  
2B-960 12/15/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:  
15 December 1950

For: The Complete Construction of a Telemeter Receiver Building

Building No.: 229

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TELEMETER RECEIVER BUILDING</u>							
	This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 13'-10 1/2", complete with electrical wiring and fixtures and a telephone installation, the size I.D. is 24'-0" wide x 12'-8 1/2" long x 10'-0" mean height with a cubic content of 3,050 cubic feet and a total floor area of 349 square feet.							
	This building contains the following equipment: Two work benches and a computing table.							
		1	Each Direct Indirect	\$11,037.95 9,377.73		\$100.94	\$20,516.62	

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(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-030 11/18/50  
2B-648 11/18/50  
2B-994 11/18/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

\*Not for use by A-E  
DATE OF THIS REPORT:  
18 November 1950

For: The Complete Construction of Commissary Building

Building No.: 230

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>COMMISSARY BUILDING</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab size 25'-2" x 69'-10 1/2" complete with electrical wiring, and telephone installation, fire extinguisher, fixtures, and two sliding doors. The size I.D. is 24'-0" wide x 68'-8 1/2" long x 10'-0" mean height with a cubic content of 16,190 cubic feet and a total floor area of 1,760 square feet.</p>	1	Each					
			Direct	\$7,801.53				
			Indirect	2,674.45		\$272.90	\$10,748.88	

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DATE OF THIS REPORT:  
19 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-391 1/19/51  
2B-5118.4 1/19/51  
2B-5411 1/19/51

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Laboratory Building

Building No.: 231

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>LABORATORY BUILDING</u>	<p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 28'-8 1/2" x 12'-0"; set on 5" thick reinforced concrete slab; double roof, separated by 2" x 4" redwood; vented window panels; aluminum partitions; with electrical services; plumbing; dehumidification equipment; floor area O.D. 752 square feet; cubic content I.D. 6,890 cubic feet. Cabinet, shelving and benches. Hoist rail and frame over 8" thick reinforced concrete slab, 15'-5" x 12'-6" - 193 square feet.</p> <p>Installed equipment includes: One dehumidification unit, two laboratory tables, one hood assembly, one exhaust fan, and one still.</p>	1	Each Direct Indirect	825,540.33 7,655.78		\$311.49	\$833,507.60	

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-067 1/19/51  
2B-5133 1/19/51  
2B-5121 1/19/51  
2B-5615 1/19/51

JOB NO. 640 - 1

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
19 January 1951

For: The Complete Construction of Scientific Users Building

Building No.: 232

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SCIENTIFIC USERS BUILDING</u>							
	One story aluminum construction; rectangular shape; size I.D. 24'-0" x 56'-8 1/2" x 12'-0"; set on 5" thick reinforced concrete slab; double roof, separated by 2" x 4" redwood; vented window panels; wood partitions; work benches; with electrical services; plumbing; dehumidification equipment; floor area O.D. 1,456 square feet; cubic content I.D. 13,610 cubic feet.							
	Installed equipment includes: Three dehumidification units.							
		1	Each					
			Direct Indirect	\$10,997.25 5,685.07		\$226.53	\$16,908.85	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-5161 2/24/51  
2B-5326 2/24/51  
2B-5446 2/24/51

JOB NO. 640 - 1d

CONTRACT NO. AT-(129-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

24 February 1951

For: The Complete Construction of Showers and Latrine, 100 Man Capacity

Building No.: 233, 234, 235, and 236

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>SHOWERS AND LATRINE - 100 Man Capacity</u></p> <p>A one story wood frame gable roof and sides corrugated aluminum covered, on 6" concrete finished floor slab with 4" x 4" curbing for all walls and partitions, size O.D. 25'-0" x 36'-0" x 10'-0", complete with electric wiring and fixtures, fresh and salt water plumbing, total floor area 900 square feet.</p> <p>The equipment includes: Six toilets, six toilet enclosures, six urinals, 16 lavatories, 10 shower heads, eight mirrors, three duckboards, and, outside mounted on a concrete pad, one water cooler with a drinking fountain.</p>	4	Each					
	1 Unit		Direct	\$10,795.52		\$139.55	\$17,678.11	
			Indirect	6,743.04			\$70,712.46	
	TOTAL - 4 Units							

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SFO. 43 a  
(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

FS-382-1 2/24/51  
FS-382-2 2/24/51

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
24 February 1951

For: The Complete Construction of Recreation Building

Building No.: 237

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>RECREATION BUILDING</u></p> <p>This is a one story, double roof, prefabricated aluminum building erected on a 5" concrete floor slab, size 25'-2" x 145'-10 1/2", complete with electric wiring and fixtures and fresh and salt water plumbing. The inside dimensions 144'-8 1/2" x 24'-0" x 10'-0" high gives a cubic content of 34,730 cubic feet and a floor space of 3,473 square feet.</p> <p>Installed equipment includes: One water cooler with drinking fountain.</p>	1	Each	<p>Direct \$21,589.56</p> <p>Indirect 8,732.99</p>		\$509.80	\$30,832.35	

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COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
23 December 1950  
19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-117	12/23/50	11B-326	3/19/51	11B-413	3/19/51	11B-418	3/19/51
2B-128	12/23/50	11B-336	3/19/51	11B-414	3/19/51	11B-419	3/19/51
2B-319	12/23/50	11B-410	3/19/51	11B-415	3/19/51	FS-252-1	3/19/51
11B-413	12/23/50	11B-411	3/19/51	11B-416	3/19/51	FS-252-2	3/19/51
11B-417	12/23/50	11B-412	3/19/51	11B-417	3/19/51	FS-341	3/19/51

JOB NO. 640 - 1d & 1j

CONTRACT NO. AT-(29-11)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of P.O.L. Pump House and Facilities

Building No.: 300, 153 thru 158, 162, 304, 305, and 307

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>PUMP HOUSE - Building #300</u></b>  One story aluminum construction; rectangular shape; size I.D. 24'-0" x 32'-8 1/2" x 12'-0"; set on 6" thick reinforced concrete slab; double roof separated by 2" x 4" redwood; vented window panels; sliding door; piping, including strainers, pressure regulating valves, and clayton control valves, etc.; with light and power services; plumbing; floor area O.D. 852 square feet; cubic content I.D. 7,850 cubic feet.  Installed equipment includes: Four pump units, two air eliminators, two roto motors, four dehydrators, and one telephone.	1	Each					
	<b><u>P.O.L. FACILITIES</u></b>  The P.O.L. Facilities; within a 5' chain link and barbed wire fenced enclosure, approximately 150' wide by 400' long, having six 10' gates and three 3' gates, and a system of stabilised dikes providing drainage to a large borrow pit outside and adjacent to the enclosure, include the following:  <b><u>GASOLINE STORAGE - Structure #307</u></b>  Consists of one 1000 barrel (42,000 gallon) steel cylinder tank vertically mounted on compacted sand and crushed rock foundation and four 10,000 gallon (40,000 gallon) steel cylinder tanks horizontally mounted 3'-0" above grade on reinforced piers interconnecting 4" pipe and fittings to and from the Pump House (Bldg. #300) continues to the truck loading rack (painted bright red) and the refueling buoy between two mooring buoys in the lagoon. Total storage capacity 82,000 gallons of gasoline.	1	Each					
	<b><u>DIESEL OIL STORAGE - Structures #304 &amp; #305</u></b>  Consists of two 1000 barrel (84,000 gallons) steel cylinder tanks vertically mounted on compacted sand and crushed rock foundation and five 10,000 gallon (50,000 gallon) steel cylinder tanks horizontally mounted 3'-0" above grade on reinforced concrete piers, interconnecting 4" pipe and fittings, the piping system continues to the added storage covered by Change Order #177.	1	Each					
	<b><u>ADDED STORAGE - Structures #153 thru #158</u></b>  Consists of six 1000 barrel (252,000 gallons) steel cylinder tanks vertically mounted on reinforced concrete foundations, octagonal shape, 23'-0" from side to side, top 7" above grade. Total storage capacity 386,000 gallons of diesel oil. Three of these tanks are not presently installed.	1	Each					

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 1d & 1j

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of P.O.L. Pump House and Facilities

Building No.: 300, 153 thru 158, 162, 304, 305, and 307

DATE OF THIS REPORT:  
23 December 1950  
19 March 1951

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>FIRE PROTECTION PUMP HOUSE - Bldg. #162 (P.S. 252 - 2 Shts.)</u> Adjacent to the enclosed area, a one story wood frame, shed roof corrugated aluminum covered, wood louver siding, erected on a 5" concrete floor slab with pump foundation, size 10'-0" x 12'-0" x 8'-6" mean height, complete with electric wiring and fixtures. A pump in this station connects to the 4" salt water main and provides high pressure for two 3" underground lines feeding fire hydrants located on the south and east sides of the enclosure. Hose shelters are provided near the 3' gates within the area. Installed equipment includes: One pump unit.	1	Each					<p style="text-align: center;"><b>CAUTION</b></p> <p><small>This document contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C., Sec. 793 and 794, and the transmission or revelation of its contents in any manner to an unauthorized person is prohibited and may result in severe criminal penalties under applicable Federal Laws.</small></p>
	<u>GASOLINE SERVICE STATION (Drawings 11B-412, 11B-419, 11B-326)</u> Outside the enclosure. Consists of a concrete island 3'-0" wide x 19'-0" long x 16" thick, two gasoline pumps, one underground tank 5'-0" I.D. x 14'-0" long, complete with electric wiring and fixtures, piping includes underground for filling tank from Pump House, located approximately 125 feet outside of storage enclosure. Installed equipment includes: Two pump meters.	1	Each					
	<u>BOAT FUELING FACILITIES (Drawings 11B-412, 11B-418, 11B-336)</u> Remote from the enclosure. Consists of a 5000 gallon diesel oil storage tank size 7'-0" I.D. x 18'-0" long mounted horizontally on reinforced concrete piers, with two fueling pumps and piping leading to the marine fuelers located on the Freight and Personnel Piers extending 167'-0" off shore.	1	Each					
	<u>PIPING SYSTEMS FOR FUEL OIL AND GASOLINE</u> Consists mainly of 4" pipe and fittings and extend from the equipment included in the report of Building #300, which is within the enclosed area, to the various storage tanks, service racks, and pumps, and to the refueling buoy in the lagoon. Suitable reinforced concrete piers (mastic covered) and pipe supports are provided. All piping is aluminum painted and stenciled red for gasoline, black for diesel oil. All tanks and equipment aluminum painted. The submarine section of the piping systems include 1000 feet of 4" pipe and 100 feet of submarine hose.	1	Each					
	Lines		Direct	\$35,899.16				
			Indirect	36,794.17		\$1,139.76	\$73,833.09	
	Equipment		Direct	\$73,706.66				
			Indirect	31,386.47		\$3,195.52	\$108,288.65	
	Pump House		Direct	\$32,225.70				
			Indirect	15,198.96		\$132.11	\$47,556.77	
	<b>TOTAL - P.O.L. Facilities</b>		Direct	\$141,831.52				
			Indirect	83,379.60		\$4,467.39	\$229,678.51	

TOTAL - P.O.L. Facilities

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

8 December 1950

19 April 1951

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

JOB NO. 640 - 1

For: The Complete Construction of Power and Distillation Plant and Addition

Building No.: 301

ESTIMATE

AS-BUILT DRAWING NUMBERS AND DATES:

2B-121	12/8/50	4B-316	12/8/50	4B-422	12/8/50
2B-122	12/8/50	4B-317	12/8/50	4B-423	12/8/50
2B-132	12/8/50	4B-318	12/8/50	4B-424	12/8/50
2B-618	12/8/50	4B-420	12/8/50	FS-337	4/19/51
4B-315	12/8/50	4B-421	12/8/50		

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>POWER AND DISTILLATION PLANT BUILDING AND ADDITION</u></p> <p>One story concrete and aluminum construction, rectangular shape, size I.D. 52'-0" x 88'-8 1/2" x 18'-0", set on 6" reinforced concrete slab, with drain facilities and pipe tunnels, reinforced concrete equipment foundations and columns; 6'-0" high x 9" thick concrete walls below 8'-0" wall panels; twin gable roof with longitudinal drain trough at center, double roof separated by 2" x 4" redwood, vented window panels, aluminum partitions, chain link and pipe fence; piping; with electrical services and alarm systems; plumbing; floor area O.D. 5,628 square feet; cubic content I.D. 87,400 cubic feet.</p> <p>Installed equipment includes: One water cooler with drinking fountain and piping systems for compressed air and fuel oil leading to four tanks outside the building. These piping systems are in addition to the salt and fresh water piping systems within the building. Costs recorded on this sheet does not include equipment installed for generating electrical power and water distillation.</p>	1	Each					
			Direct	\$45,458.25				
			Indirect	28,030.48		\$872.67	\$74,361.40	

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COMPLETION REPORT FOR

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Pages 95, 96, 96.1  
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DATE OF THIS REPORT:  
18 November 1950  
19 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-108 11/18/50
- 2B-115 11/18/50
- 2B-312 11/18/50
- 2B-409 11/18/50
- 2B-905 11/18/50
- FS-392 11/19/51

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Laundry and Addition

Building No.: 302

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>LAUNDRY AND ADDITION</u></p> <p>This is a one story double roofed prefabricated aluminum building erected on a concrete foundation size 25'-2" x 113'-10 1/2" which includes a 27'-7" drainage trench, complete with electric wiring and fixtures, telephone installation, aluminum partitions, fresh and salt water plumbing including piping for hot and cold water, steam, condensate and compressed air. The size I.D. is 24'-0" wide x 112'-8 1/2" long x 10'-0" mean height with a cubic content of 27,048 cubic feet and a floor area of 2,865 square feet.</p> <p>This building has one sliding door, eight finish laundry racks, one flatwork shelf cabinet, two folding tables, one finish shirt rack, one sorting table, two sorting and marking tables, two shirt folding tables, two fire extinguishers, and one water cooler with drinking fountain.</p> <p>This building contains the following commercial laundry equipment: Three washing machines, three extractors, four tumblers, one flat work ironer, seven presses, one starch cooker, one soap cooker, one collar table, one sewing machine, six trucks - canvas, one platform scale, three metal truck tubs, and one marking machine.</p> <p>The addition is a one story, double roof, prefabricated aluminum building, size O.D. 25'-2" x 42'-8 1/2" x 10'-0" mean height, erected on a 6" reinforced concrete floor slab with an outside adjoining 5" concrete slab size 14'-5 3/4" x 42'-8 1/2", complete with electric wiring and fixtures and piping. The cubic content is 10,750 cubic feet with a floor area of 1,075 square feet.</p> <p>The installed equipment in this addition includes: Seven presses and one folding table.</p>	1	Each	Direct \$87,317.29 Indirect 35,854.22		\$1,221.48	\$124,392.99	

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of the Laundry Boiler House  
Building No.: 303

- 2B-104 11/18/50
- 2B-131 11/18/50
- 2B-312 11/18/50
- 2B-409 11/18/50

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>LAUNDRY BOILER HOUSE</u>							
	<p>This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 25'-10 1/2", complete with electrical wiring and fixtures, aluminum partition, plumbing and piping and telephone installation. The size I.D. is 24'-0" wide x 24'-8 1/2" long x 10'-0" mean height with a cubic content of 5,930 cubic feet and a total floor area of 651 square feet.</p>							
	<p>This building contains the following equipment: One 50 HP oil fired boiler mounted on an 18" thick concrete foundation, one 800 gallon hot water tank, piping for hot water, cold water, steam, condensate, and fuel oil with all the necessary appurtenances such as traps, pressure regulating stations, temperature controls, and a boiler feed water heater (Deaerator) mounted outside on a reinforced concrete foundation tower with a 5'-0" octagonal base 2'-0" thick and a 26" square tower 7'6" high. A 1200 gallon fuel oil tank mounted outside on pier is piped to supply fuel oil to the boiler. This building also contains one installed air compressor and one portable air compressor and has in addition to the regular entrance door a sliding door for a 6'-11 1/2" wide wall opening. This Boiler House serves hot water, steam and compressed air to the Laundry Building.</p>	1	Each	Direct \$18,930.27 Indirect 5,452.14		\$150.70	\$24,533.11	

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-169 11/13/50
- 2B-179 11/13/50
- 2B-339 11/13/50
- 2B-942 11/13/50

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
13 November 1950

For: The Complete Construction of Construction Materials Warehouse

Building No.: 308

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CONSTRUCTION MATERIALS WAREHOUSE</u>							
	This is a one story, twin (parallel) gable single roofed, prefabricated aluminum building, size I.D. 50'-0" x 100'-8 1/2" x 10'-0" mean height, erected on a 51'-2" x 101'-10 1/2" concrete slab 5" thick; complete with electrical wiring and fixtures, telephone service, and four sliding doors closing two wall openings 6'-11 1/2" wide in each end. The building has a cubic content of 49,950 cubic feet and a total floor area of 5,210 square feet.	1	Each  Direct Indirect	\$23,555.30 6,955.66		\$808.16	\$31,319.12	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 10 OF 68

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DATE OF THIS REPORT:  
21 November 1950

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-144 11/18/50  
2B-163 11/18/50  
2B-334 11/18/50  
2B-429 11/18/50  
18B-1801 11/21/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Materials Testing Laboratory

Building No.: 309

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>MATERIALS TESTING LABORATORY</u></p> <p>This is a one story, double roofed, prefabricated aluminum building, erected on a concrete foundation, size 25'-2" x 25'-10 1/2", which includes a foundation pit for a 300,000# Universal Testing Machine, complete with electrical wiring and fixtures, telephone, and fresh water plumbing. The size I.D. is 24'-0" x 24'-8 1/2" x 10'-0" mean height, with a cubic content of 5,930 cubic feet and a floor area of 651 square feet.</p> <p>This building contains the following equipment: One testing machine, one bench, one counter, four tanks, one sink, one hot plate, and a fire extinguisher; the furniture includes: One table, one chair, and one typewriter.</p>	1	Each	Direct \$17,353.68 Indirect 3,323.75		\$255.97	\$20,933.30	

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-190 1/19/51
- 2B-372 1/19/51
- 2B-434 1/19/51
- 2B-5168 1/19/51

JOB NO.

CONTRACT NO. AT-(129-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
19 January 1951

For: The Complete Construction of Control Building

Building No.: 311

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>CONTROL BUILDING</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 24'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof, separated by 2" x 4" red-wood; vented window panels; aluminum partitions; with lighting and power services; plumbing; floor area O.D. 651 square feet; cubic content I.D. 5,930 cubic feet.</p> <p>Installed equipment includes a dehumidifier unit.</p>	1	Each	Direct \$4,979.12 Indirect 3,874.57		\$69.16	\$8,922.85	

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

16 November 1950

For: The Complete Construction of Maintenance Warehouse

Building No.: 313

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>MAINTENANCE WAREHOUSE</u>							
	<p>This is a one story twin gable (parallel), single roofed, prefabricated aluminum building, erected on a concrete slab, size 51'-2" x 101'-10 1/2", complete with electrical wiring and fixtures, telephone installations, fresh and salt water plumbing, aluminum partitions and four sliding doors. The size I.D. is 50'-0" wide x 100'-8 1/2" long x 10'-0" mean height, with a cubic content of 49,950 cubic feet, and a floor area of 5,212 square feet.</p>							
	<p>This building includes the following equipment: One issue counter with shelves, and one water cooler with drinking fountain.</p>	1	Each					
			Direct Indirect	\$24,351.25 6,975.92		\$818.00	\$32,145.17	

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-156 12/23/50  
2B-120 12/23/50  
2B-329 12/23/50  
2B-428-4 12/23/50

JOB NO. 640 - 1

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
23 December 1950

For: The Complete Construction of Plumbing and Refrigeration Repair Shop

Building No.: 314

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>PLUMBING AND REFRIGERATION REPAIR SHOP</u>							
	One story aluminum construction; rectangular shape; size I.D. 24'-0" x 80'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof, separated by 2" x 4" red-wood; vented window panels; aluminum partitions; shelving; benches; 3 hot lockers; outside pipe rack; with light and power services; plumbing; floor area O.D. 2,060 square feet; cubic contents I.D. 19,370 cubic feet; three sliding doors.							
	Installed equipment includes: One water cooler, one grinder, and two telephones.	1	Each					
			Direct Indirect	\$14,241.89 5,376.34		\$319.98	\$19,938.21	

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-161 12/23/50  
2B-141 12/23/50  
2B-429-4 12/23/50  
2B-331 12/23/50

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Electrical Shop Building

Building No.: 315

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>ELECTRICAL REFRIGERATION AND AIR CONDITIONING SHOP</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 60'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof, separated by 2" x 4" red-wood; vented window panels; aluminum partitions; benches, racks and shelving; concrete entrance pads - three 3'-6" x 8'-0", one 3'-6" x 5'-0" total 102 square feet; with lighting and power services; plumbing; floor area O.D. 1,557 square feet; cubic contents I.D. 14,569 cubic feet; three sliding doors.</p> <p>Installed equipment includes: One vise, one grinder, one coil winding machine, one winding head, one winding head and arm, one oven, one tachometer, one motor balancing tool, one galvanometer, and one water cooler with drinking fountain.</p>	1	Each	\$12,910.27				
			Direct					
			Indirect	4,132.29		\$268.31	\$17,310.87	

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-158 12/23/50  
2B-139 12/23/50  
2B-428-3 12/23/50  
2B-330 12/23/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(129-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

23 December 1950

For: The Complete Construction of Sheet Metal Shop

Building No.: 316

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>SHEET METAL SHOP</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 60'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof, separated by 2" x 4" red-wood; vented window panels; aluminum partitions; with light and power services; telephone installation; plumbing; floor area O.D. 1,557 square feet; cubic content I.D. 14,569 cubic feet; three sliding doors; benches, rack and shelving; concrete entrance pads - three 3'-6" x 8'-0", one 3'-6" x 5'-0", total 102 square feet.</p> <p>Installed equipment includes: Two drills, one grinder, one square shear, two metal brakes, one comb. bench machine, one setting down machine, one rotary machine, one slip roll machine, one solder furnace, one hand bending brake, one metal hand shear, and one water cooler with drinking fountain.</p>	1	Each Direct Indirect	\$13,513.16 4,151.60		\$275.74	\$17,940.50	

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-159 11/16/50  
2B-148 12/23/50  
2B-428-5 12/23/50  
2B-333 12/23/50

JOB NO. 640 - 1d

CONTRACT NO. AT-(129-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
23 December 1950

For: The Complete Construction of Carpentry Shop

Building No.: 317

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>CARPENTRY SHOP</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 60'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof, separated by 2" x 4" redwood vented window panels; aluminum partitions; with lighting and power services; telephone installation; plumbing; floor area O.D. 1,557 square feet; cubic contents I.D. 14,569 cubic feet; three sliding doors; benches, cabinets, and bins; three concrete entrance pads, 3'-6" x 8'-0", total 84 square feet, and a lumber rack.</p> <p>Installed equipment includes: One saw, one drill press, one miter box, one table tilt saw, one drill stand, one band saw, one grinder, one sander, one joiner, one clock, two drills, one radial skill saw, one shaper, and one water cooler with drinking fountain.</p>	1	Each	Direct \$13,339.43 Indirect 4,146.03		\$273.61	\$17,759.07	

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-140 11/24/50
- 2B-162 11/24/50
- 2B-332 11/24/50
- 2B-439 11/24/50

JOB NO. 640 - 1

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT: \*  
24 November 1950

For: The Complete Construction of Radio Repair Shop

Building No.: 318

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>RADIO REPAIR SHOP</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab size 25'-2" x 33'-10 1/2", complete with electrical wiring and fixtures, telephone installations, fresh water plumbing, and aluminum partitions. The size I.D. is 24'-0" wide x 32'-8 1/2" long x 10'-0" mean height with a cubic content of 7,850 cubic feet and a total floor area of 852 square feet.</p> <p>Installed equipment includes: One water cooler with drinking fountain.</p>	1	Each	Direct \$5,890.33 Indirect 2,223.62		\$132.34	\$8,246.29	

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SHEET NO. 48 of 68

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DATE OF THIS REPORT:  
23 December 1950

-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Motor and DUKW Repair Shop

Building No.: 322

2B-146 12/23/50  
2B-150 12/23/50  
2B-324 12/23/50  
2B-428-1 12/23/50

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>MOTOR AND DUKW REPAIR SHOP</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 60'-8 1/2" x 12'-0"; set on 5" thick concrete slab; double roof, separated by 2" x 4" red-wood; vented window panels; aluminum partitions; benches; sliding doors; with lighting and power services; telephone installation; plumbing; floor area O.D. 1,557 square feet; cubic content I.D. 14,570 cubic feet. Two concrete slabs, 5" thick, 15'-0" x 17'-0" and 21'-0" x 32'-0", total 927 square feet.</p> <p>Installed equipment includes: Two floor jacks, two tool sets, one compressor, and one water cooler with drinking fountain.</p>	1	Each	\$11,816.88		\$254.84	\$16,169.00	
			Direct	4,097.28				
			Indirect					

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DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 1

CONTRACT NO. AT-(129-1)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of RadSafe Building

Building No.: 323

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>RADSAFE BUILDING</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a 5" concrete slab, complete with electrical wiring and fixtures, telephone installation, plumbing, dehumidification equipment, aluminum partitions, and built-in wood counters, benches, and shelving. The size of this building is I.D. 24'-0" x 96'-8 1/2" x 10'-0" mean height, providing a cubic content of 23,210 cubic feet and a floor area of 2,464 square feet.</p> <p>Outside the building, 5" concrete slabs are provided for the condensers, water cooler and fenced area amounting to a total of 114 square feet. A wooden shed size 5'-0" x 5'-9" x 8' high of plywood sides and composition roof is provided for housing the water cooler.</p> <p>Installed equipment includes: One air conditioning unit, and two water coolers.</p>	1	Each	Direct \$24,442.54 Indirect 9,801.44		\$455.29	\$34,699.27	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 50 of 68

Page 157,  
158,  
\*Not for use by A-E  
DATE OF THIS REPORT: 159,  
24 February 1951 161  
19 March 1951

SFO-43  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 1

CONTRACT NO. AT-(129-1)-507

LOCATION PARRY ISLAND - SITE "B"

2B-5639 3/19/51 2B-5427 3/19/51 2B-042 3/19/51  
2B-5130 3/19/51 2B-5135 3/19/51 2B-5429 3/19/51  
2B-065 3/19/51 2B-5640 3/19/51 2B-5635.2 2/24/51  
2B-066 3/19/51 2B-5657 3/19/51 2B-5144 3/19/51  
2B-087 3/19/51 2B-5131 3/19/51 2B-067 3/19/51

For: The Complete Construction of CMR Area

Building No.: 329, 330, 331, and 333

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>CMR AREA</b>							
	<u>LABORATORY - Bldg. #329 - Dwg. 2B-5639 thru 2B-5135 - 3/19/51</u> This is a one story double roof, prefabricated aluminum building with wood frame interior partitions, erected on a 5" concrete floor slab size 61'-10 1/2" x 35'-3", complete with electrical wiring and fixtures, fresh and salt water plumbing, air conditioning ducts, roof ventilators and blowers. The inside dimensions 60'-8 1/2" x 24'-0" x 10'-0" high gives a cubic content of 14,560 cubic feet and a floor area of 1,456 square feet. Installed equipment includes: One dehumidification unit, one drier, one unit drawer, and one water cooler.	1	Each					
	<u>BUILDING #330 - Dwg. 2B-5640 thru 2B-5429 - 3/19/51</u> One story rigid frame construction with corrugated aluminum roofing and siding, plywood covered wood frame interior partitions, erected on 5" thick concrete slab 40'-0" x 80'-6" (49.4 cy) plus equipment foundations and pits. Has one shed roof extension 60'-0" x 10'-8" over additional 5" thick concrete slab, same dimensions (9.9 cy) and another 9'-8" x 80'-6" over existing slab. Total floor area 4,636.9 square feet complete with plumbing, electrical and ventilating installations. Installed equipment includes: Water cooling units, pumps, and air compressor.	1	Each					
	<u>SHALTER - Bldg. #331 - Dwg. 2B-5635.2 - 2/24/51</u> An underground shelter of reinforced concrete, with top of roof at grade level, size O.D. 8'-2" x 8'-2" x 9'-0" high including 1'-2" floor and foundation, 10" thick walls and roof, blast proof door, 6" concrete ramp 6'-0" wide x 34'-0 3/4" long with concrete retaining walls. A wood frame structure over the ramp and extending 20' from the shelter protects the entrance and retains the 5'-0" built-in shelving and vent pipe.	1	Each					
	<u>BUILDING #333 - Dwg. 2B-5144 thru 2B-5427 - 3/19/51</u> One story wood frame construction with corrugated aluminum roofing and siding. Interior walls and ceiling of 3/8" plywood. Erected on 5" thick concrete slab 18'-9" x 15'-0" (4.3 cy). Overall dimensions 15'-0" x 18'-9" x 14'-3" high. Total interior floor area 208 square feet complete with electrical and ventilating installations	1	Each					
	TOTAL - CMR Area		Direct	\$278,681.22				
			Indirect	176,257.13		\$4,827.25	\$459,765.60	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 51 OF 68  
Pages 162 & 163  
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DATE OF THIS REPORT: 19 March 1951

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-5685 3/19/51  
2B-5321 3/19/51  
2B-5164 3/19/51  
2B-5328 3/19/51

JOB NO. 640 - 1w

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Underground Shelter & Guard Towers

Building No.: 334, 335, and 336

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>UNDERGROUND SHELTER - Building #334</u></p> <p>Reinforced concrete vault construction with 10" thick roof and walls and 12" thick deck set entirely below grade. Inside dimensions 10'-0" x 10'-0" x 7'-0 1/8" high furnishing 100 square feet floor area and 712.5 cubic feet content. Enclosed access ramp has 5" thick concrete deck, 2" x 10" frame covered inside with 1/2" plywood, and outside with 2" x 8" T &amp; G diagonal sheathing covered with 2 ply 15# felt mopped on. Equipped with electrical fixtures and underground connections to Buildings #335 and #336, all inside 100'-0" x 8'-0" chain link fence and barbed wire enclosure.</p>							
	<p><u>GUARD TOWERS - Buildings #335 and #336</u></p> <p>Wood frame, shed roof construction with 90# mineral surface composition roofing and plate glass windows on four sides. Interior dimensions 6'-0" x 6'-0" x 7'-6". Metal grating deck 8'-0" above grade and accessible by wood ladder extends three feet beyond structure forming a balustraded balcony on all four sides. Structure is supported by four 6" x 6" posts, cross-braced and anchored to reinforced concrete piers. Electrical facilities are provided.</p>	1	Area					
			Direct	\$16,617.41				
			Indirect	13,177.42				
						\$102.51	\$29,897.34	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-5167 3/19/51

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

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DATE OF THIS REPORT:  
19 March 1951

For: The Complete Construction of Scientific Structure - O.C.S.O.

Building No.: 337

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>HUTMENT AND COMPOUND</u>							
	The hut a wood frame, shed roof, mineral surface, composition covered, plywood siding, staked to earth, gravel floor, size 10'-2" x 10'-2" x 10'-6" mean height, in the center of a 200'-0" diameter chain link and barbed wire enclosure, complete with electric wiring and fixtures, and underground wires to post station outside compound.	1	Each				*	
	* <u>NOTE</u> : Costs of this feature included in Scientific Group O.C.S.O. Program.							

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~XXXXXXXXXXXX~~

SHEET NO. 53 OF 68

Pages 119 & 120  
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SFO-43a  
(3-50)

AS-BUILT DRAW NUMBERS AND DATES:  
2B-149 11/25/50  
2B-154 11/25/50  
2B-327 11/25/50  
2B-429-2 11/25/50

JOB NO. 640 - 1d

CONTRACT NO. AT-129-11-507

LOCATION PARKY ISLAND - SITE "B"

DATE OF THIS REPORT:

For: The Complete Construction of a Boat Repair Shop

Building No.: 406

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>BOAT REPAIR SHOP</u></p> <p>This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab size 25'-2" x 61'-10 1/2", complete with electrical wiring and fixtures, telephone installation, fresh and salt water plumbing and aluminum partitions. The size I.B. is 24'-0" wide x 60'-8 1/2" long x 10'-0" mean height with a cubic content of 14,570 cubic feet and a total floor area of 1,557 square feet.</p> <p>This building has three sliding doors and one swing door and, outside there are two concrete slabs totaling 775 square feet, one lavatory, one observation tower, and one 50 foot steel flag pole set in a concrete foundation.</p> <p>This building contains the following equipment: One 10 gallon water cooler with drinking fountain, two five gallon dry type fire extinguishers, one air compressor, one drill press, one hoist, four vises, three tool kits, one grinder, one set taps and dies, one electric clock, two fans, four chairs, and one telephone.</p>	1	Each					
			Direct	\$12,399.33				
			Indirect	4,115.93		\$262.02	\$16,777.28	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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LOCATION PARRY ISLAND - SITE "B"

SHEET NO. 54 OF 68

\*Not for use by A-E Page 122\*

DATE OF THIS REPORT:

24 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-160 2/24/51
- 2B-172 2/24/51
- 2B-337 2/24/51
- 2B-431 2/24/51
- 2B-181 2/24/51
- 2B-269 2/24/51

JOB NO. 640 - 1d

CONTRACT NO. AT-(29-11)-507

For: The Complete Construction of Recreation Building

Building No.: 409

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>RECREATION BUILDING</u></p> <p>This is a one story, double roof, prefabricated aluminum building, erected on a 5" concrete slab, size 36'-0" x 145'-10 1/2" total 5,252 square feet. The building is I.D. 24'-0" x 144'-8 1/2" x 10'-0" high, total cubic content 34,730 cubic feet, complete with electric wiring and fixtures, fresh and salt water plumbing, telephone installation and refreshment bar.</p> <p>Installed equipment includes: One beverage cooler, two cocktail units, one refrigerator, one ice machine, one water cooler, one safe, and one cash register.</p>	1	Each	Direct \$33,799.84 Indirect 13,352.01		\$784.64	\$47,936.49	

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SANTA FE OPERATIONS OFFICE

AS-BUILT DRAWING NUMBERS AND DATES:  
FS-626 (1 & 2) 5/1/51

JOB NO. 640

COMPLETION REPORT FOR  
CONTRACT NO. AT-(29-11)-507

~~SECRET~~  
LOCATION PARRY ISLAND - SITE "B"

\*Not for use A-E  
DATE OF THIS REPORT:  
1 May 1951

For: ~~The Complete Construction of~~ Rehabilitation, Remodeling, and  
Relocation of Quonset Buildings  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>JUMBO QUONSETS:</b> Size 40' x 100'; Floor Area 4,000 square feet each.							
	The Quonset Buildings listed on this sheet are not covered by detailed As-Built drawings. The rehabilitation, remodeling, and relocation work performed on the Quonsets includes the patching and replacement of ribs and outer sheeting with new or salvaged material; erection of Quonsets from new and salvaged materials on new or existing slabs and foundations; interior and exterior painting; installation of electrical, water, and sewer services; installation of partitions, bins, shelving, and interior finishing; and the installation of doors and windows.	12	Each					
	TOTAL - 12 Units		Direct Indirect	\$4,707.17 4,719.42			\$9,426.59 \$13,119.12	
	<u>Building No.</u> <u>Name</u>							
	173    Plumbing Warehouse							
	183    Warehouse							
	184    Warehouse							
	319    Warehouse							
	320    Warehouse							
	321    Warehouse							
	400    Warehouse							
	401    Warehouse							
	402    Warehouse							
	403    Warehouse							
	404    Warehouse							
	405    Heavy Duty Equipment Repair Shop							
	Quonset #405, known as Heavy Duty Equipment Repair Shop, has the following major equipment installed: Universal Milling Machine; 21" floor drill head; 36" swing x 16' bed engine lathe; radial floor type drill; Universal tool and outter grinder; precision tool lathe; contour machine; 16" swing engine lathe as well as minor equipment incidental to a heavy equipment repair shop.		Direct Indirect	\$92,027.88 2,947.12		\$1,134.79	\$96,109.79 \$209,226.91	
	GRAND TOTAL							

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
1 May 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-(129-11)-507

LOCATION PARRY ISLAND - SITE "B"

FS-626 (1 & 2) 5/1/51

For: ~~The Complete Construction of~~ Rehabilitation, Remodeling, and  
Relocation of Quonset Buildings

Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>QUONSETS:</u> Size 20' x 64'; floor area 1,280 square feet each.</p> <p>The Quonset Buildings listed on this sheet are not covered by detailed As-Built drawings. The rehabilitation, remodeling, and relocation work performed on the Quonsets includes the patching and replacement of ribs and outer sheeting with new or salvaged material; erection of Quonsets from new and salvaged materials on new or existing slabs and foundations; interior and exterior painting; installation of electrical, water, and sewer services; installation of partitions, bins, shelving, and interior finishing; and the installation of doors and windows.</p>	15	Each					
			Direct	\$1,506.29				
			Indirect	1,510.22			\$3,016.51	
	<p><u>Building No. Name</u></p> <p>169 Warehouse Office 170 Marine Operations 171 Distillation Repair 172 Maintenance Office 174 Marine Rigging Loft 175 Chapel 176 Personnel Office 177 Breeze &amp; Guard Quarters 178 Camp Office 179 Gym 180 Radio Shop 181 Heavy Equipment &amp; Construction Office 182 Heavy Equipment Rigging Loft 185 T.G. J.I. AEC Supply 198 Marine Electrical Repair Shop</p> <p style="text-align: right;">TOTAL - 15 Units</p>						\$45,247.65	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

SHEET NO. 57 OF 68

SFO-43 e  
(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:  
FS-626 (2 Shts.) 5/1/51

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

\*Not for use by A-E  
DATE OF THIS REPORT:  
1 May 1951

For: The Complete Construction of, or Alteration to Miscellaneous Buildings and  
Facilities not covered by detailed As-Built drawings.  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units	
	<u>BLDG. NO. NAME</u>								
163	STATIONERY LOCKER BUILDING - wood, size approximately 20' x 40' x 10' mean height, 800 square feet.	1	Each Direct Indirect	\$2,561.73 2,789.07			\$5,350.80	<b>CAUTION</b> <small>*This document is the property of the Atomic Energy Commission. It is loaned to you for your information only. It is not to be distributed outside your organization. It is not to be used for any purpose other than that for which it was prepared. It is to be returned to the Atomic Energy Commission when it is no longer needed.</small>	
165	LATRINE - near Laundry, wood on concrete, size approximately 10' wide x 12' long x 10' mean height, complete with plumbing and wiring.	1	Each Direct Indirect	\$697.92 759.85			\$1,457.77		
167	CONCRETE LUBE PIT - near Welding Shop, size approximately 12' wide x 40' long x 5' deep.	1	Each Direct Indirect	\$873.75 951.29			\$1,825.04		
168	TIRE REPAIR & BATTERY SHOP - wood building, size approximately 30' wide x 50' long x 10' mean height, 1,500 square feet.	1	Each Direct Indirect	\$5,212.48 5,707.73			\$10,950.21		
174 A,B	MARINE "WAYS" OFFICES - wood structures, size approximately 12' x 12' x 8' mean height, 144 square feet.	2	Each Direct Indirect	\$1,165.90 1,269.37			\$2,435.27		
186	SAW SHED - wood, size approximately 20' x 30' long x 10' high, 600 square feet.	1	Each Direct Indirect	\$1,165.90 1,269.37			\$2,435.27		
187	STORAGE SHED - Marine Department, wood, size approximately 8' x 12' x 8' mean height, 96 square feet.	1	Each Direct Indirect	\$175.83 191.43			\$367.26		
188-189	MOTOR POOL DISPATCH OFFICES - H & M and ABC, wood construction, size approximately 10' x 12' x 10' mean height, 120 square feet.	2	Each Direct Indirect	\$697.92 759.85			\$1,457.77		
	Continued on next page								

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

PS-626 (2 Shts.) 5/1/51

JOB NO. 640

CONTRACT NO. AT-(29-11)-507

LOCATION PARRY ISLAND - SITE "B"

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DATE OF THIS REPORT:

1 May 1951

For: The Complete Construction of, or Alteration to Miscellaneous Buildings and Facilities not covered by detailed As-Built drawings.  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BLDG. NO.</u> <u>NAME</u>							
190	FRATERNAL HALL - wood frame, composition roof, sheet metal sides, open front, on 6" concrete slab, size approximately 32' x 50', complete with plumbing and electric services, 1,600 square feet.	1	Each Direct Indirect	\$12,939.72 14,680.74			\$27,620.46	<p><b>CAUTION</b></p> <p>"This document contains information affecting the National Defense of the United States. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited and may result in severe criminal penalties under applicable Federal Laws."</p>
191	STORAGE ROOM - north of Freight Pier, wood structure, size approximately 12' x 20' x 10' high, 240 square feet.	1	Each Direct Indirect	\$697.92 759.85			\$1,457.77	
194	STORAGE TENT - near Building #232, size approximately 15' x 31'.	1	Each Direct Indirect	\$524.79 571.36			\$1,096.15	
195	SHOE REPAIR SHOP - wood, size approximately 10' x 12' x 10' high, 120 square feet.	1	Each Direct Indirect	\$348.96 379.92			\$728.88	
199	SOFT BALL DIAMOND and Backstop (Practice).	1	Each Direct Indirect	\$175.83 191.43			\$367.26	
250	BASE BALL FIELD - Back stop and benches.	1	Each Direct Indirect	\$116.32 126.64			\$242.96	
251	ANNOUNCERS BOOTH - wood, 10' x 12' x 10' high, 120 square feet.	1	Each Direct Indirect	\$348.96 379.93			\$728.89	
252	REFRESHMENT STAND - wood structure, 25' x 25' x 10' high, 625 square feet.	1	Each Direct Indirect	\$697.92 759.85			\$1,457.77	
253	BAR-B-QUE PIT - concrete and steel, size approximately 4' x 12' x 3' high.	1	Each Direct Indirect	\$86.56 94.25			\$180.81	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
1 May 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
FS-626 (2 Shts.) 5/1/51

JOB NO. 640

CONTRACT NO. AT-(29-11-507)

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of, or Alteration to Miscellaneous Buildings and Facilities not covered by detailed As-Built drawings.  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BLDG. NO. NAME</u>							
254	GARBAGE CAN WASH BLDG. #2 - size approximately 25' x 25' x 15' high, on concrete ramp. (Change Order Cost - C/O 244)	1	Each Direct Indirect	\$1,882.40 1,888.61			\$3,771.01	
324	WATER DISPATCH BLDG. - wood frame with corrugated metal siding, size approximately 20' x 20' x 10' mean height, 400 square feet.	1	Each Direct Indirect	\$697.92 759.85			\$1,457.77	
	VOLLEY BALL COURTS - in Playground Area (Net, Poles, and Benches).	2	Each Direct Indirect	\$116.32 126.64			\$242.96	
	STEEL TOWER - 100', removed and placed in Storage.	1	Each Direct Indirect	\$725.17 1,050.46			\$1,775.63	
	TOTAL		Direct Indirect	\$11,940.22 35,467.49			\$67,407.71	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 60 of 68

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DATE OF THIS REPORT:  
1 May 1951

SFO-43  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:  
PS-626 (2 Shts.) 5/1/51

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Piers and Ramps

Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>PIERS AND RAMPS</u>							
	<u>FREIGHT PIER:</u> A structure of concrete, steel, and wood approximately 40' wide x 180' long x 12' high above high tide.	1	Each					
	<u>MARINE RAMP:</u> Reinforced concrete, approximately 50' wide x 85' long x 12' thick.	1	Each					
	<u>MARINE RAMP:</u> Reinforced concrete, approximately 50' wide x 170' long x 12' thick.	1	Each					
	<u>NAVY PONTOON PIER:</u> Approximately 40' wide x 125' long.	1	Each					
	<u>PERSONNEL PIER &amp; FLOAT:</u> Approximately 30' wide x 200' long of wood, steel and concrete.	1	Each					
			Direct	888,412.21				
			Indirect	65,726.90		84,745.53	815,611.70	

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AS-BUILT DRAWING NUMBERS AND DATES:  
FS-626 (2 Shts.) 5/1/51

JOB NO. 640 - 1a

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:  
1 May 1951

For: The Complete Construction of Site Preparation, Roads, Air Strip, and  
Miscellaneous Areas  
Building No.:

Revised:  
3 August 1951

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<u>SITE PREPARATION, ROADS, AIRSTRIP, AND MISCELLANEOUS AREAS</u>							
	This includes the layout, grading, stabilizing, and construction of roads, air-strip, parking, storage, recreational, and scientific areas.							
		1	Site					
	ROADS	61,200	Sq. Yds.					
			Direct	\$42,673.60				
			Indirect	29,885.58		\$1,422.71	\$73,981.89	
	AIRSTRIP	26,600	Sq. Yds.					
			Direct	\$15,515.10				
			Indirect	10,801.98		\$349.87	\$26,666.95	
	SITE PREPARATION	372,100	Sq. Yds.					
			Direct	\$91,939.54				
			Indirect	64,010.46		\$2,073.25	\$158,023.25	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 62 OF 68

\*Not for use by A-E Page 133

DATE OF THIS REPORT:

1 May 1951

JOB NO. 640 - 11

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Sewer System

Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SEWER SYSTEM</u> Piping system, sanitary sewer, outdoor, underground, consists mainly of 8" vitrified clay pipe, and corrugated metal pipe for outfall, manholes, and services to the extent of 10,950 lineal feet, 29 manholes and 60 service connections.	1	System					
			Direct	\$61,512.00				
			Indirect	41,923.08		\$4,999.36	\$108,434.44	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 63 OF 68

SFO-43  
(3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

9B-601	11/16/50	9B-506	11/16/50
FS-173-5	4/19/51	FS-193	11/16/50
2B-130	11/16/50	9B-503	5/ 1/51
2B-153	11/16/50	9B-542	5/ 1/51
2B-320	11/16/50	9B-504	5/ 1/51
		FS-336	5/ 1/51

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Water Facilities System

Building No.: 220, 255, 312, 326, and 410

Pages 73,  
103,  
123,  
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\*Not for use by A-E

DATE OF THIS REPORT:  
16 November 1950  
19 April 1951  
1 May 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>WATER FACILITIES SYSTEM</u></b>							
	<b><u>ELEVATED WATER TOWER AND TANKS - Bldg. #220</u></b>							
	This structure of heavy timber and steel mounted on reinforced concrete footings, supports two steel water tanks 50'-0" above grade for storing fresh and salt water and provides a pressure supply to the two water mains.							
	The salt water storage tank of bolted steel construction is 21'-6 1/2" diameter x 16'-1" high, capacity 1000 barrels (42,000 gallons). The fresh water storage tank of bolted steel construction is 21'-6 1/2" diameter x 8'-0" high, capacity 500 barrels (21,000 gallons).							
	The tower consists of a wood platform elevated 50'-0" above grade, size 27'-0" wide x 52'-0" long, with a 3'-6" handrail around all four sides, mounted on 12" steel joist and 18" steel I beams all securely bolted to ten timber columns (two rows of five each) size 12" x 12", steel spliced and horizontally braced by 4" x 8" wood struts between all columns and crisscross tied with 3/4" diameter galvanized steel rods into bents, 4 sections wide and 4 sections high. One ladder leads to a landing 14'-0" below the platform and a second ladder leads up to the platform. All columns are securely bolted to the heavy concrete footings.	1	Each					
	<b><u>FRESH WATER STORAGE TANKS - Bldg. #312 and #326</u></b>							
	Two 500 barrel (21,000 gallons) tanks, Building #312 and #326; size I.D. 21'-6 1/2" diameter x 8'-0" high. Each tank is of bolted steel construction with center support, reinforced conical roof, inlet-outlet openings, drain and valves, clean-out panel, manhole in roof with cover, ladders, gauge, piping, fittings, and valves; set on reinforced concrete foundation, octagonal shaped, 22'-6" between sides, area 419 square feet.							
	<b>NOTE:</b> These are standard steel tanks, no As-Built drawings made, for location see drawing FS-626.	2	Each					
	<b>TOTAL - Elevated Water Tower &amp; Tanks and Storage Tanks #312 &amp; #326</b>			Direct	\$16,285.05			
				Indirect	13,963.74	\$238.53	\$30,487.32	
	<b><u>ACID TANK - Bldg. #255 - FS-173-5 - 4/19/51</u></b>							
	This is a one story, wood frame, shed roof corrugated galvanized iron covered, erected on a 5" concrete slab, size O.D. 8'-0" x 12'-0" x 8'-6" mean height, one end and two side walls louvered construction, 2' elevated floor of wood grating,							
	Continued on next page							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

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DATE OF THIS REPORT: 156,  
16 November 1950  
19 April 1951  
1 May 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Water Facilities System

Building No.: 220, 255, 312, 326, and 410

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p>Painted, complete with tank, pump, and piping. Installed equipment includes: One acid pump, and one wood tank.</p> <p><u>SALT WATER PUMP STATION AND WELL - Bldg. #410 - 2B-130 thru FS-193 - 11/16/50</u></p> <p>This is a one story, double roofed, prefabricated aluminum building, erected on a 25'-2" x 33'-10 1/2" concrete slab which includes four pump foundations, a pipe trench with drain facilities, nine pipe supports, and a salt water well 24'-6" deep. The well consists of a 9' x 10' x 10' reinforced concrete seepage box buried below an 8' section of 4'-6" I.D. reinforced concrete pipe, a reinforced concrete box 4'-6" x 4'-6" x 6'-6" rises above the pipe and becomes an integral part of the footing and slab. The building is complete with electrical wiring, fixtures, and equipment for automatic control, and suction and discharge piping systems with connections to salt water system. Three 300 G.P.M. pumps - motor driven, and one 300 G.P.M. pump - gas engine driven are installed in this building. The size I.D. is 24'-0" x 32'-8 1/2" x 10'-0" mean height with a cubic content of 7,850 cubic feet and a floor area of 852 square feet.</p> <p><u>SALT WATER SYSTEM - 9B-503 &amp; 9B-542 - 5/1/51</u></p> <p>Piping system, salt water, outdoor, consists mainly of 6" and 4" transite pressure pipe, 2'-6" underground, valves, fittings, and services to the extent of 10,328 lineal feet of mains, 61 service connections and 21 fire hydrants.</p> <p><u>FRESH WATER SYSTEM - 9B-504 &amp; 9B-542 - 5/1/51</u></p> <p>Piping system, fresh water, outdoor. Consists mainly of 3" and 4" transite pressure pipe, 2'-6" underground, valves, fittings, and services to the extent of 9,110 lineal feet of mains and 69 service connections.</p> <p>Continued on next page</p>	1	Each Direct Indirect	\$845.50 358.07		\$21.43	\$1,225.00	
		1	Each Direct Indirect	\$5,898.11 1,926.47		\$132.11	\$7,956.69	
		1	System Direct Indirect	\$43,984.97 26,616.48		\$688.68	\$71,290.13	
		1	System Direct Indirect	\$37,834.46 22,782.46		\$597.52	\$61,214.44	

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**ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE**

**COMPLETION REPORT FOR**

~~SECRET~~  
LOCATION PARRY ISLAND - SITE "B"

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SFO-43 a  
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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of Water Facilities System

Building No.: 220, 255, 312, 326, and 410

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CONCRETE RESERVOIR FRESH WATER STORAGE - FS-336 - 5/1/51</u>							
	A reinforced concrete structure, 5 feet below grade, size O.D. 52'-3" x 51'-6" (2,690 square feet) x 12'-11", two compartment (13,500 cubic feet total capacity) with 9" walls and 8" floors, the flat wood frame roof, slightly sloping from the supporting center wall, is a 2 ply built up cover over 1" x 6" sheathing, with screened venting between outside walls and the roof, complete with inlet and outlet piping systems to each compartment.	1	System					
			Direct	\$34,222.29				
			Indirect	30,630.48		\$484.97	\$65,337.74	
	<u>EQUIPMENT</u>							
	Including pumps, distillation units, and fittings.		Direct	\$236,569.64				
			Indirect	59,851.13		\$4,463.02	\$300,883.79	
	TOTAL - Water Facilities Complete		Direct	\$375,640.02				
			Indirect	156,128.83		\$6,626.26	\$538,395.11	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
1 May 1951

AS-BUILT DRAWING NUMBERS AND DATES:

68-305 5/1/51  
68-5322 5/1/51

JOB NO. 640 - 1k

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

For: The Complete Construction of Electrical Overhead Distribution

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>ELECTRICAL OVERHEAD DISTRIBUTION</u>							
	This system consists mainly of wire and cable, 33,050 feet of overhead primary, 48,650 feet of secondary, 4,639 feet of street lighting and 6,050 feet of buried cable, 167 poles, and 49 transformers, complete with airstrip, obstruction, flood, and street light fixtures, poles and guys.	1	System					
	Distribution System		Direct	\$111,305.41				
			Indirect	70,994.23		\$4,249.12	\$186,548.76	
	Equipment - Including Generators		Direct	\$178,844.14				
			Indirect	32,854.13		\$8,532.88	\$220,231.15	
	TOTAL		Direct	\$290,149.55				
			Indirect	103,848.36		\$12,782.00	\$406,779.91	

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AS-BUILT DRAWING NUMBERS AND DATES:

7B-341 5/1/51  
7B-5330 5/1/51  
FS-433 5/1/51  
7B-374 5/1/51

JOB NO. 640 - 1a,n

CONTRACT NO. AT-129-11-507

LOCATION PARRY ISLAND - SITE "B"

DATE OF THIS REPORT:

1 May 1951

For: The Complete Construction of Communication and Control Distribution

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>COMMUNICATION AND CONTROL DISTRIBUTION</u>							
	<p>The complete Telephone system for Eniwetok Atoll consists of manual common battery switchboards located on Eniwetok, Parry, Engebi, Biijiri, and Runit Islands and aboard the U.S.S. Curtiss. Japtan is served from Parry switchboard; Musin and Teitsiripuchi Island are served from Engebi and Piiraai and Bokonearappu Islands are served from the switchboard on Biijiri. These switchboards are interconnected by an inter-island and buoy cable system backed up by radio telephone circuit."</p>							
	<p>That portion of the complete system located on Parry consists mainly of overhead wire and cable strung on poles, buried cable, and service to 300 phones. The intercommunication and sound powered telephone distribution provides direct service between important locations without going thru the switchboard. Communication and control distribution is provided to the various islands by connection to submarine cables.</p>	1	System Direct Indirect	\$55,521.79 24,700.64		\$5,041.50	\$85,263.93	

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SHEET NO. 60 of 68

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DATE OF THIS REPORT:  
21 May 1951

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-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 1L

CONTRACT NO. AT-(29-1)-507

LOCATION PARRY ISLAND - SITE "B"

8H-075 5/21/51  
FS-72 5/21/51

For: The Complete Construction of Atoll Submarine Cable  
Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>ATOLL SUBMARINE CABLE</u></p> <p>Installed submarine cable between the various atoll sites. Added to existing lines approximately 598,500 lineal feet. Four telephone buoys.</p>	1	Each	<p>Direct \$611,828.05</p> <p>Indirect 225,275.36</p>			\$837,103.41	

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Runit Island - Site "C"

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

Sheet No. \_\_\_ of \_\_\_

COMPLETION REPORT FOR  
CONTRACT NO. AT-(29-1)-507

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For: RUNIT ISLAND - SITE "C"

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SFO-43  
(3-50)

JOB NO. 640 - 5g

CONTRACT NO. AT-129-11-507

LOCATION RUNIT ISLAND - SITE "C"

\*Not for use by A-E

DATE OF THIS REPORT:  
19 January 1951  
23 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2H-5115-3 1/19/51  
20-048-1 1/19/51  
20-048-2 1/19/51  
2H-171-3 1/19/51  
1C-177 3/23/51

For: The Complete Construction of Tents

Building No.: 1 thru 51, and 58 thru 65

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TYPICAL TENT FRAME - 4-MAN SIZE - ON CONCRETE</u>							
	Canvas and wood construction; size O.D. 14'-2" x 14'-4" x 11'-6"; anchor bolted to a concrete slab; canvas fly separated from tent roof by spacer blocks and fly ridge; electrical wiring and fixtures; slab area O.D. 208 square feet.	59	Each					
		1	Each					
			Direct	\$270.75				
			Indirect	221.92		\$2.25	\$494.92	
	TOTAL - 59 Units		Direct	\$15,974.43				
			Indirect	13,093.37		\$132.65	\$29,200.45	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-382-1 1/15/51  
20-926-1 1/15/51

JOB NO. 640 - 4g

CONTRACT NO. AT-(29-11)-507

LOCATION RUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:  
15 January 1951

For: The Complete Construction of Refreshment Tent

Building No.: 52

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>REFRESHMENT TENT</u>							
	<p>Shelter - canvas and wood construction; rectangular shape; size O.D. 20'-6" x 46'-0" x 10'-0" high; earth floor; 4" x 6" posts on concrete piers; 2" x 4" rafters; 2" x 6" ribbons, 1" x 4" braces, 2" x 4" ridge; roof covered with canvas; floor area 943 square feet. Tent - canvas and wood construction; size O.D. 14'-2" x 14'-4" x 11'-6"; set on 4" concrete slab; canvas fly separated from tent roof by spacer block and fly ridge; wood frame walls 3'-0" above slab covered with plastic screen; door frame, ridge supports and ridge above wall frame; electrical service; counter; floor area O.D. 203 square feet. Reefer - 4" thick concrete slab size 6'-0" x 21'-0" connected to tent floor by 4" thick concrete slab size 5'-0" x 4'-0"; floor area O.D. 146 square feet.</p>	1	Each Direct Indirect	\$12,042.92 3,486.76		\$224.11	\$15,753.79	
	<p>Installed equipment includes: One refrigerator, one safe, one ice flake machine, and one cash register.</p>							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

5 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-125-5	2/5/51	2B-425-6	2/5/51
2B-125-6	2/5/51	2B-425-7	2/5/51
2B-135-5	2/5/51	2B-425-8	2/5/51
2B-135-6	2/5/51	2B-183-4	2/5/51
20-048-4	2/5/51		

JOB NO. 640 - 4(e)

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

For: The Complete Construction of Showers & Latrine

Building No.: 100, 101, and 108

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>SHOWERS &amp; LATRINE</b>							
	One story aluminum structure; rectangular shape; size I.D. 24'-0" x 36'-8 1/2" x 12'-0" high; set on a 5" thick concrete slab, sloped to seven floor drains, double roof separated by 2" x 4" redwood; vented window panels; aluminum partitions; with electrical service; plumbing; floor area O.D. 954 square feet; cubic content I.D. 8,810 cubic feet; 16 lavatories, 6 water closets, 6 urinals, and 16 mirrors; plywood supply cabinet. Outside - 4 concrete slabs; 4" thick, 3'-6" x 5'-0", 70 square feet. Shelves.							
	Installed equipment includes: One electric water cooler with drinking fountain in each building.							
		3	Each					
		1	Each					
			Direct	\$9,730.28				
			Indirect	4,915.66		\$110.11	\$14,756.05	
	TOTAL - 3 Units		Direct	\$29,190.83				
			Indirect	14,746.98		\$330.33	\$44,268.14	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-908-2 1/15/51 20-453-2 1/15/51  
20-907-2 1/15/51 20-959-1 1/15/51  
20-367-2 1/15/51 FB-189-1 1/15/51  
20-452-2 1/15/51 FB-197-3 2/10/51

JOB NO. 640 - 4a

CONTRACT NO. AT-(29-1)-507

LOCATION BUNIT ISLAND - SITE "C"

\*Not for use by A-E

DATE OF THIS REPORT:

15 January 1951  
10 February 1951

For: The Complete Construction of 100 Man Mess Hall, Boiler House, and Garbage Storage Shed  
Building No.: 102, 122

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<p><u>100 MAN MESS HALL - Bldg. 102</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a 5" concrete slab, size 25'-2" x 101'-10 1/2", complete with electric wiring and fixtures, telephone installations, and plumbing and piping systems. The size of this building is, inside dimensions, 24'-0" wide x 100'-8 1/2" long x 10'-0" mean height, with a cubic content of 24,170 cubic feet and a total floor area of 2,564 square feet. All windows are screened and there are four screened door enclosures, and three metal exhaust hood and duct assemblies extend up through the roof.</p> <p>Installed equipment and furniture includes: One pick-up and dish storage counter; one toaster; seven tables; one cold pan; one ice cream cabinet; two sinks; one grinder; one food cutter; one meat block; one food mixer; six refrigerators; one dish washer; two sprayers; one water cooler with drinking fountain; one coffee urn and stand; one oven; one steam cooker; one steam kettle; two deep fat fryers; one griddle and stand; one range; three hoods - range, dishwasher, coffee urn; three roof exhausters; one potato peeler; one grease arrestor; one slicer; one ice cream freezer; one knife sharpener; one bread slicer; one flake ice machine; one steam generator unit; and one hot water generator.</p>	1	Each Direct Indirect	\$74,809.22 24,093.88		\$586.80	\$99,569.90	
	<p><u>BOILER HOUSE</u></p> <p>This building, adjacent to the Mess Hall, is a one story, wood frame, corrugated aluminum covered sides and roof, shed type, erected on a 5" concrete slab, size 13'-0" x 11'-0", complete with electric wiring and fixtures, plumbing and piping systems. The dimensions of this building I.D. are 10'-0" wide x 12'-0" long x 10'-3" high, with a cubic content of 1,230 cubic feet and a total floor area of 120 square feet.</p>	1	Each Direct Indirect	\$4,605.05 456.95		\$40.41	\$5,102.41	
	<p><u>GARBAGE STORAGE SHED - Bldg. 122</u></p> <p>A one story wood frame, shed roof corrugated aluminum covered, plywood and screen siding, erected on a concrete floor slab size 8'-0" x 8'-0" (64 square feet) with a 6" x 6" concrete curb, complete with plumbing, salt water and steam piping. Inside dimensions 7'-4" x 7'-4" x 7'-9" high, with a cubic content of 537 cubic feet.</p>	1	Each Direct Indirect	\$448.87 266.57			\$685.44	

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AS-BUILT DRAWING NUMBERS AND DATES:

20-906.1 1/19/51  
20-302.1 1/19/51  
20-949.1 1/19/51

JOB NO. 640 - 4a

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

For: The Complete Construction of Open Air Motion Picture Theatre

Building No.: 103

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>OPEN AIR MOTION PICTURE THEATRE</u></p> <p>Seating capacity - 202 seats, 1 1/2 wood benches with back rests. Screen structure size 21'-0" wide x 17'-0" high; transite screen 16'-0" x 12'-0", anchored to reinforced concrete piers and footings; wood stairway and platform at one side of screen; canopy. Screen 59'-6" from projection booth. Electrical and speaker service. Projection Booth - one story wood and aluminum construction; rectangular shape; size 8'-0" x 11'-6" x 8'-0" high; set on a 4" concrete slab; 2" x 4" framing with corrugated aluminum roofing and siding; electrical services; floor area O.D. 92 square feet; cubic content I.D. 616 cubic feet. Flood lights. Installed equipment includes: Two sound projectors.</p>	1	Each					
			Direct	\$6,655.44				
			Indirect	3,056.90		\$146.12	\$9,858.46	

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AS-BUILT DRAWING NUMBERS AND DATES:

20-912.1 1/15/51  
20-911.1 1/15/51  
20-369.1 1/15/51

JOB NO. 640 - 4a

CONTRACT NO. AT-129-11-507

LOCATION RUNIT ISLAND - SITE "C"

\*Not for use by A-E

DATE OF THIS REPORT:

15 January 1951

For: The Complete Construction of Administration Building

Building No.: 105

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>ADMINISTRATION BUILDING</u></p> <p>One story aluminum structure; rectangular shape; size I.D. 24'-0" x 44'-8 1/2" x 12'-0" high; set on a 5" thick concrete slab; double roof separated by 2" x 4" redwood; vented window panels; aluminum partitions; electrical services; floor area O.D. 1,155 square feet; cubic content I.D. 10,730 cubic feet. Installed equipment includes: One water cooler with drinking fountain.</p>	1	Each	Direct \$6,827.38 Indirect 3,172.20		\$112.75	\$10,112.33	

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DATE OF THIS REPORT:

23 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 4r

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

For: The Complete Construction of Power & Water Distillation Plant

Building No.: 106 - Station 100

4C-616-1	3/23/51	40-365-1	3/23/51	FS-460	3/23/51
2B-132	3/23/51	FS-490	3/23/51	4C-446-1	3/23/51
40-615-1	3/23/51	FS-463	3/23/51	40-5438	3/23/51
4C-617-1	3/23/51	40-448	3/23/51	FS-451	3/23/51
20-373-1	3/23/51	40-445-1	3/23/51	FS-277	3/23/51
4C-364	3/23/51	40-447-1	3/23/51		

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>POWER &amp; WATER DISTILLATION PLANT</b>							
	<p>This is a one story reinforced concrete structure with walls and roof slab 17" thick, floor slab 8" thick and concrete masses of various sizes for machinery and equipment foundations. There are four hexagon shaped columns measuring 2'-4" across the flats supporting the roof slab, and one mezzanine deck 15'-2" x 17'-8 1/16" with an 8" thick reinforced concrete slab. There is a 2'-0" high parapet 12" thick across the front, and 14" thick wing-walls extending diagonally 15'-0" from each corner of the front face of the building. Interior dimensions of 51'-0" x 42'-0" x 15'-0" high, give an area of 2,142 square feet on the main floor plus 265 square feet on the mezzanine, and a total content of 32,130 cubic feet. Three exterior walls and roof are water sealed with 2 layers of 15 pound rag felt, hot mopped, and structure is earth covered to a minimum depth of 2'-0" graded off two sides and rear at the rate of 1' to 3'. Building complete with electrical fixtures and wiring, telephone installation, three diesel engine driven generators with cubicles and panel boards, pumps, and three distillation units; diesel engine piping, distillation piping, and ventilation equipment and ducts, two air compressors, two air tanks, one chemical feeder, two fans, one boiler, one acid tank, one fuel oil tank, two transformers.</p> <p>Costs recorded on this sheet do not include equipment installed for generating electrical power or water distillation. These items are included on sheets of their respective system.</p>	1	Each					
			Direct	\$52,257.04				
			Indirect	44,980.71				
						\$1,033.98	\$98,271.73	

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AS-BUILT DRAWING NUMBERS AND DATES:

- 20-904.1 1/15/51
- 20-903.1 1/15/51
- 20-353.1 1/15/51
- 18H-626.2 1/15/51

JOB NO. 640 - 4e

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

\*Not for use by A-E  
DATE OF THIS REPORT:  
15 January 1951

For: The Complete Construction of Shop Building and Timber Grease Rack

Building No.: 107 and 111

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SHOP BUILDING - Bldg. #107</u>  One story, double roof, prefabricated aluminum structure; rectangular shape; size I.D. 24'-0" x 40'-8 1/2" x 10'-0" mean height; vented window panels; benches and bins; electrical wiring and fixtures; piping; floor area O.D. 1,054 square feet; cubic content I.D. 9,770 cubic feet.  Installed equipment includes: One grinder, one drill press, one sump pump, one galvanometer, one tool set, and one electric drill.	1	Each Direct Indirect	\$6,841.53 3,651.24		\$341.96	\$10,834.73	
	<u>TIMBER GREASE RACK - Bldg. #111</u>  Grease rack of timber construction; overall size at grade level, 14'-0" x 42'-9 3/4"; two tread ramps.	1	Each Direct Indirect	\$583.59 518.41			\$1,102.00	

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 4e

CONTRACT NO. AT-(29-11)-507

LOCATION BUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:

15 January 1951

20-931.2 1/15/51  
20-928.2 1/15/51  
20-388.1 1/15/51  
20-456.2 1/15/51

For: The Complete Construction of Fire & First-Aid Building

Building No.: 109

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>FIRE &amp; FIRST-AID BUILDING</u></b>							
	One story aluminum structure, rectangular shape; size I.D. 24'-0" x 20'- 8 1/2" x 12'-0" high; set on a 5" thick reinforced concrete slab; double roof separated by 2" x 4" redwood; vented window panels; aluminum partitions; electrical services; plumbing; counter and shelving; floor area O.D. 551 square feet; cubic content I.D. 4,970 cubic feet; 4" thick reinforced concrete slab at engine room entrance, 3'-6" x 13'-0", 45 square feet. Installed equipment includes: One Infra Red Lamp.	1	Each					
			Direct	\$4,264.17				
			Indirect	2,552.96		\$83.36	\$6,900.49	

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AS-BUILT DRAWING NUMBERS AND DATES:  
75-427 2/13/51

JOB NO. 640 - 4(e)

CONTRACT NO. AT-129-11-507

LOCATION RUNIT ISLAND - SITE "C"

\*Not for use by A-E  
DATE OF THIS REPORT:  
13 February 1951

For: The Complete Construction of Paint & Tool Shed  
Building No.: 121

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>PAINT &amp; TOOL SHED</u>  One story, wood frame, shed roof, sides and roof covered with corrugated sheet steel with exception of open front of paint shop, erected on a 5" concrete slab, size 13'-8" x 30'-0", 410 square feet, complete with electrical wiring and fixtures. The size I.D. is 7'-4" wide x 29'-4" long x 7'-9" high with a cubic content of 1,666 cubic feet.	1	Each Direct Indirect	\$265.97 153.21			\$419.18	

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AS-BUILT DRAWING NUMBERS AND DATES:  
FS-444 2/13/51

JOB NO. 640 - 4(e) CONTRACT NO. AT-(29-1)-507

LOCATION HUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:  
13 February 1951

For: The Complete Construction of Carpenter Shop

Building No.: 123

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CARPENTER SHOP</u>  One story, wood frame, gable roof, enclosed on three sides only, plywood and screen on sides, corrugated aluminum roofing, erected on a 5" concrete slab, size 20'-0" x 40'-0", 800 square feet, electrical power. The size I.D. 18'-8" wide x 39'-4" long x 10'-8" high, with a cubic content of 8,255 cubic feet.  Installed equipment includes: Two drills, one portable saw, one table saw, and one generator set.	1	Each Direct Indirect	\$518.96 298.95			\$817.91	

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COMPLETION REPORT FOR

DATE OF THIS REPORT:  
24 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
F8-432 2/24/51

JOB NO. 640 - 1

CONTRACT NO. AT-129-11-507

LOCATION BUNIT ISLAND - SITE "C"

For: The Complete Construction of Garage  
Building No.: 124

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>GARAGE BUILDING</u>  This is a one story, shed roof, wood frame, corrugated aluminum covered three sides and roof, size 20'-0" x 50'-0" x 10' high to rafters, total floor area 1000 square feet, erected on an existing 5" concrete slab, size 50'-0" x 50'-0".	1	Each Direct Indirect	\$648.70 373.68			\$1,022.38	

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AS-BUILT DRAWING NUMBERS AND DATES:

FS-405 2/13/51

JOB NO. 640 - 4(e)

CONTRACT NO. AT-(29-1)-507

LOCATION HUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:

13 February 1951

For: The Complete Construction of **Reefer Building**

Building No.: 125

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>REEFER BUILDING</u></p> <p>One story, wood frame, gable roof, corrugated aluminum roofing, plywood siding, wood louvers, reefers constitute portion of sidewalls, erected on 5" concrete slab, size 33'-0" x 34'-0", 1120 square feet, shelving, electrical power and lighting, and plumbing. Size I.D. is 32'-4" wide x 33'-4" long x 10'-6" mean height, with a cubic content of 11,314 cubic feet.</p> <p>Installed equipment includes: Three 675 cu. ft. walk-in refrigerators, and one 150 cu. ft. walk-in refrigerator.</p>	1	Each Direct Indirect	\$3,324.41 2,869.87		\$140.31	\$6,334.59	

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## COMPLETION REPORT FOR

~~SECRET~~SHEET NO. 14 OF 20

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 4r

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:

6 April 1951

FS-617 4/6/51

For: The Complete Construction of Cargo Pier and Personnel Landing

Building No.: 126

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CARGO PIER AND PERSONNEL LANDING</u>  A wood structure consisting of piling, and timber with 3" decking, size 18'-0" wide x 178'-2" long, with wing walls to roadway and personnel gangway landing at one side. Total area of deck 3,267 square feet.	1	Each Direct Indirect	\$78,613.80 54,996.57		\$234.64	\$133,845.01	

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SHEET NO. 15 OF 20

\*Not for use by A-E Page 18

JOB NO. 640 - 4a, b & d CONTRACT NO. AT-(29-1)-507

LOCATION BUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:  
23 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

1C-177 3/23/51

For: The Complete Construction of Camp Site Preparation, Roads, Airstrip,  
and Miscellaneous Areas  
Building No.:

Revised:  
3 August 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CAMP SITE PREPARATION, ROADS, AIRSTRIP, AND MISCELLANEOUS AREAS</u>							
	This item includes all camp site work such as general grading, clearing, blading and shaping, walks and asphalt paved areas, roads and airstrip.	1	Site					
	ROADS	18,000	Sq. Yds. Direct Indirect	\$12,645.78 7,057.93		\$262.46	\$19,966.17	
	PAVING AIRSTRIP	7,300	Sq. Yds. Direct Indirect	\$23,528.05 11,278.31		\$278.38	\$35,104.74	
	SITE PREPARATION	119,700	Sq. Yds. Direct Indirect	\$25,145.98 14,034.58		\$325.23	\$39,505.79	

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SHEET NO. 16 OF 20

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AS-BUILT DRAWING NUMBERS AND DATES:  
10C-510 3/23/51

JOB NO. 640

CONTRACT NO. AT-(29-1)-507

LOCATION BUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:  
23 March 1951

For: The Complete Construction of Sewer System

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>SEWER SYSTEM</u></p> <p>Consists of two underground lines of 8" vitrified clay pipe, total length 1,182 feet, 5 corrugated metal manholes, 500 feet of corrugated metal pipe outfall, concrete anchor blocks spaced every 50 feet along the outfall, 318 feet of 6" service branches, and one 6" drain line from the power house directly into the lagoon.</p>	1	Each Direct Indirect	\$9,071.37 6,073.40		\$995.77	\$16,140.54	

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DATE OF THIS REPORT:

15 January 1951

23 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

FS-482 3/23/51 90-607.1 1/15/51  
FS-271 3/23/51 FS-173-1 1/15/51  
FS-173 1/15/51

JOB NO. 640 - 41, 40

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

For: The Complete Construction of Fresh and Salt Water Systems, Elevated Water Tower, and Acid Tank Building  
Building No.: 104, and 120, and Tank No. 112

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SALT WATER SYSTEM</u>							
	The salt water system consists of 1070 lineal feet of 4" transite pressure pipe and 283 lineal feet of the 3" size, underground, six service connections, and a reinforced concrete salt water well with cover, size O.D. 4'-6" x 4'-6" x 16'-1" deep located 60 feet from the power house. A 6" suction line from the well to the pumps feed the distillation units and the salt water lines.	1	Each					
			Direct	\$6,676.32				
			Indirect	3,162.20		\$324.45	\$10,162.97	
	<u>FRESH WATER SYSTEM AND TANK #112</u>							
	The fresh water system consists of 380 lineal feet of 4" transite pressure pipe and 973 lineal feet of the 3" size, underground, and 5 service connections. A fresh water steel storage tank #112, size 12'-6" diameter x 8'-6" (7500 gallons), is provided in addition to the elevated fresh water storage in tower #104.	1	Each					
			Direct	\$6,676.32				
			Indirect	3,162.20		\$324.44	\$10,162.96	
	Distillation Equipment - Installed in Bldg. 106		Direct	\$105,161.06				
			Indirect	36,348.95			\$141,510.01	
	<u>ELEVATED WATER TOWER - Bldg. #104</u>							
	Wood construction; set on six reinforced concrete piers and footings; wood ladder. TANKS - two steel, bolted, 4,200 gallon capacity tanks with required salt and fresh water piping.	1	Each					
			Direct	\$8,362.76				
			Indirect	7,163.34		\$339.48	\$15,865.58	
	<u>ACID TANK BUILDING - Bldg. #120</u>							
	One story wood and corrugated iron construction; rectangular shape; size O.D. 8'-0" x 12'-0" x 9'-0" high; set on a 5" thick concrete slab; piping; floor area O.D. 96 sq. feet; cubic content 706 cubic feet; 240 gallon capacity redwood tank.	1	Each					
			Direct	\$751.74				
			Indirect	475.44			\$1,227.18	

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DATE OF THIS REPORT:  
23 March 1951  
5 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

8C-5354	W/3/51	FS-507-2	W/5/51	7C-5301	W/5/51	7C-5307	W/5/51
8C-5355	W/3/51	FS-507-3	W/5/51	7C-5302	W/5/51	8H-5367	W/5/51
8C-5356	W/3/51	FS-507-4	W/5/51	7C-5303	W/5/51	6C-351	3/23/51
8C-5357	W/3/51	FS-507-5	W/5/51	7C-5304	W/5/51		
8C-5358	W/3/51	FS-507-6	W/5/51	7C-5305	W/5/51		
FS-507-1	W/5/51	FS-507-7	W/5/51	7C-5306	W/5/51		

JOB NO. 640-4k,1,o 729 CONTRACT NO. AT-(29-11)-507

LOCATION RUNIT ISLAND - SITE "C"

For: The Complete Construction of **Electrical Power Distribution, Control & Signal, Radio Back-Up System, and Public Address System**  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units																					
	<b>ELECTRICAL POWER SYSTEM</b>																												
	<b>OVERHEAD DISTRIBUTION</b> - Consists of 750' of primary line, 2300 V, #4 bare wire, four 40 foot poles, and the secondary line, 120 - 240 volt, consists of 3560' of #6 wire, thirteen 30 foot poles, five transformers, street lights and service drops to all buildings and stations requiring light and power.	1	Each																										
	<b>UNDERGROUND DISTRIBUTION</b> - Consists of primary and secondary power lines, telephone and public address system, control and signal system, including all trenching, complete with transformers and other equipment to complete a network of systems for serving all stations on the site. The magnitude of this feature is indicated by the following approximate figures.	1	Each																										
	<table border="0"> <tr> <td></td> <td>Trenching</td> <td>Lay Cable</td> </tr> <tr> <td>Secondary</td> <td>4250 L.F.</td> <td>6,650 L.F.</td> </tr> <tr> <td>Control &amp; Signal</td> <td>10930 L.F.</td> <td>230,000 L.F.</td> </tr> <tr> <td>Public Address</td> <td>1205 L.F.</td> <td>72,350 L.F.</td> </tr> <tr> <td>Primary</td> <td>10125 L.F.</td> <td>10,125 L.F.</td> </tr> <tr> <td>Transformers</td> <td>26510 L.F.</td> <td>28 Each</td> </tr> <tr> <td></td> <td></td> <td>319,125 L.F.</td> </tr> </table>		Trenching	Lay Cable	Secondary	4250 L.F.	6,650 L.F.	Control & Signal	10930 L.F.	230,000 L.F.	Public Address	1205 L.F.	72,350 L.F.	Primary	10125 L.F.	10,125 L.F.	Transformers	26510 L.F.	28 Each			319,125 L.F.							
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		319,125 L.F.																											
	Distribution Lines		Direct	\$37,314.16																									
			Indirect	18,524.95		\$3,500.45	\$59,339.56																						
	Generating Equipment		Direct	\$91,278.44																									
			Indirect	19,080.32			\$110,358.76																						
	<b>TOTAL - Electrical Facilities</b>		Direct	\$128,592.60																									
			Indirect	37,605.27		\$3,500.45	\$169,698.32																						
	Control & Signal		Direct	\$19,830.98																									
			Indirect	16,310.92		\$2,135.02	\$38,276.92																						
	Radio Back-Up		Direct	\$674.02																									
			Indirect	863.93		\$123.36	\$1,661.31																						
	Public Address					\$48.89	\$48.89																						

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

7C-356 3/23/51

JOB NO. 640 - 4L

CONTRACT NO. AT-(29-1)-507

LOCATION RUNIT ISLAND - SITE "C"

DATE OF THIS REPORT:  
23 March 1951

For: The Complete Construction of Telephone Distribution Service Lines

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TELEPHONE DISTRIBUTION SERVICE LINES</u>							
	The telephone distribution lines consist of 1,850 L.F. of 16 x 22 Direct Burial Cable, 275 L.F. of 16 x 22 Overhead Cable, 425 L.F. of 11 x 22 Overhead Cable, 2,100 L.F. of one pair Overhead, and 3 each Cook's Terminals strung on power poles.	1	Each Direct Indirect	\$7,880.74 2,070.56		\$389.57	\$10,340.87	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 4b

CONTRACT NO. AT-(129-1)-507

LOCATION BUNIT ISLAND - SITE "C"

A-1 W/2/51 M-3 W/2/51 S-3 W/2/51  
E-1A W/2/51 M-4 W/2/51 S-4 W/2/51  
E-3 W/2/51 M-5 W/2/51 S-100 W/2/51  
M-1 W/2/51 S-1 W/2/51 30-608 W/2/51  
M-2 W/2/51 S-2 W/2/51 30-623 W/2/51

For: The Complete Construction of 300' STEEL TOWER

Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<b>300' STEEL TOWER</b>							
	A steel tower, 27' heel to heel at foundation, 40' section at 12'-6" elevation, tapering to 20'-0" leg spacing, triangular section, with ladders and crossover platforms every 25', rising to 301'-6" elevation, erected on reinforced concrete foundation and base slab with piers and footings spaced 27'-0" under the three legs and connected with tie beams, lift pit included and 3" asphalt concrete paving to a 400' radius, and 1 1/2" asphalt paving to a 1000' radius, at the 301'-6" level a steel framework size 16' x 22'-0" provides anchorage for the steel frame tower house, size 16'-4" x 18'-0" x 13'-0" high, corrugated aluminum covered roof and side, plastic glazing, grating floor with 7' x 7' opening, hatches in roof for hoist block and access, roof is provided with a catwalk, the tower structure continues to a height of 322'-4" where the main hoist beam is supported by "A" frame construction, on top of the structure are lightning rods with grounding cable, and aircraft warning lights; at the 250' level three permanent guys (1 1/2" diameter) are attached and extend 353' to concrete anchorage below, (31 cubic yards concrete each); two messenger cables, 636' each, are provided and anchored in concrete blocks, 3' x 4' x 6' for supporting the coaxial cable and a hand winch and cable (650') for their installation, the elevator and main hoist machines (2) are mounted on concreted foundations and a motor generator is housed in a wood frame, corrugated aluminum covered sides and roof, size 12'-0" x 12'-0" x 9'-3" mean height, on a concrete slab, with adjacent transformer bank on a 6" concrete slab, size 3' x 7', the surrounding area 17' x 13' is enclosed by a wire fence, the tower house, structure, and area is complete with electric wiring and fixtures, elevator cab, main hoist, telephone installation, and 400 feet of security fencing.	1	Each					
	TOTAL - Tower Costs			Direct \$113,458.28 Indirect 95,321.45		\$1,303.27	\$210,083.00	
	TOTAL - Asphalt Paving Cost			Direct \$65,976.17 Indirect 29,070.93		\$829.02	\$95,876.12	

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Aomon, Biijiri, Rojoa, and Eberiru Islands

Sites "D-V"

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 1 OF 19

AS-BUILT DRAWING NUMBERS AND DATES:

28-5115-2 2/2/51  
20-048.3 2/2/51

JOB NO. 640 - 5g

CONTRACT NO. AT-(29-1)-507

ACONON, BIIJIRI, ROJOA,  
LOCATION & EBERIBU GROUP - SITES "D-7"

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 February 1951

For: The Complete Construction of Tents

Building No.: 1 thru 50, and 121 thru 149

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TYPICAL TENT FRAME - 4-MAN SIZE - ON CONCRETE</u>							
	Canvas and wood construction; size O.D. 11'-2" x 11'-4" x 11'-6"; anchor bolted to a 6" concrete slab; canvas fly separated from tent roof by spacer blocks and fly ridge; electrical wiring and fixtures; slab area O.D. 208 square feet.	79	Each					
		1	Each Direct Indirect	\$370.44 296.56		2.26	\$669.26	
	TOTAL - 79 Units		Direct Indirect	\$29,264.60 23,428.15		\$178.60	\$52,871.35	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 2 OF 19

AS-BUILT DRAWING NUMBERS AND DATES:

20-382-2 2/10/51  
20-926-2 2/10/51  
PS-436 2/10/51

JOB NO. 640 - 5e

CONTRACT NO. AT-(29-1)-507

ACOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIBU GROUP - SITES "D-y"

\*Not for use by A-E  
DATE OF THIS REPORT:  
10 February 1951

For: The Complete Construction of Refreshment Tent and Hall

Building No.: 51

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>REFRESHMENT TENT AND HALL</u>							
	<p>The hall is one story, wood frame, shed roof corrugated aluminum covered, plywood siding with one end open, 4" x 8" sills and plywood flooring. The size I.D. is 17'-8" long x 11'-4" wide x 8'-3" high with a cubic content of 1,667 cubic feet and a floor area of 200 square feet. This building is complete with electric wiring and fixtures and water service.</p>							
	<p>Opposite the open end, an entrance leads to the walk-in refrigerator and, adjoining one side, an area 13'-0" x 18'-0" (234 square feet) is provided with 3/4" plywood flooring, one end wall with louvers and one side wall of canvas, leaving one end open.</p>							
	<p>The adjoining canvas covered shelter consists of wood framing mounted on 18 concrete piers spaced 45'-0" x 19'-6" with a 2'-0" overhang on each side giving a sheltered area of 45'-0" x 23'-6", or 1,057 square feet.</p>							
	<p>Installed equipment includes: One double sink, four refrigerators, and one cash register.</p>	1	Each					
				Direct \$8,815.28 Indirect 4,451.33		\$94.48	\$13,361.09	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-362-2 2/10/51  
20-906-2 2/10/51  
20-949-2 2/10/51

JOB NO. 640 - 5e

CONTRACT NO. AT-(29-1)-507

ACOM, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
10 February 1951

For: The Complete Construction of Open Air Motion Picture Theatre

Building No.: 100

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>OPEN AIR MOTION PICTURE THEATRE</u></p> <p>The projection room is a one story, wood frame, shed roof corrugated aluminum covered, corrugated aluminum sides, complete with electric wiring, fixtures, and equipment, erected on a 4" concrete slab size 8'-0" x 11'-6", 92 square feet. The inside dimensions are 7'-4" wide x 10'-10" long x 7'-11" high, with a cubic content of 630 cubic feet.</p> <p>A 13'-0" x 16'-0" wood screen structure is mounted on and braced from concrete piers and elevated 4'-0" above grade. The screen is plywood 13'-0" x 16'-0" painted white with 2'-0" black border around all four sides. Steps and a platform lead to a stage 8'-0" x 16'-0" elevated 2'-0" in front of the screen structure. The distance from the screen to the front of the projection room is 59'-6".</p> <p>Benches with back rests provide seating in the area between the two above mentioned structures.</p> <p>Equipment includes two 16 MM projectors.</p>	1	Each					
		1	Each					
			Direct	\$4,154.12				
			Indirect	2,768.18		\$57.02	\$6,979.32	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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SHEET NO. 4 OF 19

COMPLETION REPORT FOR

ATOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

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DATE OF THIS REPORT:  
2 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 5a

CONTRACT NO. AT-(29-1)-507

2B-125-3 2/2/51 2B-425-4 2/2/51  
2B-135-3 2/2/51 2B-425-5 2/2/51  
20-048-3 2/2/51 2B-183-2 2/2/51

For: The Complete Construction of Shower & Latrine - 100 Man Capacity

Building No.: 102 and 107

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SHOWER AND LATRINE - 100 MAN CAPACITY</u>							
	One story, double roof, prefabricated aluminum structure; rectangular shape; size I.D. 24'-0" x 36'-8 1/2" x 10'-0" mean height; set on a 5" thick concrete slab; vented window panels; aluminum partitions; with electrical wiring and fixtures; plumbing; floor area O.D. 953 square feet; cubic content I.D. 8,810 cubic feet; special features: Floor drains; outside concrete pad for a drinking fountain; Shower Room with standard internal partition with shelf and clothes hooks on one side only; Wash Room with standard internal partitions; Toilet Room with standard internal toilet enclosures; mirrors; outside water cooler with drinking fountain.	2	Each					
		1	Each					
			Direct	\$8,855.70				
			Indirect	4,620.48		\$195.53	\$13,671.71	
	TOTAL - 2 Units		Direct	\$17,711.39				
			Indirect	9,240.96		\$391.06	\$27,343.41	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-928-1 2/2/51  
20-931-1 2/2/51  
20-456-1 2/2/51  
20-388-2 2/2/51

JOB NO. 640 - 5e

CONTRACT NO. AT-(29-11)-507

ACOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 February 1951

For: The Complete Construction of Fire and First Aid Station

Building No.: 103

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>FIRE AND FIRST AID STATION</u></p> <p>One story, double roof, prefabricated aluminum structure; rectangular shape; size I.D. 24'-0" x 20'-8 1/2" x 10'-0" mean height; set on a 5" thick reinforced concrete slab; vented window panels; plywood enclosure and screen door; aluminum and plywood partitions; electrical wiring and fixtures; plumbing; water cooler with drinking fountain; telephone installation; floor area O.D. 551 square feet; cubic content I.D. 4,982 cubic feet.</p> <p>Equipment includes: One fire truck.</p>	1	Each	Direct \$4,705.84 Indirect 2,768.27		\$96.92	\$7,571.03	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-907-3	2/2/51	20-959-2	2/2/51
20-908-3	2/2/51	20-453-3	2/2/51
20-452-3	2/2/51	FS-424	2/2/51
20-367-3	2/2/51	FS-189-2	2/2/51
		FS-197-2	2/10/51

JOB NO. 640 - 5e

CONTRACT NO. T-129-11-507

ACOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E

DATE OF THIS REPORT:

10 February 1951

For: The Complete Construction of 100 Man Mess Hall, Boiler House, and Garbage Storage Shed  
Building No.: 104 and 118

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>100 MAN MESS HALL - Bldg. #104</u>  One story, double roof, prefabricated aluminum structure; rectangular shape; size I.D. 24'-0" x 100'-8 1/2" x 10'-0" mean height; with attached wood frame, plywood, screen and corrugated metal refrigerator building; set on a 5" thick concrete slab, 1,962 square feet; vented window panels; electrical wiring and fixtures, and telephone installation; plumbing, including fuel oil and steam piping; floor area O.D. 3,456 square feet; cubic content I.D. 30,405 cubic feet. Special features: Floor provided with eight drains conveniently located and 6" high curb under steamer in scullery; four exterior concrete pads each 3'-6" x 5'-0" for enclosed screened entryways; screens on all doors and windows.  Installed equipment includes: Steam and hot water generating units, two ice machines, four walk-in and one reach-in refrigerators, one freezer, one ice cream cabinet, cold pan, range, oven, steam cooker, dish washer, three hoods, three exhaust fans, grease arrester, two deep fat fryers, one steam kettle, griddle and stand, coffee urn and stand, food chopper, potato peeler, slicing machine, food mixer, knife sharpener, food cutter, meat block, steam table, counter, water cooler with drinking fountain, three sprayers, and seven work tables.	1	Each Direct Indirect	\$63,628.92 21,731.53		\$829.61	\$86,190.06	
	<u>BOILER HOUSE</u>  A one story, wood frame, aluminum covered structure, anchor bolted to a 5" thick concrete slab with floor drain, size 13'-0" x 11'-0"; fuel-oil storage tank 5'-0" diameter by 8'-6" long saddled 4'-0" above ground on concrete piers; located adjacent to Mess Hall.	1	Each Direct Indirect	\$4,358.91 834.90		\$37.26	\$5,231.07	
	<u>GARBAGE STORAGE SHED - Bldg. #118</u>  A one story wood frame, shed roof corrugated aluminum covered, plywood and screen siding, erected on a concrete floor slab size 8'-0" x 8'-0" (64 square feet) with a 6" x 6" concrete curb, complete with plumbing, salt water and steam piping. Inside dimensions 7'-4" x 7'-4" x 7'-9" high with a cubic content of 537 cubic feet.  This shed includes a wood ramp leading up to an elevation of 6'-10" from one of the screen doors. The ramp, including the hand railing, is 9'-4" high x 4'-0" wide and 25'-10" long.	1	Each Direct Indirect	\$418.87 266.57			\$685.44	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-911-3 2/2/51  
20-912-3 2/2/51  
20-369-2 2/2/51

JOB NO. 640 - 5e

CONTRACT NO. AT-(29-1)-507

AOMON, BIIJIRI, ROJOA,  
LOCATION & KBERIRU GROUP - SITES "D-V"

\*Not for use by A-E

DATE OF THIS REPORT:

2 February 1951\*

For: The Complete Construction of Administration Building

Building No.: 105

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>ADMINISTRATION BUILDING</u>	One story, double roof, prefabricated aluminum structure; rectangular shape; size I.D. 24'-0" x 44'-8 1/2" x 10'-0" mean height; set on a 5" thick concrete slab; vented window panels; aluminum partitions; with electrical wiring and fixtures; and telephone installation; floor area O.D. 1,155 square feet; cubic content I.D. 10,730 cubic feet.	1	Each	Direct \$5,912.52 Indirect 2,660.39		\$132.67	\$8,705.58	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

20-903-2 2/2/51  
20-904-2 2/2/51  
20-353-2 2/2/51  
18H-626 2/2/51

JOB NO. 640 - 5a

CONTRACT NO. AT-(29-11)-507

ACOMON, BILJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 February 1951

For: The Complete Construction of Shop Building and Timber Grease Rack  
Building No.: 106 and 110

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SHOP BUILDING - Bldg. 106</u>							
	One story, double roof, prefabricated aluminum structure; rectangular shape; size I.D. 24'-0" x 40'-8 1/2" x 10'-0" mean height; set on a 5" thick reinforced concrete slab; vented window panels; light and power wiring and fixtures; drinking fountain; floor area O.D. 1,054 square feet; cubic contents I.D. 9,937 cubic feet. Benches and small parts bin.	1	Each					
	Installed equipment includes: Two drills and one saw.		Direct	\$9,619.87				
			Indirect	5,011.61		\$163.37	\$14,794.85	
	<u>TIMBER GREASE RACK - Bldg. 110</u>							
	One grease rack of timber construction; overall size at grade level 14'-0" x 42'-9 3/4"; two tread ramps rising from concrete pads to elevated planking 5'-5" above grade; tread ramps and elevated planking 2'-0" wide, constructed of 3" x 8" planking; 3'-3" between ramps which rise through a distance of 20'-6"; horizontal elevated planking 22'-3 3/4" in length; 2" x 6" decking on sills between structures; floor area 89 square feet; Douglas fir timber supports, bracing and planking above 6" x 8" redwood sills set on grade.	1	Each					
			Direct	\$558.08				
			Indirect	129.77			\$687.85	

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 52

CONTRACT NO. AT-(29-1)-507

ACMOM, BIIJIRI, ROJOA,  
& EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E

DATE OF THIS REPORT:

23 March 1951

For: The Complete Construction of Power & Water Distillation Plant

Building No.: 108 - Station 100

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>POWER AND WATER DISTILLATION PLANT</u>	1	Each	Direct \$56,365.26 Indirect \$1,712.43		\$1,027.95	\$109,105.64	
<p>This is a one story reinforced concrete structure with walls and roof slab 17" thick, floor slab 8" thick and concrete masses of various sizes for machinery and equipment foundations. There are four hexagon shaped columns measuring 2'-4" across the flats supporting the roof slab, and one mezzanine deck 15'-2" x 17'-8 1/16" with an 8" thick reinforced concrete slab. There is a 2'-0" high parapet 12" thick across the front, and 1 1/2" thick wing-walls extending diagonally 15'-0" from each corner of the front face of the building. Interior dimensions of 51'-0" x 42'-0" x 15'-0" high, give an area of 2,442 square feet on the main floor plus 265 square feet on the mezzanine, and a total content of 32,130 cubic feet. Three exterior walls and roof are water sealed with 2 layers of 15 pound rag felt, hot mopped, and structure is earth covered to a minimum depth of 2'-0" graded off two sides and rear at the rate of 1' to 3'. Building complete with electrical fixtures and wiring, telephone installation, three diesel engine driven generators with cubicles and panel boards, pumps, and three distillation units; diesel engine piping, distillation piping, and ventilation equipment and ducts. Installed equipment includes: Two air compressors, two air tanks, one chemical feeder, one condensate pump unit, one liquidometer, three transformers, one boiler, one acid tank, one fuel oil tanks, and one acid pump. Installed equipment costs for generating electrical power or water distillation are not included on this sheet. These items are included on sheets for their respective system.</p>								

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

FS-467 2/24/51

JOB NO. 640 - 1

CONTRACT NO. AT-129-11-507

ACOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-7"

\*Not for use by A-E  
DATE OF THIS REPORT:  
24 February 1951

For: The Complete Construction of Cement Storage Warehouse

Building No.: 120

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CEMENT STORAGE WAREHOUSE</u>							
	This is a one story, gable roof, wood frame erected on 14 concrete piers 2' x 2' x 1'-2" depth, roof, one side and portions of two ends covered with corrugated steel, size 20'-0" x 50'-2" x 9'-8" to beams, total floor area including 8'-0" x 10'-3" shed equals 1,086 square feet.	1	Each					
			Direct	\$573.22				
			Indirect	626.16		\$9.40	\$1,208.78	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:  
13D-223 4/6/51

JOB NO. 640 -5a & g CONTRACT NO. AT-129-11-507

AOMON, BIIJIRI, HOJQA, LOCATION & KERRIRU GROUP - SITES "D-V" DATE OF THIS REPORT:  
6 April 1951

For: The Complete Construction of Roads & Buildings - Camp Area

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>ROADS AND BUILDINGS - CAMP AREA</u>							
	The camp area, approximately 500 feet x 1000 feet, includes scientific station #69, power house and other facilities for the camp including an open air movie. Temporary as well as permanent water distillation facilities, tents, sheds, and tanks. The roads approximate 1500 lineal feet and the original tent area was increased from 50 to 79 - four man tents. A pit is provided to take care of the salt water overflow.							
	Site Preparation	135,120	1 Site sq. yds. Direct Indirect	\$33,651.53 16,736.52		\$938.50	\$51,326.55	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

AOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
6 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

13D-219 4/6/51  
13D-221 4/6/51

JOB NO. 640 - 5a, b CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of Grading and Paving Roads and Airstrip

Building No.: Locations D2 and D3

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>GRADING AND PAVING ROADS AND AIRSTRIP</u>							
	The final location of main roads and paving after alterations and changes to meet field conditions consists of 3" AC paving 7,130 sq. yds. for the airstrip and 1,445 sq. yds. of road paving, the balance of permanent main roads, bladed, scraped, and stabilized amounts to 7,700 sq. yds.	1	Each					
	Road Paving - 1,445 sq. yds.		Direct	\$14,669.81				
	Road Grading & Stabilizing - 7,700 sq. yds.		Indirect	7,490.38		\$589.37	\$22,719.56	
	Airstrip Asphalt Paving - 7,130 sq. yds.		Direct	\$22,364.56				
			Indirect	13,720.98		\$420.96	\$36,506.50	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:

13D-218 4/6/51  
F8-618 4/11/51

JOB NO. 640 - 5r

CONTRACT NO. AT-(29-1)-507

ACOM, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
11 April 1951

For: The Complete Construction of Causeway Biijiri to Rojoa with Personnel  
Landing  
Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CAUSEWAY BIIJIRI TO ROJOA</u>							
	A wood structure, 20'-0" wide x 490'-4" long, consisting of 43 pile bents, bulkheads, wing walls and approaches from each shore.	1	Each					
	<u>PERSONNEL LANDING</u>							
	Attached to causeway, a wood structure of pile bents and decking 5'-4" wide x 22'-5" long x 8'-9 1/2" high above pile bracing.	1	Each					
	TOTAL		Direct Indirect	\$131,928.49 82,294.45		\$1,525.92	\$215,748.86	

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

AOMON, BIIJIRI, ROJOA,

\*Not for use by A-E

BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 5r

CONTRACT NO. AT-(29-1)-507

LOCATION & EBERIRU GROUP - SITES "D-V"

DATE OF THIS REPORT:

FS-356-1 4/2/51  
FS-356-2 4/2/51

For: The Complete Construction of Cargo Pier - Site D3

2 April 1951

Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CARGO PIER - SITE D3</u>  A wood structure off shore 20'-0" wide x 111'-0" long, consisting of eleven 4 pile-bents, with an approach section, bulkhead and wing walls to the 10'-0" elevation, stabilised 20 foot wide roadway approach, which is approximately 175 feet long from shore.	1	Each					
			Direct	\$79,979.21				
			Indirect	55,291.32		\$161.71	\$135,432.24	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 53

CONTRACT NO. AT-(129-11)-507

AOMOM, HIIJIRI, ROJOMA,  
LOCATION & EBERRIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
10 February 1951

FS-132 2/10/51

For: The Complete Construction of Sewer Lines

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			*Proration of Charges to Units	
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost		Total
	<p><u>SEWER LINES</u></p> <p>The sewer lines consist of 780 feet of 8" V.C. pipe and four manholes, 200 feet of 6" V.C. pipe, and a 220 foot outfall of 8" corrugated metal pipe.</p> <p>Other piping shown on this drawing includes 150' of 2" G.I. pipe - fuel tank drain, 150' of 2" brass pipe - motor cooling water, 60' of 4" pipe to the salt water well, and 90' of 2" pipe - water tower to pit.</p>	1	Each	Direct \$9,410.16 Indirect 4,463.74		\$741.86	\$14,615.76	

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SANTA FE OPERATIONS OFFICE

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SHEET NO. 16 OF 19

COMPLETION REPORT FOR

ACOMON, BIIJIRI, ROJOA,

\*Not for use by A-E

LOCATION & EBERIRU GROUP - SITES "D-V"

DATE OF THIS REPORT:

23 March 1951

JOB NO. 640 - Si, 1, 5e CONTRACT NO. AT-(29-11)-507

For: The Complete Construction of Fresh & Salt Water Lines, Salt Water Well,  
Temporary Distillation Plant, 30' Elevated Water Tower, & Acid Tank Bldg.  
Building No.: 101, 117, and 119

ESTIMATE

SFO. 43 a  
(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

FS-132 2/10/51  
FS-271 3/23/51  
FS-442 2/24/51  
90-607-2 2/2/51  
FS-175-2 2/2/51

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>FRESH AND SALT WATER LINES</u>							
	The fresh water lines consist of 845 feet of 3" transite pressure pipe and fittings. Branches 90 feet of 2", 50 feet of 1 1/2", 15 feet of 1 1/4" and 230 feet of 3/4".	1	Each					
	The salt water lines consist of 912 feet of 3" transite pressure pipe and fittings. Branches 105 feet of 2", 75 feet of 1 1/4", and 50 feet of 3/4".	1	Each					
	<u>SALT WATER WELL &amp; SUCTION PIPING</u>							
	Adjacent to the power and water distillation plant, a well 16'-1" deep including cover is provided with piping, foot valve, and fittings which lead to the pumps in the power plant. The well O.D. 5'-0" x 5'-0" x 16'-1" is of reinforced concrete with seepage slots in the lower section.	1	Each					
	TOTAL - Lines and Well		Direct	\$7,186.28				
			Indirect	5,199.47		\$527.73	\$12,913.48	
	TOTAL - Distillation Equipment Located in Bldg. #108		Direct	\$125,706.34				
			Indirect	49,931.77			\$175,638.11	
	<u>30' ELEVATED WATER TOWER - Bldg. #101</u>							
	One tower of timber construction consisting of an elevated platform 29'-0 5/8" above grade; overall dimensions 15'-2" x 27'-9 1/2"; platform floor area is 421 square feet; ladder; tower supports two tanks of 4,200 gallon capacity each.	1	Each					
			Direct	\$6,460.36				
			Indirect	5,573.13		\$374.54	\$12,408.03	
	<u>ACID TANK BUILDING - Bldg. #117</u>							
	One story wood structure; rectangular shape; size O.D. 8'-0" x 12'-0" x 9'-0"; set on a 5" thick concrete slab; with water connection; floor area O.D. 96 square feet; cubic content I.D. 685 cubic feet; special features and equipment: One pump on concrete pad; one vertical tank.	1	Each					
			Direct	\$751.74				
			Indirect	475.44			\$1,227.18	
	<u>TEMPORARY DISTILLATION PLANT - Bldg. #119</u>							
	This is a one story shed roof wood frame one side open, three sides louvers all round, corrugated aluminum covered roof and sides, erected on a 5" concrete slab, size 25'-0" x 50'-0" total 1,250 square feet, complete with electric wiring and fixtures, fresh and salt water piping, distillation units, pump and water pontoons.							
	Installed equipment includes: Four distillation units, and one pump.	1	Each					
			Direct	\$698.47				
			Indirect	338.70		\$50.50	\$1,087.67	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 5k  
729

CONTRACT NO. AT-(29-1)-507

ATOMON, BILJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E

DATE OF THIS REPORT:

6 April 1951  
21 May 1951

For: The Complete Construction of Electrical Power Distribution, Control & Signal, Radio Back-Up System, and Public Address System  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units																								
	<b><u>ELECTRICAL POWER SYSTEM</u></b>																															
	<b><u>OVERHEAD DISTRIBUTION</u></b> - The system includes 2,325 lineal feet of 2500 volt primary wiring, seven poles, eight transformers, street lighting with fixtures 1,550 lineal feet, 7,650 lineal feet of secondary wiring, 14 poles complete with service drops.	1	Each																													
	<b><u>UNDERGROUND DISTRIBUTION</u></b> - Electrical power, telephone, control and signal distribution (underground) include survey for and installation of primary and secondary power lines, telephone, control and signal public address system, trenching and backfill, special runs of conduit, power post stations and service connections. The magnitude of this feature is indicated by the following approximate figures.	1	Each																													
	<table border="0"> <tr> <td></td> <td>Trenching</td> <td>Cable</td> <td></td> </tr> <tr> <td>Secondary</td> <td>7410 L.F.</td> <td>9,700 L.F.</td> <td></td> </tr> <tr> <td>Control &amp; Signal</td> <td>23365 L.F.</td> <td>450,000 L.F.</td> <td></td> </tr> <tr> <td>Public Address</td> <td>5000 L.F.</td> <td>210,000 L.F.</td> <td></td> </tr> <tr> <td>Primary</td> <td>16905 L.F.</td> <td>18,705 L.F.</td> <td></td> </tr> <tr> <td>TOTALS</td> <td>52680 Lin. Ft.</td> <td>688,405 Lin. Ft.</td> <td></td> </tr> </table>		Trenching	Cable		Secondary	7410 L.F.	9,700 L.F.		Control & Signal	23365 L.F.	450,000 L.F.		Public Address	5000 L.F.	210,000 L.F.		Primary	16905 L.F.	18,705 L.F.		TOTALS	52680 Lin. Ft.	688,405 Lin. Ft.								
	Trenching	Cable																														
Secondary	7410 L.F.	9,700 L.F.																														
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Primary	16905 L.F.	18,705 L.F.																														
TOTALS	52680 Lin. Ft.	688,405 Lin. Ft.																														
	Distribution Lines		Direct	\$43,170.11																												
			Indirect	20,233.12		\$3,480.05	\$66,883.28																									
	Generating Equipment in Bldg. #108		Direct	\$99,978.40																												
			Indirect	20,833.16			\$120,811.56																									
	TOTAL - Electrical Facilities		Direct	\$143,148.51																												
			Indirect	41,066.28		\$3,480.05	\$187,694.84																									
	Control & Signal System		Direct	\$11,600.55																												
			Indirect	8,427.30		\$2,122.58	\$22,150.43																									
	Radio Back-Up System		Direct	\$304.48																												
			Indirect	390.33		\$122.64	\$817.45																									
	Public Address					\$48.60	\$48.60																									

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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 51

CONTRACT NO. AT-(29-11)-507

AOMON, BILJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V"

\*Not for use by A-E  
DATE OF THIS REPORT:  
6 April 1951

7D-357 4/6/51

For: The Complete Construction of Telephone Distribution - Overhead  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>TELEPHONE DISTRIBUTION - OVERHEAD</u></p> <p>Consists mainly of 2,460 lineal feet (approximately) of overhead lines and 40 lineal feet of underground line, 13 poles and 9 service drops. Switchboard is located in Scientific Station #69.</p>	1	Each	Direct \$7,898.09 Indirect 2,022.36		\$387.30	\$10,307.75	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

AOMON, BIIJIRI, ROJOA,  
LOCATION & EBERIRU GROUP - SITES "D-V" DATE OF THIS REPORT:

JOB NO. 640 - 5h CONTRACT NO. AT-(129-1)-507

AS-BUILT DRAWING NUMBERS AND DATES:

3V-041 4/3/51 30-684 4/3/51  
30-062 4/3/51 30-687 4/3/51  
30-063 4/3/51 30-5138 4/3/51  
30-682 4/3/51 17V-256 6/5/51  
30-683 4/3/51

For: The Complete Construction of 200 Foot Tower

Building No.:

\*Not for use by A-E  
3 April 1951  
5 June 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE				*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	
	30-5139, 30-5140, 30-5141, 30-5422, 30-5423, 30-5430, 30-5445, 3V-5449, 30-5625, 30-5626, 30-5627, 30-5630, 30-5641, 30-5647, 30-5651, 30-5653, 30-5654, 30-5656, 3V-5666, 3V-5667, 3V-5668, 3V-5669, 30-5672, 3V-5675, 3V-5676, 30-5677, 3V-5698, 3V-6601, 3V-6609, 3V-6610, 3V-6615.							
	<u>200 FOOT TOWER</u>  A steel tower 4 legs horizontally and vertically cross braced, size O.D. 20'-0" x 20'-0" x 200'-0" high, erected on 4 reinforced concrete footings, and steel piling. Eight guy wires from each of 2 levels 75' and 175', to 8 reinforced concrete guy anchors and messenger cable anchor; tower topped with steel checkered plate deck upon which is mounted a corrugated aluminum cab with sheet aluminum roofing, cab size O.D. 20'-0" x 20'-0" x 23'-5" high. A hoist beam extends above cab. A skip hoist is installed on outside of tower, the main hoist is installed inside of tower. Hoisting machinery is installed on reinforced concrete bases near base of tower. A steel ladder with guard is attached to tower. A water piping system complete with tanks, pumps and piping extends from base to top of tower. A ventilation fan is installed on roof of cab. A generator house is a one story, shed roof, wood and corrugated aluminum building, size O.D. 12'-0" x 12'-0" x 9'-3" mean height, erected on a 4" concrete slab with motor generator and base installed, floor area 144 square feet. A concrete slab 6" thick x 3'-0" wide x 20'-0" long and a surrounding area 12'-0" x 26'-0" is enclosed by a 5'-6" high wood fence. Complete with electric wiring and fixtures including signal lights, obstruction lights, grounding, lightning rods, telephone and signal cables, and messenger cable. Installed equipment includes: One winch.	1	Each					
	<u>PAVING - Dwg. 17V-256 6/5/51</u>  The asphaltic concrete paving around the tower extends to a 1000' radius. The center area to a 400' radius is 3" thick, the balance is 1 1/2" thick.	1	Each					
	TOTAL - Tower Structure		Direct	\$247,517.05				
			Indirect	200,558.53		\$1,282.96	\$449,358.54	
	TOTAL - Asphalt Paving		Direct	\$99,934.87				
			Indirect	67,086.41		\$1,512.24	\$168,533.52	

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Engebi Island - Site "E"

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

CONTRACT NO. AT-(29-1)-507

For: ENGEBI ISLAND - SITE "F"

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Sheet No. \_\_\_ of \_\_\_

\* Not for use by A-E

INDEX SHEET

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STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.
4 Man Tents	1-85	1	4 Man Tents	123-194	1			
Refreshment Tent & Shelter	86	2	Timekeeping & Fire Station	195	6			
Acid Tank Building	92	19	Day Room Quonset	196	6			
Field Laboratory	93	3	Latrine	197	10			
Post Office, PX & Recreation Bldg.	94	2	Electrical Shop	198	8			
Garbage Storage Shed	95	5	Tool Store House	199	7			
Reinforcing Steel Shop	96	6	Expediting, Saw Mill & Files	200	7			
Construction Office	97	6	A,E,C. Rigging Shop	201	7			
A.E.C. Warehouse	98	6	Temporary Distillation Plant	202	18			
Carpenter Shop	99	8	Warehouse	203	15			
Power & Water Distillation Plant	100	9	Warehouse	204	15			
Showers & Latrine	101	10	Site Preparation, Roads & Airstrip		16			
Motor Repair Shop	102	8	Sewer System		17			
Mess Hall & Boiler House	103	4	Salt Water System		18			
Fire & First Aid Building	104	11	Salt Water Well		18			
Elevated Water Tower	105	19	Fresh Water System		18			
Administration Building	106	12	Electrical Power System Sites E, S, T		20			
Showers & Latrine	107-108	10	Control & Signal System		20			
Open Air Motion Picture Theatre	109	13	Public Address System		20			
Grease Pit	111	8	Radio Back-Up System		20			
Dispensary	112	14	Telephone Overhead Distribution		21			
30 Foot Water Tower	120	19	Jetty & Channel		22			
Showers & Latrine	121-122	10	300 Foot Steel Tower		23			

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6g

CONTRACT NO. AT-(29-11)-507

LOCATION ENGEBI ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT:

5 February 1951

2H-5115-4 2/5/51  
2G-048-4 2/5/51

For: The Complete Construction of 4 Man Tents

Building No.: 1 thru 85 and 123 thru 194

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>4 MAN TENTS</u> Typical tent frames - Canvas and wood construction; size 14'-2" x 14'-4" x 11'-6"; anchor bolted to a 6" concrete slab; canvas fly separated from tent roof by spacer block and fly ridge; wood frame walls 36" above slab; door frame, ridge supports and ridge above wall frame; with electrical services; slab area O.D. 208 square feet.	157	Each	Direct \$44,262.76 Indirect 37,133.27		\$229.88	\$81,625.91	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENGEBI ISLAND - SITE "B"

SHEET NO. 2 OF 23

\*Not for use by A-E

DATE OF THIS REPORT:

13 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

FS-462 2/13/51  
FS-469 2/13/51  
20-926-3 2/5/51  
20-382-3 2/5/51

JOB NO. 640 - 6a

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of Post Office, PX & Recreation Building,  
Refreshment Tent, and Reefer Shelter  
Building No.: 94 and 86

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>POST OFFICE, PX &amp; RECREATION BUILDING - Bldg. #94</u>							
	One story, wood frame, shed roof, plywood siding, corrugated aluminum roof, erected on a 5" thick concrete slab, size 21'-6" x 90'-0", 1,935 square feet. Complete with electric wiring and fixtures and plumbing and fixtures, counters. The size I.D. is 20'-8" wide x 89'-0" long x 8'-0" with a cubic content of 16,412 cubic feet. Installed equipment includes: Two refrigerators, and an ice machine.	1	Each Direct Indirect	\$32,330.18 1,393.34		\$109.18	\$33,832.70	
	<u>REEFER SHELTER</u>							
	One story, wood frame, shed roof, canvas siding, corrugated aluminum roofing, erected on 6" concrete slab, size 8'-6" x 24'-0", 204 square feet, electric wiring and fixtures. The size I.D. is 8'-2" x 23'-4" x 7'-0" with a cubic content of 1,334 cubic feet.	1	Each Direct Indirect	\$5,532.27 4,356.26		\$192.54	\$10,081.07	
	<u>REFRESHMENT TENT - Bldg. #86</u>							
	Tent erected on a 4" thick finished concrete slab, size 14'-2" x 14'-4" with 202 square feet of floor space with two reefers adjacent to the rear. In front a wood frame, canvas covered shelter, size 45'-0" x 19'-6" is anchored to 18 concrete piers, size 12" x 12" x 1'-6". The shelter covers an area of 878 square feet. Complete with service counter and electric wiring and fixtures.	1	Each Direct Indirect	\$1,417.64 840.78		\$1.26	\$2,259.68	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6a

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT:

1 February 1951

FS-228 2/1/51

For: The Complete Construction of Field Laboratory

Building No.: 93

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>FIELD LABORATORY</u>							
	One story wood, aluminum, and steel building; rectangular shape; size O.D. 20'-0" x 40'-0" x 13'-0" high; set on a 5" thick concrete slab; corrugated aluminum roofing on 2" x 6" rafters and 1" x 6" purlins; walls of 2" x 6" wood framing with corrugated steel siding; screened openings at each end, 4'-0" wide, 3'-0" from floor; plywood partition 3'-6" high; screened doors; electrical wiring and fixtures; piping; benches; floor area O.D. 800 square feet; cubic content 7,781 cubic feet. Installed equipment includes: Two sinks, two scales, one salinity tester, one hydraulic test machine, one hot plate, one cement measure, one muffled furnace, one torsion balance, one indicator, one drying oven, one sand shaker, one laboratory still, one cube mold, one compaction kit, one drafting stool, one testing kit, one platinum crucible, one cook stove, one drafting machine, one calculator, one typewriter, and one pneumatic drill.	1	Each					
			Direct	\$3,996.82				
			Indirect	3,167.19		\$56.75	\$7,220.76	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

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SHEET NO. 4 OF 23

Not for use by A-E  
DATE OF THIS REPORT:  
10 February 1951

## AS-BUILT DRAWING NUMBERS AND DATES:

2E-380	2/5/51	2E-910	2/5/51
2E-450	2/5/51	2C-959-3	2/5/51
2E-451	2/5/51	FS-440	2/10/51
2E-909	2/5/51	FS-197-1	2/1/51

JOB NO. 640 - 6e

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE "E"

For: The Complete Construction of 170 Man Mess Hall, Boiler House, Scullery, and  
Building No.: 103 and 95 Garbage Storage Shed

## ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<b>MESS HALL BUILDING NO. 1</b> A one story, double roofed, prefabricated aluminum building, erected on a 5" thick concrete slab, size 25'-2" x 145'-10 1/2" (3,672 square feet), complete with electric wiring and fixtures, telephone installations, plumbing, and piping systems. Inside dimensions 24'-0" wide x 144'-8 1/2" long x 10'-0" mean height, with a cubic content of 34,730 cubic feet.							
	<b>MESS HALL BUILDING NO. 2</b> A one story, wood frame, gable roof corrugated aluminum covered, plywood sides and eavings, erected on a 5" thick concrete slab size 24'-0" x 151'-4" (3,663 square feet), complete with electric wiring and fixtures, plumbing, and piping systems. Inside dimensions 23'-4" wide x 150'-8" long x 10'-0" mean height, with a cubic content of 35,155 cubic feet.							
	<b>SCULLERY BUILDING</b> Mess Halls Nos. 1 and 2 are joined together by a 5" thick concrete floor slab, size 25'-2" x 50'-6" (1,271 square feet), and a one story scullery building, wood frame, gable roof corrugated aluminum covered, plywood siding and eavings, complete with electric wiring and fixtures, and plumbing and piping systems. The size of this building is I.D. 11'-4" wide x 25'-0" long x 10'-0" mean height, with a cubic content of 2,833 cubic feet, and a floor area of 283 square feet.  Installed equipment includes: Built-in exhaust hoods and shelving; fans and exhausters; water coolers with drinking fountains; refrigerators and ice machines; ice cream cabinets and ice cream freezer; steam kettles and cookers; tables; sinks; mixers; bake ovens; kitchen ranges; fryers; griddles; coffee urns and stands; dish washers; potato peeler; slicing machine; knife sharpener; cutters, slicers, and choppers; toaster; grease arrester; etc.	1	Each Direct Indirect	\$125,973.11 48,124.30		\$859.73	\$174,957.14	
	<b>BOILER HOUSE</b> Building adjacent to the Mess Hall No. 1 is a one story, wood frame, shed type roof, corrugated aluminum covered sides and roof, erected on a 5" thick concrete slab, size 11'-0" x 13'-0" (143 square feet), complete with electric wiring and fixtures, plumbing and piping systems. The size of building is, inside dimensions, 10'-0" wide x 12'-0" long x 10'-3" high, with a cubic content of 1,230 cubic feet.  An oil storage tank, size 60" diameter x 8'-6" long adjacent to the Boiler House and mounted on concrete piers, has underground piping leading to the Mess Hall and Boiler House.	1	Each Direct Indirect	\$11,732.96 3,201.78		\$34.71	\$14,969.45	
	Continued on Next Page							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6a

CONTRACT NO. AT-(29-1)-507

LOCATION ENGERI ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT:

10 February 1951

For: The Complete Construction of 170 Man Mess Hall, Boiler House, Scallery, and  
Garbage Storage Shed  
Building No.: 103 and 95

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>GARBAGE STORAGE SHED - Bldg. 95 - FS-197-1 2/1/51</u></p> <p>One story wood and aluminum construction; rectangular shape; size O.D. 11'-0" x 14'-6" x 9'-0" high; set on a 5" thick concrete slab; shed roof with 2" x 4" rafters and corrugated aluminum roofing; 2" x 4" wood framing covered with insect screen on all walls; 1" x 12" at outside base of walls on all sides of building; two screened doors; floor sloped to drain to center of building; plumbing; floor area O.D. 160 square feet; cubic contents I.D. 1,143 cubic feet.</p>	1	Each Direct Indirect	\$418.87 266.57			\$685.44	

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DATE OF THIS REPORT:  
24 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

FS-416 2/13/51 FS-467 2/13/51  
FS-418 2/13/51 FS-428 2/13/51  
FS-421 2/13/51 FS-452 2/24/51  
FS-431 2/13/51 FS-454 2/24/51

JOB NO. 640 - 6a &  
640 - 1

CONTRACT NO. AT-(29-11)-507

LOCATION ENGINA ISLAND - SITE "E"

For: The Complete Construction of Temporary Construction Facilities

Building No.: 96, 97, 98, 195, 196, 199, 200, and 201

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><b>NOTE:</b> Structures 96, 97, 98, 195, 196, 199, 200, and 201 were considered Temporary Construction Facilities, costs incurred in their construction were treated as Overhead Costs for a distribution as such.</p> <p><b>REINFORCING STEEL SHOP - Bldg. #96 - Dwg. FS-416 2/13/51</b></p> <p>One story, wood frame, shed roof, 3 sides and roof covered with corrugated aluminum sheets, front covered with corrugated aluminum siding and screen, erected on a 5" thick concrete slab, size 10'-0" x 12'-0", 120 square feet. Electrical wiring and fixtures. The size I.D. is 11'-4" wide x 9'-4" long x 7'-9" high, with a cubic content of 819 cubic feet.</p>	1	Each				*	
	<p><b>CONSTRUCTION OFFICE BUILDING - Bldg. #97 - Dwg. FS-418 - 2/13/51</b></p> <p>One story, wood frame, shed roof, sides and roof covered with corrugated aluminum sheets, erected on a 5" thick concrete slab, size 12'-0" x 24'-0", 268 square feet. Electrical wiring and fixtures. The size I.D. is 11'-4" wide x 23'-4" long x 8'-3" high with a cubic content of 2,181 cubic feet.</p>	1	Each				*	
	<p><b>A.E.C. INSTRUMENT WAREHOUSE - Bldg. #98 - Dwg. FS-421 - 2/13/51</b></p> <p>One story, wood frame, gable roof, sides and roof covered with corrugated aluminum sheets, erected on a 5" thick concrete slab, size 20'-0" x 20'-0", 400 square feet. Electrical wiring and fixtures. The size I.D. is 19'-4" wide x 19'-4" long x 9'-6" high with a cubic content of 3,550 cubic feet.</p>	1	Each				*	
	<p><b>TIMBERPENS OFFICE AND FIRE STATION - Bldg. #195 - Dwg. FS-431 - 2/13/51</b></p> <p>One story, wood frame, gable roof, sides covered with plywood with corrugated aluminum louvers, corrugated aluminum roofing, erected on 2" x 6" sleepers covered with 2" x 6" planking, a 5" concrete slab in one corner size 9'-0" x 12'-4", 111 square feet. Total floor area 22'-0" x 30'-0", 660 square feet. Electric wiring and fixtures. The size I.D. is 29'-4" wide x 21'-4" long x 9'-6" high, with a cubic content of 5,943 cubic feet.</p>	1	Each				*	
	<p><b>DAY ROOM - Bldg. #196 - Dwg. FS-167 - 2/13/51</b></p> <p>A quonset hut, size 20' x 50', rehabilitated, equipped and furnished for reading and relaxation. Site location shown on drawing listed.</p>	1	Each				*	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6a &  
640 - 1

CONTRACT NO. AT-(29-11)-507

LOCATION ENGBSI ISLAND - SITE "F"

\*Not for use by A-E

DATE OF THIS REPORT:

24 February 1951

For: The Complete Construction of Temporary Construction Facilities

Building No.: 96, 97, 98, 195, 196, 199, 200, and 201

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<i>Continued from Previous Page</i>							
	<p><u>TOOL STOREHOUSE - Bldg. #199 - Dwg. FS-428 - 2/13/51</u></p> <p>One story, wood frame, shed roof, sides and roof covered with corrugated aluminum sheets, erected on a 5" thick concrete slab, "L" shaped, size 14'-6" x 19'-0", 231 square feet. Electric wiring and fixtures. The size I.D. is 13'-10" wide x 13'-4" long x 7'-9" high with wing size I.D. 4'-4" wide x 4'-8" long x 7'-8" high, with a total cubic content of 1,448 cubic feet. Outside 5" concrete slab 14'-0" x 15'-5", 216 square feet.</p>	1	Each				*	
	<p><u>OFFICE-EXPEDITING, SAW MILL AND FILES - Bldg. #200 - Dwg. FS-452 - 2/24/51</u></p> <p>Saw Mill Office Section -- This is a one story, wood frame, shed roof and sides corrugated aluminum covered, size 12'-0" x 16'-0" erected on a 5" concrete slab, size 21'-6" x 16' total area of slab 344 square feet, building floor area 192 square feet.</p> <p>Expediting and Files Section -- Adjoining saw mill office section, a one story, wood frame, shed roof and sides corrugated aluminum covered, size 10'-0" x 20'-0", erected on a 5" thick concrete slab, total area 200 square feet, both sections complete with electric wiring and fixtures.</p>	1	Each				*	
	<p><u>A.E.C. REPAIR SHOP - Bldg. #201 - Dwg. FS-454 - 2/24/51</u></p> <p>This is a one story, wood frame, shed roof and sides corrugated aluminum covered, size 12'-0" x 32'-0", erected on a 4" thick concrete slab, size 25'-0" x 32'-0", one end and 18'-0" of one side open with enclosed section size 12'-0" x 14'-0".</p>	1	Each				*	

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SHEET NO. 8 of 23

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DATE OF THIS REPORT:

13 February 1951

JOB NO. 640 - 6a

CONTRACT NO. AT-(29-11)-507

LOCATION ~~ENOGBI ISLAND~~ - SITE "F"

For: The Complete Construction of Shop Buildings and Grease Pit

Building No.: 99, 102, 111, and 198

AS-BUILT DRAWING NUMBERS AND DATES:

FS-420 2/13/51 FS-412 2/1/51  
20-904-3 2/5/51 FS-453 2/13/51  
20-903-3 2/5/51  
20-353-3 2/5/51

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CARPENTER SHOP - Bldg. #99</u> One story, wood frame, gable roof, sides and roof covered with corrugated aluminum sheets, erected on a 5" concrete slab, size 16'-0" x 24'-0", 384 square feet. Electric wiring and fixtures. The side I.D. is 15'-4" wide x 23'-4" long x 10'-9" high with a cubic content of 3,845 cubic feet. Installed equipment includes: Table and radial saws, four electric portable saws, and a portable electric drill.	1	Each Direct Indirect	\$5,023.14 1,102.57		\$118.77	\$6,244.48	
	<u>SHOP BUILDING - Bldg. #102</u> Five inch thick reinforced concrete slab 25'-2" x 41'-10 1/2".  NOTE: Foundation poured, but no building erected, no installation made.	1	Each Direct Indirect	\$619.50 598.50		\$63.00	\$1,281.00	
	<u>CONCRETE GREASE PIT - Bldg. #111</u> Reinforced concrete pit; size I.D. 2'-8" x 18'-8" x 4'-0" deep; walls and floor 6" thick; floor sloped to drain in center of pit; four wood steps at one end of pit; reinforced concrete slab, 6" thick on four sides of pit, slab 4'-9" wide at each side, 3'-0" wide at one end and 11'-0" at one end; floor area O.D. 13'-2" x 33'-8", total 444 square feet. Side walls project 4" above surrounding slab; plumbing.	1	Each Direct Indirect	\$259.60 250.80		\$26.40	\$536.80	
	<u>ELECTRICAL SHOP - Bldg. #198</u> One story, wood frame, shed roof, corrugated aluminum roofing, sides covered with corrugated metal siding with screen openings, erected on a 5" concrete slab, size 12'-0" x 12'-0", 144 square feet, electric wiring and fixtures. The side I.D. is 11'-4" wide x 11'-4" long x 8'-9" high with a cubic content of 1,123 cubic feet. Installed equipment includes: Two portable electric drills, grinder, bench vice and voltmeter.	1	Each Direct Indirect	\$1,883.42 507.45		\$54.43	\$2,445.30	

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
23 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

4E-613	3/23/51	FB-490	3/23/51	40-448	3/23/51
40-615-2	3/23/51	40-445-2	3/23/51	4E-614	3/23/51
20-373-2	3/23/51	40-448-2	3/23/51	2B-132	3/23/51
40-365-2	3/23/51	FB-451	3/23/51	40-5438	3/23/51
FB-473	3/23/51	40-447-2	3/23/51	40-5448.1	3/23/51
4E-378	3/23/51	FB-460	3/23/51		

JOB NO. 640 - 68

CONTRACT NO. AT-(29-11)-507

LOCATION ENGEBI ISLAND - SITE "F"

For: The Complete Construction of Power and Water Distillation Plant

Building No.: 100 - Station 100

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>POWER AND WATER DISTILLATION PLANT</u></p> <p>This is a one story reinforced concrete structure with walls 18" thick, roof slab 20", floor slab 8" and concrete masses of various sizes for machinery and equipment foundations. There are four hexagon shaped columns measuring 2'-4" across the flats supporting the roof slab, and one mesanine deck 15'-2" x 17'-8 1/16" with an 8" thick reinforced concrete slab. There is a 2'-0" high parapet 12" thick across the front, and 15" thick wing-walls extending diagonally 20'-0" from each corner of the front face of the building. Interior dimensions of 51'-0" x 42'-0" x 15'-0" high, give an area of 2,142 square feet on the main floor plus 265 square feet on the mesanine, and a total content of 32,130 cubic feet. Three exterior walls and roof are water sealed with 2 layers of 15 pound rag felt, hot mopped, and structure is earth covered to a minimum depth of 2'-0" graded off two sides and rear at the rate of 1' to 3'. Building complete with electrical fixtures and wiring, telephone installation, three diesel engine driven generators with cubicles and panel boards, pumps, and three distillation units; diesel engine piping, distillation piping, and ventilation equipment and ducts. Installed equipment includes: Compressors, tanks, transformers, and etc. Equipment costs for power generation and water distillation are included on sheets for their respective systems.</p>	1	Each	Direct \$72,276.66 Indirect 61,521.78		\$1,030.33	\$134,828.77	

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10 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-125-5	2/5/51	2B-125-7	2/5/51
2B-125-6	2/5/51	2B-125-8	2/5/51
2B-135-6	2/5/51	2B-183-4	2/5/51
2B-135-5	2/5/51	FS-441	2/10/51
20-048-4	2/5/51	FS-437	2/10/51
2B-125-6	2/5/51		

JOB NO. 640 - 6e

CONTRACT NO. AT-(29-1)-507

LOCATION ENOEBI ISLAND - SITE "E"

For: The Complete Construction of Showers and Latrines

Building No.: 101, 107, 108, 121, 122, and 197

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>SHOWERS AND LATRINES - Bldgs. #101, 107, and 108</b>							
	One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 36'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick concrete slab, sloped to seven floor drains; vented window panels; aluminum partitions; plywood on shower walls; with electrical wiring and fixtures; plumbing; floor area 0.D. 954 square feet; cubic content I.D. 8,810 cubic feet; 16 lavatories, 6 water closets, 6 urinals, and 16 mirrors, and 16 mirrors. Outside, 4 concrete slabs, 42" x 50" x 4" thick, total 70 square feet. Installed equipment includes: One water cooler with drinking fountain.	3	Each					
	1 Unit		Direct	\$8,921.86				
			Indirect	5,481.68		\$65.79	\$14,469.33	
	TOTAL - 3 Units		Direct	\$26,765.58				
			Indirect	16,445.03		\$197.38	\$43,407.99	
	<b>SHOWERS AND LATRINES - Bldgs. #121 and 122</b>							
	One story, wood frame, gable roof, sides and roof covered with corrugated sheet steel, erected on a 5" thick concrete slab, size 25'-2" x 37'-10" (952 square feet), complete with electric wiring and fixtures, and plumbing and fixtures. The size I.D. is 24'-0" wide x 36'-10" long x 9'-6" high with a cubic content of 8,398 cubic feet. The equipment includes 16 lavatories, 6 toilets, 6 urinals, and one water cooler with drinking fountain.	2	Each					
	1 Unit		Direct	\$8,903.92				
			Indirect	5,470.65		\$65.33	\$14,439.90	
	TOTAL - 2 Units		Direct	\$17,807.83				
			Indirect	10,941.31		\$130.65	\$28,879.79	
	<b>LATRINE BUILDING - Bldg. #197</b>							
	One story wood frame, shed roof corrugated aluminum covered, sides of plywood and screen, and a screen door, complete with two toilet seats. Inside dimensions 5'-0" wide x 6'-0" long x 7'-8" high with a cubic content of 230 cubic feet and a floor area of 30 square feet.	1	Each					
			Direct	\$282.59				
			Indirect	173.63			\$456.22	

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AS-BUILT DRAWING NUMBERS AND DATES:

20-928-3 2/5/51  
20-931-3 2/5/51  
20-388-3 2/5/51  
20-456-3 2/5/51

JOB NO. 640 - 6a

CONTRACT NO. AT-129-11-507

LOCATION ENOEBI ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT:

5 February 1951

For: The Complete Construction of **Fire and First Aid Building**

Building No.: 104

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>FIRE AND FIRST AID BUILDING</u></p> <p>Five inch thick reinforced concrete slab 21'-10 1/2" x 25'-2".</p> <p>NOTE: Foundation poured but no building erected, no installation made.</p>	1	Each Direct Indirect	\$1,193.56 1,114.63		\$45.17	\$2,353.36	

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DATE OF THIS REPORT:  
5 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

20-911-2 2/5/51  
20-369-3 2/5/51  
20-912-2 2/5/51

JOB NO. 640 - 6a

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "B"

For: The Complete Construction of Administration Building

Building No.: 106

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>ADMINISTRATION BUILDING</u>	Five inch thick concrete slab, 25'-2" x 45'-10 1/2".	1	Each Direct Indirect	\$680.43 652.85		\$72.12	\$1,405.40	
	NOTE: Foundation poured, but no building erected, no installation made.							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

20-906-3 2/5/51  
20-362-3 2/5/51  
20-949-3 2/5/51

JOB NO. 640 - 6a

CONTRACT NO. AT-(29-11)-507

LOCATION ENOCHI ISLAND - SITE "F"

\*Not for use by A-E

DATE OF THIS REPORT:

5 February 1951

For: The Complete Construction of Open Air Motion Picture Theatre

Building No.: 109

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>OPEN AIR MOTION PICTURE THEATRE</u>							
	Seating capacity 403 persons, wood benches with back rests; screen structure, wood frame 16'-0" wide x 17'-0" high, reinforced concrete footings, 9'-0" x 12'-0", screen 59'-6" from Projection Room; Projection Room, one story wood and corrugated aluminum construction, size O.D. 8'-0" x 11'-6" x 8'-0" high, set on a 3" thick asphalt floor, total 92 square feet. Installed equipment includes: Two 15 MM sound projectors.	1	Each Direct Indirect	\$4,257.13 3,282.58		\$102.47	\$7,642.18	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 14 OF 23

\*Not for use by A-E  
DATE OF THIS REPORT:  
**10 February 1951**

AS-BUILT DRAWING NUMBERS AND DATES:

FS-253-1 2/10/51  
FS-253-2 2/10/51  
FS-253-3 2/10/51

JOB NO. **640 - 6a**

CONTRACT NO. AT-129-11-507

LOCATION: **ENGEBI ISLAND - SITE "B"**

For: The Complete Construction of **Dispensary Building**  
Building No.: **112**

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	
	<p><u>DISPENSARY BUILDING</u></p> <p>One story, wood frame, corrugated aluminum covered roof, plywood siding and screened window openings, erected on a 5" thick concrete slab, size 28'-0" x 44'-0", 1,232 square feet, complete with electric wiring and fixtures. Fresh and salt water plumbing and fixtures and hot water piping from the galley. The inside dimensions are 27'-4" wide x 43'-4" long x 7'-0" high with a cubic content of 8,218 cubic feet. Installed equipment and furniture includes: One water cooler with drinking fountain, refrigerator, range, sterilizers, treatment tables, cabinets, racks, beds, and bed stands.</p>	1	Each				
			Direct	\$8,355.03			
			Indirect	5,705.52		\$132.01	\$14,192.56

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

FS-187 2/13/51  
FS-429 2/13/51

JOB NO. 640 - 6e

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by A-E  
DATE OF THIS REPORT:  
13 February 1951

For: The Complete Construction of Warehouses

Building No.: 203 and 204

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>WAREHOUSE - Bldg. #203</u>  One story, wood frame, gable roof, sides and roof covered with corrugated aluminum sheets, erected on a concrete footing wall 6" wide and 12" high, 3" asphalt paving floor, size 50'-0" x 100'-0", 5,000 square feet; 4" pipe columns set in 18" diameter x 24" deep concrete footings. Electric wiring and fixtures. The size I.D. is 49'-4" wide x 99'-4" long x 15'-2" high with a cubic content of 74,332 cubic feet.	1	Each Direct Indirect	\$4,101.19 4,352.27			\$8,453.46	
	<u>WAREHOUSE - Bldg. #204</u>  One story, pipe and steel frame, gable roof, sides and roof covered with corrugated sheet steel, erected on a concrete footing wall, 3" gravel floor, with exception of 5" concrete slab in east corner size 17'-0" x 20'-0", 340 square feet. Total floor area 50'-0" x 100'-0", 5,000 square feet; electric wiring and fixtures. The size I.D. is 49'-0" wide x 99'-0" long x 13'-6" high with a cubic content of 61,850 cubic feet.	1	Each Direct Indirect	\$4,101.19 4,352.27			\$8,453.46	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT: -  
6 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6a,b,c,d CONTRACT NO. AT-(29-1)-507

LOCATION EMGEBI ISLAND - SITE "B"

For: The Complete Construction of Building Location Plan, Site Preparation, and Grading & Paving Roads & Airstrip  
Building No.:

FS-167 2/13/51  
13E-207 4/6/51

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>SITE PREPARATION</u></b>							
	The camp area, approximately 700 ft. x 1,600 ft., has located therein all the permanent, temporary and existing structures required. The balance of site preparation extends to all sections of the island.	185,356	Sq. Yds. Direct Indirect	\$25,033.02 18,361.66		\$524.67	\$43,919.35	
	<b><u>ROADS</u></b>							
	Both paved and unpaved (exclusive of temporary construction roads) amounts to approximately 12,000 lineal feet of 20' roadway. 2,700 feet of this road is paved with 3" asphaltic concrete.							
	Blade & Shape	26,700	Sq. Yds. Direct Indirect	\$19,321.15 14,143.74		\$448.39	\$33,913.28	
	Asphalt Surfacing	6,000	Sq. Yds. Direct Indirect	\$6,633.58 4,745.09			\$11,378.67	
	<b><u>AIRSTRIP</u></b>							
	The airstrip, a 100' wide x 2,880' long, graded, crowned, stabilized, and bitumals sprinkled, runway extends in an easterly direction to the ocean.	6,780	Sq. Yds. Direct Indirect	\$3,864.36 2,834.56		\$81.00	\$6,779.92	
	<b>NOTE:</b> Zero paving, called for on the above drawings, is accounted for on Tower Report.							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6j

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:

5 February 1951

10-507 2/5/51

For: The Complete Construction of Sewer System

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>SEWER SYSTEM</u>							
	Pipe - 8" Corrugated Metal - Outfall - 500 lin. ft.; Pipe - 8" Vitrified Clay - Mains - 1,810 lin. ft.; Pipe - 6" Vitrified Clay - Mains - 180 lin. ft.; Pipe - 6" Vitrified Clay - Branches - 610 lin. ft.; Drop Inlets, 6" Y Service Connections, 4 each; Services, sewer and cleanout, 8 each; Manholes - size - 48", kind - CMP, cover CI - 8 each.	1	System Direct Indirect	\$15,124.01 9,572.69		\$1,133.85	\$25,830.55	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 18 of 23

\*Not for use by A-E  
DATE OF THIS REPORT:  
23 March 1951

## AS-BUILT DRAWING NUMBERS AND DATES:

9E-509 2/5/51 FS-173-3 2/1/51  
 FS-271 3/23/51 90-607-3 2/1/51  
 9E-508 2/5/51 FS-469 2/13/51  
 FS-434 2/24/51

JOB NO. 640 - 61,  
 640 - 48,  
 640 - 1

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "E"

For: The Complete Construction of Fresh & Salt Water Systems, Salt Water Well & Suction Pipe, Water Towers, Acid Tank Bldg., and Temporary Distillation Plant  
 Building No.: 92, 105, 120, and 202

## ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>SALT WATER SYSTEM</u></b>							
	Salt Water Piping System - Outdoor - Pipe, 4" Transite; pressure 150#, underground 2'-6" minimum; 1,410 lin. ft. Pipe, 3" Transite; pressure 150#, underground 2'-6" minimum; 200 lin. ft. Services, water - copper pipe; 6 each: 1 1/4", 42' average length, 3 each, and 1", 202' average length, 3 each.							
	<b><u>SALT WATER WELL AND SUCTION PIPING</u></b> - Adjacent to the power and water distillation plant, a wall 16'-1" deep including cover is provided with piping, foot valve, and fittings which lead to the pumps in the power plant. The wall O.D. 5'-0" x 5'-0" x 16'-1" is of reinforced concrete with seepage slots in the lower section.	1	System Direct Indirect	\$6,153.06 4,358.07		\$254.56	\$10,765.69	
	<b><u>FRESH WATER SYSTEM</u></b>							
	Fresh Water Piping System - Outdoor - Pipe, 4" Transite, pressure 150#, underground 2'-6" minimum, 1,410 lin. ft.; Pipe, 3" Transite, pressure 150#, underground 2'-6" minimum, 380 lin. ft.; Pipe, 4" Steel, 50 lin. ft.; Pipe, 2" Steel, 50 lin. ft.; Services, water - copper pipe, 12 each: 1/2" each - 1 1/4", average 55 feet; 3 each - 1", average 110 feet; 5 each - 3/4", average 52 feet.	1	System Direct Indirect	\$7,223.17 5,116.00		\$298.83	\$12,638.00	
	<b><u>TEMPORARY DISTILLATION PLANT - Bldg. #202</u></b>							
	This is a one story, wood frame, shed roof, corrugated aluminum covered, canvas siding, erected on a 5" thick concrete slab, size 20'-0" x 40'-0", floor area 800 square feet, complete with electric wiring and fixtures, fresh and salt water piping, fresh water pontoons, fresh water tank, 25'-0" diameter x 8'-0" high, pump and fuel oil pontoon on platform. Installed equipment includes: Three distillation units, and one pump.	1	Each				*	
	* Cost included in Distillation Equipment							
	TOTAL - Distillation Equipment Located in Bldgs. #100 & 202		Direct Indirect	\$113,086.62 34,286.44			\$147,373.06	
	Continued on Next Page							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 61,  
640 - 40,  
640 - 1

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:

23 March 1951

For: The Complete Construction of Fresh & Salt Water Systems, Salt Water Well & Section Pipe, Water Towers, Acid Tank Bldg., and Temporary Distillation Plant  
Building No.: 92, 105, 120, and 202

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
Continued from Previous Page								
	<u>ACID TANK BUILDING - Bldg. #92</u>							
	One story wood and corrugated iron construction; rectangular shape; size O.D. 8'-0" x 12'-0" x 9'-0" high; set on a 5" thick concrete slab; piping; floor area O.D. 96 square feet; cubic content 706 cubic feet; 240 gallon capacity redwood tank.	1	Each Direct Indirect	\$751.75 475.45			\$1,227.20	
	<u>20' ELEVATED WATER TOWER - Bldg. #105</u>							
	Wood construction; set on six reinforced concrete piers and footings; six 10" x 10" columns with 10" x 18" beams; double 2" x 6" diagonal bracing; 4" x 12" joists with 2" x 8" planking deck; deck 15'-2" x 27'-9 1/2" - 29'-6 5/8" above grade; wood ladder 18" wide with hand rails extending 3'-6" above deck; structure bolted and nailed. Two tanks, bolted, 4,200 gallon capacity, with required fresh and salt water piping.	1	Each Direct Indirect	\$10,225.06 8,329.72		\$384.36	\$18,939.14	
	<u>20' WATER TOWER - Bldg. #120</u>							
	Wood construction, set on four reinforced concrete piers and footings; four 6" x 6" columns with 6" x 14" beams; double 2" x 6" diagonal bracing; double 2" x 8" joists with 2" x 8" planking deck; deck 12'-0" x 16'-0", 28'-0 5/8" above grade. Wood ladder 18" wide with handrails extending 3'-6" above deck. Structure bolted and nailed. Tanks - two welded steel pontoons, 5'-0" x 7'-0" x 5'-0". Required piping.	1	Each Direct Indirect	\$1,453.67 1,860.73		\$47.13	\$3,361.53	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

ENGEBI ISLAND - SITE "E", MUSIN & "Not for use by A-E  
LOCATION KIRIBIAN ISLANDS - SITES S & T DATE OF THIS REPORT:  
17 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

FS-503-1	4/17/51	FS-503-7	4/17/51
FS-503-2	4/17/51	FS-503-8	4/17/51
FS-503-3	4/17/51	FS-503-9	4/17/51
FS-503-4	4/17/51	FS-503-10	4/17/51
FS-503-5	4/17/51	FS-503-11	4/17/51
FS-503-6	4/17/51		

JOB NO. 640 - 6k,1,m,o CONTRACT NO. AT-129-11-507

For: The Complete Construction of Electrical Power Systems, Control & Signal,  
Public Address, and Radio Back-Up Systems  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units																																																	
	13 April 1951 - 7E-089, 7E-090, 7E-091, 7E-092, 7E-093, 7E-094, 7E-095, 7E-096, 7E-097, 7E-098, 7E-099, 8E-5340, 8E-5341, 8E-5342, 8E-5343, 8E-5344, 8E-5345, 8E-5346, 8E-5347, 8E-5348.																																																								
	<b>ELECTRICAL POWER SYSTEMS</b>																																																								
	<b>OVERHEAD DISTRIBUTION - CAMP AREA - Dwg. #6E-349 - 4/6/51 - The system includes approximately 2,800 lineal feet of primary lines, 3,700 lineal feet of secondary lines, and 750 lineal feet of control lines, 49 poles, 13 transformers, street lights, and service drops.</b>	1	System																																																						
	<b>UNDERGROUND DISTRIBUTION - Electrical power, telephone, control and signal distribution (underground) include survey for and installation of primary and secondary power lines, telephone, control and signal, public address system, trenching and backfill, special runs of conduit, power post stations and service connections, and transformers. The magnitude of this feature is indicated by the following approximate figures.</b>																																																								
	<table border="1"> <thead> <tr> <th></th> <th colspan="3">Trenching</th> <th colspan="3">Lay Cable</th> </tr> <tr> <th></th> <th>"3"</th> <th>"5"</th> <th>"7"</th> <th>"3"</th> <th>"5"</th> <th>"7"</th> </tr> </thead> <tbody> <tr> <td>Secondary</td> <td>7,705 LF</td> <td>2,130 LF</td> <td></td> <td>8,450 LF</td> <td>2,130 LF</td> <td></td> </tr> <tr> <td>Control &amp; Signal</td> <td>20,410 LF</td> <td>4,000 LF</td> <td>250 LF</td> <td>650,000 LF</td> <td>33,850 LF</td> <td>250 LF</td> </tr> <tr> <td>Public Address</td> <td>1,615 LF</td> <td>3,750 LF</td> <td>1,600 LF</td> <td>230,000 LF</td> <td>6,150 LF</td> <td>7,440 LF</td> </tr> <tr> <td>Primary</td> <td>16,500 LF</td> <td>1,800 LF</td> <td></td> <td>16,500 LF</td> <td>1,800 LF</td> <td></td> </tr> <tr> <td><b>TOTAL</b></td> <td><b>46,230 LF</b></td> <td><b>11,680 LF</b></td> <td><b>1,850 LF</b></td> <td><b>904,950 LF</b></td> <td><b>43,930 LF</b></td> <td><b>7,690 LF</b></td> </tr> </tbody> </table>		Trenching			Lay Cable				"3"	"5"	"7"	"3"	"5"	"7"	Secondary	7,705 LF	2,130 LF		8,450 LF	2,130 LF		Control & Signal	20,410 LF	4,000 LF	250 LF	650,000 LF	33,850 LF	250 LF	Public Address	1,615 LF	3,750 LF	1,600 LF	230,000 LF	6,150 LF	7,440 LF	Primary	16,500 LF	1,800 LF		16,500 LF	1,800 LF		<b>TOTAL</b>	<b>46,230 LF</b>	<b>11,680 LF</b>	<b>1,850 LF</b>	<b>904,950 LF</b>	<b>43,930 LF</b>	<b>7,690 LF</b>							
	Trenching			Lay Cable																																																					
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	Transformers 5k Ea 5 Ea	1	System																																																						
	Distribution Lines			Direct \$96,803.22																																																					
				Indirect 53,203.08		\$3,488.11	\$153,494.41																																																		
	Generation Equipment Located in Bldg. #100			Direct \$99,151.70																																																					
				Indirect 22,358.55			\$121,510.25																																																		
	<b>TOTAL - Electrical Facilities</b>			Direct \$195,954.92																																																					
				Indirect 75,561.63		\$3,488.11	\$275,004.66																																																		
	Control & Signal System			Direct \$44,194.10																																																					
				Indirect 13,426.91		\$2,127.50	\$59,748.51																																																		
	Radio Back-Up & Public Address			Direct \$576.12																																																					
				Indirect 738.56		\$171.64	\$1,486.32																																																		

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6 1

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:

6 April 1951

7E-358 4/6/51

For: The Complete Construction of Telephone Overhead Distribution

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TELEPHONE OVERHEAD DISTRIBUTION</u>							
	Consists mainly of 3,700 lineal feet (approximately) of overhead lines, 200 feet of underground line, 25 poles and service drops; the switchboard is located in Scientific Station No. 69, where connections are made to various islands by submarine cable.	1	Each Direct Indirect	\$13,242.21 4,820.68		\$388.20	\$18,451.09	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION ~~SECRET~~ ENOBI ISLAND - SITE "E"

\*Not for use by A-E  
DATE OF THIS REPORT:  
7 June 1951

174-238 6/7/51

For: The Complete Construction of Jetty and Channel

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>JETTY</u> The jetty near the south tip of the island extends 350 feet out into the ocean, size approximately 1,500 square yards. Required an estimated 5,000 cubic yards of coral rock fill. At the off shore end of the jetty sufficient area is provided for the construction of Stations 721, H.B.S. User Stations #5 & U, and P & Q.	1	Jetty Direct Indirect	\$163,744.87 133,001.27		\$179.44	\$296,925.58	
	<u>CHANNEL</u> A marine channel adjacent to the jetty and extending approximately 2,000 feet to shore of Muisin Island with ramps at each shore provides a direct and safe route for water craft between the two islands.	1	Channel Direct Indirect	\$30,039.26 18,203.12		\$54.39	\$48,296.77	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 6 1

CONTRACT NO. AT-129-11-507

LOCATION ENOEBI ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT:

6 April 1951

7E-358 4/6/51

For: The Complete Construction of Telephone Overhead Distribution

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TELEPHONE OVERHEAD DISTRIBUTION</u>							
	Consists mainly of 3,700 lineal feet (approximately) of overhead lines, 200 feet of underground line, 25 poles and service drops; the switchboard is located in Scientific Station No. 69, where connections are made to various islands by submarine cable.	1	Each Direct Indirect	\$13,242.21 4,820.68		\$388.20	\$18,451.09	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

A-1	4/2/51	M-4	4/2/51	S-100	4/2/51
E-1A	4/2/51	M-5	4/2/51	30-608	4/2/51
E-3	4/2/51	S-1	4/2/51	30-623	4/2/51
M-1	4/2/51	S-2	4/2/51	3B-6612.1	4/2/51
M-2	4/2/51	S-3	4/2/51	3B-6613	4/2/51
M-3	4/2/51	S-4	4/2/51		

JOB NO. 640 - 4b

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "E"

For: The Complete Construction of 300' Steel Tower

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>300' STEEL TOWER</b>							
	A steel tower, 27' heel to heel at foundation, 40' section at 12'-6" elevation, tapering to 20'-0" leg spacing, triangular section, with ladders and crossover platforms every 25', rising to 301'-6" elevation, erected on reinforced concrete foundation and base slab with piers and footings spaced 27'-0" under the three legs and connected with tie beams, lift pit included and 3" asphalt concrete paving to a 400' radius, at the 301'-6" level a steel framework size 16'-0" x 22'-0" provides anchorage for the steel frame tower house, size 16'-4" x 18'-0" x 13'-0" high, corrugated aluminum covered roof and side, plastic glazing, grating floor with 7' x 7' opening, hatches in roof for hoist block and access, roof is provided with a catwalk, the tower structure continues to a height of 322'-4" where the main hoist beam is supported by "A" frame construction, on top of the structure are lightning rods with grounding cable, and aircraft warning lights; at the 250' level three permanent guys (1 1/2" diameter) are attached and extend 353' to concrete anchorage below, (31 cu. yds. concrete each); two messenger cables 636' each are provided and anchored in concrete blocks, 3' x 4' x 6', for supporting the coaxial cable and a hand winch and cable (650') for their installation, the elevator and main hoist machines (2) are mounted on concreted foundations and a motor generator is housed in a wood frame, corrugated aluminum covered sides and roof, size 12'-0" x 12'-0" x 9'-3" mean height, on a concrete slab, with adjacent transformer bank on a concrete slab, size 3' x 7', the surrounding area 17' x 13' is enclosed by a wire fence, the tower house, structure and area is complete with electric wiring and fixtures, elevator cab, main hoist, and telephone installation.	1	Each					
	Tower Structure			Direct Indirect	\$172,407.83 104,964.00	\$1,390.14	\$278,761.97	
	Asphalt Paving Circle			Direct Indirect	83,102.18 35,799.46	\$1,704.90	\$120,606.54	

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Engebi Island - Site "E-plus"

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

Sheet No.      of     

COMPLETION REPORT FOR

\* Not for use by A-E

CONTRACT NO. AF-(29-1)-507

For: ENGEBI ISLAND - SITE "E"

~~SECRET~~

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 1 OF 21

AS-BUILT DRAWING NUMBER AND DATE:  
32-5689 - 5/16/51

JOB NO. 729 - 24

CONTRACT NO. AT-(29-11)-507

LOCATION ENGEBI ISLAND - SITE 24

\*Not for use by A-E  
DATE OF THIS REPORT:  
16 May 1951

For: The Complete Construction of **Wood Structure**  
Building No.: Station 24

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Provision of Charges to Units
	<u>WOOD STRUCTURE, STATION 24, SITE 24</u>							
	This is a one-story wood structure, size O.D. 9'-6 1/4" x 10'-6 1/4" x 8'-3 1/8" high, erected on an 8" thick reinforced concrete foundation slab which is 3'-10" below grade; floor area O.D. 100 square feet. Sides and top covered with 95# mineral cap sheet. Earth fill over three sides and top. Complete with electric wiring and fixtures.	1	each  Direct Indirect	\$2,045.58 2,079.74		\$9.03	\$4,134.35	

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COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2B-056 - 5/15/51

JOB NO. 729 - 24

CONTRACT NO. AT-(29-11)-507

LOCATION MOGEBI ISLAND - SITE 24

\*Not for use by A-E  
DATE OF THIS REPORT:  
15 May 1951

For: The Complete Construction of Power and Telephone Post Stations

Building No.: Stations 3, 4, 5

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>AT STATIONS 4, 19, 8, &amp; 11, 12, 14</u>							
	Plywood box with hinged door size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post, complete with electric wiring, fused switch and power outlets.	5	each					
	<u>AT STATIONS 7, 5, 9, 10, 15</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post, complete with electric wiring, fused switch and power outlets.	5	each					
	Plywood box with hinged door, size O.D. 17" x 7 1/4" x 33 1/2" high, mounted on 4" x 4" x 8'-0" post, complete with field telephone.	5	each					
	POWER POSTS WITH OUTLETS, STATION 3, 4, 5		Direct	\$ 191.77				
			Indirect	229.40				
						\$ .86	\$ 422.03	

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AS-BUILT DRAWING NUMBERS AND DATES:  
6B-086-3 - 5/16/51

JOB NO. 729 - 2/

CONTRACT NO. AT-(29-1)-507

LOCATION ENGESI ISLAND - SITE 2/

\*Not for use by A-E  
DATE OF THIS REPORT:  
31 July 1951

For: The Complete Construction of Timing Stations  
Building No.: Stations 6a, 6b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TIMING STATIONS, STATIONS 6a, 6b, SITE 2/</u>							
	Existing structures rehabilitated, wiring and power supply modified. A more detailed description of these stations may be obtained by referring to Site "E" Completion Report. Six transformers are used in connection with these stations.	2	each					
	Station 6a	1	each					
			Direct	\$5,517.76				
			Indirect	383.32		\$29.33	\$5,930.41	
	Station 6b	1	each					
			Direct	5,277.71				
			Indirect	204.76		28.17	5,510.64	

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COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
18 May 1951

AS-BUILT DRAWING NUMBERS AND DATES:

3E-5691 - 5/16/51  
3E-5692 - 5/18/51

JOB NO. 729 - 8/

CONTRACT NO. AT-(129-1)-507

LOCATION ENGEBI ISLAND - SITE 8/

For: The Complete Construction of Tenex Collimator

Building No.: Stations 8/ 9/

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units	
	<b>TENEX COLLIMATOR, STATIONS 8/ 9/, STATION 8/</b>								
	Reinforced concrete base below grade, structural steel above grade, anchored to base and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks furnished by others. The variations in the stations listed are indicated by the following:								
	Sta. No. 8/ Footings Type II 26'-0" x 10'-0" x 4'-0" = 42 cubic yards								
	Sta. No. 9/ Footings Type XIVII 22'-0" x 10'-0" x 4'-0" = 34 cubic yards								
	Station 8	1	each						
			Direct	\$6,387.86					
			Indirect	3,277.74		\$29.80	\$9,695.40		
	Station 9	1	each						
			Direct	\$4,393.28					
			Indirect	3,010.15		20.45	7,423.88		

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SANTA FE OPERATIONS OFFICE



COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:

A3-BUILDING DRAWING NUMBER AND DATES:

JOB NO. 729 - E f

CONTRACT NO. AT-(129-11)-507

LOCATION ENGEBI ISLAND - SITE E f

3E-5693 - 5/16/51  
3E-5694.1 - 5/16/51

For: The Complete Construction of Limonite Collimator Base

16 May 1951

Building No.: Stations No. 10 f, 11 f, 12 f, 14 f, 15 f, and 19 f

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Unit
	<u>LIMONITE COLLIMATOR BASE, STATIONS 10 f, 11 f, 12 f, 14 f, 15 f, and 19 f, SITE E f</u>							
	Reinforced concrete base below grade. Structural steel above grade, anchored to base and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks are furnished by others. The variations in the stations listed are indicated by the following:							
	Station No. 10 f Footings Type II 28'-0" x 12'-0" x 5'-0" - 65 cubic yards							
	Station No. 11 f Footings Type II 26'-0" x 10'-0" x 4'-0" - 42 cubic yards							
	Station No. 12 f Footings Type XXV 28'-0" x 12'-0" x 5'-0" - 64 cubic yards							
	Station No. 14 f Footings Type XXVI 26'-0" x 12'-0" x 4'-0" - 48 cubic yards							
	Station No. 15 f Footings Type XXVII 22'-0" x 10'-0" x 4'-0" - 34 cubic yards							
	Station No. 19 f Footings Type XXVIII 18'-0" x 9'-0" x 4'-0" - 25 cubic yards							
	Station 10 f	6	Each					
		1	Each					
			Direct	\$6,278.79				
			Indirect	3,081.92		\$ 29.93	\$ 9,390.64	
	Station 11 f	1	Each					
			Direct	5,946.55				
			Indirect	2,789.57		28.48	8,764.60	
	Station 12 f	1	Each					
			Direct	6,457.45				
			Indirect	3,114.35		31.37	9,603.17	
	Station 14 f	1	Each					
			Direct	5,206.82				
			Indirect	3,039.63		24.75	8,271.20	
	Station 15 f	1	Each					
			Direct	3,463.86				
			Indirect	2,050.66		16.27	5,530.79	
	Station 19 f	1	Each					
			Direct	3,354.92				
			Indirect	2,116.92		15.81	5,487.24	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBER AND DATE:

PS-468 - 5 /15/51

JOB NO. 729 - 4

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE E

Not for use by AEC

DATE OF THIS REPORT:

15 May 1951

For: The Complete Construction of Winch Base

Building No.: Station 17

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Percentage of Charges to Units
	<u>WINCH BASE, STATION 17, SITE E</u>							
	This is a reinforced concrete winch foundation, size 9'-6" x 10'-3" x 5'-0", 98 cubic yards of concrete, projecting 6" above grade, complete with anchor bolts.	1	each					
			Direct Indirect	\$1,447.23 1,113.36		\$ 6.43	\$2,567.02	

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SANTA FE OPERATIONS OFFICE

~~S.F. OPERATIONS~~

COMPLETION REPORT FOR

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PROPERTY ACCOUNT NUMBER AND DATE

JOB NO. 729 - E/

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE E/

DATE OF THIS REPORT:

30-c28.6

For: The complete construction of Salt Water Pump House

31 July 1951

Building No.: Station 18/

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			Total	*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost		
	<u>SALT WATER PUMP HOUSE, STATION 18/, SITE E/</u>							
	Existing structure rehabilitated. A more detailed description of this Station may be obtained by referring to Site "E" Completion Report.	1	each					
			Direct	\$ 531.52		\$ 2.17	\$1,127.61	
			Indirect	593.92				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE



COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - E

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE E

- 3E-5645-1 - 5/15/51
- 3E-083-1 - 5/15/51
- 3E-5439-1 - 5/15/51

For: The Complete Construction of N.R.L.K. Recording Station

31 July 1951

Building No.: Stations No. 132a and 132b

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>N.R.L.K. RECORDING STATION NO. 132a, SITE E</u>  Existing structure rehabilitated and dehumidification equipment installed. A more detailed description of this Station may be obtained by referring to Site "E" Completion Report. Installed equipment includes one dehumidification unit.	1	Each	Direct \$1,858.50 Indirect 1,710.68		\$ 8.49	\$ 3,577.67	
	<u>N.R.L.K. RECORDING STATION NO. 132b, SITE E</u>  Existing structure rehabilitated and dehumidification equipment installed. A more detailed description of this Station may be obtained by referring to Site "E" Completion Report. Installed equipment includes one dehumidification unit.	1	Each	Direct 9,933.67 Indirect 2,291.24		49.51	12,274.42	

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COMPLETION REPORT FOR

PROJECT (DRAWING NUMBER) AND DATE:

PROJECT NO. 729 - E

INITIAL NO. 14127-000

ATOMIC ENERGY ISLAND - SITE E

Not for use by A-E

DATE OF THIS REPORT:

18 May 1951

3E-5169 - 5/18/51  
3E-5333 - 5/18/51

Title: The complete construction of Pumphouse and Power Supply

Building No.: Stations No. 141a and 141b

ESTIMATE

Project Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract	Est'd. value Gov. furnished Material	Engineering cost	Total	Allocation of Charges to Units
	<u>PUMPHOUSE AND POWER SUPPLY, STATIONS NO. 141a and 141b, SITE E</u>							
	A one-story, wood frame with shed roof building, erected on a 5" reinforced floor slab with foundation footings and ramp to Station No. 141; size O.D. 36'-0-1/2" x 14'-7-1/4" x 9'-0" mean height. A plywood partition divides building into Station 141a and 141b. One layer of felt covered with aluminum sheets on roof of Station No. 141a only. Sides of corrugated aluminum on Station No. 141a only. Station No. 141b framed only. Electric wiring in Station No. 141a only. Dehumidification unit adjacent to Station No. 141b.							
	Station 141a	1	Each					
			Direct	\$ 6,320.93				
			Indirect	3,642.92		\$ 29.46	\$ 9,993.31	
	Station 141b	1	Each					
			Direct	7,524.56				
			Indirect	1,490.21		39.22	9,053.99	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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ATTENTION: DRAWING NUMBERS AND DATES:

JOB NO. 729 - ~~E~~

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE ~~E~~

\*Not for use by A-E  
DATE OF THIS REPORT:

For: The Complete Construction of ~~Genex~~ Station

Building No.: Stations No. ~~142a~~ and ~~142b~~

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value gov. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>GENEX STATION NO. 142a, SITE <del>E</del></u>	1	Each	\$ 158.48 194.06		\$ .71	\$ 353.25	
	<u>GENEX STATION NO. 142b, SITE <del>E</del></u>	1	Each	214.35 262.47		.96	477.78	

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

A-10001 (DRAWING NUMBER) AND DATE(S):

JOB NO. 729 - B

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE B

\*Not for use by A-1

DATE OF THIS REPORT:

2 April 1951

3E-5670 - 4/2/51  
3E-081 - 4/2/51


For: The complete construction of T.L. Pit

Building No.: Station 143

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Provision or Charges to Units
<u>T.L. PIT, STATION 143, SITE B</u>	A reinforced concrete connection pit, size I.D. 10'-0" x 16'-0" x 5'-3" deep. 8" floor slab and walls, with ramp to Sta. 141A and a trench to base of tower. Pump sump. A 12" thick reinforced concrete retaining wall 5'-3" high x 25'-9 1/4" long, with reinforced concrete foundation is attached to pit. A 4" concrete sidewalk 3'-0" wide x 31'-0" long, between retaining wall and stations 141A & B. Complete with electric wiring and fixtures. No sump pump or piping installed.	1	each	Direct \$3,059.24 Indirect 1,892.80		\$13.79	\$4,965.83	

CAUTION



ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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ALL-DRAWING NUMBERS AND DATES:

- 30-5325 - 5/18/51
- 3E-5684.1 - 5/19/51
- 3V-5687.2 - 5/18/51
- 3E-5697 - 5/19/51
- 3E-5448 - 5/16/51

JOB NO. 729 - B/

CONTRACT NO. AT-(29-1) 507

LOCATION ENGBI ISLAND - SITE B/

\*Not for use by A-F  
DATE OF THIS REPORT:  
19 May 1951

For: The Complete Construction of Ganex Limonite Blockhouse

Building No.: Station 144A/

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	
	<u>GANEX LIMONITE BLOCKHOUSE, STATION 144A/, SITE B/</u>						
	A reinforced limonite concrete structure, size O.D. 14'-0" x 14'-6" x 14'-0" high, provides one room in the center, size I.D. 4'-0" x 6'-0" x 7'-0" to ceiling, with one wall open and barricade, later to be closed with 772 limonite cubes, size 7 7/8" x 7 7/8" x 7 7/8", opposite wall contains a steel tube alignment rack, 8 tubes to be used, electric wiring and fixtures and underground piping from station 144B for dehumidification.	1	each				
			Direct	\$12,165.79			
			Indirect	7,054.31		\$57.82	\$19,277.92

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SANTA FE OPERATIONS OFFICE  
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AS-BUILT DRAWING NUMBER AND DATE:

- 30-5163-1 - 5/17/51
- 30-5325 - 5/18/51
- 30-5448 - 5/16/51

JOB NO. 729 - B

CONTRACT NO. AT-(29-1)-507

LOCATION ENORBI ISLAND - SITE B

Not for use by AEC  
DATE OF THIS REPORT:

18 May 1951

For: The Complete Construction of Wood Hut - Genex Aux.

Building No.: Station 144B

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Initial Value of Equipment and Material	Installation Cost	Total	Allocation of Charges to Units
	<u>WOOD HUT-GENEX AUX., STATION 144B, SITE B</u>							
	A one-story wood frame building, shed roof of mineral felt and aluminum sheets, siding of corrugated aluminum, erected on a 5" reinforced concrete floor slab, size O.D. 17'-0" x 10'-7 3/4" x 8'-8 1/4" high; two rooms, complete with electric wiring and fixtures and dehumidification equipment. The installed equipment includes one dehumidification unit.	1	each					
			Direct	\$5,331.13				
			Indirect	2,621.66				
						\$26.39	\$7,979.18	

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SANTA FE OPERATIONS OFFICE

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SHEET NO. 14 OF 21

COMPLETION REPORT FOR

\*Not for use by A-1  
DATE OF THIS REPORT:

Form No. 729 - 24

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE #4

For: The Complete Construction of Ganex Collimator Towers #1 and #2

16 May 1951

Building No.: Stations No. 1454 and 1464

3E-5695.1 - 5/16/51  
3E-5696 - 5/16/51

ESTIMATE

DESCRIPTION OF PROPERTY UNITS

GANEX COLLIMATOR TOWER #1, STATION NO. 1454, SITE #4

A steel tower, 10'-0" x 10'-0" x 29'-8-5/8" high, with timber deck, ladder, chain hoist and trolley, erected on a reinforced concrete foundation and footings 4'-0" minimum below grade.

1 Each

Direct  
Indirect

\$5,593.10  
2,742.39

Construction  
Contract  
Ft'l's. Value  
and Furnished  
Material

Engineering  
Cost

Total

\*Proration of  
Charges to Unit:

\$27.46

\$8,362.95

GANEX COLLIMATOR TOWER #2, STATION NO. 1464, SITE #4

A steel tower, 10'-0" x 10'-0" x 19'-9-3/16" high, with timber deck, ladder, chain hoist and trolley, erected on a reinforced concrete foundation and footings 4'-0" minimum below grade.

1 Each

Direct  
Indirect

4,568.85  
2,317.08

22.27

6,908.20

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - E4

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE E4

For: The Complete Construction of Scientific Stations not covered by detailed As-built drawings.

27 July 1951

Building No.: Stations No. 604, 164, 13204, 13204, 1604 thru 1664, and 815

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Unit
	<u>TEMT. STATION 604</u>  An eight man tent with wood frame, set on a 4" concrete slab; size 15'-10" x 31'-10", slab area 504 square feet; complete with electric wiring and fixtures.	1	Each					
			Direct	\$ 9.46				
			Indirect	11.59		\$ .04	\$ 21.09	
	<u>CABLES AND PLATFORMS, STATION 164</u>  Cables and platforms for use in conjunction with Station 174.	1	Each					
			Direct	441.93				
			Indirect	541.14		1.98	985.05	
	<u>RECORDING STATION 13204</u>  Existing structure rehabilitated and equipment replaced. A more detailed description of this Station may be obtained by referring to Site "E" Completion Report.	1	Each					
	<u>RECORDING STATION 13204</u>  Existing structure rehabilitated and equipment replaced. A more detailed description of this Station may be obtained by referring to Site "E" Completion Report.	1	Each					
			Direct	100.24				
			Indirect	122.75		.45	223.44	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

SHEET NO. 16 OF 21

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 24

CONTRACT NO. AT-(29-11)-507

LOCATION ENGEBI ISLAND - SITE 24

\*Not for use by A-E  
DATE OF THIS REPORT:

27 July 1951

For: The Complete Construction of Scientific Stations not covered by detailed As-built drawings.

Building No.: Stations No. 604, 164, 13204, 13204, 1604 thru 1664, and 815

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>REFLECTOR POLES, STATIONS 1604 THRU 1664</u>							
	30' wood reflector poles installed as requested by User.	7	Each					
				\$ 627.00				
				Indirect	257.80			
						\$ 3.18	\$ 888.06	
	<u>RADAR BEACON, STATION 8154</u>							
	110 Volt AC power installed for this station. Equipment installed by User.	1	Each					

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBER AND DATE:

FORM NO. 640 - 2

CONTRACT NO. AT-129-11-507

LOCATION ENGEBI ISLAND - SITE 14

Not for use by A-E  
DATE OF THIS REPORT:

The complete construction of Areas, Buildings, and Facilities not covered by detailed As-built drawings.

24 July 1951

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract	Build. Value w/ Furnished Material	Engineering Cost	Total	Variation of Charges to Unit
	<b><u>BLADE, SHAPE, AND FILL</u></b>							
	Includes work necessary to blade, shape, and fill areas, including coral covering of scrap material, and airstrip extension.	80,000	Cu. Yds.					
			Direct	\$ 30,156.52				
			Indirect	17,339.14		\$ 68.42	\$ 47,564.08	
	<b><u>RAIN MAKER</u></b>							
	Consists of 5,000 lineal feet of 4" diameter and 2,000 lineal feet of 6" diameter lever-connected aluminum pipe; system complete with 150 sprinkler heads and special fittings, one 400 GPM gas driven, trailer mounted pump with suction hose and strainer.	1	System					
			Direct	17,535.33				
			Indirect	4,797.96		80.73	22,414.02	
	<b><u>MESS HALL AND LATRINE BUILDINGS</u></b>							
	Reconstructed from new and salvaged materials. One story aluminum latrine building, size 20'-0" x 24'-0", area 480 square feet. One story aluminum mess hall building, size 24'-0" x 120'-0", area 2,880 square feet.	1	Each					
			Direct	4,093.51				
			Indirect	4,644.08		18.46	8,756.05	
	<b><u>TENTS</u></b>							
	Re-erected on existing concrete slabs for offices, shops, and storage facilities. Includes approximately 10,320 square feet.	40	Each					
			Direct	6,346.61				
			Indirect	5,174.70		26.63	11,547.94	

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 18 OF 21

Date for use by:   
 DATE OF THIS REPORT:

640 - R/

LOCATION: HOGEBI ISLAND - SITE R/

R/ Areas, Buildings, and Facilities  
not covered by detailed As-built drawings.

24 July 1951

FINAL

WATER FACILITIES

Consisting of a 100 barrel steel invasion type tank, two 10,000 gallon horizontal pneumatic compressor type tanks, two 120 CFM compressors rehabilitated or installed with necessary valves, regulators, and piping salvaged from previous installation

1 System

Direct \$ 23,934.48  
Indirect 1,414.92

\$127.21

\$ 25,476.61

\*Proration of  
Charges to Units

ELECTRICAL FACILITIES

Rehabilitation of existing electrical services, erection of poles and transmission lines, and the re-installation of lighting, telemetering, and motor-generator sets.

1 System

Direct 9,626.49  
Indirect 6,133.31

47.21

15,807.01

TELEPHONE FACILITIES

Rehabilitated and service re-established, including cable.

1 System

Direct 5,784.02  
Indirect 4,001.89

27.75

9,813.66

RADIO AND PUBLIC ADDRESS SYSTEM

Rehabilitated and reconnected for service.

1 System

Direct 2,400.71  
Indirect 2,917.71

10.76

5,329.18

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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SHEET NO. 19 OF 21

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - E

CONTRACT NO. AT-(29-1)-507

LOCATION EMIGRI ISLAND - SITE E

\*Not for use by A-E  
DATE OF THIS REPORT:

For: The Complete Construction of E Area, Buildings, and Facilities  
not covered by detailed As-built drawings.  
Building No.:

24 July 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>FURNITURE AND EQUIPMENT</u>							
	Placed in buildings and tents.	1	Lot					
			Direct Indirect	\$ 3,695.87 4,219.97		-0-	\$ 7,915.84	
	NOTE: A more detailed description of the facilities listed above may be obtained by referring to Site "E" Completion Reports.							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by AEC

DATE OF THIS REPORT:

24 May 1951

AS-BUILT DRAWING NUMBER AND DATE:

30-682-1	5/24/51	30-5332	5/20/51	30-5445	5/21/51	3E-6604	5/18/51
30-683	5/24/51	30-5334	5/18/51	30-5625-1	5/23/51	3E-6605	5/18/51
30-687.3	5/22/51	30-5335.1	5/18/51	30-5626-1	5/23/51	3E-6606	5/22/51
30-5138-1	5/23/51	30-5422	5/22/51	30-5627-1	5/23/51	3E-6607	5/17/51
30-5139-1	5/22/51	30-5423	5/22/51	3E-6602	5/20/51	SK-189	5/18/51
30-5331	5/19/51	30-5430.2	5/21/51	3E-6603	5/18/51	FS-396	5/18/51

CONTRACT NO. AI-129-11-207

LOCATION ENGEBI ISLAND - SITE "E"

For: The Complete Construction of 200 Foot Tower

Building No.:

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>200 FOOT TOWER, SITE "E"</u></p> <p>A steel tower, 4 legs, horizontally and vertically cross braced, size O.D. 20'-0" x 20'-0" x 200'-0" high, erected on reinforced concrete footings and piling, eight guy wires from 175' level to 8 reinforced concrete guy anchors, messenger cable and anchor. Tower topped with steel checkered plate deck size O.D. 20'-8 1/2" x 29'-4", upon which is mounted a steel framed cab, canvas covered, O.D. size 20'-8 1/2" x 29'-4" x 22'-0" high. A hoist beam extends above cab. A skip hoist is installed on outside of tower, the main hoist is installed inside of tower. Hoisting machinery is installed on concrete foundations near base of tower. A steel ladder with guard and crossover platforms at intermediate levels is attached to tower.</p> <p>The generator house is a one story, shed roof, wood and corrugated aluminum building, size I.D. 12'-0" x 12'-0" x 9'-3" high, erected on a 4" concrete slab with a motor generator and base installed, floor area 144 square feet.</p> <p>A transformer station consists of a concrete slab 6" thick x 3'-0" wide x 19'-9" long with a wood distribution rack all enclosed by a wood fence 13'-4 7/8" wide x 28'-1" long x 5'-6" high. Tower area enclosed by 7' high barbed wire fence on wood posts, area size 150'-0" x 200'-0", with a double gate 12' wide. Complete with electric wiring and fixtures, including signal lights, area lights, obstruction lights, grounding, lightning rods, telephone and signal cables. Installed equipment includes: One winch.</p>	1	Each	<p>Direct \$176,926.54</p> <p>Indirect 116,613.52</p>		\$845.79	\$294,385.85	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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SHEET NO. 19 OF 21

\*Not for use by A-E  
DATE OF THIS REPORT:

PROJECT DRAWING NUMBER: AS-148-10

JOB NO. 640 - E4

CONTRACT NO. AI-129-17-107

LOCATION ENGEBI ISLAND - SITE E4

For: The complete construction of E4 Areas, Buildings, and Facilities  
Building No.: not covered by detailed As-built drawings.

24 July 1951

ESTIMATE

PROPERTY Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			Total	*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost		
	<u>FURNITURE AND EQUIPMENT</u> Placed in buildings and tents.	1	Lot Direct Indirect	\$ 3,695.87 4,219.97		-0-	\$ 7,915.84	
	NOTE: A more detailed description of the facilities listed above may be obtained by referring to Site "E" Completion Reports.							

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 11 OF 11

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DATE OF THIS REPORT:

5 June 1951

AS-BUILT DRAWING NUMBERS AND DATES:

8E-5342 6/5/51 8E-5347 6/5/51  
8E-5343 6/5/51 8E-5348 6/5/51  
8E-5344 6/5/51  
8E-5345 6/5/51  
8E-5346 6/5/51

JOB NO. 729 - 24

CONTRACT NO. AT-(129-1)-507

LOCATION ENGEBI ISLAND - SITE "E"

For: The Complete Construction of Coaxial Cable System

Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>COAXIAL CABLE SYSTEM, SITE "E"</u>							
	Coaxial cable system includes survey for and installation of cables, trenching, and backfill, and trench stations. Following figures are approximate.							
	Trench 14,295 Lin. Ft. Cable 573,765 Lin. Ft.	1	Each  Direct Indirect	85,285.49 79,621.43		8339.68	165,246.60	

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**Japtan Island - Site "L"**

**and**

**Miscellaneous Camp Sites**

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 1 OF 2

SFO-43  
(3.50)

AS-BU T DRAWING NUMBERS AND DATES:

2L-958 12/9/50  
FS-352 5/7/51

JOB NO. 640 - 3h

CONTRACT NO. AT-129-11-507

LOCATION JAPAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

7 May 1951

For: The Complete Construction of X-Ray Building, and X-Ray Generator Shelter

Building No.: 1 and 66

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>I-RAY BUILDING - Bldg. #1</u>  One story aluminum, concrete and wood construction; rectangular shape; set on a 5" thick reinforced concrete slab with 6" high curb around edge, slab sloped for drainage, size O.D. 13'-0" x 25'-0"; 4" thick reinforced concrete slab outside entrance of building, size 4'-0" x 19'-9"; 10" thick reinforced concrete wall through center of building, wall containing window opening rises 8'-6" above floor and separates x-ray room from control room; 10" thick reinforced concrete rear wall in x-ray room; remaining walls of wooden studs, braces and sheathing covered with corrugated aluminum; shed type roof with 2" x 6" rafters, sheathing and covered with corrugated aluminum, screened vents under front and rear eaves; windows; with lighting and power wiring and fixtures; plumbing; floor area O.D. 325 square feet; cubic content I.D. 2,555 cubic feet.	1	Each					
	<u>I-RAY GENERATOR SHELTER - Bldg. #66</u>  This is a one story, gable roof, wood building, size O.D. 10'-0" x 16'-0" x 10'-0" mean height, erected on an 8" reinforced concrete slab, wood louver siding on 4 sides, composition roof. Floor area O.D. 160 square feet. One generator unit installed.	1	Each					
			Direct	\$3,659.29				
			Indirect	3,888.29		\$68.58	\$7,616.16	

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
16 December 1950

AS-BUILT DRAWING NUMBERS AND DATES:

2C-907-1 12/15/50 2C-367-1 12/15/50  
2C-908-1 12/15/50 2C-959 12/16/50  
2C-452-1 12/15/50 FS-197 12/15/50  
2C-453-1 12/15/50

JOB NO. 640 - 3b

CONTRACT NO. AT-129-11-507

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of 100 Man Mess Hall, Reefer Shelter, Boiler House, and Garbage Storage Shed  
Building No.: 2 and 60

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>100 MAN MESS HALL - Bldg. #2</u>  This is a one story, double roofed, prefabricated aluminum building erected on a 5" concrete slab; complete with electrical wiring and fixtures, fresh and salt water plumbing, aluminum partitions, and screened windows and door entrances. The size I.D. 24'-0" x 100'-8 1/2" x 10'-0" mean height; floor area O.D. 2,564 square feet; cubic content I.D. 24,450 cubic feet.	1	Each					
	<u>REEFER SHELTER</u>  Adjoining Mess Hall, a rectangular shaped aluminum structure with a shed type roof; size O.D. 23'-6" x 12'-10" x 10'-0" mean height; set on a 5" thick concrete slab; floor area 302 square feet; cubic content 3,020 cubic feet.	1	Each					
	<u>BOILER HOUSE</u>  Adjacent to Mess Hall; a one story wood frame, corrugated aluminum covered, rectangular shaped building; size O.D. 12'-10" x 10'-10" x 10'-3" high; set on a 6" reinforced concrete slab; piping and power wiring systems connecting Mess Hall; floor area 143 square feet; cubic content 1,420 cubic feet.  Installed equipment includes: Hoods, exhausters, grease arrestors, reefers, boiler, water heaters, tanks, tables, sinks, range, dishwasher, coffee urns, flake ice machine, movie projector, griddles, toasters, fryers, slicers, choppers, steam cooker, and mixers.	1	Each					
	TOTAL COST		Direct	\$72,001.75				
			Indirect	31,936.91		\$439.52	\$104,380.18	
	<u>GARBAGE STORAGE SHED - Bldg. #60 - FS-197 - 12/15/50</u>  One story frame construction, rectangular shape; size I.D. 7'-4" x 7'-4" x 7'-9", corrugated aluminum roof; lower 4'-0" of sides of building covered with 1/4" plywood; screen on upper portion of sides; screen door; set on a 5" thick concrete slab with 6" curb on 4 sides; floor area O.D. 64 square feet. Cubic contents I.D. 417 cubic feet.	1	Each					
			Direct	\$288.07				
			Indirect	197.31			\$485.38	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 3 OF 28

SFO. 43 a  
(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

2B-106-3 12/15/50  
2B-113-3 12/15/50  
2B-123 12/15/50  
2B-307-29 12/15/50  
2B-402-3 12/15/50

JOB NO. 640 - 3a

CONTRACT NO. AT-(129-11)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

15 December 1950

For: The Complete Construction of 36 Man Quarters

Building No.: 4

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>36 MAN QUARTERS</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a concrete slab, complete with electrical wiring and fixtures, fresh and salt water plumbing, telephone installation, and aluminum partitions providing nine (9) rooms, toilet and showers, corridor and vestibule. The size I.D. is 24'-0" x 128'-8 1/2" x 10'-0" mean height. The total floor area of this building is 3,268 square feet and the cubic content is 30,890 cubic feet. Installed equipment includes: One water cooler with drinking fountain.</p>	1	Each	Direct \$22,048.57 Indirect 8,948.91		\$560.10	\$31,557.58	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
15 December 1950

AS-BUILT DRAWING NUMBERS AND DATES:

2B-105 12/15/50 2B-307-31 12/15/50  
2B-112 12/15/50 2B-401-3 12/15/50  
2B-307-30 12/15/50 2B-916 12/15/50

JOB NO. 640 - 3a

CONTRACT NO. AT-(29-11-507)

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of 18 Man Quarters

Building No.: 6 and 7

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>18 MAN QUARTERS</u>							
	This is a one story, double roofed, prefabricated aluminum building, erected on a concrete slab, complete with electrical wiring and fixtures, fresh and salt water plumbing, telephone installation and aluminum partitions providing nine (9) rooms, toilet and showers, corridor and vestibule. The size I.D. is 24'-0" x 68'-8 1/2" x 10'-0" mean height. The total floor area of this building is 1,760 square feet and the cubic content is 16,490 cubic feet. Installed equipment includes: One water cooler with drinking fountain.	2	Each					
		1	Each					
			Direct	\$11,874.38				
			Indirect	4,819.48		\$301.65	\$16,995.51	
	TOTAL - 2 Units		Direct	\$23,748.75				
			Indirect	9,638.96		\$603.30	\$33,991.01	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2L-396 12/15/50 2L-397 12/15/50  
2L-947 12/15/50 2L-950 12/15/50  
9L-518 12/15/50 9L-516 12/15/50

JOB NO. 640 - 31

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

15 December 1950

For: The Complete Construction of Salt Water Pump Station and Booster Pump Station

Building No.: 8 and 48

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>SALT WATER PUMP STATION - Bldg. #8</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a 5" reinforced concrete slab, with drain facilities, concrete pipe supports, and equipment foundations; complete with electrical wiring and fixtures, power wiring, control system, and piping. The size I.D. 16'-8 1/2" x 24'-0" x 10'-0" mean height; floor area O.D. is 450 square feet, with a cubic content of 4,010 cubic feet. Installed equipment includes: One engine driven pump unit, and one motor driven pump unit.</p>	1	Each Direct Indirect	\$3,451.83 2,245.99		\$116.28	\$5,814.10	
	<p><u>SALT WATER WELL - 8' outside of Pump Building; well is constructed from concrete pipe 3'-0" I.D. x 16'-0", installed in vertical position with 14'-5" of length below the grade level; an intake pipe, CGI 8" I.D. 100' long running from salt water, below low tide level, enters the lower end of the well, the shore and supported and covered with a riprap fill.</u></p>	1	Each Direct Indirect	\$1,267.15 828.08		\$46.77	\$2,142.00	
	<p><u>BOOSTER PUMP STATION - Bldg. #48 - 2L-397 thru 9L-516 - 12/15/50</u></p> <p>This is a one story, double roofed, prefabricated aluminum building erected on a 5" thick reinforced concrete slab containing pipe supports and equipment foundation blocks; with vented window panels, sliding door, electrical and power wiring. The size I.D. 24'-0" x 16'-8 1/2" x 10'-0" mean height; floor area O.D. 450 square feet; cubic contents 4,010 cubic feet. Installed equipment includes: One engine driven pump unit, two motor driven pump units, and one pressure tank.</p>	1	Each Direct Indirect	\$3,451.83 2,245.99		\$116.28	\$5,814.10	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:  
18 H-626 12/19/50

JOB NO. 640 - 3q

CONTRACT NO. AT-(29-1)-507

LOCATION JAPAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
19 December 1950

For: The Complete Construction of Timber Grease Rack  
Building No.: 9

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>TIMBER GREASE RACK</u>	One grease rack of timber construction; overall size at grade level 14'-0" x 42'-9 3/4"; two tread ramps rising from concrete pads to elevated planking 5'-5" above grade; tread ramps and elevated planking 2'-0" wide, 3'-3" between structures, constructed of 3" x 8" planking; ramp length 20'-6", horizontal elevated planking 22'-3 3/4" in length; 2" x 6" planking floor on sills between ramp and elevated structures; floor area 89 square feet; Douglas fir timber supports, bracing, and planking above 6" x 8" redwood sills set on grade.	1	Each Direct Indirect	\$2,491.58 2,613.98			\$5,105.56	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
23 December 1950

AS-BUILT DRAWING NUMBERS AND DATES:

2L-963	12/23/50	4L-478	12/23/50
4L-002	12/23/50	4L-479	12/23/50
4L-003	12/23/50	4L-480	12/23/50
4L-004	12/23/50	4L-961	12/23/50
4L-477	12/23/50	4L-962	12/23/50

JOB NO. 640 - 3a

CONTRACT NO. AT-(29-1)-507

LOCATION JAPAN ISLAND - SITE "L"

For: The Complete Construction of Power and Water Distillation Plant

Building No.: 11

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>POWER AND WATER DISTILLATION PLANT</b>							
	<p>One story concrete and prefabricated aluminum construction; double roof; rectangular shape; size I.D. 24'-0" x 55'-2 1/2" x 17'-3"; set on a 6" reinforced concrete slab, with drain facilities, pipe tunnels, pipe trenches and covers; reinforced concrete equipment foundations; standard aluminum wall panels set on slab and above 5'-3" high reinforced concrete walls in a 17'-5" portion of the building; vented window panels; sliding doors; piping systems; with electric wiring and fixtures, power wiring and control services; floor area O.D. 1,419 square feet; cubic content I.D. 15,445 cubic feet.</p> <p>Outside Building -- Diesel oil and gasoline tank stand of wood, Douglas fir, 5'-0" x 7'-0" x 5'-8", corner posts, sills and beams 12" x 12", diagonal bracing - 1" x 12". Platform, 11'-0" x 7'-0" with 1" x 12" flooring, supporting two tanks, steel, welded, size 5'-0" x 7'-0" x 5'-0". Fuel oil tank, 100 gallon, cylinder steel.</p> <p>Installed equipment includes: Two generator units, four distillation units, three pump units, cubicles, piping and control equipment. Costs for these items are not recorded on this sheet, but may be found in Power and Water Facilities Reports.</p>	1	Each	Direct \$29,850.21 Indirect 19,508.93		\$1,024.64	\$50,383.78	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 8 of 27

\*Not for use by A-E  
DATE OF THIS REPORT:  
15 December 1950

Revised:  
7 May 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2L-020 12/15/50 2L-988 12/15/50  
2L-489 12/15/50 2L-990 12/15/50  
2L-986 12/15/50 FS-472 5/7/51  
2L-987 12/15/50

JOB NO. 640 - 3f

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of Laboratory Building

Building No.: 12

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>LABORATORY BUILDING</u>	<p>One story, double roof, prefabricated aluminum construction; rectangular shape; consists of two parallel buildings joined by 6'-10" covered passage; each building 24'-0" x 72'-8 1/2" x 12'-0" I.D.; anchor bolted to a 5" thick concrete slab, size O.D. 56'-0" x 73'-10 1/2"; shed type sheet aluminum roof over passage provides longitudinal gutter between buildings; vented window panels screened; aluminum partitions separating 11 rooms; doors at each end of passageway; with lighting and power wiring and fixtures; plumbing; telephone installation; dehumidification equipment; dark rooms sealed for humidity control; laboratories are equipped with wooden shelves, benches, and counters; linoleum and plyglase covered benches include 12 stainless steel sinks; slab area O.D. 4,135 square feet; cubic content including passageway 38,500 cubic feet.</p>	1	Each	Direct \$47,911.23 Indirect 32,912.60		\$779.43	\$81,603.26	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

2L-174 11/16/50  
2L-175 11/16/50  
2L-440 11/16/50  
FS-375 12/18/50

JOB NO. 640 - 3c

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
18 December 1950

For: The Complete Construction of Animal Quarters, Wash House & Distillation House

Building No.: 13 and 51

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>ANIMAL QUARTERS - Bldg. #13</u></b>							
	One story, double roofed, prefabricated aluminum building erected on a reinforced concrete slab with curb, slab has provisions for drainage into 4'-0" x 4'-0" x 2'-3" concrete sump outside of building; building complete with electrical wiring and fixtures, fresh and salt water plumbing, and screened and vented window panels. The size I.D. 24'-0" x 44'-8 1/2" x 10'-0" mean height; floor area O.D. each building 1,155 square feet; cubic content I.D. for each building is 10,730 cubic feet.	2	Each					
	1 Unit		Direct	\$12,399.23				
			Indirect	4,509.49		\$67.97	\$16,976.69	
	TOTAL - 2 Unit		Direct	\$24,798.46				
			Indirect	9,018.98		\$135.94	\$33,953.38	
	<b><u>WASH HOUSE</u></b>							
	Adjacent to west end of Animal Quarters Building - a one story, double roofed, prefabricated aluminum building enclosed by three walls, east side open; size I.D. 12'-10" x 24'-0" x 10'-0" mean height; erected on a curb at the west end of a 5" thick reinforced concrete slab, size O.D. 25'-6 1/4" x 25'-2", with provisions for drainage into 4'-0" x 4'-0" x 2'-3" concrete sump outside of building; with electrical wiring and fixtures; plumbing; slab area O.D. 642 square feet; cubic content I.D. 3,075 cubic feet.	1	Each					
			Direct	\$6,892.05				
			Indirect	2,506.58		\$37.78	\$9,436.41	
	<b><u>DISTILLATION HOUSE</u></b>							
	Adjacent to west side of Wash House - a one story, rectangular shaped structure of wood and sheet aluminum construction with shed type roof, erected on a 5" reinforced concrete slab; size I.D. 14'-5" x 9'-8" x 7'-9"; with electrical wiring and fixtures; plumbing; floor area O.D. 151 square feet; cubic content I.D. 1,082 cubic feet.	1	Each					
			Direct	\$1,621.04				
			Indirect	589.56		\$8.88	\$2,219.48	
	Continued on next page							

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 3c

CONTRACT NO. AT-(29-11)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
18 December 1950

For: The Complete Construction of Animal Quarters, Wash House & Distillation House

Building No.: 13 and 51

ESTIMATE

Continued from previous page

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>ANIMAL QUARTERS - Bldg. #51 - Dwg. FS-375 - 12/18/50</u></p> <p>One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 44'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab with curb, slab has provisions for drainage into 4'-0" x 4'-0" x 2'-3" concrete sump outside of building; vented window panels; with electrical wiring and fixtures; exhauster fan; plumbing; floor area O.D. 1,155 square feet; cubic content I.D. 10,730 cubic feet; concrete pad, 4" thick, in area way connecting to existing building, size 12'-0" x 16'-2" - 194 square feet.</p>	1	Each Direct Indirect	\$12,399.23 4,509.49		\$67.97	\$16,976.69	
	<p><u>INSTALLED EQUIPMENT INCLUDES:</u></p> <p><u>ANIMAL QUARTERS</u> - Two sinks, 30 cage racks, 2,500 breeding cages, 10,000 individual cages, 2,600 watering devices, three feed containers, two roof exhausters, and six tables.</p> <p><u>WASH HOUSE</u> - One sink, one steriliser, and one rack hoist.</p> <p><u>DISTILLATION HOUSE</u> - One boiler, one receiver, one pump assembly, one distillation unit, steam piping system - between boiler and steriliser, condensate and fresh water piping system, fuel oil piping system - between tank and boiler.</p> <p><u>OUTSIDE OF BUILDING #13</u> - One pump, one water cooler, one fuel oil tank, one fresh water tank, and one salt water tank.</p>	1	Lot Direct Indirect	\$33,522.39 2,528.00		\$201.97	\$36,252.36	
	TOTAL -- Installed Equipment - Animal Quarters							

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COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 3d

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

25 November 1950

2L-956 11/25/50

For: The Complete Construction of Three Unit Animal Runs

Building No.: 14 thru 45

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>THREE UNIT ANIMAL RUNS</u>							
	Each unit consists of a 4" reinforced concrete slab, size 25'-0" x 3y'-0"; with reinforced concrete curbing, 12" wide x 9" mean height, integral with the slab, forming three runs and sloping into a concrete pit 2' x 8' x 2'; a 6" woven wire mesh fence with four 3' gates enclose and separate the runs; a shelter on one end of the slab is of prefabricated aluminum construction, with the open side facing the runs, and three entrance doors installed in the opposite side; fresh water and salt water piping, and electrical wiring and fixtures. The size I.D. 8' x 2 1/4' x 10' mean height; floor area O.D. 192 square feet; cubic content 1,920 cubic feet; with the slab area of 975 square feet.	32	Each					
	1 Unit		Direct	\$3,934.55				
			Indirect	1,823.84		\$41.30	\$5,799.69	
	TOTAL - 32 Units		Direct	\$125,905.74				
			Indirect	58,362.86		\$1,321.58	\$185,590.18	

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COMPLETION REPORT FOR

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SHEET NO. 12 OF 27

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DATE OF THIS REPORT:  
**22 May 1951**

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 3r

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of Incinerator

Building No.: 46

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>INCINERATOR</u> Constructed of prefabricated sections of fire resistant concrete; with steel reinforcing and hardware. Set on a concrete slab, 36" x 36" x 6". Prefabricated, 2 barrel size, model 75, "BILT-RITE."</p>	1	Each Direct Indirect	\$179.04 86.96			\$266.00	

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SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:  
2L-981 11/11/50

JOB NO. 640 - 3e

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
11 November 1950

For: The Complete Construction of **Feed Storage Building**  
Building No.: 47

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>FEED STORAGE BUILDING</u></p> <p>One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 60'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab; vented window panels; sliding door; electric wiring and fixtures; floor area O.D. 1,557 square feet; cubic contents I.D. 14,569 cubic feet.</p>	1	Each	Direct \$8,295.88 Indirect 4,101.83		\$266.32	\$12,664.03	

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SHEET NO. 14 OF 27

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DATE OF THIS REPORT:  
**15 December 1950**

S-BUILT DRAWING NUMBERS AND DATES:

JOB NO. **640 - 3g**

CONTRACT NO. AT-129-11-507

LOCATION **JAPTAN ISLAND - SITE "L"**

2L-021 12/15/50  
2L-493 12/15/50  
2L-5121 12/15/50

For: The Complete Construction of **Autopsy Building**

Building No.: **49**

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>AUTOPSY BUILDING</u></p> <p>This is a one story wood building with corrugated aluminum roof and siding rising 2'-6" above sills, plastic screening between siding and roof; erected on a 5" concrete slab; with screen doors; plumbing; electric wiring and fluorescent fixtures; six autopsy tables with stainless steel tops; a 6'-10" x 30'-0" covered concrete walk leading to Laboratory Building. The size O.D. 25'-0" x 48'-0" x 12'-3" mean height; floor area O.D. 1,200 square feet; cubic contents I.D. 13,536 cubic feet.</p>	1	Each					
			Direct	\$8,781.25				
			Indirect	7,130.85		\$235.28	\$16,147.38	

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AS-BUILT DRAWING NUMBERS AND DATES:  
21-965 11/29/50

JOB NO. 640 - 3j

CONTRACT NO. AT-(29-11)-507

LOCATION JAPAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

29 November 1950

For: The Complete Construction of Green House

Building No.: 50

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>GREEN HOUSE</u>	This is a one story, wood frame, shed type roof building, covered with 1/4" mesh hardware cloth and cheese cloth; a duck board floor is made up of four sections; erected on a 4" thick concrete slab, adjoining the Laboratory, size 11'-0" x 20'-0". The building size I.D. is 9'-4 1/2" x 9'-4 3/4" x 6'-0" high; slab area O.D. 220 square feet; cubic content I.D. 528 cubic feet.	1	Each Direct Indirect	\$370.14 297.11			\$667.25	

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
9 December 1950

AS-BUILT DRAWING NUMBERS AND DATES:

2L-5659.1 12/9/50  
2L-5154 12/9/50

JOB NO. 640 - 3a

CONTRACT NO. AT-(29-1)-507

LOCATION JAPAN ISLAND - SITE "L"

For: The Complete Construction of Infirmary

Building No.: 52

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>INFIRMARY</u>	One story frame construction; roof and siding corrugated aluminum; rectangular shape; size I.D. 19'-11 1/4" x 23'-11 1/4" x 12'-0", set on a 5" reinforced concrete slab. Includes electrical wiring, plumbing, storage cabinets, bench, shelving, screened doors and windows. Floor area O.D. 507 sq. ft., cubic content I.D. 4,773 cu. ft., concrete pads, 5" thick, 4'-0" x 10'-0" and 4'-0" x 5'-0", total 60 sq. ft. Installed equipment and furniture includes: One glass instrument cabinet, one 18" x 33" metal table, one operating table, one fire extinguisher, and one refrigerator.	1	Each	Direct \$5,385.37 Indirect 4,671.83			\$10,057.20	

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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:  
FS-292 - C.O. #103 12/27/50

JOB NO. 640 - 3v

CONTRACT NO. AT-(29-11-507)

LOCATION JAPAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
27 December 1950

For: The Complete Construction of Thermal Building  
Building No.: 53

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>THERMAL BUILDING</u>  One story wood construction; rectangular shape; size I.D. 10'-2" x 4'-2" x 5'-5"; frame construction with floor, walls and roof of plywood and canvas. Floor area O.D. 50 square feet; cubic content 230 cubic feet. Distribution piping, 4", steel, galvanized. Installed equipment includes: One thermal unit - Witt-ees.	1	Each  Direct Indirect	\$418.86 537.10			\$955.96	

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO.

CONTRACT NO. AT-(29-1)-507

LOCATION JAPAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

27 September 1950

13L-225 9/27/50 Location Only

For: The Complete Construction of

Building No.: 54-55-56-57-58-59, Constructed and Occupied by  
U.S. Navy Personnel

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>DAY ROOM BUILDING - Bldg. #54</u> Size O.D. 16'-0" x 56'-0", elevated 2 1/2" above grade, wood frame, siding and foundation; corrugated metal roof. Electric light and power service, piping for plumbing, fresh water and sewer. Installed equipment and furniture includes: One reach-in refrigerator (Army surplus), one walk-in refrigerator, 13 wood and canvas folding chairs, one banquet table, and two fire extinguishers.	1	Each				*	
	<u>OFFICE BUILDING - Bldg. #55</u> Size O.D. 14'-0" x 16'-0", elevated 2 1/2" above grade, wood frame, siding and foundation; corrugated metal roof. Electric light and power service, piping for plumbing, fresh water and sewer. Installed equipment and furniture includes: One aluminum hot locker, one wood and canvas folding chair, and one fire extinguisher.	1	Each				*	
	<u>FIRST AID BUILDING - Bldg. #56</u> Size O.D. 14'-0" x 10'-0", elevated 2 1/2" above grade, wood frame, siding and foundation; corrugated metal roof. Electric light and power service. Piping for plumbing, fresh water and sewer. Installed equipment and furniture includes: One wood and canvas folding chair, and one fire extinguisher.	1	Each				*	
	<u>DRAFTING ROOM BUILDING - Bldg. #57</u> Size O.D. 12'-0" x 24'-0", elevated 2 1/2" above grade, wood frame, siding and foundation; corrugated metal roof. Electric light and power service. Installed equipment includes: One fire extinguisher.	1	Each				*	
	<u>BIOLOGICAL LABORATORY BUILDING - Bldg. #58</u> Size O.D. 12'-0" x 30'-0", elevated 2 1/2" above grade, wood frame, siding and foundation; corrugated metal roof. Electric light and power service. Piping for plumbing, fresh water and sewer. Installed equipment includes: One fire extinguisher.	1	Each				*	
	<u>QUARTERS - TOILET BUILDING - Bldg. #59</u> Size O.D. 14'-0" x 24'-0", elevated 2 1/2" above grade; wood frame siding and foundation; corrugated metal roof. Electric light and power service. Piping for plumbing, fresh and salt water and sewer.	1	Each				*	
	* No cost recorded for this structure.							

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SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 3a

CONTRACT NO. AT-129-11-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E

DATE OF THIS REPORT:

7 May 1951

FS-630 5/7/51

For: The Complete Construction of Concrete Slabs for Tents

Building No.: 67, 68, 69, 70, 72, and 73

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CONCRETE SLABS FOR TENTS</u>							
	Slabs No. 67, 68, 72, and 73: A 4" concrete slab, size 15'-10" x 31'-10", complete with anchor bolts.	4	Each					
	Slabs No. 69 and 70: 4" concrete slab, size 14'-4" x 14'-6", complete with anchor bolts.	2	Each					
			Direct Indirect	\$333.47 \$11.59			\$645.06	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
31 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 3t

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of Cargo Pier

Building No.: 71

FS-349 1/31/51

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CARGO PIER</u>							
	A wood structure consisting of piling and timber with 4" decking; size 20'-0" wide x 133'-0" long, with wing walls retaining stabilised crushed coral fill to roadway. Total area of deck 2,660 square feet. Remove existing pier.	1	Each					
			Direct Indirect	\$41,745.32 31,293.97			\$73,039.29	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:

13L-225 11/17/50 - 5/7/51 - Revised  
13L-226 11/17/50

JOB NO. 640 - 3k

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
17 November 1950

For: The Complete Construction of Site Preparation and Roads

Building No.:

Revised:  
7 May 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>CLEARING OF SITE</u></p> <p>Brush and undergrowth removed to limits as indicated on Drawing No. 13L-225 and 13L-226.</p> <p><u>GRADING OF SITE</u></p> <p>Site grading for buildings, including fill and excavation. Cut and shape necessary drainage ways.</p> <p>* Included in Building Costs</p> <p><u>ROADS</u></p> <p>Construction of roads as indicated on Drawing No's. 13L-225 and 13L-226, and in accordance with the general road building practice of this activity. Approximately 7,000 linear feet of roadway or an area of 12,000 square yards. Drainage as required, carried to natural drain areas.</p>	1	Site Direct Indirect	\$4,299.30 3,481.55		\$168.69	\$7,949.54	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 22 OF 27

AS-BUILT DRAWING NUMBERS AND DATES:

10L-519 11/15/50  
10L-520 11/15/50 - 5/7/51 - Revised

JOB NO. 640 - 30

CONTRACT NO. AT-129-11-507

LOCATION JAPTAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
15 November 1950

For: The Complete Construction of Sewer System

Building No.:

Revised:  
7 May 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>PIPING SYSTEM, OUTDOOR - Sanitary Sewer</u></p> <p>Pipe 8" Corrugated Metal, Outfall - 300 Lin. ft.                      Pipe 8" Vitrified Clay - Mains - 1,060 Lin. ft.                      Pipe 6" Vitrified Clay - Branches - 2,090 Lin. ft.</p> <p>Drop Inlets - 6" Y Service Connections - 38 each                      Drop Inlets - 4" Y Service Connections - 7 each                      Drop Inlets - 3" Y Service Connections - 1 each                      Drop Inlets - 2" Y Service Connections - 4 each                      Services, Sewer and Cleanout - 50 each</p> <p>Manholes -- Size - 28" diameter, Kind - C.M.P., Cover - Cl -- 15 each</p>	1	System					
			Direct	\$20,751.33				
			Indirect	16,344.05		\$1,487.81	\$38,583.19	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
25 November 1950

AS-BUILT DRAWING NUMBERS AND DATES:

90-607 11/14/50  
9L-521 11/15/50  
9L-522 11/15/50 - 5/7/51 - Revised  
9L-523 11/25/50  
9L-524 11/25/50 - 5/7/51 - Revised

JOB NO. 640 - 3n

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of Fresh & Salt Water Systems, and Fresh & Salt Water Storage Tanks

Building No.: 10

Revised:  
7 May 1951

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>FRESH WATER PIPING SYSTEM - Outdoor</u>							
	Pipe, 3" Transite Pressure 150# underground 2'-6" min., 3,300 lin. ft.; Pipe, 4" Galvanized Steel, 75 lin. ft.; Pipe, 2" Galvanized Steel, 40 lin. ft.; Services, Water-Copper Pipe, 44 each. One tank, bolted steel construction with cover, 4,200 gallon capacity, set on a reinforced concrete pad, size 10'-0" x 10'-0" x 6". One tank, pressure reducing, welded steel construction, size 5'-0" x 7'-0" x 5'-0", mounted approximately 75% below grade level.	1	System Direct Indirect	\$18,429.53 15,800.18		\$165.51	\$34,395.22	
	<u>SALT WATER PIPING SYSTEM - Outdoor</u>							
	Pipe, 4" Transite Pressure 150# underground 2'-6" min., 3,300 lin. ft.; Pipe, 3" Transite Pressure 150# underground 2'-6" min., 300 lin. ft.; Pipe, 8" Corrugated Metal, 100 lin. ft.; Services, Water-Copper Pipe, 46 each. One tank, pressure reducing, welded steel construction, size 5'-0" x 7'-0" x 5'-0", set on a reinforced concrete pad, size 7'-0" x 9'-0" x 6". One tank, pressure reducing, welded steel construction, size 5'-0" x 7'-0" x 5'-0", mounted approximately 75% below grade level.	1	System Direct Indirect	\$19,965.32 17,116.86		\$179.31	\$37,261.49	
	<u>ELEVATED WATER TANKS - Bldg. #10</u>							
	Two bolted steel tanks, each 4,200 gallon capacity, mounted on 15'-2" x 27'-9 1/2" tower platform elevated 30'-65" above grade. Platform consists of 2" x 8" planking inclosed by 2" x 4" guard rail 3'-6" high, and supported by 4" x 12" joists on 10" x 18" caps over 10" x 10" columns with 2" x 6" double diagonal bracing, concrete footings below columns. Piping and valves connecting tanks to salt water and fresh water systems.	1	Each					
	<u>TOWER AND TANK - FRESH WATER STAND-BY</u>							
	Welded steel tank, size 5'-0" x 7'-0" x 5'-0", 1,300 gallon capacity, mounted on a 12'-0" x 12'-0" tower platform elevated 12' above grade. Platform consists of 2" x 12" planking over 8" x 8" beams supported by four 8" x 8" columns set on 8" x 8" sills. Piping and valves connecting tank to system.	1	Each Direct Indirect	\$1,828.23 305.86		\$18.55	\$2,152.64	
	TOTAL - Distillation Equipment Shown in Bldg. No. 11		Direct Indirect	\$69,735.69 14,945.35		\$790.39	\$85,471.43	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
16 November 1950

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 3 1

CONTRACT NO. AT-(29-1)-507

LOCATION JAPTAN ISLAND - SITE "L"

For: The Complete Construction of Telephone & Control Overhead Distribution System

7L-016 11/16/50 - 5/7/51 - Revised  
7L-017 11/16/50

Building No.:

Revised:  
7 May 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>TELEPHONE &amp; CONTROL OVERHEAD DISTRIBUTION SYSTEM</u></p> <p>Includes all necessary wire, cable, fittings, panels, etc. from Cook's Type B Terminal on Pole #23 to Cook's Type SX Terminal on Pole #4, with extended services to Buildings No. 2, 7 and 12. Control system wires - three #8 - run between Power House, Pump House and Water Storage Tanks. At Pole #23 the telephone system continues by cable, underground &amp; submarine to the exchange located in Building #208 on Parry Island. The complete system includes 4,075 lineal feet of wire and cable and 8 telephone services.</p>	1	Each	Direct \$16,345.53 Indirect 11,286.04		\$267.37	\$27,898.94	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2L-963 12/23/50 4L-479 12/23/50  
4L-002 12/23/50 4L-480 12/23/50  
4L-003 12/23/50 4L-961 12/23/50  
4L-004 12/23/50 4L-962 12/23/50  
4L-477 12/23/50 6L-375 11/16/50 - 5/7/51 - Revised  
4L-478 12/23/50 6L-376 11/16/50

JOB NO. 640 - 3m

CONTRACT NO. AT-129-11-507

LOCATION JAPAN ISLAND - SITE "L"

\*Not for use by A-E  
DATE OF THIS REPORT:  
23 December 1950

For: The Complete Construction of Electrical Overhead Distribution System and Outdoor Substation  
Building No.:

Revised:  
7 May 1951

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>ELECTRICAL OVERHEAD DISTRIBUTION SYSTEM</u></b>							
	This system consists of 2400 volt primary and 120 - 240 volt secondary conductors overhead; supported by poles, cross arms, and fixtures, spaced approximately 115 feet apart; 19 transformers; platforms; and drop services.							
	<b><u>CONDUCTORS</u></b> - Overhead - Size # 1/0 - Secondary	200	L.F.					
	Size # 4 - Primary	4700	L.F.					
	Size # 4 - Secondary	5400	L.F.					
	Size # 6 - Secondary	2400	L.F.					
	Size # 8 - Secondary & Street Lights	7600	L.F.					
	Size # 10 - Secondary	150	L.F.					
	<b><u>POLE ASSEMBLIES</u></b> - Average length 40 feet	27	Each					
	<b><u>STREET LIGHTING FIXTURES</u></b> (on distribution poles)	7	Each					
	<b><u>SERVICES</u></b> - Overhead - 2 Conductor	37	Each					
	3 Conductor	11	Each					
	4 Conductor	9	Each					
			Direct	\$13,381.02				
			Indirect	8,203.21		\$456.56	\$22,040.79	
	<b><u>OUTDOOR SUBSTATION</u></b>							
	South of Power Plant Building; consists of 6" thick reinforced concrete slab 5'-0" x 19'-9", with conduit rack for power feeders and distribution. Equipment includes: Six transformers; grounding system of two ground rods and 20 feet of #1/0 ground wire; and a fence enclosing Substation Area, 8'-0" high, 65 lin. ft. of chain link type including 4'-0" gate.	1	Each					
			Direct	\$33,765.02				
			Indirect	12,123.80		\$1,280.90	\$47,169.72	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 7a

CONTRACT NO. AT-(29-11)-507

LOCATION BOGALLUA ISLAND - SITE "F"

For: The Complete Construction of Site Preparation, Engineering Design, & Preliminary Work  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	Field Sketches #77 and #83 may be used as reference for the preliminary work and materials which have been reported as follows:							
	(1) Blade & Shape	240,000	sq. ft.	Direct \$1,497.36 Indirect 1,194.17		\$23.91	\$2,715.44	
	(2) Control & Signal Cable	78,750	lineal feet	Direct 4,338.35 Indirect 1,118.43		431.34	5,888.12	
	(3) Pier	20	foot	Direct 743.78 Indirect 277.67		33.60	1,055.05	
	(4) Air Strip Matting 50' x 900'	45,000	sq. ft.	Direct 12,939.56 Indirect 4,043.81		412.56	17,395.93	
	(5) Breakwater	1,300	feet	Direct 738.42 Indirect 946.87		31.07	1,716.36	
	(6) Channel			Direct 415.58 Indirect 532.90		17.49	965.97	
	(7) Communication System including Submarine Cable			Direct 19,149.53 Indirect 5,963.64			25,113.17	
	Considerable preliminary work was involved however, original plans were never completed and no As-Built drawings are submitted. The survey department reports that due to shifting sands and attempts to control same being unsuccessful the project was abandoned.							
	The following are features which were not constructed but to which design charges are applicable:							
	200 foot tower					\$20.54	\$20.54	
	Service Bldgs.					\$985.27	\$985.27	
	Water Facilities					\$651.56	\$651.56	
	Electrical Facilities					\$1,190.63	\$1,190.63	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

FS-511 6/9/51  
FS-512 6/11/51

JOB NO. 640

CONTRACT NO. AT-129-11-507

LOCATION MISCELLANEOUS SITES -  
SITES H, J, K, M, N, P, & Q

\*Not for use by A-E  
DATE OF THIS REPORT:  
11 June 1951

For: The Complete Construction of Camp Sites,  
75' Photo Towers, Etc.  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	Blade & Shape, Sites "M", "P", & "Q"	39,078	sq. yds.					
			Direct	\$8,340.40				
			Indirect	5,522.01		\$6,111.11	\$19,973.52	
	Blade & Shape Air Strip at Site "K"	1,957	sq. yds.					
			Direct	\$187.48				
			Indirect	240.41		\$258.64	\$686.53	
	Asphalt Handling Facilities, Site "H"	1	Lot					
			Direct	\$50,778.42				
			Indirect	33,042.38			\$83,820.80	
	75' Photo Towers;	6	Each					
	1 on "M"		Direct	\$32,842.29				
			Indirect	23,577.88		\$357.60	\$56,777.77	
	2 on "N"		Direct	\$39,440.07				
			Indirect	18,843.08		\$463.52	\$58,746.67	
	1 on "P"		Direct	\$20,851.05				
			Indirect	10,830.69		\$242.92	\$31,924.66	
	2 on "Q"		Direct	\$38,279.73				
			Indirect	\$17,598.00		\$453.20	\$56,330.93	
	For more detail & complete costs see individual site sheets under Scientific Structures.							
	Electrical Facilities, Sites "M", "N", "P", & "Q" include 10,000 feet of Submarine Cable, 4,000 feet of Buried Cable, 6 Generators, 3 Switchboards, and 5 Portable Generators.	1	Lot					
			Direct	\$57,115.33				
			Indirect	13,038.91		\$2,145.40	\$72,299.64	
	Water Facilities - No Construction - Engineering Design Only	1	Lot			\$1,732.36	\$1,732.36	
	Piers - No Construction - Engineering Design Only	1	Lot			\$226.25	\$226.25	
	Rehabilitation of Existing Towers - Sites "J", & "K"	2	Each					
			Direct	\$2,497.40				
			Indirect	3,002.65			\$5,500.05	

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**Military Structures - Program 3**

ATOMIC ENERGY COMMISSION  
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Sheet No. \_\_\_ of \_\_\_

COMPLETION REPORT FOR

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CONTRACT NO. AT - (29-1) - 507

For: MILITARY STRUCTURES

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INDEX SHEET

STRUCTURE	STA. or BLDG. NO.	C. R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C. R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C. R. SHT. NO.
<u>ARMY STRUCTURES</u>								
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Underground Test Shelter	3.1.3	2						
<u>NAVY STRUCTURES</u>								
Navy Type Structure	3.2.1a & b	3						
Navy Type Structure	3.2.2a & b	4						
Navy Type Structure	3.2.3a & b	5						
Navy Type Structure	3.2.4a & b	6						
Navy Type Structure	3.2.5	7						
Navy Type Structure	3.2.6	8						
Navy Type Structure	3.2.7a & b	9						
<u>AIR FORCE STRUCTURES</u>								
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Air Force Structure Type A-2.1	3.3.4	11						
Air Force Structure Type F-2	3.3.5a	12						
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Air Force Idealized Models	3.3.8a-e	14						
Air Force Idealized Models	3.3.8a-e	15						
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Air Force Idealized Models	3.3.8g	17						
Air Force Structure Type C-1.1	3.3.8h	18						

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COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
19 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 730.1 - 9a

CONTRACT NO. AT-129-11-507

LOCATION ENGBI ISLAND - SITE "E"

60-09-06 (13 sheets) 2/14/51  
FS - 631 4/18/51  
2E-6617 4/19/51

For: The Complete Construction of Multi-Story Building

Building No.: 311

23 August 1951 - Revised

\*NOTE: Sheets No. 2,6,8,10,11,12 revised 4/18/51

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>MULTI-STORY BUILDING</b>							
	This is a three story test structure of concrete, steel and brick, size 195'-0" wide x 52'-0" deep x 36'-0" high to the top of the flat roofs and the width divided into seven separate sections or buildings. A 3" space and sealing connections are provided between all section foundations, floor slabs, walls, and roofs. Wall panels, roofs, floors and anchoring to foundation footings are of various kinds, types, sizes and combinations to obtain comprehensive test results. Survey and control points are located in all outside walls and foundations. The second and third floors of buildings Nos. 2, 3, 4, 5 & 6 are live loaded to 100# per square foot with sandbags. Accessways are covered with 4" x 4" timber.							
	Buildings Nos. 1 and 7 - Drawing Sheets Nos. 1, 2, 3, 4, 5 and 13 - end seal and test panel sections, three story are similar in size, 32'-0" wide x 52'-0" deep x 36'-0" high.							
	Buildings Nos. 2 and 6 - Drawing Sheets Nos. 1, 6, 7, 8 and 13 - structural steel frame, with and without windows, three story are similar in size, 19'-1" wide x 52'-0" deep x 36'-0" high.							
	Buildings Nos. 3 and 5 - Drawing Sheets Nos. 1, 9, 10, 11, 12 and 13 - reinforced concrete frame, with and without windows, three story are similar in size, 19'-1" wide x 52'-0" deep x 36'-0" high.							
	Building No. 4 - Drawing Sheets Nos. 1, 10, 11, 12 and 13 - reinforced concrete frame with shear walls, with floor and roof diaphragms - no windows, size 53'-0" wide x 52'-0" deep x 36'-0" high.							
	Twelve 2" diameter pipes are mounted in vertical position flush with paving to provide means for making deformation measurements.	1	Each					
			Direct	\$557,711.69				
			Indirect	466,064.17		- 0 -	\$1,023,775.86	
	Instrumentation		Direct	78,652.48				
			Indirect	81,590.92		\$37,962.56	198,205.96	
	Total Structure and Instrumentation		Direct	636,364.17				
			Indirect	547,655.09		37,962.56	1,221,981.82	
	Grouting Program		Direct	308,616.72				
			Indirect	334,393.58		- 0 -	643,010.30	
	<b>GRAND TOTAL</b>		Direct	944,980.89				
			Indirect	882,048.67		37,962.56	1,864,992.12	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

~~SECRET~~SHEET NO. 2 OF 18

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 730.1 - 9bCONTRACT NO. AT-(29-11)-507LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:

14 February 195160-09-11 (3 sheets) 2/14/51For: The Complete Construction of Underground Test ShelterBuilding No.: 113

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UNDERGROUND TEST SHELTER</u>							
	This Underground Shelter is made up of a main reinforced concrete structure 10'-0" x 10'-0" x 35'-0" long. Access to and egress from the main shelter is provided by a tunnel 10'-0" x 10'-0" x 56'-0". Opposite the main shelter and at right angles to the access tunnel is constructed an additional shelter made up of pre-cast concrete pipe and corrugated iron pipe 10'-0" in diameter by 35'-0" in length. These total structures are covered with a 6'-0" compacted earth fill. These structures cover a total of 1,260 square feet.	1	Each					
			Direct	\$26,064.80				
			Indirect	16,451.56		- 0 -	\$42,516.36	
	Instrumentation		Direct	12,411.39				
			Indirect	13,347.39		\$4,283.07	30,041.85	
	Total Structure and Instrumentation		Direct	38,476.19				
			Indirect	29,798.95		4,283.07	72,558.21	

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SHEET NO. 3 OF 18

SFO-43 a  
(3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 730-2-9c & d

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEEI - SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:  
6 February 1951

482343 2/6/51  
481344 2/6/51  
481345 2/6/51  
481346 2/6/51

For: The Complete Construction of Navy Type Structure

Building No.: 3.2.1 a and b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>BUILDING 3.2.1a</u></b>							
	A reinforced concrete test structure and foundation, size O.D. 28'-0" x 28'-0" x 11'-0" with an enclosed hollow section 22'-0" x 22'-0" x 6'-0" - 212 cubic yards of concrete and steel, foundation located 6'-0" below grade.	1	each	Direct \$29,202.33 Indirect 19,656.64		- 0 -	\$48,858.97	
	Instrumentation			Direct 283.99 Indirect 221.41		253.80	759.20	
	Total Structure and Instrumentation			Direct 29,486.32 Indirect 19,878.05		253.80	49,618.17	
	<b><u>BUILDING 3.2.1b</u></b>							
	A reinforced concrete test structure size O.D. 28'-0" x 28'-0" x 10'-6" above grade and foundation 6'-0" below grade is made up of 203 precast cells, structural steel supported and layer imbedded, walled in, and roofed over with reinforced concrete. The total cubic content of structure O.D. is 305 cubic yards.	1	each	Direct 44,857.11 Indirect 25,535.83		- 0 -	70,392.94	
	Instrumentation			Direct 264.18 Indirect 195.99		253.80	713.97	
	Total Structure and Instrumentation			Direct 45,121.29 Indirect 25,731.82		253.80	71,106.91	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
6 February 1951

PROJECT (DRAWING) NUMBER AND DATE:

481347 2/6/51  
481348 2/6/51  
481349 2/6/51  
481350 2/6/51

JOB NO. 730.2-9a & f CONTRACT NO. AT-129-11-507

LOCATION ENGEBI - SITE "E"

For: The complete construction of Navy Type Structure

Building No.: 3.2.2a and b

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	
	<b>BUILDING 3.2.2a</b>						
	A concrete test structure, size 21'-2" x 41'-0" x 11'-6" with reinforced precast panels and columns, assembled with bolts and welded steel plated, anchored to a reinforced foundation and footings 3'-6" thick below grade.	1	each				
			Direct	\$14,587.59			
			Indirect	6,695.09		- 0 -	\$21,282.68
	Instrumentation		Direct	5,885.16			
			Indirect	6,054.03		\$2,321.47	14,260.66
	<b>Total Structure and Instrumentation</b>		Direct	20,472.75			
			Indirect	12,749.12		2,321.47	35,543.34
	<b>BUILDING 3.2.2b</b>						
	A concrete and brick test structure, size 21'-6" x 43'-6" x 11'-0", with reinforced precast concrete panels bolted to brick walls and a flat wood frame roof, anchored to reinforced foundation and footings 3'-0" below grade.	1	each				
			Direct	21,767.42			
			Indirect	10,798.49		- 0 -	32,565.91
	Instrumentation		Direct	3,966.33			
			Indirect	3,989.85		1,773.75	9,729.93
	<b>Total Structure and Instrumentation</b>		Direct	25,733.75			
			Indirect	14,788.34		1,773.75	42,295.84

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ATOMIC ENERGY COMMISSION  
 SANTA FE OPERATIONS OFFICE  
 COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

481351 2/6/51  
 481352 2/6/51  
 481353 2/6/51  
 481354 2/6/51

JOB NO. 730,2 - 9g

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by A-E  
 DATE OF THIS REPORT:  
 6 February 1951

For: The Complete Construction of Navy Type Structure

Building No.: 3.2.3 a and b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>BUILDINGS NO. 3.2.3 a AND b</u></b>							
	Concrete and steel test structures of prefabricated cell panels and trusses for walls and roof, welded, grouted and anchored to foundation footings and floor slab. Size of the structures O.D. 21'-7 5/8" x 41'-7 3/8" x 10'-9 1/4" high.	2	Each					
	Building No. 3.2.3a - Structure		Direct	\$35,248.27				
			Indirect	10,210.58		- 0 -	\$45,458.85	
	Instrumentation		Direct	4,531.14				
			Indirect	4,527.85		\$2,086.79	11,145.78	
	<b>Total Structure and Instrumentation</b>		Direct	39,779.41				
			Indirect	14,738.43		2,086.79	56,604.63	
	Building No. 3.2.3b - Structure		Direct	35,813.55				
			Indirect	11,236.33		- 0 -	47,049.88	
	Instrumentation		Direct	5,616.44				
			Indirect	5,263.85		3,086.34	13,966.63	
	<b>Total Structure and Instrumentation</b>		Direct	41,429.99				
			Indirect	16,500.18		3,086.34	61,016.51	

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ATOMIC ENERGY COMMISSION  
 SANTA FE OPERATIONS OFFICE  
 COMPLETION REPORT FOR

SHEET NO. 6 OF 10

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 730,2 - 9h &amp; 1 CONTRACT NO. AT-(29-1)-507

LOCAL ~~SECRET~~ ENGBR ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT: :

6 February 1951

For: The Complete Construction of Navy Type Structure

Building No.: 3.2.4 a and b

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>BUILDING NO. 3.2.4a</u></b>							
	A concrete test structure of pre-cast concrete wall and roof panels and floor slabs, erected on a foundation with 2'-0" thick footings. The central portion of the structure O.D. is 22'-10" wide x 44'-1" long x 13'-0" high, wing walls, anchored to the foundation increase the total width of the front of the structure to 49'-6". A minimum 2'-0" thick earth fill covers the roof and walls on three sides.	1	Each					
			Direct	\$15,644.93				
			Indirect	6,743.71		- 0 -	\$22,388.64	
	Instrumentation		Direct	7,200.58				
			Indirect	7,624.28		\$2,760.54	17,585.40	
	Total Structure and Instrumentation		Direct	22,845.51				
			Indirect	14,367.99		2,760.54	39,974.04	
	<b><u>BUILDING NO. 3.2.4b</u></b>							
	A concrete test structure of pre-cast concrete wall and roof panels and floor slabs, erected on a foundation with 2'-0" thick footings. The size I.D. is 20'-0" wide x 40'-0" long x 12'-6" high.	1	Each					
			Direct	14,053.26				
			Indirect	5,844.91		- 0 -	19,898.17	
	Instrumentation		Direct	9,489.92				
			Indirect	9,160.53		4,828.87	23,479.32	
	Total Structure and Instrumentation		Direct	23,543.18				
			Indirect	15,005.44		4,828.87	43,377.49	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

\*Not for use by A-E  
DATE OF THIS REPORT:  
6 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
481360 2/6/51

JOB NO. 730.2-9j

CONTRACT NO. AT-129-11-507

LOCATION ~~SECRET~~ ENOGBI - SITE "B"

For: The Complete Construction of Navy Type Structure

Building No.: 3.2.5

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TEST STRUCTURE 3.2.5</u>							
	A reinforced concrete test structure of precast roof, floor and end wall panels, bolt assembled and anchored to foundation 2'-0" thick, size O.D. 10'-6" radius arch roof and side walls - 21'-0" wide x 40'-0" long.	1	each					
			Direct	\$12,341.16				
			Indirect	4,811.32		- 0 -	\$17,152.48	
	Instrumentation		Direct	11,730.46				
			Indirect	11,263.34		\$5,994.34	28,988.14	
	Total Structure and Instrumentation		Direct	24,071.62				
			Indirect	16,074.66		5,994.34	46,140.62	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
6 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 730.2-9k

CONTRACT NO. AT-129-11-507

LOCATION EMGEHI - SITE "E"

481358    2/6/51  
481359    2/6/51

For: The Complete Construction of Navy Type Structure

Building No.: 3.2.6

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	
	<u>TEST STRUCTURE 3.2.6</u>						
	A reinforced concrete test structure, dome shape of precast panels, erected on a 6" floor slab foundation with 2'-3" thick footings. The size of the structure, spherical radius, I.D. 2'-0" from center is 14'-0" giving a height of 14'-0" x 32'-0" diameter. Two sloping wing walls 6" thick extend 14'-0" from concrete entrance walls and roof, and provide unobstructed entrance to the earth covered structure.	1	each				
			Direct	\$14,946.11			
			Indirect	8,151.95		- 0 -	\$23,098.06
	Instrumentation		Direct	4,617.66			
			Indirect	4,768.39		\$1,812.66	11,198.71
	Total Structure and Instrumentation		Direct	19,563.77			
			Indirect	12,920.34		1,812.66	34,296.77

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

481361 2/6/51  
481361 2/6/51

JOB NO. 729-91  
730.2-9a

CONTRACT NO. AT-(129-1)-507

LOCATION ENGEBI - SITE "E"  
MUZIM - SITE "S"

\*Not for use by A-E  
DATE OF THIS REPORT:  
6 February 1951

For: The Complete Construction of Navy Type Structure

Building No.: 3.2.7a and 3.2.7b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>STRUCTURE 3.2.7a</b>							
	A reinforced concrete test structure, size O.D. 21'-0" x 41'-0" x 11'-6" above grade, with 12" floor and foundation footings 3'-0" below grade, one end wall opening with metal door.	1	each					
			Direct	\$11,134.93				
			Indirect	7,756.98		- 0 -	\$18,891.91	
	Instrumentation		Direct	4,931.08				
			Indirect	4,912.76		2,264.69	12,108.53	
	Total Structure and Instrumentation		Direct	16,066.01				
			Indirect	12,669.74		2,264.69	31,000.44	
	<b>STRUCTURE 3.2.7b</b>							
	A reinforced concrete test structure, size O.D. 21'-0" x 41'-0" x 11'-6" above grade, with 12" floor and foundation footings 3'-0" below grade, one end wall opening with metal door.	1	each					
			Direct	\$19,279.67				
			Indirect	12,626.94		- 0 -	31,906.61	
	Instrumentation		Direct	4,124.49				
			Indirect	4,020.52		2,136.01	10,281.02	
	Total Structure and Instrumentation		Direct	23,404.16				
			Indirect	16,647.46		2,136.01	42,187.63	

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

100-252-1 3/28/51  
100-252-2 3/28/51  
100-252-3 3/28/51  
100-252-4 3/28/51  
100-262-1 3/28/51

JOB NO. 730.3 - 90

CONTRACT NO. AT-(29-11)-507

LOCATION MUZIN ISLAND - SITE "S"

\*Not for use by A-E

DATE OF THIS REPORT:  
28 March 1951

For: The Complete Construction of Air Force Structure Type C-1.1

Building No.: 3.3.3

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>BUILDING 3.3.3</b>							
	A reinforced concrete, brick and steel structure, three section, size O.D. 120'-8" long x 238'-8" wide, ends open, side walls of brick and concrete blocks, metal window frames and sash, erected on 1'-4 1/2" x 5'-4" depth foundation walls, structural steel roof trusses supported by structural steel columns on concrete piers, built up roof over 2" plank deck and three skylight monitors, sides metal frames and sash and ends covered with corrugated metal. One side wall has structural steel wing wall extensions at each end, size 40'-6 1/2" long x 38'-8" high, the total height of the structure above grade is 52'-4", the covered area is 28,798 square feet.	1	Each					
			Direct	\$216,874.17				
			Indirect	154,790.89		- 0 -	\$371,665.06	
	Piers for Displacement Gages (Dwg. 100-262-1). A reinforced concrete structure with a foundation footing 7'-0" x 9'-6" x 2'-0" thick and a pyramid of a rectangular cross section rising 25'-0" above the footing, total mass 11.4 cubic yards. Location to be shown on site plan.	6	Each	Costs included in Instrumentation				
	Instrumentation		Direct	40,875.21				
			Indirect	38,087.29		\$9,614.61	88,577.11	
	Total Structure and Instrumentation		Direct	257,749.38				
			Indirect	192,878.18		9,614.61	460,242.17	
	Miscellaneous Materials Furnished to Air Force		Direct	4,373.34				
			Indirect	2,617.63		- 0 -	6,990.97	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICESHEET NO. 11 OF 18

## COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

100-257-1 3/28/51  
 100-257-2 3/28/51  
 100-257-3 3/28/51  
 100-262-1 3/28/51  
 FS-601 3/28/51

JOB NO. 730,3 - 9p

CONTRACT NO. AT-(29-1)-507

LOCATION MUZIN ISLAND - SITE "S"

\*Not for use by A-E  
 DATE OF THIS REPORT:  
 28 March 1951

For: The Complete Construction of Air Force Structure Type A-2,1

Building No.: 3.3.4

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>BUILDING NO. 3.3.4</b>							
	A reinforced concrete, brick and steel structure, pre-cast T shape columns, beams, struts and coping, four bents wide, size O.D. 56'-10" x 106'-0" wide, ends open, brick masonry side walls and metal window frames and sash, erected on 1'-4 1/2" x 5'-4" depth foundation walls, laminated wood (2" x 6" finished 5 1/2" thick) deck roof with built up cover, two full length sky light monitors with fixed steel sash, and corrugated metal ends. One side wall has structural steel wing wall extensions at each end, size 20'-6 1/2" long x 19'-6 1/4" high, the total height of the structure above grade is 25'-0", the covered area is 6,024 square feet.	1	Each					
			Direct	\$70,076.36				
			Indirect	59,574.66		- 0 -	\$129,651.02	
	Piers for Displacement Gages (Dwg. 100-262-1). A reinforced concrete structure with a foundation footing 3'-0" x 4'-0" x 9" thick and a pyramid rectangular cross section rising 10'-0" above footing, total mass 1.5 cubic yards. Location to be shown on site plan.	2	Each	Cost included	In Instrumentation			
	Instrumentation		Direct	18,525.38				
			Indirect	17,359.29		\$5,201.42	41,086.09	
	<b>Total Structure and Instrumentation</b>		Direct	88,601.74				
			Indirect	76,933.95		5,201.42	170,737.11	

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

100-253-1 3/28/51  
3E-059 4/19/51

JOB NO. 730,3 - 9q

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "E"

\*Not for use by A-E

DATE OF THIS REPORT:

19 April 1951

For: The Complete Construction of Air Force Structure Type F-2

Building No.: 3.3.5a

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TEST STRUCTURE 3.3.5a</u>							
	A two story brick building, gable roof sheet metal covered, erected on concrete foundation walls 1'-4 1/2" x 5'-1" deep, size 34'-0" x 42'-9", interior brick walls supported by 1'-0" concrete foundation walls, five interior brick masonry fire places, 3" bituminal concrete on sand support sleepers for tongue and groove flooring of the first floor, sand between second floor joist and ceiling joist, metal lath and plaster covered walls and partitions except entrance and stair halls, concrete entrance slab, complete with electrical wiring and fixtures to provide an instrument work shop, the outside dimensions of each floor is 42'-1" x 33'-4" giving a total floor area of 2,800 square feet, 10'-6" ceilings give a cubic content of 29,400 cubic feet.	1	Each					
			Direct	\$56,626.94				
			Indirect	55,298.81		- 0 -	\$111,925.75	
	Instrumentation		Direct	3,849.89				
			Indirect	3,279.43		\$297.69	7,427.01	
	Total Structure and Instrumentation		Direct	60,476.83				
			Indirect	58,578.24		297.69	119,352.76	

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*[Faint, mostly illegible text, possibly a disclaimer or warning note.]*



ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

100-253-1 3/28/51

JOB NO. 730.3 - 9q

CONTRACT NO. AT-129-11-507

LOCATION MOZIN ISLAND - SITE "8"

\*Not for use by A-E

DATE OF THIS REPORT:

28 March 1951

For: The Complete Construction of Air-Force Structure Type F-2

Building No.: 3.3.5b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Unit
	<u>BUILDING NO. 3.3.5b</u>							
	A two story brick building, gable roof sheet metal covered, erected on concrete foundation walls 1'-4 1/2" x 5'-1" deep, size 3/4'-0" x 42'-9", interior brick walls supported by 1'-0" concrete foundation walls, five interior brick masonry fire places, 3" bitumal concrete on sand support sleepers for tongue and groove flooring of the first floor, sand between second floor joist and ceiling joist, metal lath and plaster covered walls and partitions except entrance and stair halls, concrete entrance slab, the outside dimensions of each floor is 42'-1" x 33'-4" giving a total floor area of 2600 square feet, 10'-6" ceilings give a cubic content of 29,400 cubic feet.	1	each	Direct \$53,525.60 Indirect 47,712.79		- 0 -	\$101,238.39	
	Instrumentation			Direct 6,497.93 Indirect 5,677.14		\$527.27	12,702.34	
	Total Structure and Instrumentation			Direct 60,023.53 Indirect 53,389.93		527.27	113,940.73	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 730,3 - 9r

CONTRACT NO. AT-(29-11)-507

LOCATION ENGBEI ISLAND -SITE "B"

\*Not for use by A-E

DATE OF THIS REPORT:

28 March 1951

For: The Complete Construction of Air Force Idealized Models

Building No.: 3,3,8a,b,c,d and e

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>STRUCTURES 3,3,8a,b,c,d and e</b>							
	A structure consisting of prefabricated reinforced concrete wall and roof slabs, walls bolted to anchor plates embedded in a 12" reinforced concrete floor slab, size 18'-10" x 24'-0", with six 3 foot square by 9" thick footings under slab where structural steel columns bear and support the roof slabs, all wall and roof joints are fibreglass sealed, four 3 1/2" extra strong pipe struts join the side walls horizontally, diagonal bracing is provided from each end of the pipes to the center of the floor slab by 1/2" dia. steel rods with turnbuckles, wall and roof sections are 10" thick except rear wall is 8", the structures are similar in size and vary in respect to wall openings. Floor area 0.D. 452 square feet, cubic feet including floor slab 3,692.	5	Each					
	Building 3,3,8a - Structure		Direct	\$11,269.96				
			Indirect	6,685.66		- 0 -	\$17,955.62	
	Instrumentation		Direct	13,319.82				
			Indirect	13,092.57		\$7,118.63	33,531.02	
	Total Structure and Instrumentation		Direct	24,589.78				
			Indirect	19,778.23		7,118.63	51,486.64	
	Building 3,3,8b - Structure		Direct	8,789.18				
			Indirect	5,799.09		- 0 -	14,588.27	
	Instrumentation		Direct	14,799.34				
			Indirect	14,282.50		8,104.90	37,187.74	
	Total Structure and Instrumentation		Direct	23,588.52				
			Indirect	20,081.59		8,105.90	51,776.01	
	Building 3,3,8c - Structure		Direct	8,644.79				
			Indirect	5,605.81		- 0 -	14,250.60	
	Instrumentation		Direct	3,264.13				
			Indirect	3,633.34		1,183.07	8,080.54	
	Total Structure and Instrumentation		Direct	11,908.92				
			Indirect	9,239.15		1,183.07	22,331.14	

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 SANTA FE OPERATIONS OFFICE  
 COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

100-261-1 3/28/51  
 100-261-2 3/28/51  
 FS-499 3/28/51

JOB NO. 730,3 - 9r

CONTRACT NO. AT-(29-1)-507

LOCATION ENGEBI ISLAND - SITE "B"

\*Not for use by AF  
 DATE OF THIS REPORT:  
 28 March 1951

For: The complete construction of Air Force Idealized Models

Building No.: 3,3,8a,b,c,d and e

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<u>STRUCTURES 3,3,8a,b,c,d and e - CONT.</u>							
	A structure consisting of prefabricated reinforced concrete wall and roof slabs walls bolted to anchor plates embedded in a 12" reinforced concrete floor slab, size 18'-10" x 24'-0", with six 3 foot square by 9" thick footings under slab where structural steel columns bear and support the roof slabs, all wall and roof joints are fiberglass sealed, four 3 1/2" extra strong pipe struts join the side walls horizontally, diagonal bracing is provided from each end of the pipes to the center of the floor slab by 1/2" dia. steel rods with turnbuckles, wall and roof sections are 10" thick except rear wall is 8", the structures are similar in size and vary in respect to wall openings. Floor area 0.D. 452 square feet, cubic feet including floor slab 3,692.	5	Each					
	Building 3,3,8d - Structure		Direct	\$ 9,061.33				
			Indirect	6,430.00		- 0 -	\$15,491.33	
	Instrumentation		Direct	13,141.19				
			Indirect	12,727.21		\$7,221.80	33,090.20	
	Total Structure and Instrumentation		Direct	22,202.52				
			Indirect	19,157.21		7,221.80	48,581.53	
	Building 3,3,8e - Structure		Direct	8,706.68				
			Indirect	5,724.58		- 0 -	14,431.26	
	Instrumentation		Direct	2,439.27				
			Indirect	2,645.09		1,043.19	6,127.55	
	Total Structure and Instrumentation		Direct	11,145.95				
			Indirect	8,369.67		1,043.19	20,558.81	

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SANTA FE OPERATIONS OFFICE

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PROPERTY DRAWING NUMBER AND DATE:  
100-261-3 3/28/51

JOB NO. 730,3 - 9r

CONTRACT NO. AT-(29-1)-907

LOCATION ENGEBI ISLAND - SITE "E"

\*Not for use by A-F  
DATE OF THIS REPORT:  
28 March 1951

For: The Complete Construction of Air Force Idealized Model 1/4" Scale  
Building No.: 3,3,8f

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>STRUCTURE 3,3,8f</b>							
	A structure consisting of prefabricated reinforced concrete wall and roof slabs, walls bolted to anchor plates embedded in a 6" reinforced concrete floor slab, size 4'-10" x 6'-0", with six 1 foot square by 3" thick footings under slab where structural steel columns bear and support the roof slabs, all wall and roof joints are fibreglass sealed, four 3/4" std. pipe struts join the side wall horizontally, diagonal bracing is provided from each end of the pipe to the center of the floor slab by 1/4" dia. steel rods with turnbuckles, wall and roof sections are 2 1/2" thick except rear wall is 2", floor area O.D. 29 square feet, cubic feet including floor slab 66.	1	Each					
			Direct	\$4,890.76				
			Indirect	1,686.42		- 0 -	\$6,577.18	
	<b>Instrumentation</b>		Direct	2,518.48				
			Indirect	2,764.42		\$1,024.18	6,307.08	
	<b>Total Structure and Instrumentation</b>		Direct	7,409.24				
			Indirect	4,450.84		1,024.18	12,884.26	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 17 OF 18

SFO-43 a  
(3-50)

ASSEMBLY DRAWING NUMBERS AND DATES:

100-261-1 3/28/51  
100-261-2 3/28/51  
Fs-499 3/28/51

JOB NO. 730.3 - 9r

CONTRACT NO. AT-(29-11)-507

LOCATION MUZIN ISLAND - SITE "S"

\*Not for use by A-E  
DATE OF THIS REPORT:  
28 March 1951

For: The Complete Construction of Air Force Idealized Models

Building No.: 3.3.8g

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>STRUCTURE 3.3.8g</b>							
	A structure consisting of prefabricated reinforced concrete wall and roof slabs, walls bolted to anchor plates embedded in a 12" reinforced concrete floor slab, size 18'-10" x 24'-0", with six 3 foot square by 9" thick footings under slab where structural steel columns bear and support the roof slabs, all wall and roof joints are fibreglass sealed four 3 1/2" extra strong pipe struts join the side walls horizontally, diagonal bracing is provided from each end of the pipes to the center of the floor slab by 1/2" dia. steel rods with turnbuckles, wall and roof sections are 10" thick except rear wall is 8". Floor area O.D. 452 square feet, cubic feet including floor slab 3,692.	1	Each					
			Direct	\$8,712.94				
			Indirect	6,715.12		- 0 -	\$15,428.06	
	Instrumentation		Direct	6,537.58				
			Indirect	6,661.40		\$4,579.53	17,778.51	
	Total Structure and Instrumentation		Direct	15,250.52				
			Indirect	13,376.52		4,579.53	33,206.57	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
28 March 1951

ASSEMBLY DRAWING NUMBERS AND DATES:

- 100-259-1 3/28/51
- 100-259-2 3/28/51
- 100-259-3 3/28/51
- 100-259-4 3/28/51

JOB NO. 730,3 - 9r CONTRACT NO. AT-(29-1)-507

LOCATION MUZIN ISLAND - SITE "S"

For: The Complete Construction of Air Force Structure Type C-1.1

Building No.: 3,3.8h

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<b>STRUCTURE 3,3.8h</b>							
	A reinforced concrete, brick and steel structure, three section, size 30'-2" x 59'-8" wide, ends open, side walls of concrete brick, metal window frames and sash erected on 5" x 5'-0" depth foundation walls, structural steel roof trusses supported by structural steel columns on concrete piers, 1 ply roof covering over 1/2" wood sheath deck and three skylight monitors, sides metal frames and sash, ends covered with corrugated metal. One side wall has structural steel wing wall extensions at each end, size 10'-2 1/2" long x 9'-9 1/2" high, the total height of the structure above grade is 13'-0", the covered area is 1,790 square feet.	1	Each					
			Direct	\$49,047.30				
			Indirect	26,920.43		- 0 -	\$75,967.73	
	Instrumentation		Direct	28,631.86				
			Indirect	27,057.06		\$11,088.93	66,777.85	
	Total Structure and Instrumentation		Direct	77,679.16				
			Indirect	53,977.49		11,088.93	142,745.58	

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**Scientific Structures and  
Special Programs**

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

Sheet No. \_\_\_ of \_\_\_

COMPLETION REPORT FOR

CONTRACT NO. AT-(29-1)-507

\* Not for use by A-E

For: SCIENTIFIC STRUCTURES AND SPECIAL PROGRAMS

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 11 OF 11

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

3E-692.3 2/10/51  
3E-692.3 3/9/51  
3E-692.3 1/27/51

JOB NO. 729 - 16

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT  
9 March 1951

For: The Complete Construction of Tank and Rack in Paved Area

Building No.: Stations 40, 41, and 42

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Unit	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>J-7 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>TANK AND RACK IN PAVED AREA, STATION #40, SITE "B"</u>							
	O.D. 25' x 30', 750 square feet area. Four concrete pier footings each 1'-6" x 1'-6" x 3'. Size of tank O.D. 4'-0" x 6'-2" x 4'-0". Walls and bottom of tank are of 6" reinforced concrete. 12" thick lead brick shield at zero end of tank, with 6" x 12" wing extensions along sides. A fabricated steel cover, size 3'-8" x 5'-10" x 6" thick with lifting hooks is provided for the tank. A 2" diameter standard pipe frame 7'-0" high is mounted on and braced from the concrete pier footings. The surrounding area of 750 square feet is covered with 3" thick macadam.	1	Each					
			Direct	\$1,645.73				
			Indirect	1,573.69		\$33.00	\$3,252.42	
	<u>TANK AND RACK IN PAVED AREA, STATION #41, SITE "S"</u>							
	O.D. 25' x 30', 750 square feet area. Four concrete pier footings each 1'-6" x 1'-6" x 3'. Size of tank O.D. 4'-0" x 6'-2" x 4'-0". Walls and bottom of tank are of 6" reinforced concrete. 12" thick lead brick shield at zero end of tank, with 6" x 12" wing extensions along sides. A fabricated steel cover, size 3'-8" x 5'-10" x 6" thick with lifting hooks is provided for the tank. A 2" diameter standard pipe frame 7'-0" high is mounted on and braced from the concrete pier footings. The surrounding area of 750 square feet is covered with 3" thick macadam.	1	Each					
			Direct	\$1,132.69				
			Indirect	973.60		\$23.43	\$2,129.72	
	<u>TANK AND RACK IN PAVED AREA, STATION #42, SITE "C"</u>							
	O.D. 25' x 30', 750 square feet area. Four concrete pier footings each 1'-6" x 1'-6" x 3'. Size of tank O.D. 4'-0" x 6'-2" x 4'-0". Walls and bottom of tank are of 6" reinforced concrete. 12" thick lead brick shield at zero end of tank, with 6" x 12" wing extensions along sides. A fabricated steel cover, size 3'-8" x 5'-10" x 6" thick with lifting hooks is provided for the tank. A 2" diameter standard pipe frame 7'-0" high is mounted on and braced from the concrete pier footings. The surrounding area of 750 square feet is covered with 3" thick macadam.	1	Each					
			Direct	\$2,485.84				
			Indirect	2,604.03		\$45.56	\$5,074.83	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

2B-5167 - 3/19/51

JOB NO. 729 - 27

CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

19 March 1951

For: The Complete Construction of **Hutment and Compound**

Building No.: 337

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>OSCO AND ESL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></p> <p><u>HUTMENT AND COMPOUND BUILDING AND STATION NO. 337 ON SITE "B"</u></p> <p>The hut a wood frame, shed roof, mineral surface, compo covered, plywood siding, staked to earth, gravel floor, size 10'-2" x 10'-2" x 10'-6" mean height, in the center of a 200'-0" diameter chain link and barbed wire enclosure, complete with electric wiring and fixtures and underground wires to post station outside compound.</p>	1	Each	Direct \$4,017.42 Indirect 3,310.70		\$117.98	\$7,446.10	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

SHEET NO. 3 OFPROPERTY NUMBER AND DATE:  
3E-5660.4 4/2/51

JOB NO. 729 - 27

GENERAL NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 April 1951

For: The Complete Construction of Hemisphere Location

Building No.: Stations 518, 5171, 519, 5141, 5151 and 5161

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Initial Value Gov. Furnished Material	Engineering Cost	Total	Proportion of Charges to Units
	<u>OCSO AND ESL REQUIRED CONSTRUCTION AND LOCATION ON THE FOLLOWING STATIONS:</u>							
	<u>HEMISPHERE LOCATION, STATION 518 and 5171 ON SITE "S"</u>							
	Round hole in the ground, size 4'-0" diameter x 4'-0" deep. Equipment furnished by user and installed by Holmes & Narver.	2	Each					
			Direct	\$ 98.69				
			Indirect	127.61		\$2.76	\$229.06	
	<u>HEMISPHERE LOCATION, STATION 519 ON SITE "W"</u>							
	Round hole in the ground, size 4'-0" diameter x 4'-0" deep. Equipment furnished by user and installed by Holmes & Narver.	1	Each					
			Direct	49.34				
			Indirect	63.80		1.38	114.52	
	<u>HEMISPHERE LOCATION, STATIONS 5141, 5151 and 5161 ON SITE "E"</u>							
	Round hole in the ground, size 4'-0" diameter x 4'-0" deep. Equipment furnished by user and installed by Holmes & Narver.	3	Each					
			Direct	128.25				
			Indirect	165.84		3.58	297.67	

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SEC. 430  
13-501

PROJECT NAME, NUMBER AND DATE

30-676.4 - 3/9/51  
30-651.4 - 3/9/51

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

SHEET NO. 4 OF 4

\*Not for use by A-E  
DATE OF THIS REPORT:

JOB NO. 729-17

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of **Limonite Block**  
Building No.: **Stations 50a, 50b, 50c, and 50d**

9 March 1951

ESTIMATE

DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b>WORKS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
<b><u>LIMONITE BLOCK STATION 50a, SITE "D - V"</u></b>							
A two compartment concrete structure, with top and covers at grade level, size O.D. 11'-0" x 8'-0" x 3'-4" depth, with two wood battery shelters, top at grade level, size I.D. 5'-0" x 2'-0" x 3'-0" depth, complete with 4" conduit connections.							
Limonite concrete	4.2	cu. yds.					
Coral aggregate concrete	1.5	cu. yds.					
<b><u>LIMONITE BLOCK STATIONS 50b, 50c, and 50d, SITE "D - V"</u></b>							
A one compartment concrete structure, with top and cover at grade level, size O.D. 8'-6" x 8'-0" x 3'-4" depth, one wood battery shelter, top at grade level, size I.D. 5'-0" x 2'-0" x 3'-0" depth, complete with 4" conduit connections.							
Limonite concrete	3.3	cu. yds.					
Coral aggregate concrete	1.0	cu. yds.					
<b>TOTAL</b>							
	4	Each					
		Direct	\$5,394.68				
		Indirect	5,165.14		\$156.76	\$10,716.58	
<b><u>LIMONITE BLOCK STATION 50a, SITE "C"</u></b>							
A two compartment concrete structure, with top and covers at grade level, size O.D. 11'-0" x 8'-0" x 3'-4" depth, with two wood battery shelters, top at grade level, size I.D. 5'-0" x 2'-0" x 3'-0" depth, complete with 4" conduit connections.							
Limonite concrete	4.2	cu. yds.					
Coral aggregate concrete	1.5	cu. yds.					

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 5 OF

Not for use by AEC  
DATE OF THIS REPORT:

PROJECT NUMBER: AN-1415

JOB NO. 729 - 17

CONTRACT NO. AT-19-54-1007

LOCATION: ENIWETOK ATOLL

Title: The complete construction of Limonite Block

9 March 1951

Building No.: Stations 50a, 50b, 50c, and 50d

CLASSIFICATION

PROPERTY  
Account  
Number

DESCRIPTION OF PROPERTY UNITS

Quantity

Unit

Unit Cost

Initial Value  
of Furnished  
Material

Engineering  
Cost

Total

Proportion of  
Charges to Units

MBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.

LIMONITE BLOCK STATIONS 50b, 50c, and 50d, SITE "C"

A one compartment concrete structure, with top and cover at grade level, size O.D. 8'-6" x 8'-0" x 3'-4" depth, one wood battery shelter, top at grade level, size I.D. 5'-0" x 2'-0" x 3'-0" depth, complete with 1/2" conduit connections.

Limonite concrete 3.3 cu. yds.  
Coral aggregate concrete 1.0 cu. yds.

TOTAL

3 Each

4 Each

Direct  
Indirect

\$9,080.49  
5,399.50

\$305.40

\$14,785.39

LIMONITE BLOCK STATION 50a, SITE "E"

A two compartment concrete structure, with top and covers at grade level, size O.D. 11'-0" x 8'-0" x 3'-4" depth, with two wood battery shelters, top at grade level, size I.D. 5'-0" x 2'-0" x 3'-0" depth, complete with 1/2" conduit connections.

Limonite concrete 4.2 cu. yds.  
Coral aggregate concrete 1.5 cu. yds.

1 Each

LIMONITE BLOCK STATIONS 50b, 50c, and 50d, SITE "E"

A one compartment concrete structure, with top and cover at grade level, size O.D. 8'-6" x 8'-0" x 3'-4" depth, one wood battery shelter, top at grade level, size I.D. 5'-0" x 2'-0" x 3'-0" depth, complete with 1/2" conduit connections.

Limonite concrete 3.3 cu. yds.  
Coral aggregate concrete 1.0 cu. yds.

TOTAL

3 Each

4 Each

Direct  
Indirect

11,483.18  
6,570.70

387.46

18,441.34

CAUTION

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

SHEET NO. 6 OF 6

Not for use by A-E  
DATE OF THIS REPORT:

PROJECT NUMBER AND DATE:

3E-695.2 - 3/9/51

JOB NO. 729 - 17

CONTRACT NO. AT-129-11-507

For: The complete construction of Limonite Block

9 March 1951

Building No.: Stations 51a, 51b, 51c, and 51d

ESTIMATE

DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Unit Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proportion of Charges to Units
<b>WORKS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
<b><u>LIMONITE BLOCK STATIONS 51a, 51b, 51c, and 51d, SITE "D - V"</u></b>							
A one compartment concrete structure, with top and cover at grade level, size O.D. 8'-6" x 8'-0" x 3'-4" depth, one wood battery shelter, top at grade level, size 5'-0" x 2'-0" x 3'-0" depth, complete with 4" conduit connections.							
Limonite concrete	3.3	cu. yds.					
Coral aggregate concrete	1.0	cu. yds.					
	4	Each					
		Direct	\$3,846.54		\$106.06	\$7,944.04	
		Indirect	3,991.44				
<b><u>LIMONITE BLOCK STATIONS 51a, 51b, 51c, and 51d, SITE "C"</u></b>							
A one compartment concrete structure, with top and cover at grade level, size O.D. 8'-6" x 8'-0" x 3'-4" depth, one wood battery shelter, top at grade level, size 5'-0" x 2'-0" x 3'-0" depth, complete with 4" conduit connections.							
Limonite concrete	3.3	cu. yds.					
Coral aggregate concrete	1.0	cu. yds.					
	4	Each					
		Direct	12,106.60		438.54	17,021.04	
		Indirect	4,475.90				
<b><u>LIMONITE BLOCK STATIONS 51a, 51b, 51c, and 51d, SITE "E"</u></b>							
A one compartment concrete structure, with top and cover at grade level, size O.D. 8'-6" x 8'-0" x 3'-4" depth, one wood battery shelter, top at grade level, size 5'-0" x 2'-0" x 3'-0" depth, complete with 4" conduit connections.							
Limonite concrete	3.3	cu. yds.					
Coral aggregate concrete	1.0	cu. yds.					
	4	Each					
		Direct	5,769.38		196.13	9,111.58	
		Indirect	3,146.07				

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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
20 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 17

CONTRACT NO. AT-129-11-507

LOCATION ENiwETOK ATOLL

For: The Complete Construction of Spatial Block

Building No.: Stations 52 and 53

ESTIMATE

3E-5631.1 - 2/20/51    170-5210 - 2/20/51    170-5210 - 2/20/51  
3E-677.2 - 2/20/51    3E-699.1 - 2/20/51  
3E-678.2 - 2/20/51    3E-5601.1 - 2/20/51  
3E-679.2 - 2/20/51    3E-5602.1 - 2/20/51  
3E-680 - 2/20/51    3E-680 - 2/20/51

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b><u>NEE REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>								
<b><u>SPATIAL BLOCK STATION 52, SITE "C"</u></b>								
	Steel structure filled with concrete and 40 tubes mounted on reinforced concrete base, size O.D. 17'-0" x 58'-0" x 6'-0", and retaining walls.	1	Each					
			Direct	\$86,505.30				
			Indirect	17,700.22		3,256.87	107,462.39	
<b><u>SPATIAL BLOCK STATION 52, SITE "E"</u></b>								
	Steel structure filled with concrete and 40 tubes mounted on reinforced concrete base, size O.D. 17'-0" x 58'-0" x 6'-0", and retaining walls.	1	Each					
			Direct	101,401.39				
			Indirect	19,782.10		3,806.72	124,990.21	
<b><u>SPATIAL BLOCK STATION 53, SITE "C"</u></b>								
	Steel structure filled with concrete and 20 tubes mounted on reinforced concrete base, size O.D. 12'-0" x 35'-0" x 5'-0", and retaining walls.	1	Each					
			Direct	25,710.76				
			Indirect	8,933.06		921.60	35,595.22	
<b><u>SPATIAL BLOCK STATION 53, SITE "E"</u></b>								
	Steel structure filled with concrete and 20 tubes mounted on reinforced concrete base, size O.D. 12'-0" x 35'-0" x 5'-0", and retaining walls.	1	Each					
			Direct	30,169.63				
			Indirect	8,632.60		1,098.68	39,900.91	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

A-1-BUILD DRAWING NUMBER AND DATE:

JOB NO. 729 - 17

CONTRACT NO. AT-(29-1)-507

LOCATION ENiwETOK ATOLL

20 February 1951

- 3C-5603.1 - 2/20/51
- 3C-5604 - 2/20/51
- 3E-666.7 - 2/20/51
- 3E-055-2 - 2/20/51
- 3C-5416 - 2/20/51

For: The Complete Construction of Spectrometer Shelter  
Building No.: Station 54

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>NBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>SPECTROMETER SHELTER STATION 54, SITE "C"</u></b>							
	A reinforced concrete structure, size O.D. 15'-6" x 30'-0" x 13'-6" and vestibule 4'-0" below grade; entrance tunnel of wood frame earth covered 26'-3" long ends at a slope out and ramp to grade. The 6'-0" thick limonite rear wall contains eight imbedded collimator tubes. The structure contains 1 1/4 cubic yards of limonite concrete and 6 1/4 cubic yards of coral aggregate concrete, electric wiring and fixtures, and a ventilation system. The installed equipment includes exhaust and blower fans.	1	Each					
			Direct	\$70,549.73				
			Indirect	27,869.61		\$2,524.34	\$100,943.68	
	<b><u>SPECTROMETER SHELTER STATION 54, SITE "E"</u></b>							
	A reinforced concrete structure, size O.D. 15'-6" x 30'-0" x 13'-6" and vestibule 4'-0" below grade; entrance tunnel of wood frame earth covered 26'-3" long ends at a slope out and ramp to grade. The 6'-0" thick limonite rear wall contains eight imbedded collimator tubes. The structure contains 1 3/4 cubic yards of limonite concrete and 6 1/4 cubic yards of coral aggregate concrete, electric wiring and fixtures and a ventilation system. Installed equipment includes exhaust and blower fans.	1	Each					
			Direct	62,854.19				
			Indirect	26,212.45		2,210.92	91,277.56	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBER AND DATE:

JOB NO. 729 - 17

CONTRACT NO. AT-129-17-507

LOCATION ENiwETOK ATOLL

For: The complete construction of Recorder Station  
Building No.: Station No. 55

15 February 1951

20-634.2 - 2/15/51  
30-5407 - 2/15/51  
30-047.1 - 2/15/51

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Estimated Value of Furnished Material	Engineering Cost	Total	Allocation of Charges to Units
	<u>NBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>RECORDER STATION 55, SITE "E"</u>							
	Reinforced concrete structure, rectangular shape, O.D. 13'-6" x 30'-11" x 8'-5". Floor area 403 square feet; I.D. cubic content 2,041 cubic feet. Explosion proof door - interior T slot inserts. Ventilation, electric, and telephone. Installed equipment includes a blower fan.	1	Each					
			Direct	\$12,228.57				
			Indirect	9,774.49		\$378.53	\$22,381.59	
	<u>RECORDER STATION 55, SITE "C"</u>							
	Reinforced concrete structure, rectangular shape, O.D. 13'-6" x 30'-11" x 8'-5". Floor area 403 square feet; I.D. cubic content 2,041 cubic feet. Explosion proof door - interior T slot inserts. Ventilation, electric, and telephone. Installed equipment includes a blower fan.	1	Each					
			Direct	10,128.26				
			Indirect	10,099.31		291.84	20,519.41	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION: ENIWETOK ATOLL

SHEET NO. 10 OF

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

729 - 17

CONTRACT NO. AT-129-17-507

Title: The complete construction of Recording Building

Building No.: Station No. 56

3V-655.2 3/9/51  
3D-053 3/9/51  
3D-5414 3/9/51

ESTIMATE

NBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATION:

RECORDING BUILDING, STATION #56, SITE "D-V"

A reinforced concrete structure, floor level with grade, size O.D. 15'-0" x 13'-6" x 8'-5" high including an 8" floor slab, foundation footings, walls and roof 1'-3" thick, complete with electric wiring and fixtures, telephone installation, ventilation, and inside and outside explosion proof doors. Installed equipment includes: One fan.

DESCRIPTION OF PROPERTY UNIT	Quantity	Unit	Construction Contract Cost	Build. value exp. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<p>1</p> <p>Each Direct Indirect</p>	1	Each	\$6,636.07 5,402.02		\$200.55	\$12,238.64	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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LOCATION: ENIWETOK ATOLL

\*Not for use by AEC  
DATE OF THIS REPORT: 20 February 1951

PROPERTY NUMBER	DATE	PROPERTY NUMBER	DATE
3C-5605.1	2/20/51	3E-664.5	2/15/51
3E-666.7	2/20/51	3E-665.1	2/15/51
3C-5606	2/20/51		
3E-055-2	2/20/51		
3C-5416	2/20/51		

JOB NO. 729 - 17

TRACT NO. A-100000000

Title: The complete construction of Spectrometer Shelter

Building No.: Station No. 57

UNIT ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Estimated Unit Cost	Estimated Value of Materials	Estimated Total Cost	Total	Location of Property Unit
<b><u>NBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>								
<b><u>SPECTROMETER SHELTER, STATION #57, SITE "C"</u></b>								
	A reinforced concrete structure size O.D. 14'-6" x 28'-0" x 12'-6" and vestibule 4'-0" below grade, entrance tunnel of wood frame earth covered 26'-3" long ends at a slope cut and ramp to grade. The 5'-0" thick limonite rear wall contains eight imbedded collimator tubes. The structure contains 107 cubic yards of limonite concrete and 56 cubic yards of coral aggregate concrete; electric wiring and fixtures, and a ventilation system. The installed equipment includes: Exhauster and blower fans.	1	Each	\$59,369.28		\$2,068.20	\$87,718.47	
			Direct	26,280.99				
			Indirect					
<b><u>SPECTROMETER SHELTER, STATION #57, SITE "E"</u></b>								
	A reinforced concrete structure size O.D. 14'-6" x 28'-0" x 12'-6" and vestibule 4'-0" below grade, entrance tunnel of wood frame earth covered 26'-3" long ends at a slope cut and ramp to grade. The 5'-0" thick limonite rear wall contains eight imbedded collimator tubes. The structure contains 107 cubic yards of limonite concrete and 56 cubic yards of coral aggregate concrete; electric wiring and fixtures, and a ventilation system. The installed equipment includes: Exhauster and blower fans.	1	Each	\$50,621.14		\$1,737.59	\$75,253.73	
			Direct	22,895.00				
			Indirect					

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

10 February 1951

AS-BUILT DRAWING NUMBER AND DATE:

30-5137 2/10/51

JOB NO. 729 - 17

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Wood Buildings

Building No.: Station No. 591a and b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>MBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>								
<u>WOOD BUILDING, STATION #591a and b, SITE "C"</u>								
One story wood frame building, 1/2" plywood paneling interior and exterior. Building on 5" thick concrete slab with continuous footing around. Slab O.D. 6'-8" x 10'-8". Slab area 72 square feet. Cubic content of 530 cubic feet. Two built-in work benches, 5'-11" x 2'-6" (one each end). Slate surface cap sheet for roof. Electrical wiring for power and lights. Screen venting.		2	Each	\$2,232.92		\$66.28	\$4,222.76	
			Direct	1,923.56				
			Indirect					
<u>WOOD BUILDING, STATION #591a and b, SITE "E"</u>								
One story wood frame building, 1/2" plywood paneling interior and exterior. Building on a 5" thick concrete slab with continuous footing around. Slab O.D. 6'-8" x 10'-8". Slab area 72 square feet. Cubic content of 530 cubic feet. Two built-in benches, 5'-11" x 2'-6" (one each end). Slate surface cap sheet for roof. Electrical wiring for power and lights. Screen venting.		2	Each	\$2,096.25		\$63.48	\$3,880.77	
			Direct	1,720.04				
			Indirect					

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

SHEET NO. 13 OF

AS-BUILT DRAWING NUMBER AND DATE:

30-5136 3/9/51

JOB NO. 729 - 17

CONTRACT NO. AI-129-11-507

\*Not for use by A-E

DATE OF THIS REPORT:

9 March 1951

For: The complete construction of Wood Battery Console and Tents

Building No.: Stations No. 593a, b, c, and 592a thru e

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>NBS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>TENTS, STATION #592a thru e, SITE "C"</u>							
	A four man tent with wood frame and wood floor, size O.D. 14'-2" x 14'-4", floor area O.D. 208 square feet.	5	Each					
			Direct	\$2,064.08				
			Indirect	1,272.25		\$69.85	\$3,406.18	
	<u>TENTS, STATION #592 a thru e, SITE "E"</u>							
	A four man tent with wood frame and wood floor, size O.D. 14'-2" x 14'-4", floor area O.D. 208 square feet.	5	Each					
			Direct	\$1,102.82				
			Indirect	699.72		\$37.12	\$1,839.66	
	<u>WOOD CONSOLE BATTERY, STATION #593a, b, c, SITE "C"</u>							
	A wood structure, size I.D. 5'-6" x 14'-0" x 2'-6", set on a 5" thick concrete slab 6'-3 1/4" x 14'-9 1/4"; conduit.	3	Each					
			Direct	\$2,687.16				
			Indirect	1,976.05		\$86.99	\$4,750.20	
	<u>WOOD BATTERY CONSOLE, STATION #593a,b,c, SITE "E"</u>							
	A wood structure, size I.D. 5'-6" x 14'-0" x 2'-6", set on a 5" thick concrete slab 6'-3 1/4" x 14'-9 1/4"; conduit.	3	Each					
			Direct	\$2,025.64				
			Indirect	1,772.44		\$59.42	\$3,857.50	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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LOCATION Eniwetok Atoll

SHEET NO. 14 OF

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DATE OF THIS REPORT:

AN-1011 (DRAWING NUMBER AND DATE):

JOB NO. 729 - 21

CONTRACT NO. LAI-(29-11-507)

For: The Complete Construction of Slabs - Mouse Exposure

9 March 1951

3E-5619 - 3/9/51  
2G-5619 - 2/10/51

Building No.: 70a thru n & p thru s  
71a thru d

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>LD 50 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>SLABS - MOUSE EXPOSURE CYLINDER STATIONS 70a THRU n AND 70p THRU s ON SITE "D-V"</u>							
	12" thick reinforced concrete slab, 8'-0" x 10'-0". (3 cubic yards)	25	Each					
			Direct	\$5,869.56				
			Indirect	5,414.68		\$ 205.98	\$11,490.22	
	<u>SLABS - MOUSE EXPOSURE CYLINDER STATIONS 71a THRU d ON SITE "D-V"</u>							
	12" thick reinforced concrete slab, 8'-0" x 10'-0". (3 cubic yards)	4	Each					
			Direct	1,926.13				
			Indirect	2,087.63		65.28	4,079.04	
	<u>SLABS - MOUSE EXPOSURE CYLINDER STATIONS 70a THRU w ON SITE "E"</u>							
	12" thick reinforced concrete slab, 8'-0" x 10'-0". (3 cubic yards)	23	Each					
			Direct	7,598.01				
			Indirect	7,245.93		263.84	15,107.78	
	<u>SLABS - MOUSE EXPOSURE CYLINDER STATIONS 71a THRU g ON SITE "E"</u>							
	12" thick reinforced concrete slab, 8'-0" x 10'-0". (3 cubic yards)	7	Each					
			Direct	1,138.56				
			Indirect	944.32		32.68	2,115.56	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
10 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

SE-5616 - 2/10/51

JOB NO. 729 - 21

CONTRACT NO. AT-129-11-507

LOCATION Eniwetok Atoll

For: The complete construction of Slabs - Pig & Dog Cylinder

Building No.: 72a thru h  
72i

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. value Gov. Furnished Material	Engineering cost	Total	*Proportion of Charges to Units
	<b>LD 50 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
	<b>SLABS - PIG &amp; DOG CYLINDER STATIONS 72a THRU h ON SITE "E"</b>							
	12" thick reinforced concrete slabs, 10'-0" x 13'-0", nine units per station.	8	Each					
			Direct	\$38,883.44				
			Indirect	34,841.96		\$1,160.45	\$74,885.85	
	<b>SLABS - PIG &amp; DOG CYLINDER STATIONS 72i ON SITE "E"</b>							
	12" thick reinforced concrete slabs, 10'-0" x 13'-0", eight units per station.	1	Each					
			Direct	9,996.79				
			Indirect	8,957.74		298.35	19,252.88	

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SHEET NO. 16 OF 16

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DATE OF THIS REPORT:

2 April 1951

A. SHEET DRAWING NUMBER AND DATE:

3E-5619 - 3/9/51  
2G-5619 - 2/10/51  
3E-5616 - 2/10/51  
30-5665.1 - 4/2/51  
30-5663 - 4/2/51

JOB NO. 729 - 21

CONTRACT NO. AT-(29-1)-507

LOCATION Eniwetok Atoll

For: The complete construction of Neutron Hemisphere

Building No.: Stations 73a thru h, 74a thru h

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Inv. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>LD 50 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>NEUTRON HEMISPHERE STATIONS 73a THRU h, SITE "C"</u>							
	Accurately located hole in the ground, 4'-0" diameter x 4'-0" deep. Hemisphere and pipe support to be furnished by User and set by Holmes & Narver.	8	Each					
			Direct	\$321.45				
			Indirect	384.20		\$10.88	\$716.53	
	<u>NEUTRON HEMISPHERE STATIONS 73a THRU h, SITE "DV"</u>							
	Round hole in ground 4'-0" diameter x 4'-0" deep. Equipment furnished by User and installed by Holmes & Narver.	8	Each					
			Direct	\$321.46				
			Indirect	384.24		\$10.93	\$716.63	
	<u>NEUTRON HEMISPHERE STATIONS 73a THRU h, SITE "E"</u>							
	Round hole in ground, size 4'-0" diameter x 4'-0" deep. Equipment furnished by User and installed by Holmes & Narver.	8	Each					
			Direct	\$321.44				
			Indirect	384.16		\$10.88	\$716.48	

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT: 2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 789 - 21

CONTRACT NO. AT-(29-1)-507

LOCATION Eniwetok Atoll

For: The Complete Construction of Neutron Hemisphere

Building No.: Stations 73a thru h, 74a thru h

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proportion of Charges to Units
	<u>LD 50 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
	<u>NEUTRON HEMISPHERE STATIONS 74a THRU h, SITE "D-V"</u>							
	Round hole in ground 4'-0" dia. x 4'-0" deep. Equipment furnished by user and installed by Holmes & Narver.	8	Each					
			Direct	\$321.47				
			Indirect	384.24		\$10.93	\$716.64	
	<u>NEUTRON HEMISPHERE STATIONS 74a THRU h, SITE "E"</u>							
	Round hole in ground, size 4'-0" dia. x 4'-0" deep. Equipment furnished by user and installed by Holmes and Narver	8	Each					
			Direct	\$321.44				
			Indirect	384.16		\$10.88	\$716.48	
	<u>NEUTRON HEMISPHERE STATIONS 74a THRU h, SITE "C"</u>							
	Accurately located hole in the ground, 4'-0" diameter x 4'-0" deep. Hemisphere and pipe support to be furnished by user and set by Holmes & Narver.	8	Each					
			Direct	\$321.44				
			Indirect	384.16		\$10.88	\$716.48	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

2 April 1951

A-1-BB-11 DRAWING NUMBERS AND DATES:

3H-603	4/2/51	3H-625.1	4/2/51
3H-604	4/2/51	3H-435	4/2/51
3H-605	4/2/51	3H-436	4/2/51
3H-610.2	4/2/51	3H-370.2	4/2/51
3H-5442	4/2/51	3H-5649	4/2/51
3H-5443	4/2/51	3H-5650	4/2/51

JOB NO. 729-18

CONTRACT NO. AT-(29-11-507)

LOCATION ENIWETOK ATOLL

For: The Complete Construction of 75 Foot Towers

Building No.: Stations 60 and 62

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>EGG REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>75 FOOT TOWER. STATION NO. 60 ON SITE "M"</u>							
	A steel tower, 4 legs, horizontally and vertically cross-braced, size O.D. 14'-3" x 14'-3" x 75'-0" high, erected on 4 reinforced concrete foundations and bases connected by reinforced concrete tie beams. Eight 1 1/4" galv. steel cable guy wires with reinforced concrete guy anchors. Tower topped with wood deck upon which is mounted a prefabricated aluminum panel cab, size 14'-3" x 14'-3" x 7'-0" high. A six flight checkered plate stairway, 2'-0" wide, with hand-rail, extends from ground to a landing platform at top of tower. A dumb-waiter is installed, on outside of tower, to operate from concrete pit at base of tower to cab floor. An electric winch, set on concrete base near tower, operates the dumb-waiter with a 3/8" wire rope. Complete with electric wiring and fixtures including signal lights, obstruction lights, grounding, lightning rod, and telephone and signal cables. The installed equipment includes one hoist.	1	Each					
			Direct	\$2,136.39				
			Indirect	2,317.06		\$ 52.30	\$4,505.75	
	<u>75 FOOT TOWERS. STATIONS NO. 60 AND 62 ON SITE "N"</u>							
	A steel tower, 4 legs horizontally and vertically cross braced, size O.D. 14'-3" x 14'-3" x 75'-0" high, erected on 4 reinforced concrete foundations and bases connected by reinforced concrete tie beams. Eight 1 1/4" galv. steel cable guy wires with reinforced concrete guy anchors. Tower topped with wood deck upon which is mounted a prefabricated aluminum panel cab, size 14'-3" x 14'-3" x 7'-0" high. A six flight, checkered plate, stairway, 2'-0" wide, with hand-rail, extends from ground to a landing platform at top of tower. A dumb-waiter is installed, on outside of tower, to operate from concrete pit at base of tower to cab floor. An electric winch, set on concrete base near tower, operates the dumb-waiter with a 3/8" wire rope. Complete with electric wiring and fixtures including signal lights, obstruction lights, grounding, lightning rod and telephone and signal cables. The installed equipment includes one hoist.	2	Each					
			Direct	12,781.41				
			Indirect	9,630.73		340.06	22,752.20	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 19 OF

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DATE OF THIS REPORT:  
2 April 1951

FORM 430  
(1-50)

PROJECT: SANTA FE OPERATIONS OFFICE

JOB NO. 729-18

REPORT NO. A1049-112-501

LOCATION: ENIWETOK ATOLL

FOR THE COMPLETE CONSTRUCTION OF 75 FOOT TOWERS

Stationing No.: Stations 60 and 62

LEGIMATE

DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Estimated Contract Cost	Estimated Value of Materials Furnished	Engineering Cost	Total	Allocation of Charges to Units
<u>WORK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS CONT.</u>							
<u>75 FOOT TOWER, STATION NO. 60 ON SITE "P"</u>							
A steel tower, 4 legs horizontally and vertically cross braced, size O.D. 14'-3" x 14'-3" x 75'-0" high, erected on 4 reinforced concrete foundations and bases connected by reinforced concrete tie beams. Eight 1 1/4" galv. steel cable guy wires with reinforced concrete guy anchors. Tower topped with wood deck upon which is mounted a prefabricated aluminum panel cab, size 14'-3" x 14'-3" x 7'-0" high. A six flight, checkered plate, stairway, 2'-0" wide, with hand-rail, extends from ground to a landing platform at top of tower. A dumb-waiter is installed, on outside of tower, to operate from concrete pit at base of tower to cab floor. An electric winch, set on concrete base near tower, operates the dumb-waiter with a 3/4" wire rope. Complete with electric wiring and fixtures including signal lights, obstruction lights, grounding, lightning rod and telephone and signal cables. The installed equipment includes one hoist.	1	Each					
		Direct	\$6,246.40				
		Indirect	6,368.13		\$144.21	\$12,758.74	
<u>75 FOOT TOWERS, STATIONS NO. 60 AND 62 ON SITE "Q"</u>							
A steel tower, 4 legs horizontally and vertically cross braced, size O.D. 14'-3" x 14'-3" x 75'-0" high, erected on 4 reinforced concrete foundations and bases connected by reinforced concrete tie beams. Eight 1 1/4" galv. steel cable guy wires with reinforced concrete guy anchors. Tower topped with wood deck upon which is mounted a prefabricated aluminum panel cab, size 14'-3" x 14'-3" x 7'-0" high. A six flight, checkered plate, stairway, 2'-0" wide, with hand-rail, extends from ground to a landing platform at top of tower. A dumb-waiter is installed, on outside of tower, to operate from concrete pit at base of tower to cab floor. An electric winch, set on concrete base near tower, operates the dumb-waiter with a 3/4" wire rope. Complete with electric wiring and fixtures including signal lights, obstruction lights, grounding, lightning rod and telephone and signal cables. The installed equipment includes one hoist.	2	Each					
		Direct	4,895.66				
		Indirect	4,127.92		119.72	9,143.30	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E

DATE OF THIS REPORT:

9 March 1951

A-1000 (DRAWING NUMBER AND DATE)

FOR NO. 729-18

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Battery Huts

Building No.: STATIONS 61 and 63

2P-629.1 - 3/9/51  
3P-050 - 3/9/51

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>REG. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>BATTERY HUT, STATION NO. 61 ON SITE "M"</u>							
	A one story wood frame, flat roof with 2" slope from center, aluminum covered roof and sides, size O.D. 7'-3" x 9'-3" x 8'-0 1/2" high, erected on 10" joist and 2" flooring bolted to the 75' tower at the 12'-6" level.	1	each	Direct \$8,994.96 Indirect 5,448.91		\$267.54	\$14,711.41	
	<u>BATTERY HUTS, STATIONS 61 AND 63 ON SITE "N"</u>							
	A one story wood frame aluminum sheathed - walls and roof - building erected on a concrete foundation floor slab 7'-3" x 9'-3" x 12" thick with 10" thick entrance slab, flat roof with 2" slope from center, 7'-1" floor to ceiling, finished floor 4" above grade, complete with electric wiring and fixtures.	2	each	Direct 9,459.37 Indirect 7,250.05		263.53	16,972.95	
	<u>BATTERY HUT, STATION NO. 61 ON SITE "P"</u>							
	A one story wood frame aluminum sheathed - walls and roof - building erected on a concrete foundation floor slab 7'-3" x 9'-3" x 12" thick with 10" thick entrance slab, flat roof with 2" slope from center, 7'-1" floor to ceiling, finished floor 4" above grade, complete with electric wiring and fixtures.	1	each	Direct 4,355.74 Indirect 3,790.09		116.34	8,262.17	
	<u>BATTERY HUTS, STATIONS NO. 61 AND 63 ON SITE "Q"</u>							
	A one story wood frame aluminum sheathed - walls and roof - building erected on a concrete foundation floor slab 7'-3" x 9'-3" x 12" thick with 10" thick entrance slab, flat roof with 2" slope from center, 7'-1" floor to ceiling, finished floor 4" above grade, complete with electric wiring and fixtures.	2	each	Direct 10,934.38 Indirect 7,785.86		312.44	19,032.68	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWEOTOK ATOLL

SHEET NO. 21 OF

\*Not for use by A-E  
DATE OF THIS REPORT: 9 March 1951

PROPERTY ACCOUNT NUMBER

JOB NO. 729-18

CONTRACT NO. AT-129-11-507

LOCATION ENIWEOTOK ATOLL

3N-5620.1 - 3/9/51  
3P-069 - 3/9/51

Title: The Complete Construction of Power Shack

Building No.: Station 64

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>WORK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>POWER SHACK, STATION NO. 64 ON SITE "N"</u>							
	A one story wood frame, flat roof sheet aluminum covered, walls corrugated aluminum covered, erected on a 6" concrete finished floor foundation with footings, size 15'-4" x 16'-4" with an ell, size 7'-4" x 2'-6 1/2", complete with electric wiring and fixtures and telephone installation.	1	Each					
	Installed equipment includes two generators.							
			Direct	\$6,133.48		\$163.27	\$11,569.91	
			Indirect	5,273.16				
	<u>POWER SHACK, STATION NO. 64 ON SITE "P"</u>							
	A one story wood frame, flat roof sheet aluminum covered, walls corrugated aluminum covered, erected on a 6" concrete finished floor foundation with footings, size 15'-4" x 16'-4" with an ell, size 7'-4" x 2'-6 1/2", complete with electric wiring and fixtures and telephone installation.	1	Each					
	Installed equipment includes two generators.							
			Direct	6,588.63		175.43	12,421.07	
			Indirect	5,657.01				
	<u>POWER SHACK, STATION NO. 64 ON SITE "Q"</u>							
	A one story wood frame, flat roof sheet aluminum covered, walls corrugated aluminum covered, erected on a 6" concrete finished floor foundation with footings, size 15'-4" x 16'-4" with an ell, size 7'-4" x 2'-6 1/2", complete with electric wiring and fixtures and telephone installation.	1	Each					
	Installed equipment includes two generators.							
			Direct	6,880.77		187.93	12,388.98	
			Indirect	5,320.28				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
9 June 1951

APPROVED DRAWING NUMBER AND DATE:

JOB NO. 729-18

CONTRACT NO. AT-129-11-507

LOCATION ENWETOK ATOM

For: The complete construction of Miscellaneous Structures  
Building No.: Stations 65, 66 and 68

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value of Material Furnished	Engineering Cost	Total	*Proration of Charges to Units
<u>EGG REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>								
	<u>STATION NO. 68 ON SITE "E"</u>							
	Rack in Zero tower cab.	1	Each					
			Direct	\$28.88				
			Indirect	32.25		.70	\$61.83	
	<u>STATION NO. 68 ON SITE "C"</u>							
	Rack in Zero tower cab.	1	Each					
			Direct	28.87				
			Indirect	32.25		.70	61.82	
	<u>STATION NO. 68 ON SITE "D"</u>							
	Rack in Zero tower cab.	1	Each					
			Direct	28.87				
			Indirect	32.25		.69	61.81	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

FS 511 6/9/51

JOB NO. 729-18

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:  
9 June 1951

For: The Complete Construction of Miscellaneous Structures

Building No.: Stations 65, 66 and 68

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<u>EGG REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							<p><b>CAUTION</b></p> <p>Illustration of the above information is for informational purposes only and does not constitute a contract. The actual construction shall be in accordance with the approved drawings and specifications. The Government is not responsible for the accuracy of the information herein.</p>
	<u>STATION NO. 65 ON SITE "N"</u>							
	Tent - 4 man storage.	1	Each					
			Direct	\$388.29				
			Indirect	262.23		\$11.25	\$661.77	
	<u>STATION NO. 65 ON SITE "P"</u>							
	Tent - 4 man storage.	1	Each					
			Direct	312.81				
			Indirect	349.40		7.55	69.76	
	<u>STATION NO. 65 ON SITE "Q"</u>							
	Tent - 4 man storage.	1	Each					
			Direct	547.91				
			Indirect	611.99		13.22	1,173.12	
	<u>STATION NO. 66 ON SITE "N"</u>							
	Paving Mat.	1	Each					
			Direct	9,588.61				
			Indirect	3,946.45		126.67	13,661.73	
	<u>STATION NO. 66 ON SITE "P"</u>							
	Paving Mat.	1	Each					
			Direct	2,760.44				
			Indirect	1,099.81		66.12	3,926.37	
	<u>STATION NO. 66 ON SITE "Q"</u>							
	Paving Mat.	1	Each					
			Direct	1,484.84				
			Indirect	1,557.55		33.64	3,076.03	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

SHEET NO. 24 OF  
\*Not for use by A-1  
DATE OF THIS REPORT:  
9 March 1951

A - SHEET DRAWING NUMBER AND DATE:

2G-622.4 - 1/31/51; 2G-622.4 - 3/9/51; 2G-622-4 - 2/21/51  
2G-366 - 1/31/51; 2G-366-1 - 3/9/51; 2G-366-2 - 2/21/51  
2G-475 - 1/31/51; 2G-475 - 3/9/51; 2G-475 - 2/21/51

JOB NO. 729-18

CONTRACT NO. AT-129-11-507

For: The Complete Construction of Signal Communication Building  
Building No.: Station No. 69

ESTIMATE

Property, Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BUG REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>SIGNAL COMMUNICATION BUILDING, STATION NO. 69 ON SITE "C"</u>							
	A reinforced concrete structure, size O.D. 17'-0" x 10'-0" x 10'-0" high including walls, roof and floor 1'-0" thick, with two sloping wing walls each 1'-0" thick x 18'-0" long set 30° from side walls, three sides and roof 2'-0" compacted earth backfill, two inside partition walls, inside and outside entrance doors explosion proof, complete with electric wiring and fixtures, telephone terminal cabinet and distribution frame, work benches, battery closet, and ventilating system.	1	Each					
	Installed equipment includes fan and switchboard.			Direct \$36,182.94 Indirect 24,954.64		\$999.29	\$62,136.87	
	<u>SIGNAL COMMUNICATION BUILDING, STATION NO. 69 ON SITE "D-V"</u>							
	A reinforced concrete structure, size O.D. 17'-0" x 10'-0" x 10'-0" high including walls, roof and floor 1'-0" thick, with two sloping wing walls each 1'-0" thick x 18'-0" long set 30° from side walls, three sides and roof 2'-0" compacted earth backfill, two inside partition walls, inside and outside entrance doors explosion proof, complete with electric wiring and fixtures, telephone terminal cabinet and distribution frame, work benches, battery closet, and ventilating system.	1	Each					
	Installed equipment includes fan and switchboard.			Direct 24,003.81 Indirect 19,595.50		587.90	44,187.21	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBER, AND DATES:

JOB NO. 729-18

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Signal Communication Building

Building No.: Station No. 69

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>REQ. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
	<u>SIGNAL COMMUNICATION BUILDING, STATION NO. 69 ON SITE "E"</u>							
	A reinforced concrete structure, size O.D. 17'-0" x 10'-0" x 10'-0" high including walls, roof and floor 1'-0" thick, with two sloping wing walls each 1'-0" thick x 18'-0" long set 30° from side walls, three sides and roof 2'-0" compacted earth backfill, two inside partition walls, inside and outside entrance doors explosion proof, complete with electric wiring and fixtures, telephone terminal cabinet and distribution frame, work benches, battery closet, and ventilating system.							
	Installed equipment includes one fan.							
		1	Each Direct Indirect	\$39,250.64 27,020.83		\$1,072.73	\$67,344.20	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:

A - SHEET (DRAWING NUMBER AND DATE):

JOB NO. 729-18

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of 30' WOOD POLES

Building No.: Stations 161 through 181

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost		Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
				Direct	Indirect				
<u>WOG REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>									
	<u>30' WOOD POLES, STATIONS NO. 175 - 181 INCL. ON SITE "C"</u>	7	Each						
			Direct	\$1,016.38					
			Indirect	481.05			\$33.92	\$1,531.35	
	<u>30' WOOD POLES, STATIONS NO. 167 - 174 INCL. ON SITE "D"</u>	8	Each						
			Direct	917.17					
			Indirect	695.43			38.76	1,651.36	
	<u>30' WOOD POLES, STATIONS NO. 161 - 166 INCL. ON SITE "E"</u>	6	Each						
			Direct	2,087.18					
			Indirect	2,044.91			29.07	4,161.16	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

3A-5162 - 4/2/51  
F. S. 494 - 4/2/51

JOB NO. 729-18

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Structural Steel Camera Support and Photo Huts

Building No.: Stations 183, 184, 190, 191, and 192

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>EGG REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>STRUCTURAL STEEL CAMERA SUPPORTS, STATIONS NO. 183 AND 184 ON SITE "C"</u>							
	A welded and bolted steel structure, size O.D. 6'-0" x 6'-0" x 6'-0 3/4 high, painted.	2	Each					
			Direct	\$755.98				
			Indirect	844.42		-0-	\$1,600.40	
	<u>PHOTO HUTS, STATIONS NO. 190 AND 191 ON SITE "A"</u>							
	A one story, shed roof, wood and corrugated aluminum building, size O.D. 8'-0" x 9'-0" x 8'-6" mean height, set on 5" concrete slab. Open front; mineral surface roofing. Complete with electric wiring and fixtures. Floor area O.D. 72 sq. ft.	2	Each					
			Direct	1,434.31				
			Indirect	1,367.37		\$37.18	2,838.86	
	<u>PHOTO HUT, STATION NO. 192 ON SITE "X"</u>							
	A one story, shed roof, wood and corrugated aluminum building, size O.D. 8'-0" x 9'-0" x 8'-6" mean height, set on 5" concrete slab. Open front; mineral surface roofing. Complete with electric wiring and fixtures. Floor area O.D. 72 square feet.	1	Each					
			Direct	717.15				
			Indirect	683.69		18.59	1,419.43	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



SHEET NO. 28 OF

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DATE OF THIS REPORT:

15 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

3E-5617 - 2/15/51  
3E-5612 - 2/10/51

JOB NO. 729 - 23

CONTRACT NO. AT-129-11-507

LOCATION ENINETOK ATOLL

For: The Complete Construction of Pig and Dog Cylinders, Heavy Dose Exposure Chambers, and Neutron Hemisphere Locations.  
Building No.: STATIONS 83a and b, 84a Thru f, 85a Thru f.

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>MD REQUIRED CONSTRUCTION AND LOCATIONS OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>PIG AND DOG CYLINDER STATIONS 83a and b, ON SITE "E"</u></b>							
	A station consists of 12 reinforced concrete slabs; accurately located, size 13'-0" x 10'-0" x 1'-0" thick, top surface one inch above grade, for mounting cylinders furnished by others, total concrete for station 58 cubic yards.	2	each					
			Direct	\$9,373.37				
			Indirect	7,965.96		\$366.89	\$17,706.22	
	<b><u>HEAVY DOSE EXPOSURE CHAMBER STATIONS 84a Thru f, ON SITE "E"</u></b>							
	A concrete slab accurately located, size 1'-6" x 5'-0" x 1'-0" level with and below grade. Below surface and protruding 6" from one end of the slab, there is a 4" dia. I.P.S. aluminum alloy pipe capped both ends with standard iron pipe caps.	6	each					
			Direct	\$678.76		26.23	1,124.71	
			Indirect	419.72				
	<b><u>NEUTRON HEMISPHERE LOCATIONS, STATIONS 85a Thru f, ON SITE "E"</u></b>							
	Round hole in ground 4'-0" dia. x 4'-0" deep. Equipment furnished by User and installed by H. & E.	6	each					
			Direct	602.98		21.51	1,408.33	
			Indirect	783.84				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION **ENIWETOK ATOLL**

\*Not for use by A-E  
DATE OF THIS REPORT: **2 April 1951**

AS-BUILT DRAWING NUMBERS AND DATES:  
**30-5149 4/2/51**

JOB NO. **729 - 25**

CONTRACT NO. **AT-(29-1)-507**

For: The Complete Construction of **Cable Terminal**

Building No.: **Station No. 101**

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>ALL USERS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>CABLE TERMINALS, STATION NO. 101 ON SITE "F"</u>							
	This is a one story, shed roof, wood and corrugated aluminum building, size O.D. 8'-7 1/4" x 8'-7 1/4" x 8'-3" high (mean), set on concrete curb and footing, earth floor. Complete with telephone, cabinet, switch board and wiring, floor area O.D. 76 square feet.							
		1	Each	*				
	<u>CABLE TERMINALS, STATION NO. 101 ON SITE "S"</u>							
	This is a one story, shed roof, wood and corrugated aluminum building, size O.D. 8'-7 1/4" x 8'-7 1/4" x 8'-3" high (mean), set on concrete curb and footing, earth floor. Complete with telephone, cabinet, switch board and wiring, floor area O.D. 76 square feet.							
		1	Each	*				
	<u>CABLE TERMINALS, STATION NO. 101 ON SITE "T"</u>							
	This is a one story, shed roof, wood and corrugated aluminum building, size O.D. 8'-7 1/4" x 8'-7 1/4" x 8'-3" high (mean), set on concrete curb and footing, earth floor. Complete with telephone, cabinet, switch board and wiring, floor area O.D. 76 square feet.							
		1	Each	*				
	<u>CABLE TERMINALS, STATION NO. 101 ON SITE "U"</u>							
	This is a one story, shed roof, wood and corrugated aluminum building, size O.D. 8'-7 1/4" x 8'-7 1/4" x 8'-3" high (mean), set on concrete curb and footing, earth floor. Complete with telephone, cabinet, switch board and wiring, floor area O.D. 76 square feet.							
		1	Each	*				
	* COSTS DISTRIBUTED TO ALL USERS							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

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SHEET NO. 30 OF

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 25

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

2E-056 4/2/51

For: The Complete Construction of Power and Telephone Post Stations

Building No.:

## ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>ALL USERS REQUIRED CONSTRUCTION AND LOCATIONS OF THE FOLLOWING STATIONS:</u>							
	<u>TELEPHONE POST STATIONS ON SITE "D - V"</u>							
	Plywood box with hinged door, size O.D. 17" x 7 1/4" x 33 1/2" high, mounted on 4" x 4" x 8'-0" post. Complete with telephone installation.	7	Each	*				
	<u>POWER POST STATIONS ON SITE "D - V"</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post. Complete with electric wiring, fused switch and convenience outlets.	17	Each	*				
	<u>TELEPHONE POST STATIONS ON SITE "E"</u>							
	Plywood box with hinged door, size O.D. 17" x 7 1/4" x 33 1/2" high, mounted on 4" x 4" x 8'-0" post. Complete with telephone installation.	15	Each	*				
	<u>POWER POST STATIONS ON SITE "E"</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post. Complete with electric wiring, fused switch and convenience outlets.	35	Each	*				
	<u>POWER POST STATION ON SITE "P"</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post, complete with electric wiring, fused switch and power outlets.	1	Each	*				
	<u>POWER POST STATIONS ON SITE "Q"</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post, complete with electric wiring, fused switch and power outlets.	1	Each	*				
	<u>TELEPHONE POST STATIONS ON SITE "S"</u>							
	Plywood box with hinged door, size O.D. 17" x 7 1/4" x 33 1/2" high, mounted on 4" x 4" x 8'-0" post. Complete with telephone installation.	8	Each	*				
	<u>POWER POST STATIONS ON SITE "S"</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post, complete with electric wiring, fused switch and power outlets.	11	Each	*				
	* COSTS DISTRIBUTED TO ALL USERS							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION **ENINEYOK ATOLL**

SHEET NO. 31 OF \_\_\_\_\_

\*Not for use by A-E  
DATE OF THIS REPORT:  
**2 April 1951**

DFG-414  
(3-50)

JOB NO. **729 - 25**

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of **Power and Telephone Post Stations**

Building No.:

2H-056 4/2/51

ESTIMATE

PROPERTY ACCOUNT NUMBER	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<u>ALL USERS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
	<u>TELEPHONE POST STATIONS ON SITE "C"</u>							
	Plywood box with hinged door, size O.D. 17" x 7 1/4" x 33 1/2" high, mounted on 4" x 4" x 8'-0" post. Complete with telephone installation.	8	Each	*				
	<u>POWER POST STATIONS ON SITE "C"</u>							
	Plywood box with hinged door, size O.D. 17" x 12" x 36" high, mounted on 4" x 4" x 8'-0" post. Complete with electric wiring, fused switch and convenience outlets.	18	Each	*				

\* COSTS DISTRIBUTED TO ALL USERS

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COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

SHEET NO. 32 OF \_\_\_\_\_

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
38-694.4 4/2/51

JOB NO. 729 - 32

CONTRACT NO. AT-(129-11)-507

For: The Complete Construction of Hole in Ground with Concrete Fill  
Building No.: Station Nos. 6101, 6102, 6103, 6104 and 6105

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>A.C.C. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>HOLE IN GROUND WITH CONCRETE FILL, STATION NOS. 6101 THRU 6104 ON SITE "E"</u>							
	Square holes in the ground, size 3'-0" x 3'-0" x 3'-0" deep with 4" concrete footing in hole. Holes to be filled with concrete when instruments are installed by user.	4	Each					
			Direct	\$623.76				
			Indirect	707.91		\$9.04	\$1,340.71	
	<u>HOLE IN GROUND WITH CONCRETE FILL, STATION NO. 6105 ON SITE "S"</u>							
	Square holes in the ground, size 3'-0" x 3'-0" x 3'-0" deep with 4" concrete footing in hole. Holes to be filled with concrete when instruments are installed by user.	1	Each					
			Direct	155.92				
			Indirect	176.97		2.26	335.15	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 33 OF

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

30-685.2 - 3/9/51  
30-077 - 3/9/51

JOB NO. 729 - 31

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

Not for use by A-E

DATE OF THIS REPORT:

9 March 1951

For: The Complete Construction of Seismograph in Underground Concrete Vault

Building No.: Stations 771, 772, 773

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>AFLOAT-REQUIRED CONSTRUCTION AND LOCATIONS OF THE FOLLOWING STATIONS:</u>							
	<u>STATION 771, SITE "E"</u>							
	A reinforced concrete structure, size O.D. 8'-0" x 14'-6" x 7'-6" high from 12" thick foundation footings 4'-6" below grade, with a compacted sand fill to the roof; walls, roof and partition 12" thick, entrance thru hinged structural steel trap doors in top of well section, which has a 3" concrete floor, 5'-0" x 5'-0" concrete block cemented to coral bed rock in center of roofed section with 6" clearance between walls and foundations, complete with electric wiring and fixtures.	1	each	Direct \$5,355.05 Indirect 4,637.33		\$289.30	\$10,281.68	
	<u>STATION 772, SITE "D-V"</u>							
	A reinforced concrete structure, size O.D. 8'-0" x 14'-6" x 7'-6" high from 12" thick foundation footings 4'-6" below grade, with a compacted sand fill to the roof; walls, roof and partition 12" thick, entrance thru hinged structural steel trap doors in top of well section, which has a 3" concrete floor, 5'-0" x 5'-0" concrete block cemented to coral bed rock in center of roofed section with 6" clearance between walls and foundations, complete with electric wiring and fixtures.	1	each	Direct 4,396.35 Indirect 3,744.71		250.03	8,391.09	
	<u>STATION 773, SITE "C"</u>							
	A reinforced concrete structure, size O.D. 8'-0" x 14'-6" x 7'-6" high from 12" thick foundation footings 4'-6" below grade, with a compacted sand fill to the roof; walls, roof and partition 12" thick, entrance thru hinged structural steel trap doors in top of well section, which has a 3" concrete floor, 5'-0" x 5'-0" concrete block cemented to coral bed rock in center of roofed section with 6" clearance between walls and foundations, complete with electric wiring and fixtures.	1	each	Direct 4,063.32 Indirect 2,978.85		241.88	7,284.05	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

~~SECRET~~SHEET NO. 34 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 31CONTRACT NO. AT-(29-1)-507LOCATION ENIWEK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 19513A-690 - 4/2/51  
3B-077 - 4/2/51For: The Complete Construction of Wood BuildingBuilding No.: Station 775

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>AFOAT- REQUIRED CONSTRUCTION AND LOCATIONS OF THE FOLLOWING STATIONS:</u></p> <p><u>STATION 775, SITE "A"</u></p> <p>A one-story, flat roof, wood building, size O.D. 10'-0" x 10'-0" x 7'-8" high, set on a continuous reinforced concrete foundation. A mass concrete block size 5'-0" x 5'-0" x 6'-6" is installed in center of floor area and extends from bed rock to floor level and is separated from building foundation by compacted sand fill. Walls and roof are covered with mopped-on roofing felt. Laminated wood door, light proof closure, is covered with mopped-on roofing felt. Complete with electric wiring and fixtures, floor area O.D. 100 square feet.</p>	1	each					
			Direct	\$ 35.67				
			Indirect	46.55		\$ 1.80	\$ 84.02	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

ARCHITECT (DRAWING NUMBER) AND DATE:

JOB NO. 729 - 29

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-1  
DATE OF THIS REPORT:     

3E-5682.2 - 4/2/51  
3E-5155 - 4/2/51

For: The complete Construction of Ground Bottle

2 April 1951

Building No.: Stations No. 120a through 120e

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u><b>RAD-CHEM REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</b></u>							
	<u><b>GROUND BOTTLE STATIONS NO. 120a THRU 120e. SITE "D - V"</b></u>							
	A reinforced concrete structure, size O.D. 4'-10" x 5'-6" x 8'-6" depth, underground bottle station with steel lined cavity, concrete block and steel cover plate for underground entrance sealing, 4" thick steel top cover with orifice, anchor bolted to structure and surrounded with a 3" thick special stucco at ground level - coral concrete 7.5 cu. yds.	5	Each					
			Direct	\$20,257.81				
			Indirect	15,594.50		\$104.29	\$35,956.60	
	<u><b>GROUND BOTTLE STATIONS NO. 120a THRU 120e. SITE "E"</b></u>							
	A reinforced concrete structure, size O.D. 4'-10" x 5'-6" x 8'-6" depth, underground bottle station with steel lined cavity, concrete block and steel cover plate for underground entrance sealing, 4" thick steel top cover with orifice, anchor bolted to structure and surrounded with a 3" thick special stucco at ground level - coral concrete 7.5 cu. yds.	5	Each					
			Direct	23,518.05				
			Indirect	18,981.54		112.54	42,612.13	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~CONFIDENTIAL~~  
LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729-29

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of Air Bottle

Building No.: Stations 121a through 121e

2 April 1951

- 3E-6619 - 4/2/51
- 3E-5678.3 - 4/2/51
- 3E-5679.2 - 4/2/51
- 3E-5681.5 - 4/2/51
- 3E-5155 - 4/2/51

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>RAD-CHEM REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
	<u>AIR BOTTLE STATIONS NO. 121a through 121d, SITE "D - V"</u>							
	A machined steel casting assembly, base size 10'-6" long x 2'-0" wide, height 6'-0", surface studded for in casing in a 3" thick split special stucco mask, leveling plate and 32 - 2" diameter anchor bolt assemblies for mounting level and grouting to a reinforced concrete foundation, size O.D. 22'-0" x 9'-0" x 8'-2" thick, 60 cu. yds., top level with grade, pit at one end for sealing entrance to steel formed cavity with concrete blocks and steel cover plate. A steel framed slot 4" x 2'-0" runs from the cavity near the bottom of the foundation up to the casting and continues as a cored slot to the upper section of the casting assembly, the two sections being keyed and bolted with metal to metal tight bearing surfaces.	4	Each					
	<u>AIR BOTTLE STATION NO. 121e, SITE "D - V"</u>							
	A machined steel casting assembly, base size 10'-6" long x 2'-0" wide, height 6'-0", leveling plate and 32 - 2" diameter anchor bolt assemblies for mounting level and grouting to a reinforced concrete foundation, size O.D. 22'-0" x 9'-0" x 8'-2" thick, 60 cu. yds., top level with grade, pit at one end for sealing entrance to steel formed cavity with concrete blocks and steel cover plate. A steel framed slot 4" x 2'-0" runs from the cavity near the bottom of the foundation up to the casting and continues as a cored slot to the upper section of the casting assembly, the two sections being keyed and bolted with metal to metal tight bearing surfaces.	1	Each					
	TOTAL, STATIONS NO. 121a through 121e			Direct Indirect	\$121,572.36 46,398.08	\$724.22	\$168,694.66	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~  
LOCATION ENIWETOK ATOLL

\*Not for use by A-1  
DATE OF THIS REPORT: 9 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729-29

CONTRACT NO. AT-129-11-507

For: The Complete Construction of Air Bottle

Building No.: Stations 121a through 121e

- 3E-6619 - - 3/9/51
- 3E-5678.3 - 3/9/51
- 3E-5679.2 - 3/9/51
- 3E-5681.5 - 3/9/51
- 3E-5155 - - 3/9/51

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>RAD-CHEM REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</u>							
	<u>AIR BOTTLE STATIONS NO. 121a through 121d, SITE "E"</u>							
	A machined steel casting assembly, base size 10'-6" long x 2'-0" wide, height 6'-0", surface studded for incasing in a 3" thick split special stucco mask, leveling plate and 32 - 2" dia. anchor bolt assemblies for mounting level and grouting to a reinforced concrete foundation, size O.D. 22'-0" x 9'-0" x 8'-2" thick, 60 cu. yds., top level with grade, pit at one end for sealing entrance to steel formed cavity with concrete blocks and steel cover plate. A steel framed slot 4" x 2'-0" runs from the cavity near the bottom of the foundation up to the casting and continues as a cored slot to the upper section of the casting assembly, the two sections being keyed and bolted with metal to metal tight bearing surfaces.	4	Each					
	<u>AIR BOTTLE STATION NO. 121e, SITE "E"</u>							
	A machined steel casting assembly, base size 10'-6" long x 2'-0" wide, height 6'-0", leveling plate and 32 - 2" dia. anchor bolt assemblies for mounting level and grouting to a reinforced concrete foundation, size O.D. 22'-0" x 9'-0" x 8'-2" thick, 60 cu. yds., top level with grade, pit at one end for sealing entrance to steel formed cavity with concrete blocks and steel cover plate. A steel framed slot 4" x 2'-0" runs from the cavity near the bottom of the foundation up to the casting and continues as a cored slot to the upper section of the casting assembly, the two sections being keyed and bolted with metal to metal tight bearing surfaces.	1	Each					
	TOTAL, STATIONS NO. 121 a through 121e			Direct	\$110,888.72			
				Indirect	52,276.00	\$638.28	\$163,803.00	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBER AND DATE:

JOB NO. 729 - 29

CONTRACT NO. AT-(29-11)-907

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:

3E-5155 - 3/9/51

For: The Complete Construction of Battery Hut

9 March 1951

Building No.: Station 123

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Inst'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>RAD-CHEM REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</u>							
	<u>BATTERY HUT, STATION 123, SITE "D - V"</u>							
	A one story wood frame, shed roof, size 4'-0" x 4'-0" x 6'-6" high, complete with electric wiring and fixtures, staked to earth. Roof mineral felt covered, sides of plywood.							
		1	Each					
			Direct	\$ 332.14		\$ 1.66	\$ 686.29	
			Indirect	352.49				
	<u>BATTERY HUT, STATION 123, SITE "E"</u>							
	A one story wood frame, shed roof, size 4'-0" x 4'-0" x 6'-6" high, complete with electric wiring and fixtures, staked to earth. Roof mineral felt covered, sides of plywood.							
		1	Each					
			Direct	294.69		1.55	565.74	
			Indirect	269.50				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

PROJECT DRAWING NUMBER AND DATE:

JOB NO. 729-29

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:

3E-6611.1 - 3/9/51

For: The Complete Construction of Concrete Platform

9 March 1951

Building No.: Stations 124 and 125

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>RAD-CHEM REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</u>							
	<u>CONCRETE PLATFORM, STATION NO. 124, SITE "E"</u>							
	A reinforced concrete platform 230'-0" x 4'-0" x 4" thick with twenty-three (23) steel plate assemblies anchored and embedded in the concrete level with surface and grade. Concrete 11.3 cu. yds.							
		1	Each					
			Direct	\$864.16		\$4.31	\$1,580.77	
			Indirect	712.30				
	<u>CONCRETE PLATFORM, STATION NO. 125, SITE "D - V"</u>							
	A reinforced concrete platform 230'-0" x 4'-0" x 4" thick with twenty-three (23) steel plate assemblies anchored and embedded in the concrete level with surface and grade. Concrete 11.3 cu. yds.							
		1	Each					
			Direct	864.16		4.30	1,580.76	
			Indirect	712.30				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

170-820 - 3/9/51  
170-814 - 3/9/51  
170-821 - 3/9/51

JOB NO. 729 - 24

CONTRACT NO. AT-(29-1)-507

LOCATION ENINESTOR ATOLL

For: The Complete Construction of Interferometer Gauge

Building No.: Stations 90a Thru j, 91a Thru f, 92a Thru d, 93a Thru d, and 95a Thru h

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b><u>AMC REQUIRED CONSTRUCTION AND LOCATION OF FOLLOWING STATIONS</u></b>								
<b><u>INTERFEROMETER GAUGE, STATION 90a Thru j, SITE "E"</u></b>								
	A basic steel box assembly - welded, wall thickness 1/2" with type 1 cover plate, size 30" x 30" x 30", placed level with and below grade with under-ground lead brick shielding.	10	each					
			Direct	\$1,043.44				
			Indirect	1,304.35		\$13.42	\$2,361.21	
<b><u>INTERFEROMETER GAUGE, STATION 91a Thru f, SITE "S"</u></b>								
	A basic steel box assembly - welded, wall thickness 1/2" with type 1 cover plate, size 30" x 30" x 30", placed level with and below grade with under-ground lead brick shielding.	6	each					
			Direct	625.98				
			Indirect	782.64		7.98	1,416.60	
<b><u>INTERFEROMETER GAUGE, STATION 92a Thru d, SITE "P"</u></b>								
	A basic steel box assembly - welded, wall thickness 1/4" with type 1 cover plate, size 30" x 30" x 30".	4	each					
			Direct	417.32				
			Indirect	521.76		5.32	944.40	
<b><u>INTERFEROMETER GAUGE, STATION 93a Thru d, SITE "Q"</u></b>								
	A basic steel box assembly - welded, wall thickness 1/4" with type 1 cover plate, size 30" x 30" x 30".	4	each					
			Direct	417.32				
			Indirect	521.76		5.32	944.40	
<b><u>INTERFEROMETER GAUGE, STATION 95a Thru h, SITE "C"</u></b>								
	A basic steel box assembly - welded, wall thickness 1/4" with type 1 cover plate, size 30" x 30" x 30", with 8" x 4" x 2" lead bricks placed to produce various thickness of shielding at bottoms, sides and tops of box assemblies, with an approximate total of 2,400 lead brick.	12	each					
			Direct	834.64				
			Indirect	1,043.44		10.64	1,888.72	

**CAUTION**



ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 15

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

For: The Complete Construction of Blast Buildings

Building No.: Stations 20a thru f, 21a thru e, 23a and b, 25

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>BLAST WALL STATION NO. 20a THRU f, SITE "C"</u></b>							
	Two reinforced concrete walls, 10'-6" x 5'-0" x 1'-0", on reinforced concrete foundation 4'-0" x 33'-0" x 2'-9". Steel field panel 8'-0" x 5'-0" x 1'-0" between walls, Conduit sleeves, etc.	6	Each					
			Direct	\$27,595.34				
			Indirect	11,034.09		\$1,471.01	\$40,100.44	
	<b><u>BLAST WALL STATION NO. 20a THRU f, SITE "E"</u></b>							
	Two reinforced concrete walls, 10'-6" x 5'-0" x 1'-0", on reinforced concrete foundation 4'-0" x 33'-0" x 2'-9". Steel field panel 8'-0" x 5'-0" x 1'-0" between walls, Conduit sleeves, etc.	6	Each					
			Direct	28,344.25				
			Indirect	11,877.63		1,482.89	41,704.77	
	<b><u>BLAST WALL STATION NO. 21a THRU e, SITE "E"</u></b>							
	Two reinforced concrete walls, 10'-6" x 5'-0" x 1'-0", on reinforced concrete foundation 4'-0" x 33'-0" x 2'-9". Steel field panel 8'-0" x 5'-0" x 1'-0" between walls, Conduit sleeves, etc.	3	Each					
			Direct	14,481.72				
			Indirect	6,040.47		758.99	21,281.18	
	<b><u>CONCRETE BLAST BUILDING, STATION 23a, SITE "C"</u></b>							
	Existing reinforced concrete structure rehabilitated and added ventilation and electrical, backfill. Installed equipment includes one fan.	1	Each					
			Direct	3,242.82				
			Indirect	3,036.46		142.43	6,421.71	
	<b><u>CONCRETE BLAST BUILDING, STATION NO. 23a, SITE "D - V"</u></b>							
	An existing reinforced concrete structure rehabilitated, added ventilation, electric wiring and fixtures, telephone installation and backfill. Equipment includes one fan.	1	Each					
			Direct	2,729.05				
			Indirect	2,863.00		108.06	5,701.07	

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 42 OF \_\_\_\_\_

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

3G-698-1 1/27/51 3E-689 2/21/51  
3G-5425 1/27/51 3E-074 2/21/51  
3G-073 2/2/51 3E-5420 2/21/51  
3G-073-1 2/15/51

FORM NO. 729 - 15

CONTRACT NO. AT-(29-11)-507

LOCATION ENiwETOK ATOLL

For: The complete construction of Blast Buildings

Building Nos.: 20a thru f, 21a thru e, 23a and b, 25

ESTIMATE

DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Inv. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
<u>CONCRETE BLAST BUILDING, STATION NO. 23a AND b, SITE "E"</u>							
<u>STATION 23a</u>							
23b, a one story reinforced concrete structure, size outside dimensions, 17'-0" x 10'-0" x 8'-10" high, including 8" floor, 12" walls, and 1 1/4" thick ceiling, anchored to foundation footings 2'-6" wide x 1'-4" thick, cubic contents 840 cubic feet, floor area 120 square feet, attached to the existing structure 23a which has been reconditioned and modified, including new openings, 2'-2" x 6'-6" passageway to 23b, "unistrut" inserts surface mounted in walls and ceiling, air conditioning, electric wiring and fixtures, and telephone services. The structures have an earth backfill to the roof around three sides. Installed equipment includes one fan.	1	Each					
		Direct	\$6,932.01				
		Indirect	6,461.54		\$312.63	\$13,706.18	
<u>STATION 23b</u>							
23b, a one story reinforced concrete structure, size outside dimensions, 17'-0" x 10'-0" x 8'-10" high, including 8" floor, 12" walls, and 1 1/4" thick ceiling, anchored to foundation footings 2'-6" wide x 1'-4" thick, cubic contents 840 cubic feet, floor area 120 square feet, attached to the existing structure 23a which has been reconditioned and modified, including new openings, 2'-2" x 6'-6" passageway to 23b, "unistrut" inserts surface mounted in walls and ceiling, air conditioning, electric wiring and fixtures, and telephone services. The structures have an earth backfill to the roof around three sides.	1	Each					
		Direct	846.53				
		Indirect	373.93		45.41	1,265.87	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by AEC  
DATE OF THIS REPORT  
**2 April 1951**

ASSEMBLY DRAWING NUMBERS AND DATES:

JOB NO. **729 - 15**

CONTRACT NO. AI-629-11,507

LOCATION **ENIWETOK ATOLL**

For: The Complete Construction of **Blast Buildings**

Building No.: **20a thru f, 21a thru e, 23a and b, 25**

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract	Total Value of Purchased Material	Engineering Cost	Total	*Excludes charges to units
	<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
	<u>CONCRETE BLAST BUILDING, STATION NO. 25, SITE "E"</u>							
	A reinforced concrete structure flat roof, size O.D. 16'-8" x 17'-8" x 8'-4" high, 8" thick finish floor grade level, set on 1'-4" thick foundation footings, earth backfill to roof on three sides, interior and exterior blast doors, electric wiring and fixtures and ventilation. Equipment includes one blower type fan.	1	Each Direct Indirect	\$9,111.50 6,795.42		\$419.00	\$16,325.92	

**CAUTION**

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

~~SECRET~~

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

A. TITLE, DRAWING NUMBER, AND DATE:

JOB NO. 729 - 15

CONTRACT NO. AT-129-11-507

LOCATION ENINETOK ATOLL

3G-028-3 4/2/51  
3G-082-1 2/21/51  
3G-082-2 4/2/51

For: The Complete Construction of Tents

Building No.: Tents 22, 22a and 22b, 24a and b

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b><u>MOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>								
<b><u>TENT STATION NO. 22, SITE "D - V"</u></b>								
	An eight man tent and wood frame bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each					
			Direct	\$789.36				
			Indirect	259.69		\$43.19	\$1,092.24	
<b><u>TENT STATION NO. 22a AND b, SITE "C"</u></b>								
	An eight man tent and wood frame anchor bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	2	Each					
			Direct	1,551.37				
			Indirect	1,124.34		76.46	2,752.17	
<b><u>TENT STATION NO. 22a AND b, SITE "E"</u></b>								
	An eight man tent with wood frame set on a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	2	Each					
			Direct	957.38				
			Indirect	357.00		52.37	1,366.75	
<b><u>TENT STATION NO. 24a AND b, SITE "E"</u></b>								
	Tent on a 4" concrete slab, size 16' x 32' with electric wiring and fixtures.	2	Each					
			Direct	1,380.51				
			Indirect	647.16		73.48	2,101.15	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:  
30-627.2 2/10/51

JOB NO. 729 - 15

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by  
DATE OF THIS REPORT:  
10 February 1951

For: The Complete Construction of BALLOON ANCHORAGE

Building No.: STATION 26a, b and c

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>BALLOON ANCHORAGE, STATIONS 26a AND b, SITE "E"</u>							
	Anchorage structure of reinforced concrete, O.D. 5'-0" x 5'-0" x 2'-4".	2	Each					
			Direct	\$915.98				
			Indirect	954.45		\$37.47	\$1,907.90	
	<u>BALLOON ANCHORAGE, STATION 26c, SITE "C"</u>							
	Anchorage structure of reinforced concrete, O.D. 5'-0" x 5'-0" x 2'-4".	1	Each					
			Direct	412.19				
			Indirect	411.70		12.85	836.74	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



A-E BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 15

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

10 February 1951

170-811 1/27/51

For: The Complete Construction of Gauge Mounts

Building No.: Stations 27a, b, c and d

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<b>WOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
	<b><u>GUAGE MOUNTS, STATIONS 27a, b, c, AND d, SITE "C"</u></b>							
	Hole in ground. Steel tubes set in concrete to form a square block 2'-6" x 2'-6" x 6'-1 1/2" deep. Cubic content, 30 plus cubic feet. Anchorage and hardware.	4	Each					
			Direct	\$6,761.30				
			Indirect	2,599.47		\$364.73	\$9,725.50	
	<b><u>GUAGE MOUNTS, STATIONS 27a, b, c, AND d, SITE "E"</u></b>							
	Hole in ground. Steel tubes set in concrete to form a square block 2'-6" x 2'-6" x 6'-1 1/2" deep. Cubic content, 30 plus cubic feet. Anchorage and hardware.	4	Each					
			Direct	2,360.19				
			Indirect	2,472.12		99.93	4,932.24	

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DATE OF THIS REPORT:  
2 April 1951

170-812 4/2/51

JOB NO. 729 - 15

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

Title: The complete construction of Velocity Gauge Post  
Building No.: Stations 28a thru p, 29a thru k

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>MOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
	<b>VELOCITY GAUGE POST, STATIONS 28a THRU j, SITE "C"</b>							
	Instrument posts set in concrete footings. Footing O.D. 3'-0" x 3'-0" x 2'-0". 3" standard steel pipe set in concrete footing.	10	Each					
			Direct	\$1,603.94				
			Indirect	1,812.17		\$67.92	\$3,484.03	
	<b>VELOCITY GAUGE POST, STATIONS 28a THRU p, SITE "D - V"</b>							
	Instrument posts set in concrete footings. Footing O.D. 3'-0" x 3'-0" x 2'-0". 3" standard steel pipe set in concrete footing.	16	Each					
			Direct	3,066.95				
			Indirect	2,356.04		133.58	5,556.57	
	<b>VELOCITY GAUGE POST, STATIONS 28a THRU j, SITE "E"</b>							
	Instrument posts set in concrete footings. Footing O.D. 3'-0" x 3'-0" x 2'-0". 3" standard steel pipe set in concrete footing.	10	Each					
			Direct	2,383.51				
			Indirect	1,531.31		117.11	4,031.93	
	<b>VELOCITY GAUGE POST, STATIONS 29a THRU k, SITE "E"</b>							
	Instrument posts set in concrete footings. Footing O.D. 3'-0" x 3'-0" x 2'-0". 3" standard steel pipe set in concrete footing.	11	Each					
			Direct	1,836.15				
			Indirect	1,454.13		86.29	3,376.57	

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PROJECT NUMBER: AT-111  
30-5644.1 3/9/51

JOB NO. 729 - 15

CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

For: The complete construction of Rocket Charge and Detonator Storage  
Building No.: Stations 30a, b and c

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>MOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>STATION NO. 30a,b AND c, SITE "C"</u>							
	Wood frame structure on concrete slab 8'-1 1/2" x 8'-1 1/2" x 7'-11 1/2". Slab O.D. 8'-1 1/2" x 8'-1 1/2", 12" thick. Slab area 65 square feet. Cubic content 340 cubic feet. Exterior waterproofing. Framing of 2" x 8" and 2" x 10" stock. Foundation is laid 4'-0" below grade, with an adjacent pile of earth for backfill and 3'-0" thick roof cover prior to test.	3	Each	Direct \$4,891.69 Indirect 4,425.20		\$215.22	\$9,532.11	
	<u>STATION NO. 30a, b AND c, SITE "D - W"</u>							
	Wood frame structure on concrete slab 8'-1 1/2" x 8'-1 1/2" x 7'-11 1/2". Slab O.D. 8'-1 1/2" x 8'-1 1/2", 12" thick. Slab area 65 square feet. Cubic content 340 cubic feet. Exterior waterproofing. Framing of 2" x 8" and 2" x 10" stock. Foundation is laid 4'-0" below grade, with an adjacent pile of earth for backfill and 3'-0" thick roof cover prior to test.	3	Each	Direct 4,390.47 Indirect 4,592.15		186.86	9,169.48	
	<u>STATION NO. 30a, b AND c, SITE "E"</u>							
	Wood frame structure on concrete slab 8'-1 1/2" x 8'-1 1/2" x 7'-11 1/2". Slab O.D. 8'-1 1/2" x 8'-1 1/2", 12" thick. Slab area 65 square feet. Cubic content 340 cubic feet. Exterior waterproofing. Framing of 2" x 8" and 2" x 10" stock. Foundation is laid 4'-0" below grade, with an adjacent pile of earth for backfill and 3'-0" thick roof cover prior to test.	3	Each	Direct 5,943.23 Indirect 5,016.25		269.83	11,229.31	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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LOCATION **ENIWE TOK ATOLL**

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DATE OF THIS REPORT:

45-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 15

CONTRACT NO. AT-(29-1)-507

For: The Complete Construction of **Assisting USER on Installation of Rocket Launchers**  
Building No.: **Stations 32a thru 1**

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Preparation of Charges to Units
	<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>STATIONS 32a AND 32e, SITE "C"</u>							
	Rocket Launcher	2	Each					
			Direct	\$18.60				
			Indirect	10.00		\$ .92	\$29.52	
	<u>STATIONS 32a THRU h, SITE "D - V"</u>							
	Rocket Launcher	8	Each					
			Direct	74.40				
			Indirect	40.00		3.68	118.08	
	<u>STATIONS 32a THRU 1, SITE "E"</u>							
	Rocket Launcher	12	Each					
			Direct	111.56				
			Indirect	59.95		5.44	176.95	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 50 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBERS AND DATES:  
17G-810 3/9/51

JOB NO. 729 - 15

CONTRACT NO. AT-(29-11)-507

LOCATION ENINETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Gauge Mounts

Building No.: Stations 33a thru i, 34a thru d

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>GAUGE MOUNTS, STATIONS 33a THRU i, SITE "C"</u>							
	Steel stake, 2" diameter x 6'-0" long, with screw cap.	9	Each					
			Direct	\$358.65				
			Indirect	473.23		\$14.39	\$846.27	
	<u>GAUGE MOUNTS, STATIONS 33a THRU i, SITE "E"</u>							
	Steel stake, 2" diameter x 6'-0" long, with screw cap.	9	Each					
			Direct	1,456.89				
			Indirect	997.58		68.92	2,523.39	
	<u>GAUGE MOUNTS, STATIONS 34a THRU d, SITE "C"</u>							
	Steel stake, 2" diameter x 6'-0" long, with screw cap.	4	Each					
			Direct	1,591.65				
			Indirect	735.26		80.37	2,407.28	
	<u>GAUGE MOUNTS, STATIONS 34a THRU d, SITE "E"</u>							
	Steel stake, 2" diameter x 6'-0" long, with screw cap.	4	Each					
			Direct	530.57				
			Indirect	251.47		28.19	810.23	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 51 OF

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DATE OF THIS REPORT:  
9 March 1951

PROPERTY DRAWING NUMBER AND DATE:  
30-5650.2 1/31/51

JOB NO. 729 - 15

CONTRACT NO. AT-129-11-807

LOCATION ENiwetok Atoll

For: The complete construction of Boom on Tower  
Building No.: Station 35

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	
<b>MOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
<b><u>BOOM ON TOWER, STATION NO. 35, SITE "C"</u></b>							
	Pipe boom with guy wire.	1	Each				
			Direct	\$300,72			
			Indirect	181,54		\$15,38	\$497,64
<b><u>BOOM ON TOWER, STATION NO. 35, SITE "E"</u></b>							
	Pipe boom with guy wire.	1	Each				
			Direct	300,73			
			Indirect	181,54		15,38	497,65
<b><u>BOOM ON TOWER, STATION NO. 35 SITE "D - V"</u></b>							
	Pipe boom with guy wire.	1	Each				
			Direct	300,73			
			Indirect	181,54		15,38	497,65

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DATE OF THIS REPORT:  
**9 March 1951**

AS-BUILT DRAWING NUMBER AND DATE:

JOB NO. **729 - 15**

CONTRACT NO. AT-(29-11-50)

LOCATION **ENIWEK AFOLE**

For: The Complete Construction of **Ground Shock**

Building No.: **Stations 36a thru f**

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b><u>WORK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>								
<b><u>GROUND SHOCK STATIONS 36a THRU e, SITE "D - V"</u></b>								
A steel plate 12" x 18" x 1" thick with one flat ground surface, tapped holes for gage mounting and anchor bolts, set level in concrete embedded in bed rock and encased with a 36" diameter corrugated metal pipe with temporary wood cover.		5	Each	Direct \$ 984.59 Indirect 1,068.64		\$34.53	\$2,087.76	
<b><u>GROUND SHOCK STATIONS 36a THRU f, SITE "E"</u></b>								
A steel plate 12" x 18" x 1" thick with one flat ground surface, tapped holes for gage mounting and anchor bolts, set level in concrete embedded in bed rock and encased with a 36" diameter corrugated metal pipe with temporary wood cover.		6	Each	Direct 1,494.66 Indirect 1,295.25		61.09	2,851.00	

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DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

170-815 2/10/51  
170-816 2/18/51  
170-818 2/10/51

JOB NO. 729 - 15

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

For: The complete construction of Pylon and Battery Box  
Building No.: Stations 37a thru f

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	unit	Construction Contract Cost	Instl. Value adv. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>PYLON, STATIONS 37a,b and c, SITE "E"</u></b>							
	Double steel wall, filled with concrete, size O.D. 15'-0" x 15'-0" x 6 1/2", set on reinforced concrete base, with four steel compartments; conduit.	3	Each					
			Direct	\$15,448.01				
			Indirect	4,213.51		\$816.63	\$20,478.15	
	<b><u>PYLON BATTERY BOX, STATIONS 37d,e and f, SITE "E"</u></b>							
	Underground steel box, with cover, set in concrete block O.D. 2'-0" x 2'-0" x 2'-0". Conduit.	3	Each					
			Direct	46.74				
			Indirect	61.92		1.87	110.53	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



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DATE OF THIS REPORT:

2 May 1951 /

APPROVED DRAWING NUMBER AND DATE:

3G-082-1 2/12/51  
3G-082-2 4/2/51

JOB NO. 729 - 15

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Tents

Building No.: Station 38

ESTIMATE

Property, Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>								
<u>TENTS, STATION 38, SITE "E"</u>								
	A four man tent with wood frame and wood floor, size O.D. 14'-2" x 14'-4", floor area O.D. 208 square feet. (Location shown on drawing 7E-089 and FS 503-1).	1	Each					
			Direct	\$339.38				
			Indirect	189.89		\$17.59	\$546.86	
<u>TENTS, STATION 38, SITE "E"</u>								
	A four man tent with wood frame and wood floor, size O.D. 14'-2" x 14'-4", floor area O.D. 208 square feet. (Location shown on drawing 8C-5354).	1	Each					
			Direct	490.85				
			Indirect	473.90		18.82	983.57	

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COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

~~3E-691-3~~ 2/10/51

JOB NO. 729 - 15

CONTRACT NO. AT-(29-11)-507

LOCATION ENIWE TOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

2 May 1951

For: The Complete Construction of **Balloon Beds**

Building No.: **Stations 39a, b and c**

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit*	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>NOBL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>BALLOON BED, STATIONS 39a AND b, SITE "E"</u>							
	Two reinforced concrete footings, 1'-6" x 1'-6" x 36'-0", and anchorage. O.D. 21'-6" x 36'-0", area of 774 square feet. Coral fill.	2	Each					
			Direct	\$2,734.53				
			Indirect	3,160.07		\$111.79	\$6,006.39	
	<u>BALLOON BED, STATION 39c, SITE "C"</u>							
	Two reinforced concrete footings, 1'-6" x 1'-6" x 36'-0", and anchorage. O.D. 21'-6" x 36'-0", area of 774 square feet. Coral fill.	1	Each					
			Direct	596.64				
			Indirect	646.93		24.81	1,268.38	

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COMPLETION REPORT FOR

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SHEET NO. 56 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBER AND DATE:  
38-5660.4 - 4/2/51

JOB NO. 729 - 30

CONTRACT NO. AT-129-11-507

LOCATION KINIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 April 1951

For: The Complete Construction of Pits

Building No.: Stations 622, 511, 512, 513, 5142, 5152, 5162, 5163, 5172, 5173, 5174

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>NRDL-204 - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>CONCRETE LINED PIT PANEL, STATION 622, LOCATION "E"</u>	1	each					
			Direct	\$ 28.82				
			Indirect	37.17		\$ .30	\$ 66.29	
	<u>PIT, STATIONS 511, 512, 513, 5142, 5152, 5162, 5163, LOCATION "E"</u>	7	each					
	4'-0" dia. x 4'-0" deep.		Direct	184.41				
			Indirect	237.92		1.90	424.23	
	<u>PIT, STATIONS 5172, 5173, 5174, LOCATION "S"</u>	3	each					
	4'-0" dia. x 4'-0" deep.		Direct	148.47				
			Indirect	191.53		1.53	341.53	

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AS-BUILT DRAWING NUMBERS AND DATES:

3T-5680 - 3/9/51

JOB NO. 729 - 30

CONTRACT NO. AT-(29-11)-507

LOCATION ENINESTOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

9 March 1951

For: The Complete Construction of Instrument House

Building No.: Station 623, 623a, 623b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>NRDL-NML - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>INSTRUMENT HOUSE, STATION 623, 623a, 623b, LOCATION "8"</u>							
	A reinforced concrete structure, size O.D. 7'-0" x 10'-0" x 7'-6" high on 1'-3" floor slab, size 8'-0" x 11'-0" with 1'-0" walls and roof, set 3'-9" below grade with earth embankment to roof on three sides, floor covered with wood grating and metal shelving attached to walls.	3	each	Direct Indirect	\$4,984.30 5,033.99	\$50.55	\$10,068.84	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



DRAWING NUMBER AND DATE:

178-5209-1 - 3/9/51  
38-5637.5 - 3/9/51  
38-5686.1 - 3/9/51

JOB NO. 729 - 30

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Panels, Camera House & Battery Box  
Building No.: Stations 624, 624a, 624b

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>MRDC-WML - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>PANELS, STATIONS 624, 624a, LOCATION "S"</u>	2	each					
	<u>CAMERA HOUSE AND BATTERY BOX, STATION 624b, LOCATION "S"</u>							
	A reinforced concrete structure, size O.D. 2'-0" x 4'-0" x 8'-0" high with 4'-0" below grade, topped with metal hood 2'-0 3/4" high, reinforced concrete battery box with metal cover at grade level and, wood frame shelter size I.D. 3'-8" x 4'-1" x 5'-6" high, canvas cover, size 7'-0" x 6'-0".	1	each					
	TOTAL: Station 624, 624a, 624b		Direct Indirect	\$4,984.31 5,033.99		\$50.54	\$10,068.84	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:  
30-5686.1 - 3/9/51

JOB NO. 729 - 30

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Camera House & Battery Box

Building No.: Stations 625, 625a, 625b, 625c

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proportion of Charges to Units
	<p><u>NRDL-NML - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></p> <p><u>CAMERA HOUSE AND BATTERY BOX, STATIONS 625, 625a, 625b, 625c, LOCATION "T"</u></p> <p>A reinforced concrete structure, size O.D. 2'-0" x 6'-0" x 8'-0" high, 4'-0" below grade, topped by a steel hood 2'-0 3/4" high, with an adjacent concrete battery box having steel cover and 3" conduit outlets underground.</p>	4	each Direct Indirect	\$4,984.30 5,034.00		\$50.55	\$10,068.85	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

9 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

3T-5680 - 3/9/51

JOB NO. 729 - 30

CONTRACT NO. AT-(29-11)-507

LOCATION BIKINIKO ATOLL

For: The Complete Construction of Instrument House

Building No.: stations 626a, 626b, 626c

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>WRDL-NML - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>INSTRUMENT HOUSE, STATIONS 626a, 626b, 626c, LOCATION "T"</u>							
	A reinforced concrete structure, size O.D. 7'-0" x 10'-0" x 7'-6" high on 1'-3" floor slab, size 8'-0" x 11'-0" with 1'-0" walls and roof, set 3'-9" below grade with earth embankment to roof on three sides, floor covered with wood grating and metal shelving attached to walls.	3	each	Direct \$4,984.31 Indirect 5,033.99		\$50.54	\$10,068.84	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

S ~~XXXXXXXXXX~~

\*Not for use by A-E  
DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:  
BY USER

JOB NO. 729 - 19

CONTRACT NO. AT-129-11-507

LOCATION ENINGTOK ATOLL

For: The Complete Construction of Rack in Tower Cab

Building No.: Station No. 1 and Station No. 9

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>M, R, L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>RACK IN TOWER CAB, STATION NO. 1 ON SITE "D"</u>							
	In tower.	1	Each					
			Direct	\$9,771.93				
			Indirect	8,653.19		\$201.10	\$18,626.22	
	<u>RACK IN TOWER CAB, STATION NO. 1 ON SITE "E"</u>							
	In tower	1	Each					
			Direct	398.83				
			Indirect	529.20		7.02	935.05	
	<u>STATION 9 ON SITE "B"</u>							
	Building 310, existing Control Tower	1	Each					
			Direct	16.75				
			Indirect	22.36		.29	39.40	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 19

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

9 March 1951

SE-660.5 3/9/51

For: The Complete Construction of Wood Frame Structure

Building No.: Station No. 2

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>N.R.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>STATION NO. 2 ON SITE "C"</u>							
	Wood frame structure 9'-6 1/4" x 10'-6 1/4" x 8'-11 1/8" high; 4" concrete finished floor on 8" reinforced concrete slab. Wood sheathing covered with aluminum sheets. Floor area O.D. 100 square feet; cubic content I.D. 504 cubic feet. Work bench and power and lighting service within. Earth ramp, about 36 square feet, from doorway to grade level. Earth fill over roof and three sides.	1	Each					
			Direct	\$2,934.91				
			Indirect	2,970.11		\$51.15	\$5,956.17	
	<u>STATION NO. 2 ON SITE "D - V"</u>							
	Wood frame structure 9'-6 1/4" x 10'-6 1/4" x 8'-11 1/8" high; 4" concrete finished floor on 8" reinforced concrete slab. Wood sheathing covered with flat aluminum sheets. Floor area O.D. 100 square feet, cubic content I.D. 504 square feet. Work bench and power and lighting service within. Earth ramp, about 36 square feet, from doorway to grade level. Earth fill over roof and three sides.	1	Each					
			Direct	1,241.01				
			Indirect	1,405.20		22.80	2,669.01	
	<u>STATION NO. 2 ON SITE "E"</u>							
	One story wood frame 2" diagonal mineral cap sheet over walls and flat roof, reinforced concrete foundation 4'-6" below grade, size 10'-6 1/4" x 9'-6 1/4" x 1'-0" thick including 8" floor slab, 2'-0" earth fill over roof and three sides, electric wiring and fixtures.	1	Each					
			Direct	2,674.05				
			Indirect	2,538.15		51.69	5,263.89	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR



SHEET NO. 63 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBERS AND DATES:

30-630 1/31/51  
3E-056 1/31/51  
30-483 1/31/51  
30-035 1/31/51

JOB NO. 729 - 19

CONTRACT NO. AT-129-13-507

LOCATION ENIKETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:  
31 January 1951

For: The Complete Construction of Timing

Building No.: Stations No. 6a

## ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>M.R.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>TIMING, STATION NO. 6a ON SITE "C"</u>							
	An existing structure modified, rehabilitated, and equipped, to be, in effect, a duplicate of a new structure building 6b. Installed equipment includes two de-humidification units.	1	Each					
			Direct	\$19,581.23				
			Indirect	10,716.76		\$429.55	\$30,727.54	
	<u>TIMING, STATION NO. 6a ON SITE "D - V"</u>							
	An existing structure modified, rehabilitated, and equipped, to be, in effect, a duplicate of a new structure building 6b. Installed equipment includes two de-humidification units.	1	Each					
			Direct	17,744.59				
			Indirect	8,185.36		406.12	26,336.07	
	<u>TIMING, STATION NO. 6a ON SITE "E"</u>							
	An existing structure modified, rehabilitated, and equipped, to be, in effect, a duplicate of a new structure building 6b. Installed equipment includes two de-humidification units.	1	Each					
			Direct	18,736.74				
			Indirect	8,467.24		426.78	27,630.76	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 19

CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

31 January 1955.

For: The Complete Construction of Timing

Building No.: Station No. 6b

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>N.R.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>TIMING STATION NO. 6b ON SITE "C"</u>							
	One story reinforced concrete structure; rectangular shape; size I.D. 23'-0" x 13'-0" x 7'-6" high; floor area 0.D. 711 square feet; cubic content I.D. 2,242 cubic feet; explosion proof door; reinforced concrete entrance slab covering space between wing walls 12" thick x 15'-3" long. Earth fill to roof level on three sides. Floor drains at entrance leading to dry well below. Compressor units, dehumidification units, power and lighting service within. Installed equipment includes two dehumidification units.	1	Each					
			Direct	\$24,506.87				
			Indirect	12,645.32		\$548.38	\$37,700.57	
	<u>TIMING STATION NO. 6b ON SITE "D - V"</u>							
	One story reinforced concrete structure; rectangular shape; size I.D. 23'-0" x 13'-0" x 7'-6" high; floor area 0.D. 711 square feet; cubic content I.D. 2,242 cubic feet; explosion proof door; reinforced concrete entrance slab covering space between wing walls 12" thick x 15'-3" long. Earth fill to roof level on three sides. Floor drains at entrance leading to dry well below. Compressor units, dehumidification units, power and lighting service within. Installed equipment includes two dehumidification units.	1	Each					
			Direct	26,750.14				
			Indirect	14,178.41		589.59	41,518.14	
	<u>TIMING STATION NO. 6b ON SITE "E"</u>							
	One story reinforced concrete structure; rectangular shape; size I.D. 23'-0" x 13'-0" x 7'-6" high; floor area 0.D. 711 square feet; cubic content I.D. 2,242 cubic feet; explosion proof door; reinforced concrete entrance slab covering space between wing walls 12" thick x 15'-3" long. Earth fill to roof level on three sides. Floor drains at entrance leading to dry well below. Compressor units, dehumidification units, power and lighting service within. Installed equipment includes two dehumidification units.	1	Each					
			Direct	24,515.83				
			Indirect	12,653.01		555.10	37,723.94	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 65 OF

SFO-43 a  
(3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

30-082,1 4/2/51

JOB NO. 729 - 19

CONTRACT NO. AT-(129-11)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

For: The Complete Construction of 8 - Man Tent on Slab

Building No.: Station No. 6a

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u><b>N.B.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b></u>							
	<u><b>TEST STATION 6a ON SITE "C"</b></u>							
	An eight man tent and wood frame bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each					
			Direct	\$146.97		\$ 2.59	\$344.58	
			Indirect	195.02				
	<u><b>TEST STATION 6a ON SITE "D - V"</b></u>							
	An eight man tent and wood frame bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each					
			Direct	47.18		1.24	49.66	
			Indirect	1.24				
	<u><b>TEST STATION 6a ON SITE "E"</b></u>							
	An eight man tent and wood frame bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each					
			Direct	440.18		10.12	682.53	
			Indirect	232.23				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

9 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 19

CONTRACT NO. AT-(29-1)-507

LOCATION **ENIWETOK ATOLL**

For: The Complete Construction of **Wood Building**

Building No.: **Station No. 7**

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>M.R.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>WOOD BUILDING, STATION NO. 7 ON SITE "M"</u></b>							
	A one story, wood frame, flat slope roof and sides aluminum covered, wood floor, erected on four reinforced concrete columns and tie beams, elevated 8'-0" over water, complete with electric wiring and fixtures and telephone installation, size I.D. 9'-1" x 9'-1" x 8'-0 1/2" high above floor which is 14'-8" x 10'-8".	1	Each					
			Direct	\$4,878.05				
			Indirect	4,719.64		\$96.20	\$9,693.89	
	<b><u>WOOD BUILDING, STATION NO. 7 ON SITE "N"</u></b>							
	A one story wood frame, flat slope roof and sides aluminum covered, erected on a 12" concrete slab, size 10'-8" x 10'-8" complete with electric wiring and fixtures and telephone installation. Size I.D. 9'-1" x 9'-1" x 8'-0 1/2" high.	1	Each					
			Direct	3,760.08				
			Indirect	3,184.83		78.00	7,022.91	
	<b><u>WOOD BUILDING, STATION NO. 7 ON SITE "P"</u></b>							
	A one story wood frame, flat slope roof and sides aluminum covered, erected on a 12" concrete slab, size 10'-8" x 10'-8", complete with electric wiring and fixtures and telephone installation. Size I.D. 9'-1" x 9'-1" x 8'-0 1/2" high.	1	Each					
			Direct	3,840.98				
			Indirect	3,159.13		79.82	7,079.93	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 67 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBER AND DATE:  
3E-5673.2 3/9/51

JOB NO. 729 - 19

CONTRACT NO. AT-129-11-507

LOCATION ENIWATOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Collimator Base

Building No.: Station 8

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>N.R.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>COLLIMATOR BASE, STATION 8 ON SITE "D - V"</u>							
	Reinforced concrete base 22'-0" x 9'-0" x 4'-0" below grade. Structural steel above grade, anchored to base and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks furnished by others.	1	Each					
			Direct	\$6,018.56		\$130.95	\$9,702.99	
			Indirect	3,553.48				
	<u>COLLIMATOR BASE, STATION 8 ON SITE "D - V"</u>							
	Reinforced concrete base 22'-0" x 9'-0" x 4'-0" below grade. Structural steel above grade, anchored to base and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks furnished by others.	1	Each					
			Direct	7,463.81		162.68	11,302.50	
			Indirect	3,676.01				

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



\*Not for use by A-E  
DATE OF THIS REPORT:  
15 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
32-5674 2/15/51

JOB NO. 729 - 19

CONTRACT NO. AT-(29-1)-507

LOCATION ENiwETOK ATOLL

For: The Complete Construction of Collimator Base  
Building No.: Stations 9

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>N.R.L. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>								
<u>COLLIMATOR BASE, STATION NO. 9 ON SITE "D - V"</u>								
Reinforced concrete base 9'-0" x 9'-0" x 4'-0" below grade. Structural steel above grade, anchored to base and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks furnished by others.		1	Each					
			Direct	\$4,424.28				
			Indirect	3,440.98		\$ 88.27	\$7,953.53	
<u>COLLIMATOR BASE, STATION NO. 9 ON SITE "E"</u>								
Reinforced concrete base 9'-0" x 9'-0" x 4'-0" below grade. Structural steel above grade, anchored to base and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks furnished by others.		1	Each					
			Direct	5,423.08				
			Indirect	3,252.28		113.56	8,788.92	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 69 OF 70

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 28

CONTRACT NO. AT-(29-1)-507

LOCATION ENiwETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

170-814 3/9/51  
30-5671 3/9/51

For: The Complete Construction of Steel Vaults

Building No.: Stations 421, 423 thru 429, 4210, 4211, 4212 and 4212a,  
4213, and 4214

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>METRO REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>STEEL VAULT, STATIONS #421, 423 thru 429, SITE "E"</u>							
	A basic steel box assembly, welded, wall thickness 1/2" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilised area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Station 429 varies in that the steel box wall thickness is 1/4". Instrument box is furnished by User.	8	Each	\$2,521.73				
			Indirect	2,831.06		\$40.67	\$5,393.46	
	<u>STEEL VAULT, STATIONS #4210, 4211, 4212, 4212a, SITE "S"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilised area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	4	Each	\$1,260.87				
			Indirect	1,415.53		\$20.34	\$2,696.74	
	<u>STEEL VAULT, STATION #4213, SITE "T"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilised area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	1	Each	\$315.22				
			Indirect	353.88		\$5.09	\$674.19	
	<u>STEEL VAULT, STATION #4214, SITE "P"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilised area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	1	Each	\$315.22				
			Indirect	353.88		\$5.09	\$674.19	

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\$674.19 CAUTION

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

PROJECT DRAWING NUMBER AND DATE:

JOB NO. 729 - 28

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

170-014 3/9/51  
30-5671 3/9/51

For: The Complete Construction of Steel Vaults

Building No.: Stations 4224a,b,c, and 4226a,b

ESTIMATE

PROPERTY ACCOUNT NUMBER	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			Total	*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost		
	<p><u>DETAILS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></p> <p><u>STEEL VAULTS, STATIONS #4224a, b, c, and 4226a, b, SITE "C"</u></p> <p>A basic steel box assembly, welded, wall thickness 1/2" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilized area with a concrete cast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.</p>	5	Each Direct Indirect	\$1,576.09 1,769.41		\$25.43	\$3,370.93	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

**S** ~~SECRET~~

SHEET NO. 71 OF 71

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 28

CONTRACT NO. AT-129-17-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951170-814 3/9/51  
30-5671 3/9/51

For: The complete construction of Steel Vaults

Building No.: Stations 4215, 4216, 4217 thru 4221,  
4221a, 4222, and 4223

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Allocation of Charges to Units
	<u>METRE REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>STEEL VAULT, STATIONS #4215 and 4216, SITE "Q"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilized area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	2	Each	\$630.44		\$10.17	\$1,348.37	
			Indirect	707.76				
	<u>STEEL VAULT, STATIONS #4217 thru 4221, 4221a, SITE "D-V"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilized area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	6	Each	\$1,891.31		\$30.51	\$4,045.11	
			Indirect	2,123.29				
	<u>STEEL VAULT, STATION #4222, SITE "R"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilized area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	1	Each	\$315.22		\$5.09	\$674.19	
			Indirect	353.88				
	<u>STEEL VAULT, STATION #4223, SITE "N"</u>							
	A basic steel box assembly, welded, wall thickness 1/4" with type 2 cover plate, size 30" x 30" x 30", located in a 24'-0" diameter stabilized area with a concrete mast base in the center and four anchor piers located on the perimeter 90° apart. Instrument box is furnished by User.	1	Each	\$315.22		\$5.09	\$674.19	
			Indirect	353.88				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
9 March, 1951

AS-BUILT DRAWING NUMBERS AND DATES:

28-641.4 - 3/9/51  
38-038 - 3/9/51

JOB NO. 729 - 22

CONTRACT NO. AT-129-11-507

LOCATION ENiwSTOK ATOLL

For: The Complete Construction of Thermal Exposure Building

Building No.: Stations 75

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b><u>T.B. - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>								
<b><u>THERMAL EXPOSURE BUILDING, STATION 75, SITE "B"</u></b>								
Reinforced concrete structure, partly below grade, 12" thick walls and roof, 1 1/4" thick floor, insulated on 3 sides and roof; explosion door; electric service; six openings on side. Size O.D. 7'-7 5/8" x 22'-10" x 7'-8" high with foundation 3'-5" below grade and ramp to entrance.		1	each					
			Direct	\$4,769.71				
			Indirect	3,464.28		\$124.37	\$8,358.36	
<b><u>THERMAL EXPOSURE BUILDING, STATION 75, SITE "B"</u></b>								
Reinforced concrete structure, partly below grade, 12" thick walls and roof, 1 1/4" thick floor, insulated on 3 sides and roof; explosion door; electric service; six openings on side. Size O.D. 7'-7 5/8" x 22'-10" x 7'-8" high with foundation 3'-5" below grade and ramp to entrance.		1	each					
			Direct	5,135.08				
			Indirect	4,154.47		135.79	9,425.30	

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

SHEET NO. 73 OF       

SFO-43  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 22

CONTRACT NO. AT-(129-1)-507

LOCATION ENINETOX ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

9 March 1951

28-642.2 - 3/9/51  
38-078 - 3/9/51

For: The Complete Construction of Thermal Exposure Building

Building No.: Station 76

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>T.S. - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>THERMAL EXPOSURE BUILDING, STATION 76, SITE "H"</u></b>							
	A one-story reinforced concrete structure with 1'-2" foundation and floor slab set 3'-3" below grade with earth slope to entrance, size O.D. 6'-4" x 22'-2" x 7'-4" high with 3" "fiberglass" insulation inside, complete with electrical wiring and fixtures.	1	each	\$2,805.10				
			Indirect	2,647.75		\$71.61	\$5,524.46	
	<b><u>THERMAL EXPOSURE BUILDING, STATION 76, SITE "G"</u></b>							
	A one-story reinforced concrete structure with 1'-2" foundation and floor slab set 3'-3" below grade with earth slope to entrance, size O.D. 6'-4" x 22'-2" x 7'-4" high with 3" "fiberglass" insulation inside, complete with electrical wiring and fixtures.	1	each	3,331.80				
			Indirect	3,155.48		86.35	6,573.63	

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

APPROVED DRAWING NUMBER AND DATE IS:

31-644.6 - 3/9/51  
3E-038 - 3/9/51

JOB NO. 729 - 22

CONTRACT NO. AT-(29-11)-507

LOCATION ENiwETOK ATOLL

For: The Complete Construction of Thermal Exposure Building

Building No.: Stations 77, 78, 79

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<b>T.B. - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>								
<b><u>THERMAL EXPOSURE BUILDING, STATION 77, SITE "T"</u></b>								
Wood structure on concrete slab. O.D. 6'-2 1/2" x 22'-0 1/2" x 7'-3 1/8". O.D. slab area 138 square feet. I.D. volume 396 cubic feet. Plywood sheathing inside finish; blanket insulation between studs and joists, sides and ceiling. 2" x 8" redwood sheathing all sides, with outside aluminum covering top and sides. Floor 2'-3" below grade, slope to entrance, complete with electric wiring and fixtures.		1	each	\$16,270.07				
			Direct	\$12,472.57		\$445.51	\$29,188.15	
			Indirect					
<b><u>THERMAL EXPOSURE BUILDING, STATION 78, SITE "T"</u></b>								
Wood structure on concrete slab. O.D. 6'-2 1/2" x 22'-0 1/2" x 7'-3 1/8". O.D. slab area 138 square feet. I.D. volume 396 cubic feet. Plywood sheathing inside finish; blanket insulation between studs and joists, sides and ceiling. 2" x 8" redwood sheathing all sides, with outside aluminum covering top and sides. Placed on a raft consisting of pontoons and oil drums strapped to a 2" x 8" timber deck, size 10'-0" wide x 21'-5 1/4" long.		1	each	6,323.81				
			Direct	4,434.86		180.19	10,938.86	
			Indirect					
<b><u>THERMAL EXPOSURE BUILDING, STATION 79, SITE "C"</u></b>								
Wood structure on concrete slab. O.D. 6'-2 1/2" x 22'-0 1/2" x 7'-3 1/8". O.D. slab area 138 square feet. I.D. volume 396 cubic feet. Plywood sheathing inside finish; blanket insulation between studs and joists, sides and ceiling. 2" x 8" redwood sheathing all sides, with outside aluminum covering top and sides. Floor 2'-3" below grade, slope to entrance, complete with electric wiring and fixtures.		1	each	5,000.40				
			Direct	4,019.67		138.09	9,158.16	
			Indirect					
<b><u>THERMAL EXPOSURE BUILDING, STATION 79, SITE "P"</u></b>								
Wood structure on concrete slab. O.D. 6'-2 1/2" x 22'-0 1/2" x 7'-3 1/8". O.D. slab area 138 square feet. I.D. volume 396 cubic feet. Plywood sheathing inside finish; blanket insulation between studs and joists, sides and ceiling. 2" x 8" redwood sheathing all sides, with outside aluminum covering top and sides. Floor 2'-3" below grade, slope to entrance, complete with electric wiring & fixtures.		1	each	2,315.12				
			Direct	2,334.47		58.95	4,708.54	
			Indirect					

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 75 OF

\*Not for use by A-E

DATE OF THIS REPORT:

2 April 1951

SFO-43 a  
(3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

37-644.6 - 4/2/51  
30-5699.1 - 4/2/51

JOB NO. 729 - 22

CONTRACT NO. AT-129-11-907

LOCATION KINNETOK ATOLL

For: The Complete Construction of Thermal Exposure Building

Building No.: Station 78

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract	Total Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<b><u>T.B. - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>THERMAL EXPOSURE BUILDING, STATION 78, SITE "C"</u></b>							
	A wood structure, O.D. 6'-2 1/2" x 22'-0 1/2" x 7'-3 1/8". O.D. area 138 square feet. I.D. volume 396 cubic feet. Plywood sheathing inside finish; blanket insulation between studs and joists, sides and ceiling. 2" x 8" redwood sheathing all sides, with outside aluminum covering top and sides, placed on a raft consisting of pontoons and oil drums strapped to a 2" x 8" timber deck, size 10'-0" wide x 21'-5 1/4" long.							
		1	each					
			Direct	\$4,213.60				
			Indirect	3,359.07		116.51	7,689.18	

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ATOMIC ENERGY COMMISSION  
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SHEET NO. 76 OF

## COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 22

CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ATOLL

DATE OF THIS REPORT:

3B-5618 - 3/9/51

9 March 1951

For: The Complete Construction of Phantom Sphere

Building No.: Stations 80a Thru e

## ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>T.B. - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u></b>							
	<b><u>PHANTOM SPHERE, STATION 80a Thru e, SITE "D-V"</u></b>							
	A reinforced concrete slab, accurately located, size 12'-0" x 4'-0" x 1'-0" thick, one inch above grade, "fixture to be furnished by user". Cubic content 1.8 cubic yards, each.	5	each					
			Direct	\$1,203.45				
			Indirect	1,325.61		\$26.77	\$2,555.83	
	<b><u>PHANTOM SPHERE, STATION 80a Thru d, SITE "E"</u></b>							
	A reinforced concrete slab, accurately located, size 12'-0" x 4'-0" x 1'-0" thick, one inch above grade, "fixture to be furnished by user". Cubic content 1.8 cubic yards, each.	4	each					
			Direct	942.83				
			Indirect	1,085.46		20.91	2,049.20	

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COMPLETION REPORT FOR

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SHEET NO. 17 OF

SFO-43  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

3E-5642 - 3/9/51

JOB NO. 729 22

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

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DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Phantom Pig Container

Building No.: Station 81 and 82

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Proration of Charges to Units
	<b>T.B. - REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
	<b><u>PHANTOM PIG CONTAINER, STATION 81, SITE "E"</u></b>							
	A 12" reinforced concrete slab, size 10'-0" x 13'-0" with a center extension 4'-0" x 12'-0", with the top surface 1" above grade. The fixture, cylinder, legs and construction jigs furnished by user.	1	each					
			Direct	\$ 642.23				
			Indirect	640.61		\$15.03	\$1,297.87	
	<b><u>PHANTOM PIG CONTAINER, STATION 82, SITE "S"</u></b>							
	A 12" reinforced concrete slab, size 10'-0" x 13'-0" with a center extension 4'-0" x 12'-0", with the top surface 1" above grade. The fixture, cylinder, legs and construction jigs furnished by user.	1	each					
			Direct	615.69				
			Indirect	552.02		14.30	1,182.01	

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COMPLETION REPORT FOR

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DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 20

CONTRACT NO. AT-(29-1)-507

LOCATION ENNETOK ATOLL

For: The Complete Construction of Limonite Collimator Blocks

10 February 1951

Building No.: Stations 10, 11, 12, 14, 15, 19

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost		Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
				Direct	Indirect				
<u>I - 3 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</u>									
<u>LIMONITE COLLIMATOR BLOCKS, STATIONS 10, 11, 12, 14, 15, and 19, SITE "C"</u>									
Reinforced concrete base below grade. Structural steel above grade, anchored to base, and providing means for adjusting and clamping collimator blocks into proper position. Collimator blocks are furnished by others.									
	STATION 10 - TOTAL	1	Each	Direct	\$9,243.63				
				Indirect	5,485.22		\$247.65	\$14,976.50	
	STATION 11 - TOTAL	1	Each	Direct	7,905.47				
				Indirect	4,336.19		213.28	12,454.94	
	STATION 12 - TOTAL	1	Each	Direct	9,121.37				
				Indirect	5,372.68		243.80	14,737.85	
	STATION 14 - TOTAL	1	Each	Direct	5,976.96				
				Indirect	3,181.37		162.18	9,320.51	
	STATION 15 - TOTAL	1	Each	Direct	5,684.46				
				Indirect	2,750.01		156.57	8,591.04	
	STATION 19 - TOTAL	1	Each	Direct	5,484.02				
				Indirect	2,833.44		149.04	8,466.50	

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SHEET NO. 81 OF     

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 20

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

17E-5207 - 6/7/51

For: The Complete Construction of Existing Gamma Stations and Winch Bases

7 June 1951

Building No.: Stations 13 and 17

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>J - 3 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</u>							
	<u>GAMMA STATION NO. 13, SITE "C"</u>							
	An existing structure.	1	Each					
			Direct	\$ 11.52		\$ .15	\$ 21.36	
			Indirect	9.69				
	<u>GAMMA STATION NO. 13, SITE "E"</u>							
	An existing structure.	1	Each					
			Direct	1,019.81		19.69	2,293.93	
			Indirect	1,254.43				
	<u>WINCH BASE, STATION NO. 17, SITE "C"</u>							
	An existing structure, rehabilitated.	1	Each					
			Direct	261.92		5.79	591.79	
			Indirect	324.08				
	<u>WINCH BASE, STATION NO. 17, SITE "D"</u>							
	An existing structure, rehabilitated.	1	Each					
			Direct	122.41		2.62	292.06	
			Indirect	167.03				

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 20

CONTRACT NO. AT-(29-1)-507

LOCATION ENiwETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

For: The Complete Construction of Existing Gamma Stations and Winch Bases

7 June 1951

Building No.: Stations 13 and 17

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>I - 3 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS - CONT.</u>							
	<u>WINCH BASE, STATION NO. 17, SITE "E"</u>							
	An existing winch and base, size approximately 9'-6" x 10'-3" x 5'-0"; 98 cubic yards of concrete. Rehabilitated for the first test on this site.	1	Each Direct Indirect	\$ 512.46 640.57		\$ 11.03	\$1,164.06	

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SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:

APPROVED DRAWING NUMBER AND DATE:

JOB NO. 729 - 20

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

9G-539.1 - 1/27/51    9G-628.5 - 3/9/51  
9G-628.4 - 2/2/51    9G-539.1 - 3/9/51  
9G-628    - 3/9/51  
9G-539    - 3/9/51

For: The Complete Construction of Salt Water Pumphouse

2 February 1951

Building No.: Station No. 18

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. value Govt. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>J - 3 REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS</u></b>							
	<b><u>SALT WATER PUMPHOUSE, STATION 18, SITE "C"</u></b>							
	One story reinforced concrete structure; rectangular shape. Size I.D. 4'-0" x 6'-0" x 6'-6" high. Reinforced concrete slab 6'-8" x 8'-8" x 10" thick. Floor area O.D. 43 square feet. Cubic content I.D. 156 cubic feet. Complete with explosion proof door, pump and piping, electrical power, light, and telephone service.	1	Each					
			Direct	\$3,247.08		\$77.00	\$6,574.48	
			Indirect	3,250.40				
	<b><u>SALT WATER PUMPHOUSE, STATION 18, SITE "D - V"</u></b>							
	One story reinforced concrete, 14" foundation and floor slab, grade level, 10" walls and flat roof, size O.D. 6'-0" x 5'-8" x 7'-4" above grade, salt water pump station and wall, piping, pump, electrical wiring and fixtures, and telephone installation.	1	Each					
			Direct	2,767.38		65.32	5,186.89	
			Indirect	2,354.19				
	<b><u>SALT WATER PUMPHOUSE, STATION 18, SITE "E"</u></b>							
	One story reinforced concrete structure; rectangular shape. Size I.D. 4'-0" x 6'-0" x 6'-6" high. Reinforced concrete slab 6'-8" x 8'-8" x 10" thick. Floor area O.D. 43 square feet. Cubic content I.D. 156 cubic feet. Complete with explosion proof door, pump and piping, electrical power, light, and telephone service.	1	Each					
			Direct	5,386.24		128.53	10,142.73	
			Indirect	4,627.96				

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DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 33

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Test Structure

Building No.: Station No. 351

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>A. E. C. REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATION</u>							
	<u>TEST STRUCTURE, STATION NO. 351, SITE "T"</u>							
	Flywood structure, 8'-0" x 8'-0" x 32'-0", prefabricated, containing various types and strengths of window pane. Anchored to ground by means of six 1/2" cables passing over the top of the structure and anchored to buried telephone poles on either side of the structure.							
		1	Each					
			Direct	\$6,757.92				
			Indirect	3,431.37		\$ 11.67	\$10,200.96	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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SHEET NO. 85 OF

SFO-43 a  
(3-50)

Not for use by AEC  
DATE OF THIS REPORT  
2 April 1951

AN- (BUILDING DRAWING) NUMBERS AND DATES:

3G-5651.6 4/2/51 3G-5437 4/2/51  
3G-5653.5 4/2/51  
3G-5654.5 4/2/51  
3G-5656.5 4/2/51  
3V-041 4/2/51

JOB NO. 729 - 26

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

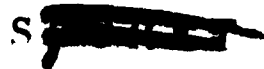
For: The complete construction of Block House at Cab Base

Building No.: Station No. 131

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Contract Cost	Est'd. Value of Material Furnished	Engineering Cost	Total	Explanation of Charges to Units
	<u>UCRL AND NRL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>BLOCK HOUSE, STATION NO. 131 ON SITE "D -V"</u>							
	A reinforced limonite concrete structure, size O.D. 12'-6" x 15'-8" x 10'-11" high, erected on a 5'-0" thick concrete foundation of reinforced coral concrete set on steel piling. 4 pieces 12" dia. x 4'-0" long steel pipe sleeves installed in floor, 4 pieces tubing 1 1/2" dia. x 4'-9" long extended from chamber to 2" above roof. Chamber closure will be accomplished by use of limonite concrete cubes. The building is complete with air conditioning, electrical wiring, fixtures and ducts for instrumentation connections. Chamber size I.D. 5'-2" x 8'-0" x 6'-4" high. A limonite slab 30" thick extends from entrance to Station No. 143.	1	Each					
			Direct	\$40,536.76				
			Indirect	15,856.78		\$2,206.08	\$58,599.62	
	Grouting Program Lump Sum		Direct	10,448.74				
			Indirect	13,398.26		- 0 -	23,847.00	
	Total Station 131		Direct	50,985.50				
			Indirect	29,255.04		2,206.08	82,446.62	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR



\*Not for use by A-E  
DATE OF THIS REPORT:  
9 March 1951

JOB NO. 729 - 26

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

3E-5661.1 3/9/51  
3E-5319 3/9/51  
3E-5440 3/9/51

For: The Complete construction of Connecting Pit and Detector

Building No.: Station No. 131a

ESTIMATE

DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>UCRL AND NRLX REQUIRED CONSTRUCTION AND LOCATION FOR THE FOLLOWING STATIONS:</u>							
<u>CONNECTING PIT AND DETECTOR, STATION NO. 131a ON SITE "E"</u>							
<p>A reinforced limonite concrete structure, on a coral concrete foundation, size O.D. 14'-0" x 11'-10" x 10'-11" high, with one end opening to an adjoining limonite slab 14'-0" x 10'-9" x 2'-6" thick, 4" coral slab at opposite end, total 70 cubic yards limonite concrete and 35 cubic yards of coral concrete including the connection pit on the opposite side of the limonite slab. The pit size I.D. is 9'-0" x 9'-0" x 6'-0" deep with 8" walls and floor slab sloping to a sump pit in one corner. The overall dimensions are 41'-1" x 14'-0" x 10'-11" above grade and bottom of the pit 6'-8" below grade. The structure is to be closed, later, under the supervision of the user, with 578 limonite cubes size 7 7/8" x 7 7/8" x 7 7/8". The completed structure includes electric wiring and fixtures, plumbing and dehumidification equipment.</p>							
	1	Each					
		Direct	\$47,698.03				
		Indirect	21,161.75		\$2,486.06	\$71,345.84	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 87 OF \_\_\_\_\_

SFO-430  
(3-50)

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AS-BUILT DRAWING NUMBER AND DATES:

JOB NO. 729 - 26

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

DATE OF THIS REPORT:

3E-5664-2 2/21/51 3E-5645.3 2/21/51  
3E-5317 2/21/51 3E-083 2/21/51  
3E-5441 2/21/51 3E-5439 4/29/51  
3D-082-1 2/21/51 3D-5176 3/9/51

21 February 1951

For: The complete construction of Recording Station, Termination Power Supply and Recording Building, Tents  
Building Nos: Station 132a thru f, 132h

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND WRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>RECORDING STATION NO. 132a ON SITE "E"</u>							
	A reinforced concrete structure, size O.D. 14'-4" x 18'-4" x 11'-2" high with 1'-7" thick floor and roof and 1'-2" thick walls with two sloping wing walls each 1'-2" thick x 14'-0" long set 30° from side walls with a 4" reinforced entrance apron on footings between the wing walls, a 5'-0" thick banked earth fill covers the roof, sides and rear end. A shed type wood roof covers the entrance apron. The structure is complete with inside and outside entrance doors - explosion proof, electric wiring and fixtures, telephone installation, and dehumidification equipment.	1	Each					
	<u>TERMINATION, POWER SUPPLY AND RECORDING BUILDING STATION NO. 132b, c and d ON SITE "E"</u>							
	A reinforced concrete structure, size O.D. 15'-0" x 31'-0" x 12'-2" high with 2'-1" thick floor and roof and 1'-6" thick walls with two front sloping wing walls 1'-2" thick x 14'-0" long set 30° from side walls with a 4" entrance slab between, covered by a roof - wood shed type. A retaining wall 5'-0" high x 1'-0" thick x 15'-0" wide across the front retains the 5'-0" depth of earth fill over the roof and also supports the entrance roof. The structure is complete with inserts for 3/8 bolts in walls and ceiling, electric wiring, fixtures, and dehumidification units. Entrance is made thru inner and outer explosion proof doors.	3	Each					
	<u>TENT STATION NO. 132 e and f ON SITE "E"</u>							
	Tent on a 4" concrete slab, size 16'-0" x 32'-0" with electric wiring and fixtures.	2	Each					
	<u>TENT STATION 132h ON SITE "E"</u>							
	A one story, wood frame, shed roof and sides canvas covered, anchored to a 5" reinforced concrete floor slab with footings and entrance pad. Size O.D. 28'-0" x 20'-0" x 9'-6" high, complete with electric wiring and fixtures and work benches around two sides and one end.	1	Each					
	Total Cost Station Nos. 132a, b, c, d, e, f, h			Direct \$80,762.15 Indirect 47,451.11		\$3,959.72	\$132,172.98	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE



COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

30-5629,7 4/2/51  
30-078 4/2/51  
30-5626 4/2/51  
30-5628,3 4/2/51

JOB NO. 729 - 26

CONTRACT NO. AI-129-1)-507

LOCATION ENINETOK ATOLL

For: The Complete Construction of Recording Station, Power Supply, T.L. Termination  
Work and Storage Tent, Photo Trailer  
Building No.: Station Nos. 132a thru g

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>DCRL AND WRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
	<b><u>RECORDING STATION 132a AND b ON SITE "D - V"</u></b>							
	A reinforced concrete structure, size O.D. 30'-2" x 36'-8" x 15'-0" high, with 36" thick floor and roof reinforced with reinforcing and structural steel, exterior walls 2'-4" thick reinforced concrete, interior dividing wall 1'-6" thick reinforced concrete. A reinforced concrete retaining wall 12" thick x 30'-2" long sets on face wall. Earth fill at rear of structure and over top to depth of 5'-0". Each compartment complete with two explosion proof doors, sleeves through walls, inserts for bolts, electrical wiring and fixtures and air conditioning. Installed equipment includes two air conditioning units.	2	Each					
	<b><u>POWER SUPPLY STATION 132c ON SITE "D - V"</u></b>							
	Two sloping reinforced concrete wing walls attached to Stations No. 132a and 132b, 1'-2" thick x 14'-0" long x 12'-4" mean height, set on concrete foundations, and 4" concrete floor slab, with temporary wood shelter to be removed before final earth fill. Complete with electrical wiring and fixtures and drains.	1	Each					
	<b><u>T.L. TERMINATION STATION 132d ON SITE "D - V"</u></b>							
	Temporary wood shelter size O.D. 12'-0" x 36'-4 3/8" x 10'-4", plywood roof covered with mopped on 15/ roofing felt, earth floor. Complete with electrical wiring and fixtures.	1	Each					
	<b><u>WORK AND STORAGE TENT STATION 132e AND f ON SITE "D - V"</u></b>							
	8 man tent with wood frame on 4" concrete slab.	2	Each					
	<b><u>PHOTO TRAILER STATION NO. 132g ON SITE "D - V"</u></b>							
	Supplied by user.							
	Total Cost Station No. 132 a, b, c, d, e, f and g		Direct	\$97,148.93				
			Indirect	53,353.67		\$4,928.69	\$155,431.29	
	<b>CAUTION</b>							
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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR



AS-BUILT DRAWING NUMBERS AND DATES:

3D-5176 3/9/51

JOB NO. 729 - 26

CONTRACT NO. AT-(29-1)-507

LOCATION MINISTOK

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DATE OF THIS REPORT:

9 March 1951

For: The Complete Construction of Tent

Building No.: Station No. 132h

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND HRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>TENT, STATION NO. 132h ON SITE "D - V"</u>							
	A one story, wood frame, shed roof and sides canvas covered, anchored to a 5" reinforced concrete floor slab with footings and entrance pad. Size O.D. 28'-0" x 20'-0" x 9'-6" high, complete with electric wiring and fixtures and work benches around two sides and one end.	1	Each Direct Indirect	\$1,387.56 762.04		\$70.40	\$2,220.00	

**CAUTION**

*[Faint, mostly illegible text at the bottom right of the page, possibly a disclaimer or warning.]*

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE



COMPLETION REPORT FOR

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DATE OF THIS REPORT:

JOB NO. 729 - 26

CONTRACT NO. AI-(29-1)-507

LOCATION ENiwETOK ATOLL

2 April 1951

DRAWING NUMBER AND DATE  
30-088-3 4/2/51

For: The Complete Construction of Tents

Building No.: Station No. 133 and 134

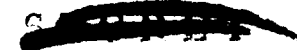
ESTIMATE

Description of Property Units	Quantity	Unit	Construction Contract Cost		Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
			Direct	Indirect				
<u>UCRL AND NRL REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>								
<u>TENT, STATION 133 ON SITE "D"</u>								
An eight man tent, wood frame anchor bolted to 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each	\$635.66	582.51		\$28.45	\$1,246.62	
<u>TENT, STATION 134 ON SITE "D"</u>								
An eight man tent, wood frame anchor bolted to 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each	832.06	698.83		38.67	1,569.56	

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ATOMIC ENERGY COMMISSION  
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COMPLETION REPORT FOR



AS-BUILT DRAWING NUMBERS AND DATES:

30-082-3 4/2/51

JOB NO. 729 - 26

CONTRACT NO. AT-129-11-507

LOCATION ENIWE TOK ATOLL

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DATE OF THIS REPORT:  
2 April 1951

For: The Complete Construction of Tent

Building No.: Station Nos. 133 and 134

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Unit
	<u>UCRL AND HRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>TEST STATION NO. 133 ON SITE "E"</u>							
	An eight man tent and wood frame bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each					
			Direct	\$756.55				
			Indirect	355.97		\$34.42	\$1,146.94	
	<u>TEST STATION NO. 134 ON SITE "E"</u>							
	An eight man tent and wood frame bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	1	Each					
			Direct	847.41				
			Indirect	742.66		39.95	1,630.02	

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ATOMIC ENERGY COMMISSION  
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COMPLETION REPORT FOR

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SHEET NO. 92 OF \_\_\_\_\_

SFO-43 a  
(3-50)

AS-BUILT DRAWING NUMBERS AND DATES:

3W-5173 4/2/51  
3W-041 4/2/51  
3G-5437 4/2/51

JOB NO. 729 - 26

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

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DATE OF THIS REPORT:

2 April 1951

For: The Complete Construction of Building

Building No.: Station 135

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Fst'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND WRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>BUILDING, STATION 135 ON SITE "D - V"</u>							
	A one story, shed roof, wood and corrugated aluminum building, size O.D. 7'-7 1/4" x 7'-1 1/4" x 7'-6" high (mean), set on concrete tower cap. Complete with electrical wiring and fixtures and air conditioning.	1	Each					
			Direct	\$1,874.33				
			Indirect	1,839.66		\$84.53	\$3,798.52	
	<u>WOOD HUT, STATION 135 ON SITE "E"</u>							
	A one story wood frame lean-to, attached to Station 131a, corrugated roof and sides, erected on a reinforced 5" concrete slab, size 7'-7 1/4" x 12'-1 1/4", structure size O.D. 8'-7 1/4" x 7'-7 1/4" x 7'-6" high, inside finished for dehumidification, complete with electric wiring and fixtures.	1	Each					
			Direct	1,042.43				
			Indirect	1,251.95		43.95	2,338.33	

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SANTA FE OPERATIONS OFFICE  
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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 26

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:

For: The Complete Construction of Tent, Miscellaneous Equipment and Services

Building No.: Station No. 140, 140b, 142c, 144c

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND NRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>MISCELLANEOUS STATION NO. 140 AND 140b ON SITE "D - V"</u>							
	Miscellaneous equipment and/or services for tower.	1	Each					
			Direct	\$407.31				
			Indirect	355.81		\$19.22	\$ 782.34	
	<u>MISCELLANEOUS STATION NO. 140 ON SITE "E"</u>							
	Miscellaneous equipment and/or services for tower.	1	Each					
			Direct	720.11				
			Indirect	772.57		31.78	1,524.46	
	<u>MISCELLANEOUS STATION NO. 142c ON SITE "D"</u>							
	Miscellaneous equipment and/or services for Machine Shop Trailer.	1	Each					
			Direct	385.94				
			Indirect	10.21		23.23	419.38	
	<u>MISCELLANEOUS STATION NO. 142c ON SITE "E"</u>							
	Miscellaneous equipment and/or services for Machine Shop Trailer.	1	Each					
			Direct	31.40				
			Indirect	41.84		1.26	74.50	
	<u>STORAGE TENT, STATION 144c ON SITE "E"</u>							
	Storage tent.	1	Each					
			Direct	1,053.14				
			Indirect	1,403.12		42.28	2,498.54	

11/11/51

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

3G-5143.5 3/9/51  
3G-080 3/9/51  
3G-5447 3/9/51  
3E-081 4/2/51

JOB NO. 729 - 26

CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Pump House, Power Supply and Test Building  
Magnet Power Supply, Work and Storage Buildings

Building No.:

Stations 141a and b, 142a and b

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND NRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>PUMPHOUSE POWER SUPPLY AND TEST BUILDING, STATIONS NO. 141a AND b ON SITE "D - V"</u>							
	A one story, wood frame, shed roof of mineral felt, sides corrugated aluminum, erected on 5" reinforced concrete floor slab with foundation footings and ramp to Station 143, size O.D. 36'-0 1/2" x 14'-7 1/4" x 9'-0" mean height. A partition divides the building into 141 a and 141 b which is vapor sealed. The building is complete with electric wiring and fixtures and dehumidification equipment.	1	Each	Direct \$9,122.38 Indirect 4,715.23		\$477.30	\$14,314.91	
	<u>PUMPHOUSE POWER SUPPLY AND TEST BUILDING, STATIONS NO. 141a AND b ON SITE "E"</u>							
	A one story, wood frame, shed roof on mineral felt, sides corrugated aluminum, erected on 5" reinforced concrete floor slab with foundation footings and ramp to Station 143, size O.D. 36'-0 1/2" x 14'-7 1/4" x 9'-0" mean height. A partition divides the building into 141 a and 141 b which is vapor sealed. The building is complete with electric wiring and fixtures and dehumidification equipment.	1	Each	Direct 13,192.17 Indirect 8,562.82		651.98	22,406.97	
	<u>MAGNET POWER SUPPLY AND WORK AND STORAGE BUILDING, STATIONS NO. 142a AND b ON SITE "D-V"</u>							
	A one story, wood frame, shed roof of mineral felt, sides corrugated aluminum erected on a 5" reinforced concrete floor slab with foundation footings, size 41'-0 1/2" x 14'-7 1/4" x 9'-0" mean height. A partition divides the building into 142a and 142b. The building is complete with electric wiring and fixtures, and dehumidification equipment.	1	Each	Direct 7,462.31 Indirect 4,953.60		372.75	12,788.66	

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COMPLETION REPORT FOR



SHEET NO. 95 OF

WFO-436  
(3-50)

FORM NO. 729 - 26

ENIWEKOK ATOLL

2 April 1951

3E-5670 4/2/51 3G-5651.6 3/9/51  
3E-081 4/2/51 3G-080 3/9/51  
3G-5437 3/9/51  
3G-5653 3/9/51

T. L. Pit  
Station No. 143

Project  
Account  
Number

SECTION OF PROPERTY UNIT

UCRL AND MRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:

T. L. PIT, STATION NO. 143 ON SITE "E"

A reinforced concrete connection pit, size I.D. 10'-0" x 16'-0" x 5'-3" deep, 8" floor slab and walls, with ramp to Station 141a and trench to base of tower, sump pump. A 12" thick reinforced concrete retaining wall 5'-3" high x 25'-9 1/4" long, with reinforced concrete foundation, is attached to pit. A 4" concrete side walk, 3'-0" wide x 31'-0" long between retaining wall and Station 141a and b complete with electric wiring and fixtures and piping.

Quantity	Unit	Construction Contract Cost	Estimated Value of Materials	Engineering Cost	Other	Total Contract Cost
1	Each					
	Direct	\$4,910.80				
	Indirect	4,146.10		\$196.21		\$9,253.11

T. L. PIT, STATION NO. 143 ON SITE "D - V"

A reinforced concrete connection pit, size I.D. 11'-0" x 16'-9" x 5'-3" depth 8" floor slab with 8" walls, with ramp to Station 141a, tunnel opening to tower base, sump pump and plumbing, and electric wiring and fixtures.

1	Each					
	Direct	5,528.81				
	Indirect	5,797.48		241.53		11,567.82

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 April 1951

PROJECT OR DRAWING NUMBER AND DATE:

JOB NO. 729 - 26

CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ATOLL

3E-5684,1 4/2/51  
3V-5687,1 4/2/51  
3G-5325 4/2/51  
3E-5688,1 4/2/51  
3E-5697 4/2/51  
3E-5448 4/2/51

For: The Complete Construction of Ganex Limonite Blockhouse  
Building No.: Station No. 144a

ESTIMATE

Project Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND MRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>GANEX LIMONITE BLOCKHOUSE, STATION NO. 144a ON SITE "D - V"</u>							
	A reinforced limonite concrete structure size O.D. 14'-0" x 14'-6" x 14'-0" high, provides one room in the center, size I.D. 4'-0" x 6'-0" x 7'-0" to ceiling, with one wall open and barricade, later to be closed with 772 limonite cubes, size 7 7/8" x 7 7/8" x 7 7/8", opposite wall contains a steel 16 tube alignment rack, electric wiring and fixtures, and underground piping from Station 144b for de-humidification.	1	Each					
			Direct	\$49,353.53				
			Indirect	11,686.89		\$1,816.05	\$62,856.47	
	<u>GANEX LIMONITE BLOCKHOUSE, STATION NO. 144a ON SITE "E"</u>							
	A reinforced limonite concrete structure size O.D. 14'-0" x 14'-6" x 14'-0" high, provides one room in the center, size I.D. 4'-0" x 6'-0" x 7'-0" to ceiling, with one wall open and barricade, later to be closed with 772 limonite cubes, size 7 7/8" x 7 7/8" x 7 7/8", opposite wall contains a steel 16 tube alignment rack, electric wiring and fixtures, and underground piping from Station 144b for de-humidification.	1	Each					
			Direct	21,508.78				
			Indirect	13,213.14		642.15	35,364.07	

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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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SHEET NO. 97 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBERS AND DATES:

38-5163 4/2/51  
30-5325 4/2/51  
38-5448 4/2/51

JOB NO. 729 - 26

CONTRACT NO. AT-(29-11-507)

LOCATION ENIWETOK ATOLL

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 April 1951

For: The Complete Construction of Ganex Auxiliary Wooden Hut

Building No.: Station No. 144b

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	unit	Construction Contract Cost	Est'd. value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND NRLK REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>GANEX AUXILIARY WOODEN HUT, STATION NO. 144b ON SITE "D - V"</u>							
	A one story wood frame building, shed roof of mineral felt, siding of corrugated aluminum erected on a 5" reinforced concrete floor slab, size O.D. 17'-0" x 10'-7 3/4" x 8'-8 1/4" high, two rooms one vapor sealed, complete with electric wiring and fixtures and dehumidification equipment.							
		1	Each					
			Direct	\$7,727.29				
			Indirect	3,297.18		\$417.58	\$11,442.05	
	<u>GANEX AUXILIARY WOODEN HUT, STATION NO. 144b ON SITE "E"</u>							
	A one story wood frame building, shed roof of mineral felt, siding of corrugated aluminum erected on a 5" reinforced concrete floor slab, size O.D. 17'-0" x 10'-7 3/4" x 8'-8 1/4" high, two rooms one vapor sealed, complete with electric wiring and fixtures and dehumidification equipment.							
		1	Each					
			Direct	3,469.57				
			Indirect	3,023.00		156.10	6,648.67	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

\*Not for use by A-E  
DATE OF THIS REPORT:  
2 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729 - 26

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

3E-5696 4/2/51  
3E-5695.1 4/2/51

For: The Complete Construction of Ganex Collimator Towers #1, #2  
Building No.: Stations 145 and 146

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>UCRL AND NRLX REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>GANEX COLLIMATOR TOWER #1, STATION 145 ON SITE "D - V"</u>							
	A steel tower size 10'-0" x 10'-0" x 29'-8 5/8" high with timber deck, steel ladder, chain hoist and trolley, erected on a reinforced concrete foundation and footings 4'-0" minimum below grade.	1	Each					
			Direct	\$4,695.33				
			Indirect	2,009.24		\$251.51	\$6,956.08	
	<u>GANEX COLLIMATOR TOWER #2, STATION 146 ON SITE "D - V"</u>							
	A steel tower, size 10'-0" x 10'-0" x 19'-9 3/16" high, with timber deck, steel ladder, chain hoist and trolley, erected on a reinforced concrete foundation and footings 4'-0" minimum below grade.	1	Each					
			Direct	4,033.07				
			Indirect	1,861.51		213.66	6,108.24	
	<u>GANEX COLLIMATOR TOWER #1, STATION 145 ON SITE "E"</u>							
	A steel tower, 10'-0" x 10'-0" x 38'-2 3/4" high, with timber deck, ladder, chain hoist and trolley, erected on a reinforced concrete foundation and footings 4' minimum below grade.	1	Each					
			Direct	7,995.64				
			Indirect	5,469.82		394.20	13,859.66	
	<u>GANEX COLLIMATOR TOWER #2, STATION 146 ON SITE "E"</u>							
	A steel tower, 10'-0" x 10'-0" x 23'-1 3/8" high, with timber deck, ladder, chain hoist and trolley, erected on a reinforced concrete foundation and footings 4' minimum below grade.	1	Each					
			Direct	5,566.31				
			Indirect	3,634.58		277.29	9,478.18	
	<p><b>CAUTION</b></p> <p>This document contains information affecting the national defense of the United States. Its transmission or the disclosure of its contents in any manner to an unauthorized person is prohibited and may result in severe criminal penalties under applicable Federal Laws.</p>							

SFO-41a  
(3-50)

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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SHEET NO. 99 OF

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DATE OF THIS REPORT:  
9 March 1951

APPROVAL: DRAWING NUMBER AND DATES:  
3H-250.4 3/9/51 30-088 3/9/51  
3H-251.4 3/9/51 17H-817 3/9/51  
3H-252.4 3/9/51  
3H-253.3 3/9/51  
3H-254.4 3/9/51

JOB NO. 8.2 - 10

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Wing Models

Building No.: Station No. 821

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Inst'd. Value Mat'l. Furnished	Engineering Cost	Total	Proration of Charges to Unit
	<b>AMC REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</b>							
	<b>WING MODEL, STATION #821, SITE "E"</b>							
	Accurately located reinforced concrete foundations as follows:							
	B <sub>1</sub> and B <sub>6</sub> one each 14'-0" wide x 12'-0" x 3'-0" thick with two 14'-0" long steel columns bolted horizontally to each. Concrete Total - 37.4 cu. yds.							
	B <sub>2</sub> and B <sub>5</sub> one each 10'-0" x 16'-0" x 4'-0" thick with two 16'-0" long steel columns bolted horizontally to each. Concrete Total - 47.4 cu. yds.							
	B <sub>3</sub> one 10'-0" x 14'-0" x 3'-0" thick with threaded J bolts protruding, two dead-men, concrete, with 3/4" diameter protruding J bolts, size each 3'-8" x 3'-8" x 3'-0", one on each side and steel junction box with underground conduit. Concrete Total - 17.6 cu. yds.							
	B <sub>4</sub> one 6'-0" x 11'-0" x 2'-0" thick with two 11'-0" long steel columns bolted horizontally and steel junction box with underground conduit. Concrete Total - 4.9 cu. yds.	1	Each					
			Direct	\$11,948.47				
			Indirect	10,625.79		\$239.47	\$25,813.73	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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A- (P) (1) DRAWING NUMBER AND DATE:  
 3H-250.4 3/9/51 30-088 3/9/51  
 3H-251.4 3/9/51 17H-817 3/9/51  
 3H-252.4 3/9/51  
 3H-253.3 3/9/51  
 3H-254.4 3/9/51

JOB NO. 8.2 - 10

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-F  
 DATE OF THIS REPORT:  
 9 March 1951

For: The Complete Construction of Wing Models

Building No.: Station No. 822

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Fed'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units	
	<u>AMC REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>								
	<u>WING MODELS, STATION #822, SITE "S"</u>								
	Accurately located reinforced concrete foundations as follows:								
	B <sub>1</sub> and B <sub>6</sub> one each 14'-0" wide x 12'-0" x 3'-0" thick with two 14'-0" long steel columns bolted horizontally to each. Concrete Total - 37.4 cu. yds.								
	B <sub>2</sub> and B <sub>5</sub> one each 10'-0" x 16'-0" x 4'-0" thick with two 16'-0" long steel columns bolted horizontally to each. Concrete Total - 47.4 cu. yds.								
	B <sub>3</sub> one 10'-0" x 14'-0" x 3'-0" thick with threaded J bolts protruding, two dead-man, concrete, with 3/4" diameter protruding J bolts, size each 3'-8" x 3'-8" x 3'-0", one on each side and steel junction box with underground. Concrete Total - 17.6 cu. yds.								
	B <sub>4</sub> one 6'-0" x 11'-0" x 2'-0" thick with two 11'-0" long steel columns bolted horizontally and steel junction box with underground conduit. Concrete Total - 4.9 cu. yds.								
		1	Each						
			Direct	\$15,124.24					
			Indirect	10,354.88		\$242.37	\$25,721.49		

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 101 OF \_\_\_\_\_

AS-BUILT DRAWING NUMBERS AND DATES:

3H-250.4 2/24/51 30-088 2/24/51  
3H-251.4 2/24/51 170-817 2/24/51  
3H-252.4 2/24/51  
3H-253.3 2/24/51  
3H-254.4 2/24/51

JOB NO. 8.2 - 10

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

\*Not for use by A-E

DATE OF THIS REPORT:

24 February 1951

For: The Complete Construction of Wing Models

Building No.: Station No. 823

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>AMC REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATION:</u></p>							
	<p><u>WING MODELS, STATION #823, SITE "Q"</u></p>							
	<p>Accurately located reinforced concrete foundations as follows:</p>							
	<p>B<sub>1</sub> and B<sub>2</sub> one each 14'-0" wide x 12'-0" x 2'-0" thick with two 14'-0" long steel columns bolted horizontally to each. Concrete Total - 25 cu. yds.</p>							
	<p>B<sub>2</sub> and B<sub>2</sub> one each 10'-0" x 16'-0" x 4'-0" thick with two 16'-0" long steel columns bolted horizontally to each. Concrete Total - 47.4 cu. yds.</p>							
	<p>B<sub>3</sub> one 2'-0" x 14'-0" x 2'-0" thick with threaded J bolts protruding two dead-man, concrete, with 3/4" diameter protruding J bolts, size each 3'-8" x 3'-8" x 3'-0", one on each side and steel junction box with underground conduit. Concrete Total - 10.3 cu. yds.</p>							
	<p>B<sub>4</sub> one 6'-0" x 9'-0" x 2'-0" thick with two 9'-0" long steel columns bolted horizontally and steel junction box with underground conduit. Concrete Total - 4 cu. yds.</p>	1	Each					
			Direct Indirect	\$16,626.62 12,102.15		\$254.80	\$28,983.57	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

## COMPLETION REPORT FOR

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SHEET NO. 102 of \_\_\_\_\_

AS-BUILT DRAWING NUMBERS AND DATES:

3H-250.4	3/9/51	30-088	3/9/51
3H-251.4	3/9/51	170-817	3/9/51
3H-252.4	3/9/51		
3H-253.3	3/9/51		
3H-254.4	3/9/51		

JOB NO. 8.2 - 10

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

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DATE OF THIS REPORT:  
9 March 1951

For: The Complete Construction of Wing Models

Building No.: Station No. 824

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Tota.	*Proration of Charges to Units
	<u>AMC REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>WING MODELS, STATION #824, SITE "P"</u>							
	Accurately located reinforced concrete foundations as follows:							
	B <sub>1</sub> and B <sub>2</sub> one each 14'-0" wide x 10'-0" x 1'-0" thick with two 14'-0" long steel columns bolted horizontally to each. Concrete Total - 10.4 cu. yds.							
	B <sub>2</sub> and B <sub>5</sub> one each 10'-0" x 16'-0" x 2'-6" thick with two 16'-0" long steel columns bolted horizontally to each. Concrete Total - 29.6 cu. yds.							
	B <sub>3</sub> one 7'-0" x 14'-0" x 2'-0" thick with threaded J bolts protruding, two deadmen, concrete, with 3/4" diameter protruding J bolts, size each 3'-8" x 3'-8" x 3'-0", one on each side and steel junction box with underground conduit. Concrete Total - 9.3 cu. yds.							
	B <sub>4</sub> one 6'-0" x 9'-0" x 1'-0" thick with two 9'-0" long steel columns bolted horizontally and steel junction box with underground conduit. Concrete Total - 2 cu. yds.	1	Each					
			Direct	\$13,072.89				
			Indirect	8,823.28		\$197.39	\$22,093.56	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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SHEET NO. 103 OF 103

SFO. 43 a  
(3. 50)

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9 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 8.2 - 10

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

3E-5632.1 3/9/51  
3E-076 3/9/51  
3E-088 3/9/51  
3E-5431 3/9/51

For: The Complete Construction of Instrument Buildings

Building No.: Stations No. 825 and 826

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proportion of Charges to Units
	<u>AMS REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>INSTRUMENT BUILDING, STATION #825, SITE "E"</u>							
	A reinforced concrete structure, size O.D. 10'-8" x 12'-8" x 9'-2" with 1'-4" walls, floor, and roof set 5'-0" below grade with ramp to entrance and earth banked to the roof, complete with electric wiring and fixtures, underground conduit to junction boxes, explosion diir, work bench and rack, and ventilation. Installed equipment includes: One fan.							
		1	Each	\$6,982.61		\$122.04	\$11,946.67	
			Indirect	4,842.02				
	<u>INSTRUMENT BUILDING, STATION #826, SITE "S"</u>							
	A reinforced concrete structure, size O.D. 10'-0" x 12'-0" x 8'-6" with 12" walls, floor and roof, set 4'-6" below grade with ramp to entrance, complete with electric wiring and fixtures, underground conduit to junction boxes, explosion door, work bench and rack, and ventilation. Installed equipment includes: One fan.							
		1	Each	\$5,097.66		\$87.41	\$9,395.70	
			Indirect	4,210.63				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

SHEET NO. 104 of \_\_\_\_\_

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DATE OF THIS REPORT:

24 February 1951

AS-BUILT DRAWING NUMBERS AND DATES:

3P-5634.1 2/24/51  
3P-076 2/24/51  
3Q-088 2/24/51  
3E-5431 2/24/51

JOB NO. 8.2 - 10

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of Instrument Buildings

Building No.: Stations No. 827 and 828

## ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>AMC REQUIRED CONSTRUCTION AND LOCATION OF THE FOLLOWING STATIONS:</u>							
	<u>INSTRUMENT BUILDING, STATION #827, SITE "Q"</u>							
	This is a one story wood frame, flat roof and walls covered with aluminum sheet, anchored to a 12" reinforced concrete foundation 4'-6" below grade, size 10'-2 1/2" x 12'-2 1/2", complete with electric wiring and fixtures and ventilation system. Installed equipment includes: One blower fan.							
		1	Each Direct Indirect	\$6,572.73 5,400.94		\$98.90	\$12,072.57	
	<u>INSTRUMENT BUILDING, STATION #828, SITE "P"</u>							
	This is a one story wood frame, flat roof and walls covered with aluminum sheet, anchored to a 12" reinforced concrete foundation 4'-6" below grade, size 10'-2 1/2" x 12'-2 1/2", complete with electric wiring and fixtures and ventilation system. Installed equipment includes: One blower fan.							
		1	Each Direct Indirect	\$2,954.15 2,769.69		\$49.71	\$5,773.55	

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SHEET NO. 105 of

SFO-43 a  
 (3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 729

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

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 DATE OF THIS REPORT: 2

For: The Complete Construction of Towers in Storage  
 Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>TOWERS IN STORAGE</u></b>							
	Two 300' Towers and one 200' Tower stored at Jobsite	3	Each	Direct \$189,885.18 Indirect 18,458.29		\$5,562.25	\$213,905.72	
	Mock-up Section of 200' Tower delivered to Los Alamos, New Mexico	1	Each	Direct 17,768.91 Indirect 452.22		- 0 -	18,221.13	

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PROJECT NAME: \_\_\_\_\_

JOB NO. 640 - 35

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ATOLL

For: The Complete Construction of **DRILLING PROGRAM**

Building No.:

ESTIMATE

Project Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	ESTIMATE			*Proration of Charges to Units
				Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	
	<u>DRILLING PROGRAM</u>						
	This program was conducted in support of a geophysical exploration of the Eniwetok Atoll for the purpose of determining the configuration of the underlying rock formation, and to determine wave velocities in the various media encountered, as required by:						
	a. MILITARY		Direct	\$37,240.82			
			Indirect	28,232.42		-0-	\$65,473.24
	b. SCIENTIFIC		Direct	39,343.81			
			Indirect	34,712.02		-0-	74,055.83

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CAUTION

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Eniwetok Island - Site "A"

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

Sheet No. \_\_\_ of \_\_\_

COMPLETION REPORT FOR

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CONTRACT NO. AT - (29-1) - 507

For: ENINETOK ISLAND - SITE "A"

INDEX SHEET

CONCRETE

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ATOMIC ENERGY COMMISSION  
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CONTRACT NO. AT-(29-1)-507

For: EMINETOK ISLAND - SITE "A"

INDEX SHEET

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ATOMIC ENERGY COMMISSION  
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COMPLETION REPORT FOR

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CONTRACT NO. AT-(29-1)-597

For: ENIWETOK ISLAND - SITE "A"

INDEX SHEET

CONTENTS

STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.	STRUCTURE	STA. or BLDG. NO.	C.R. SHT. NO.
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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
11 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-943 1/11/51 2A-636 1/11/51  
2A-941 1/11/51 2A-971 1/11/51  
2A-393 1/11/51 2A-018 1/11/51  
2A-464 1/11/51 2A-486 1/11/51

JOB NO. 640 - 2k

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of Transmitter Building & Power House, and Receiver Building & Power House  
Building No.: 3, 4, 84, and 85

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>TRANSMITTER POWER HOUSE - Bldg. #3</u>  One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 12'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab; vented window panels; 12" x 12" I.D. reinforced concrete ducts, with plywood covers, in building floor and extending 10'-0" out from slab to Building No. 4; top of one exterior duct extended to form sidewalk 3'-0" wide x 10'-0" long; electrical wiring and fixtures; water piping and duct drains; floor area O.D. 352 square feet; cubic content I.D. 3,050 cubic feet.	1	Each Direct Indirect	\$4,640.72 1,659.42		\$60.85	\$6,360.99	
	<u>TRANSMITTER BUILDING - Bldg. #4</u>  One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 88'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab; vented window panels; 12'-0" x 12'-0" reinforced concrete ducts, with plywood covers, in floor; aluminum partitions; electrical wiring and fixtures; plumbing; two 24" exhaust fans; interior face of exterior walls and roof weatherproofed; floor area O.D. 2,262 square feet; cubic content I.D. 21,290 cubic feet. Reinforced concrete slab 8'-0" x 25'-2" x 5" thick at end of building. Installed equipment includes: Cooling unit and water cooler with drinking fountain.	1	Each Direct Indirect	\$29,829.86 10,666.50		\$391.17	\$40,887.53	
	<u>RECEIVER POWER PLANT - Bldg. #84</u>  One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 12'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab; vented window panels; electrical wiring and fixtures; conduit and conductors to Building No. 85; floor area O.D. 351 square feet; cubic content I.D. 3,050 cubic feet; 3 work benches.	1	Each Direct Indirect	\$4,640.72 1,659.42		\$60.85	\$6,360.99	
	<u>RECEIVER BUILDING - Bldg. #85</u>  One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 56'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab; vented window panels; aluminum partitions 6'-9" high with wood framed extensions to ceiling with plywood facing on each side; plywood on wood joists on all ceilings; electrical wiring and fixtures; plumbing; floor area O.D. 1,450 square feet; cubic content I.D. 13,610 cubic feet. Grounding system and water cooler with drinking fountain.	1	Each Direct Indirect	\$19,116.02 6,835.47		\$250.68	\$26,202.17	

CAUTION

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:

19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5120 1/11/51  
2B-125-7 3/19/51  
2B-135-7 3/19/51  
2A-046 3/19/51  
2B-425-9 3/19/51  
2B-183-5 3/19/51

JOB NO. 640 - 2g-1  
640 - 21-1  
640 - 2f-1

CONTRACT NO. AT-(129-11)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of Open Air Showers Building, and 100 Man Showers and Latrine

Building No.: 5, 6, 7, 8, 9, 17, 43, 44, 51, 52, 53, 54, 55, 109, 110, 111, 112, 113, 114, 115, ESTIMATE 122, 123

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>OPEN AIR SHOWERS - Bldg. #9 - Dwg. 2A-5120 - 1/11/51</u>							
	One story aluminum construction; rectangular shape; size I.D. 3'-6" x 3'-6" x 6'-8" high; set on a 5" thick reinforced concrete slab; no roof; 2" x 4" framing with corrugated aluminum on 3 sides only; plumbing; floor area O.D. 37 square feet; cubic content I.D. 82 cubic feet.	1	Each					
			Direct	\$221.47				
			Indirect	6.59		\$7.39	\$235.45	
	<u>100 MAN SHOWERS AND LATRINE</u>							
	This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 36'-8 1/2" x 10'-0" mean height, erected on a 5" concrete slab. Complete with electrical wiring and fixtures; plumbing. Total floor area O.D. 953 square feet. The installed equipment includes: A water cooler with drinking fountain.	21	Each					
		1	Unit					
			Direct	\$5,824.95				
			Indirect	526.52		\$179.29	\$6,530.76	
	TOTAL - 21 Units		Direct	\$122,323.88				
			Indirect	11,056.91		\$3,765.12	\$137,145.91	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2B-106-4 1/5/51
- 2B-113-4 1/5/51
- 2B-307-4 1/6/51
- 2B-402-4 1/5/51
- 2B-123-4 1/5/51

JOB NO. 640 - 2g-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E  
DATE OF THIS REPORT:  
6 January 1951

For: The Complete Construction of 36 Man Quarters

Building No.: 10

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>36 MAN QUARTERS</u></p> <p>One story aluminum construction; rectangular shape; size I.D. 24'-0" x 128'-8 1/2" x 10'-0" mean height; set on a 5" thick concrete slab; double roof separated by 2" x 4" redwood; vented window panels; aluminum partitions; with electrical wiring and fixtures; plumbing; floor area O.D. 3,265 square feet; cubic contents I.D. 30,890 cubic feet. Mine rooms, toilet and showers, drying corridor and vestibule. Installed equipment includes: A water cooler with drinking fountain, and a refrigerator.</p>	1	Each	<p>Direct \$10,588.40</p> <p>Indirect 317.31</p>		\$353.36	\$11,259.57	

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
6 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
2A-914 1/4/51 2A-371-3 1/6/51  
2A-913 1/4/51 2A-371-4 1/6/51  
2A-371-1 1/6/51 2A-371-5 1/6/51  
2A-437 1/4/51 2A-371-6 1/6/51  
2A-919 1/4/51 2A-371-7 1/6/51  
2A-371-2 1/6/51 2A-371-8 1/6/51

JOB NO. 640 - 2f-1  
640 - 2g-1

CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of 72 Man Quarters

Building No.: 11, 12, 13, 46, 47, 48, 49, 50

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>72 MAN QUARTERS</u>							
	One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 14'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick concrete slab; vented window panels; aluminum partitions; with electrical wiring and fixtures; plumbing; floor area O.D. 3,571 square feet; cubic contents I.D. 33,770 cubic feet; nine rooms, toilet and showers, corridor and vestibule. Installed equipment includes: A water cooler with drinking fountain.	8	Each					
		1	Unit					
			Direct	\$11,565.95				
			Indirect	346.60		\$386.54	\$12,299.09	
	TOTAL - 8 Units		Direct	\$92,527.58				
			Indirect	2,772.80		\$3,092.30	\$98,392.68	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2h

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

2A-997 1/19/51 FS-615.1 3/19/51  
2A-646 3/19/51 FS-615.2 3/19/51  
2A-647 3/19/51 2A-5114 3/19/51  
FS-491.1 3/19/51 2A-5116 3/19/51  
FS-491.2 3/19/51

For: The Complete Construction of Dispatcher Building and Group Headquarters Building  
Building No.: 14 and 15

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>DISPATCHER BUILDING - Bldg. #14</u>  One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 24'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick concrete slab; aluminum partitions; vented window panels; electric wiring and fixtures; plumbing; floor area O.D. 654 square feet; cubic contents I.D. 5,930 cubic feet. Installed equipment includes: One water cooler with drinking fountain.	1	Each Direct Indirect	\$6,579.54 180.22		\$311.63	\$7,071.39	
	<u>GROUP HEADQUARTERS BUILDING - Bldg. #15</u>  This is a one story, double roof, prefabricated aluminum building, "H" shaped, size I.D., west section 24'-0" x 156'-8 1/2" x 10'-0" high, east section 24'-0" x 148'-8 1/2" x 10'-0" high, connecting section 24'-0" x 31'-6 1/2" x 10'-0" high, erected on a 5" thick concrete slab. Total floor area O.D. 8,540 square feet. Crypto room size O.D. 13'-4" x 21'-5 1/2" x 8'-11" high, reinforced concrete, with 5" reinforced concrete slab, connected to west section of building. Floor area O.D. 286 square feet. Vault size O.D. 9'-4" x 11'-5 1/2" x 8'-10" high, reinforced concrete floor slab, connected to west section of building. Floor area O.D. 107 square feet. Air conditioning equipment slab, 5" thick reinforced concrete, O.D. 8'-0" x 8'-1", 65 square feet attached to west section of building. Complete with electric wiring and fixtures, air conditioning, plumbing, and telephone. The installed equipment includes: Two water coolers with drinking fountains, fans, dehumidification unit, and a telephone switchboard.	1	Each Direct Indirect	\$93,379.62 2,557.82		\$4,422.63	\$100,360.07	

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DATE OF THIS REPORT:

19 March 1951

JOB NO. 640 - 2-b

CONTRACT NO. AT-(129-11)-507

LOCATION ENiwETOK ISLAND - SITE "A"

AS-BUILT DRAWING NUMBERS AND DATES:

2A-645 3/19/51 PS-496 3/19/51  
2A-5102 3/19/51  
2A-043 3/19/51  
2A-5105 3/19/51  
2A-5103 3/19/51  
2A-5111 3/19/51

For: The Complete Construction of P.I. - Barber Shop - Post Office Building

Building No.: 16

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>P.I. - BARBER SHOP - POST OFFICE BUILDING</u>							
	This is a one-story, double-roof, prefabricated aluminum building size I.D. 24'-0" x 100'-8 1/2" x 10'-0" mean height with two wings, each size I.D. 24'-0" x 50'-8 1/2" x 10'-0" mean height, anchor bolted to a 5" concrete slab. Complete with electric wiring and fixtures, plumbing, telephone, counters and shelving. Total floor area 5175 square feet. Installed equipment includes exhauster & hood, water cooler with drinking fountain, water heater, refrigerator, grill, six barber cabinets & five barber chairs.	1	each					
			Direct	\$43,891.82				
			Indirect	9,854.69		\$810.65	\$54,557.16	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:

6 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2B-105-4	1/5/51	2B-307-33	1/6/51	2B-307-37	1/6/51	640 - 2f-1
2B-112-4	1/5/51	2B-307-34	1/6/51	2B-307-38	1/6/51	640 - 2g-1
2B-307-32	1/6/51	2B-307-35	1/6/51	2B-307-39	1/6/51	
2B-401-4	1/6/51	2B-307-36	1/6/51	2B-307-40	1/6/51	
2B-916-1	1/5/51					

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of 18 Man Quarters

Building No.: 18 thru 21, and 38 thru 42

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>18 MAN QUARTERS</b>							
	One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 68'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick concrete slab; vented window panels; aluminum partitions; with electrical wiring and fixtures; plumbing; floor area O.D. 1,759 square feet; cubic contents 16,490 cubic feet; nine rooms, toilet and showers, corridor and vestibule. Installed equipment includes: A water cooler with drinking fountain, and a refrigerator. All buildings except 38, 39, and 40 are also equipped with water heaters.	9	Each					
		1	Unit					
			Direct	\$5,684.23				
			Indirect	170.34		\$189.97	\$6,044.54	
	TOTAL - 9 Units		Direct	\$51,158.09				
			Indirect	1,533.08		\$1,709.71	\$54,400.88	

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AS-BUILT DRAWING NUMBERS AND DATES:

2A-933 3/19/51 2A-399 3/19/51 2A-970 3/19/51  
2A-979 3/19/51 2A-398 3/19/51 2A-980 3/19/51  
2A-934 3/19/51 2A-472 3/19/51  
2A-966 3/19/51 2A-473 3/19/51  
2A-001-1 3/19/51 2A-474 3/19/51  
2A-001-2 3/19/51 2A-974 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION KINISTON ISLAND - SITE "A"

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DATE OF THIS REPORT:  
19 March 1951

For: The Complete Construction of Dispensary & Ward Buildings

Building No.: 22, 23, and 24

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>DISPENSARY</b> This is a one-story, double-roof, prefabricated aluminum building, "T" shaped, with a wing extending from each side of leg of "T", size I.D., top of "T" 24'-0" x 138'-8 1/2" x 10'-0" mean height, leg of "T" 24'-0" x 94'-8 1/2" x 10'-0" mean height, each wing 24'-0" x 54'-8 1/2" x 10'-0" mean height, erected on 5" concrete slab, slab grounding in operating room. Total floor area O.D. 8668 sq. ft.							
	<b>AC EQUIPMENT ROOM AND BOILER ROOM ADDITIONS ARE AS FOLLOWS:</b> One-story, shed roof, wood and corrugated aluminum building attached to main building. Size O.D. 9'-7" x 14'-0" x 7'-11 1/2" mean height, erected on 6" reinforced concrete slab. Floor area O.D. 134 square feet. Boiler Room - one-story, shed roof, wood and corrugated aluminum building, attached to main building, size O.D. 9'-7" x 9'-11" x 7'-11 1/2" mean height, erected on 6" reinforced concrete slab. Floor area O.D. 95 square feet. Complete with electric wiring and fixtures, air conditioning and plumbing.	1	each					
	<b>WARD</b> This is a one-story, double-roof, prefabricated aluminum building size I.D. 24'-0" x 68'-8 1/2" x 10'-0" mean height, erected on a 5" concrete slab. Complete with electrical wiring and fixtures, plumbing. Total floor area O.D. 1759 square feet. Concrete sidewalk 4" thick x 5'-0" wide x 55'-0" long connecting Buildings Nos. 22, 23 and 24. Total 276 square feet. The installed equipment of above described buildings includes five water coolers with drinking fountains, 2 dehumidifiers, two water heaters, pump, fuel tank, three exhaust fans, dishwasher, deep freeze, refrigerator, range & hood, coffee maker & hood, steam cooker, griddle and stand, toaster, mixer, cabinet, and four tables.	2	each					
			Direct	\$129,846.96				
			Indirect	23,311.17		\$1,917.57	\$ 155,075.70	

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COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:  
2A-996 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

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DATE OF THIS REPORT:  
19 March 1951

For: The Complete Construction of Fire Station Building

Building No.: 29

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>FIRE STATION BUILDING</b>  This is a one story, double roof, prefabricated aluminum building size I.D. 24'-0" x 48'-8 1/2" x 10'-0" mean height, erected on a 5" reinforced concrete slab. Complete with electrical wiring and fixtures, plumbing, and telephone; Total floor area O.D. 1255 square feet. A 4" thick reinforced concrete ramp 3'-6" x 25'-2" (88 sq. ft.) attached to front of building. The installed equipment includes a Howler.	1	Each					
			Direct	\$4,254.67				
			Indirect	1,957.49		\$161.02	\$6,373.18	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
30 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

2A-969 1/11/51 2A-967-1 1/11/51  
2A-005 1/11/51 2A-967-2 1/11/51  
FS-408 1/30/51 2A-006 1/11/51

For: The Complete Construction of Open Air Motion Picture Theatres  
Building No.: 30 and 108

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>OPEN AIR MOTION PICTURE THEATRE - Bldg. #30</u>  Seating capacity 818 seats; 60 wood benches with back rests on terraced and flag-stone area; screen structure 20'-4" wide x 20'-0" high. Transite screen 16'-0" x 11'-3" mounted 4'-0" above grade on 2" x 8" framing with diagonal sheathing; end and center posts 4" x 4" and braces anchored to concrete piers and footings. Wood stairway and platform at one side of screen. Screen 89'-9" from projection room. Electrical service. Projection Booth: Two story wood and aluminum construction; rectangular shape; size O.D. 8'-0" x 11'-6" x 16'-6" high; set on a 5" thick concrete slab; wood framing with corrugated aluminum roofing and siding; wood stairway leading up to projection room and down to recording room. Electrical and speaker services. Floor area O.D. 184 square feet; cubic contents I.D. 1,528 cubic feet; two projection tables; one recording table; one bench; flood lights. Urinal shelter with plumbing 3'-11" x 3'-4"; floor area O.D. 13 square feet; cubic content I.D. 86 cubic feet.	1	Each Direct Indirect	\$13,401.71 209.98		\$17.27	\$13,628.96	
	<u>OPEN AIR MOTION PICTURE THEATRE - Bldg. #108</u>  Seating capacity 712 seats; 64 wood benches, with back rests, on terraced area. Screen and stage structure 35'-0" x 13'-0" x 19'-6" high; wood frame on reinforced concrete foundation. Transite screen 20'-0" x 15'-0"; 93'-6" from projection room. Corrugated aluminum roofing and siding. Steps with handrail at each end of stage. Electrical service. Stage floor area 351 square feet. Cubic contents 5,248 cubic feet. Projection Booth: Two story wood and aluminum construction; rectangular shape; size O.D. 12'-0" x 11'-6" x 16'-6" high; set on a 5" thick concrete slab elevated to height of seating terrace; wood framing with corrugated aluminum roofing and siding; wood stairway and landing with handrails. Electrical service. Floor area O.D. 276 square feet. Cubic contents I.D. 1,906 cubic feet. Two projection tables, one recording table, one bench. Speaker conductor underground. Latrine with plumbing 7'-6" x 6'-9 1/2"; floor area O.D. 51 square feet; cubic content I.D. 336 cubic feet.	1	Each Direct Indirect	\$11,665.08 182.77		\$15.04	\$11,862.89	

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SANTA FE OPERATIONS OFFICE

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AS-BUILT DRAWING NUMBERS AND DATES:

- 2A-640 3/19/51
- 2A-984 3/19/51
- 2A-022 3/19/51
- 2A-494 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

DATE OF THIS REPORT:

19 March 1951

For: The Complete Construction of Laundry

Building No.: 31

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>LAUNDRY</u></p> <p>This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 14'-8 1/2" x 10'-0" mean height, with wing, size I.D. 24'-0" x 26'-8 1/2" x 10'-0" mean height, erected on a 6" reinforced concrete floor slab. Concrete pipe trenches, partly covered, extend across floor to sump, with drain, located outside of building. Total floor area O.D. 4,474 square feet, complete with electric wiring and fixtures; plumbing, and piping. The installed equipment includes: One water cooler with drinking fountain, three washers, two extractors, five tumblers, seven presses, one flatwork ironer, one starch cooker, one soap tank, and four tables.</p>	1	Each	Direct \$66,029.29 Indirect 8,628.80		\$709.80	\$75,367.89	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 12 OF 41

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DATE OF THIS REPORT:

19 March 1951

TRC NO. 640 - 21-1

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The complete construction of **Reefer Building**

Building No.: 33

2A-937 3/19/51  
2A-935 3/19/51  
2A-384 3/19/51  
2A-481 3/19/51  
2A-936 3/19/51

ESTIMATE

Property  
Account  
Number

DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Prov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<p><u>REEFER BUILDING</u></p> <p>This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 236'-8 1/2" x 10'-0" mean height, erected on a 5" reinforced concrete floor slab 4'-6" above grade; a full length six-foot loading platform integral with the floor slab and the supporting walls and footings, is canopy covered with a 1/2 length of standard aluminum roofing; steps are provided at each end of the loading platform; compacted earth fill between foundation walls and floor slab; total floor area 7,367 square feet complete with electric wiring and fixtures, and plumbing. The installed equipment includes: Four - five compartment walk-in refrigerators, and five 1 ton ice machines.</p>	1	Each					
		Direct	\$32,396.96				
		Indirect	11,755.67		\$967.07	\$45,119.70	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

DATE OF THIS REPORT:

2A-999 3/19/51  
2A-975 3/19/51  
2A-028 3/19/51  
2A-492 3/19/51  
2A-5408 3/19/51

For: The Complete Construction of Boiler House

19 March 1951

Building No.: 34

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BOILER HOUSE</u>  This is a one story, double roof, prefabricated aluminum building size I.D. 24'-0" x 14'-8 1/2" x 10'-0" mean height, erected on a 6" reinforced concrete slab, with reinforced concrete boiler foundations and water storage tank supports. Reinforced concrete fuel tank supports, and deaerator stand and foundation outside of building. Total floor area O.D. 1,155 square feet, complete with electrical wiring and fixtures, piping. The installed equipment includes: Four boilers, two deaerators, air compressor, storage tank and water heater with storage tank.	1	Each					
			Direct	\$21,062.41				
			Indirect	2,254.33		\$185.44	\$23,502.18	

CAUTION



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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:  
2A-952 3/19/51 2A-953 3/19/51  
2A-025 3/19/51  
2A-490 3/19/51  
2A-491 3/19/51  
2A-978 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENWETOK ISLAND - SITE "A"

For: The Complete Construction of Bakery Building

Building No.: 35

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>BAKERY BUILDING</u></b>  This is a one-story, double roof, prefabricated aluminum building size I.D. 50'-6" x 76'-8 1/2" x 10'-0" mean height, erected on a 5" concrete slab, complete with electric wiring and fixtures, plumbing and piping. Total floor area O.D. 4024 square feet. A covered walk way 9'-0" wide x 40'-0" long (360 sq. ft.) connects this building to mess hall building. Installed equipment includes three exhausters, hood, two ovens, stove, two fryers, two mixers, two refrigerators, kettle, moulder, two proof cabinets, proof box, two winks, water chiller, flower sifter, bench, 5 tables, and fuel tank.	1	each	Direct \$45,529.41 Indirect 7,676.13		\$631.44	\$53,836.98	

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SFO-414  
(3-50)

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

SHEET NO. 15 OF 41

\*Not for use by A-E

DATE OF THIS REPORT:

6 April 1951

APPROVED DRAWING NUMBERS AND DATES:

JOB NO. 640 - 21-1

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of Mess Hall Building

Building No.: 36

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b>MESS HALL BUILDING</b>							
	<u>MAIN BUILDING</u> - This is a one story, double roof, prefabricated aluminum building, size O.D. 51'-8" x 260'-4 1/2" x 10'-0" mean height, with two wings, one size O.D. 51'-8" x 54'-8 1/2" x 10'-0" mean height and one size O.D. 51'-8" x 82'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab, reinforced in kitchen area only. Complete with electric wiring and fixtures, plumbing, piping, and telephone installations; floor area O.D. 20,555 square feet.	1	Each					
	<u>SCULLERY</u> - This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 22'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab, attached to main building. Complete with electric wiring and fixtures, plumbing, and piping. Floor area O.D. 601 square feet.	2	Each					
	<u>WATER HEATER &amp; DRY STORAGE ROOM</u> - This is a one story, double roof, prefabricated aluminum building size I.D. 24'-0" x 22'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab with concrete steam riser pit attached to main building, complete with electric wiring and fixtures, plumbing, and piping; floor area O.D. 601 square feet.	1	Each					
	<u>GARBAGE BUILDING</u> - This is a one story, shed roof, wood, corrugated aluminum and plastic screen building, size O.D. 8'-6" x 10'-0" x 8'-3" mean height, erected on a 5" thick concrete slab. Complete with electric wiring and fixtures, plumbing and piping. Floor area O.D. 85 square feet, and concrete slab in area between this building and main building.	1	Each					
	<u>POT AND PAN WASHING SHED</u> - This is a one story, shed roof, wood, corrugated aluminum and plastic screen building, size O.D. 16'-0" x 12'-6" x 8'-3" mean height, erected on a 5" thick concrete slab attached to main building. Complete with electric wiring and fixtures, plumbing, and piping. Floor area O.D. 200 square feet. A covered passage with concrete slab connects this building to the Bakery-Mess Hall covered passage.	1	Each					
	<u>FUEL OIL STORAGE</u> - A welded steel tank, 1,200 gallon capacity is set above ground on reinforced concrete base and foundation. Complete with piping, guage, etc.	1	Each					
	Installed equipment in above listed buildings includes: 4 ranges, 4 ovens, 5 fryers, 2 dishwashers, 2 dishscrapers, 4 steam kettles, 3 cookers, 5 counters, 6 back bars, 5 sinks, 7 griddles, 6 toasters, 5 hoods, 3 mixers, 5 water coolers, 3 dispensers, 17 tables, 2 ice cream freezers, 2 ice cream cabinets, 9 exhausters, 3 coffee urns, 1 meat saw, 1 food cutter, 1 pump, 1 chopper, and 1 fuel oil tank.							
	<b>TOTAL</b>			Direct Indirect	\$212,675.15 42,044.63	\$3,458.54	\$258,178.32	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 16 OF 41

AS-BUILT DRAWING NUMBERS AND DATES:

2A-939 1/4/51  
2A-940 1/4/51  
2A-389 1/4/51  
2A-482 1/4/51  
2A-976 1/4/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-F

DATE OF THIS REPORT:

4 January 1951

For: The Complete Construction of Commissary Building

Building No.: 37

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>COMMISSARY BUILDING</u></p> <p>One story double roof prefabricated construction; rectangular shape; size I.D. 24'-0" x 178'-8-1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab, elevated 4'-0" above grade; earth fill; vented window panels; aluminum partitions for toilet and portion of office; portion of office set off with single panel plywood 4'-0" high partitions; electrical wiring and fixtures; plumbing; reinforced concrete loading platform, elevated 6'-0" x 72'-0" x 5" thick, total 432 square feet; concrete steps, 3'-0" wide, at each end of platform. Compacted fill under building floor, loading platform and steps. Floor area O.D. 4,527 square feet; cubic content 42,890 cubic feet.</p>	1	Each	<p>Direct \$11,182.75</p> <p>Indirect 8,588.96</p>		\$706.53	\$20,478.24	

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*[Handwritten notes and scribbles]*

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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\*Not for use by A-E  
DATE OF THIS REPORT:  
19 April 1951

PROPERTY DRAWING NUMBER: 4A-461, 4A-462, 4A-463, 4A-460, 4A-459, 4A-392  
 DATE: 4/19/51, 4/19/51, 4/19/51, 4/19/51, 4/19/51, 4/19/51  
 JOB NO.: 640 - 21-1, 640 - 2q  
 CONTRACT NO.: AT-129-11-507  
 LOCATION: ENIWETOK ISLAND - SITE "A"  
 For: The Complete Construction of Power and Water Distillation Plant, and Badger Unit Shelter  
 Building No.: 56 and 56a

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	Allocation of Charges to Units
	<b>POWER AND WATER DISTILLATION PLANT - Bldg. #56</b>							
	This is a one story reinforced concrete and aluminum building, size I.D. 51'-7 3/4" x 136'-0 1/2" x 16'-0" mean height, erected on a 6" reinforced concrete slab with drain facilities and pipe tunnels; 6'-0" high reinforced concrete walls below 8'-0" high aluminum wall panels, reinforced concrete equipment foundations and columns; twin gable roof, double, with longitudinal gutter between the roofs. Building complete with electrical wiring and fixtures, telephone installations, six diesel engine driven generators with cubicles and panel boards, pumps, eight distillation units, plumbing and piping. Floor area O.D. 7,310 square feet. Installed equipment includes: A water cooler with drinking fountain, three air compressors with tanks and a 30 H.P. boiler. Costs for power generating and water distillation equipment are covered on sheets of their respective systems.	1	Each					
	<b>BADGER UNIT SHELTER - Bldg. #56a</b>							
	A one story wood frame structure, flat roof, 1 to 12 pitch, 8'-4" to plate, corrugated aluminum covered, siding of wood louvers and corrugated aluminum, erected on a 4" reinforced concrete floor slab with trenches, size 35'-0" x 33'-10" (1,185 square feet) complete with electric wiring and fixtures, sewer connections, and F & S water piping. Installed equipment includes: Eight distillation units.	1	Each					
	<b>TOTAL</b>		Direct Indirect	\$35,056.55 13,614.24		\$1,119.91	\$49,790.70	

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SANTA FE OPERATIONS OFFICE  
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AS-BUILT DRAWING NUMBERS AND DATES:

2A-989 3/19/51 2A-5122 4/14/51  
2A-5122 4/14/51 2A-5115.5 4/14/51  
2A-5117 4/14/51 2A-5158 4/14/51

JOB NO. 640 - 21

CONTRACT NO. AT-(29-11)-507

LOCATION ENNETOK ISLAND - SITE "A"

\*Not for use by A-E  
DATE OF THIS REPORT:  
14 April 1951

For: The Complete Construction of Laboratory Building, N.R.D.L. Buildings, and Steam Cleaning Shelter  
Building No.: 57, 117A, 117B, 117C, 117D, 117E, 117F

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>LABORATORY BUILDING - Bldg. #57</u></p> <p>This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 12'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab. Complete with electric wiring and fixtures and plumbing. Total floor area O.D. 349 square feet.</p> <p><u>BUILDING NO. 117A</u></p> <p>This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 20'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab complete with electric wiring and fixtures, floor area O.D. 590 square feet.</p> <p><u>BUILDING NO. 117B</u></p> <p>This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 12'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab. Complete with electrical wiring and fixtures. Floor area O.D. 349 square feet.</p> <p><u>BUILDING NOS. 117C and 117E</u></p> <p>This is an eight man tent and wood frame anchor bolted to a 4" concrete slab, size 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures. Plumbing in Bldg. #117E only.</p> <p><u>BUILDING NO. 117D</u></p> <p>This is a four man tent and wood frame anchor bolted to a 4" concrete slab, size 14'-2" x 14'-4", slab area 203 square feet. Complete with electric wiring and fixtures and plumbing.</p> <p><u>STEAM CLEANING SHELTER - Bldg. #117F</u></p> <p>This is a one story shed roof, wood and corrugated aluminum building, open front, size O.D. 32'-0" x 8'-0" x 7'-5" mean height, erected on a 5" thick reinforced concrete slab. Complete with electric wiring and fixtures and plumbing.</p> <p>NOTE: All N.R.D.L. Buildings, Laboratory #57, and Sentry Post #137 are all within an area enclosed by approximately 800 feet of chain link and barbed wire fence.</p>	1	Each Direct Indirect	\$1,480.43 672.79		\$55.34	\$2,208.56	
	TOTAL	1	Group Direct Indirect	\$3,813.50 1,733.07		\$142.56	\$5,689.13	

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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

- 2A-5105 3/19/51
- 2A-985 3/19/51
- 2A-033 3/19/51

JOB NO. 640 - 2j

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of Air Force Drone Group Headquarters

Building No.: 17

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>AIR FORCE DRONE GROUP HEADQUARTERS</u>							
	This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 80'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab. Complete with electric wiring and fixtures and telephone installation. Floor area O.D. 2,061 square feet.	1	Each Direct Indirect	\$17,274.75 674.88		\$576.69	\$18,526.32	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2

CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

19 March 1951

2A-5113 3/19/51

For: The Complete Construction of Hydrogen Storage Building

Building No.: 87

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>HYDROGEN STORAGE BUILDING</u></p> <p>A wood frame, corrugated aluminum covering shed roof and sides, erected on a 5" thick reinforced concrete floor slab, size 10'-7 1/4" x 10'-7 1/4" (110 square feet) x 8'-3" mean height, louvered wall openings, complete with electric wiring and fixtures, underground pipe leading to 3'-0" diameter x 5'-0" deep sump filled with gravel. The installed equipment includes: Two generator units.</p>	1	Each	<p>Direct \$921.99</p> <p>Indirect 36.02</p>		\$30.78	\$988.79	

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SHEET NO. 21 OF 41

SFO-43 a  
(3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2

CONTRACT NO. AT-(129-11)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

4 January 1951

2A-5110 1/4/51

For: The Complete Construction of Weather Station Building

Building No.: 88

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>WEATHER STATION BUILDING</u>							
	One story wood and aluminum construction; rectangular shape; size I.D. 15'-0" x 15'-0" x 8'-6" high; set on a 5" thick concrete slab; shed type roof, 2" x 6" rafters with corrugated aluminum roofing; 2" x 4" stud walls with corrugated aluminum siding; vented window panels; electrical wiring and fixtures; plumbing; floor area O.D. 246 square feet; cubic content I.D. 1,878 cubic feet. Water tank 42" x 64" on wood stand 9'-4" high.	1	Each					
			Direct Indirect	\$2,061.91 80.55		\$68.83	\$2,211.29	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

2A-649 1/11/51 2A-991 1/11/51  
2A-954 1/11/51 2A-5415 1/11/51  
2A-034 1/11/51 2A-5119 1/11/51  
2A-498 1/11/51

JOB NO. 640 - 2j

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

11 January 1951

For: The Complete Construction of Base Operations Building and Control Tower  
Building No.: 89

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BASE OPERATIONS BUILDING - Bldg. #89</u>							
	One story, double roof, prefabricated aluminum construction; "L" shaped; size I.D. 24'-0" x 96'-8 1/2" x 10'-0" mean height with wing 24'-0" x 78'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick concrete slab; vented window panels; aluminum partitions; wood counter; electrical wiring and fixtures; plumbing; floor area O.D. 4,445 square feet; cubic content 42,100 cubic feet. Installed equipment includes: Two water coolers with drinking fountains.	1	Each Direct Indirect	\$37,256.79 1,455.52		\$1,243.76	\$39,956.07	
	<u>CONTROL TOWER</u>							
	Three story wood and aluminum construction; rectangular shape; size O.D. 23'-7 1/2" x 23'-7 1/2" x 27'-4 5/8" high; anchor bolted to a 5" thick concrete pad; aluminum flat sheet roof on 2" x 10" joists with 1" T & G diagonally placed, corrugated aluminum siding on wood framing up to control room deck; control room walls of 1/4" thick heat tempered glass and flat aluminum sheet on wood framing; aluminum sash, aluminum louvered door, ventilation hoods; floor of 2" T & G flooring with 3/4" plywood over; wood stairway and handrail; wood handrail and deck on catwalk; electrical wiring and fixtures; floor area O.D. 874 square feet; cubic content 5,246 cubic feet. Roof exhauster in control room.	1	Each Direct Indirect	\$7,325.63 286.18		\$244.57	\$7,856.38	

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COMPLETION REPORT FOR



AS-BUILT DRAWING NUMBERS AND DATES:

- 2A-643 1/11/51
- 2A-995 1/11/51
- 2A-032 1/11/51
- 2A-196 1/11/51
- 2A-998 1/11/51

JOB NO. 640 - 2j

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOX - SITE "A"

\*Not for use by A-E  
 DATE OF THIS REPORT:

For: The Complete Construction of Air Task Group Headquarters Building

11 January 1951

Building No.: 90

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>AIR TASK GROUP HEADQUARTERS</u>							
	One story, double roof, prefabricated aluminum construction; "E" shaped; size I.D. 24'-0" x 104'-8 1/2" x 10'-0" mean height; with 3 wings, each 24'-0" x 50'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick concrete slab; vented window panels; standard aluminum partitions; electrical wiring and fixtures; plumbing; floor area O.D. 6,507 square feet; cubic contents I.D. 61,640 cubic feet. Installed equipment includes: Two water coolers with drinking fountains.	1	Each					
				Direct \$54,539.92 Indirect 2,130.72		\$1,820.74	\$58,491.38	

CAUTION



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SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:  
4 January 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5109 1/4/51

JOB NO. 640 - 2j

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of Crash Truck Shelter Building

Building No.: 91

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>CRASH TRUCK SHELTER BUILDING</u></p> <p>One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 20'-8 1/2" x 10'-0" mean height; anchor bolted to a 5" thick reinforced concrete slab; vented window panels; benches; electrical wiring and fixtures; floor area O.D. 550 square feet; cubic contents I.D. 4,970 cubic feet.</p>	1	Each	Direct \$4,609.95 Indirect 180.10		\$153.90	\$4,943.95	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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\*Not for use by A-E  
DATE OF THIS REPORT:  
19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5112 1/4/51  
2A-5126 3/19/51  
2A-5124 3/19/51  
2A-054 3/19/51

JOB NO. 640 - 2j

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of L-13 Operations Building and L-13  
Building No.: 92 and 93 Maintenance Building

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>L-13 OPERATIONS BUILDING - Bldg. #92</u>  One story, double roof, prefabricated aluminum construction; rectangular shape; size I.D. 24'-0" x 32'-8 1/2" x 10'-0" mean height; set on a 5" thick concrete slab; vented window panels; with electrical wiring and fixtures; floor area O.D. 855 square feet; cubic content 7,850 cubic feet.	1	Each Direct Indirect	\$7,166.38 279.97		\$239.24	\$7,685.59	
	<u>L-13 MAINTENANCE BUILDING - Bldg. #93</u>  This is a one story building with steel frame and corrugated aluminum siding and roofing, size O.D. 50'-0" x 60'-6" x 18'-0" high, erected on a 5" reinforced concrete slab. Total floor area O.D. 3,025 square feet, complete with electrical wiring and fixtures. A 5" thick reinforced concrete slab, 24'-0" x 50'-0", is attached to building. The installed equipment includes: A bench type grinder.	1	Each Direct Indirect	\$25,354.74 990.54		\$846.42	\$27,191.70	

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 \* SANTA FE OPERATIONS OFFICE  
 COMPLETION REPORT FOR

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\*Not for use by A-E  
 DATE OF THIS REPORT:  
 19 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-964	1/11/51	11A-469	3/19/51	11A-466	4/14/51	640 - 2 1-(1)
2A-019	1/11/51	11A-470	3/19/51	11A-5409	4/14/51	640 - 2 1-(2)
11A-467	1/11/51	11A-471	1/11/51	FS-622	4/19/51	640 - 21-1
11A-230	4/19/51	11A-5412	4/14/51	13H-626-3	4/19/51	
SK-410	4/19/51	11A-465	4/14/51	11A-5413	1/11/51	
11A-468	1/11/51					

JOB NO. 640 - 2 1-(1) CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of P.O.L. Facilities

Building No.: 94, 95, 95A, 96, 96A, 180, 181, and 183

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>P.O.L. FACILITIES</u>							
	The P.O.L. Facilities; within a 6' chain link and barbed wire fence enclosure, approximately 260' wide by 520' long, having one 12' gate and two 3' gates and a system of stabilized dikes, include the following:							
	<u>100 OCTANE AVIATION GASOLINE STORAGE - Bldg. #95 - Dwg. 11A-468 - 1/11/51</u>							
	Steel Tank; vertical bolted type, 1,000 barrel capacity; equipped with manhole, ladder, vent valve, liquid level indicator. Tank is erected on 10" thick reinforced concrete pad, having an area of 1,772 square feet. This unit includes all piping and connections to P.O.L. system, as well as a compacted earth dike encircling the tank.	4	Each					
	<u>MOGAS &amp; 91 OCTANE AVGAS STORAGE &amp; PIPING - Bldg. #95A - 11A-469 - 3/19/51</u>							
	One 42,000 gallon mogas steel cylinder tank vertically mounted on a reinforced concrete foundation 23'-0" octagonal x 10" thick (13.5 cubic yards) and four 10,000 gallon steel cylinder tanks horizontally mounted on concrete piers 3' above grade, two each 3 and 4 inch piping systems are included in the installation.	1	Each					
	<u>DIESEL OIL STORAGE &amp; PIPING - Bldg. #96A - 11A-470 - 3/19/51</u>							
	One 42,000 gallon mogas steel cylinder tank vertically mounted on a reinforced concrete foundation 23'-0" octagonal x 10" thick (13.5 cubic yards) and four 10,000 gallon steel cylinder tanks horizontally mounted on concrete piers 3' above grade, one each 3 and 4 inch piping systems are included in the installation.	1	Each					
	<u>JP-1 FUEL STORAGE - Bldg. #96 - 11A-471 - 1/11/51</u>							
	One steel tank, bolted, vertical, 1,000 barrel capacity; set on a 10" thick reinforced concrete foundation pad; complete with manhole, ladder, vent valve, liquid level indicator, and pertinent piping, fittings and valves; compacted fill dike around tank area. Slab area 0.3. 443 square feet.	1	Each					
	<u>WATER FOG FIRE PROTECTION SYSTEM - 11A-5412 thru 11A-5409 - 4/14/51</u>							
	This is an underground piping system supplying four wharf type hydrants and one stand-pipe. Supply is from a 4" salt water main.	1	Each					
	Continued on Next Page							

ADDITION



ATOMIC ENERGY COMMISSION  
**SANTA FE OPERATIONS OFFICE**

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO 27 of 41

SFO-43 a  
(3.50)

\*Not for use by A-F

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2 1-(1) CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

DATE OF THIS REPORT:

640 - 2 1-(2)  
 640 - 21-1 For: The Complete Construction of P.O.L. Facilities

19 April 1951

Building No.: 94, 95, 95A, 96, 96A, 180, 181, and 183

ESTIMATE

Continued from Previous Page

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>PIPING SYSTEM FOR FUEL OIL AND GASOLINE - 11A-5412 thru 11A-5409 - 4/14/51</u></p> <p>Consists mainly of 3" and 4" pipe, valves and fittings and extend from the equipment included in the report of Building No. 94, which is within the enclosed area, to the various storage tanks, service racks and pumps, and to the refueling station in the lagoon. Suitable reinforced concrete piers (mastic covered) and pipe supports are provided. All piping is aluminum painted and stencil identified.</p>	1	Each					
	<p>Other Facilities not within the Enclosed Area are:</p> <p><u>TIMBER GREASE RACK - Bldg. #180 - FS-622 - 4/14/51</u></p> <p>This is an elevated wood structure with concrete ramp, size O.D. 16'-7" wide x 44'-2" long x 5'-8" high, erected on a 12" thick concrete slab with 4" high concrete base curbs. Complete with stairs and deck grating.</p>	1	Each					
	<p><u>TRUCK LOADING RACK - Bldg. #181 - 11A-5413 - 1/11/51</u></p> <p>Five truck loading stands complete with standpipes, loading arms and piping; fencing.</p>	1	Each					
	<p><u>TIMBER GREASE RACK - Bldg. #183 - 18H-626-3 - 4/19/51</u></p> <p>Grease rack, for servicing mobile equipment, wood structure, size 42'-9 3/4" long x 10'-8" wide, plus bracing, elevated 5'-5" above grade, with two tread ramps 20'-6" long leading up from concrete anchor pads.</p>	1	Each					
	TOTAL		Direct	\$88,059.61				
			Indirect	1,989.66		\$4,133.95	\$94,183.22	
	<p><u>P.O.L. PUMP HOUSE - Bldg. #94 - 2A-964 thru 11A-467 - 1/11/51</u></p> <p>One story, double roofed, prefabricated aluminum building; rectangular shape; size I.D. 24'-0" x 48'-8 1/2" x 10'-0" mean height; set on a 5" thick concrete slab; vented window panels; electrical wire and fixtures; piping; 8 pumps; 9 dehydrators; 3 air eliminators; 6 line meters; and miscellaneous control valves, strainers, etc.; floor area O.D. 1,258 square feet; cubic content 11,690 cubic feet.</p>	1	Each					
			Direct	\$35,230.53				
			Indirect	2,451.79		\$201.68	\$37,884.00	

Continued on Next Page

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CAUTION

ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
19 April 1951

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2 1-(1) CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ISLAND - SITE "A"

640 - 2 1-(2)  
640 - 21-1 For: The Complete Construction of P.O.L. Facilities

Building No.: 94, 95, 95A, 96, 96A, 180, 181, and 183

ESTIMATE

Continued from Previous Page

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>REFUELING STATION IN THE LAGOON</u> - 14A-230 and SK-410 - 4/19/51</p> <p>The submarine section of the piping systems include three 4" pipes on the lagoon bottom, three 4" submarine hoses with fittings and mooring buoys.</p>	1	Each Direct Indirect	\$15,256.88 4,521.39			\$19,778.27	
	TOTAL - P.O.L. Facilities		Direct Indirect	\$138,547.02 8,962.84		\$4,335.63	\$151,845.49	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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SHEET NO. 29 OF 41

SFO. 43 a  
(3. 50)

AS-BUILT DRAWING NUMBERS AND DATES:

2A-675 3/19/51  
2A-5127 3/19/51  
2A-058 3/19/51  
2A-5417 3/19/51  
2A-5128 3/19/51

JOB NO. 732 - 11a

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E  
DATE OF THIS REPORT:  
19 March 1951

For: The Complete Construction of Loran Building and Antennas

Building No.: 116

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>LOAN BUILDING - Bldg. #116</u>  This is a one story, double roof, prefabricated aluminum building size I.D. 24'-0" x 100'-8 1/2" x 10'-0" mean height, anchor bolted to a 5" thick reinforced concrete slab with transite covered concrete trenches and concrete generator bases. Shielded supervisors room. Complete with electrical wiring and fixtures, ventilation, plumbing, and piping; fuel oil tank outside building. Total floor area O.D. 2,564 square feet. The installed equipment includes: Four propeller fans and generators.	1	Each					
	<u>ANTENNAS - Coast Guard Dwgs. #14-S-124, 2 shts; 14-S-125 and H &amp; M Plot Plan 7A-272</u>  Three "T" type antennas, each with a 300' radius grounding system, are located as follows: Two on Site "A", one for sending and one for receiving; and one on Site "B" for monitoring. This feature was completed jointly by H & M personnel and the U. S. Coast Guard.	3	Each					
			Direct	\$37,713.82				
			Indirect	15,443.11		\$2,924.01	\$56,080.94	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR



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DATE OF THIS REPORT:

AS-BUILT DRAWING NUMBERS AND DATES:

7th Engineer Brigade Drawings  
Shts. 1 thru 18 - 1/11/51  
9B-601 4/21/51 9A-525 3/19/51  
2A-637 3/19/51 FS-173 4/19/51  
2A-982 3/19/51  
2A-387 3/19/51

JOB NO. 640 - 2p  
640 - 2q

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

21 April 1951

For: The Complete Construction of Fresh and Salt Water Systems, Elevated Water Tower, Salt Water Pump Station, and Acid Tank Bldg.  
Building No.: 121, 124, 184

ESTIMATE

Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>FRESH WATER SYSTEM</u> Consists mainly of 3", 4" and 6" transite pressure pipe, 2'-6" underground, valves, fittings and services to the extent of 22,565 lineal feet of mains, 1 fire hydrant and 67 service connections.	1	System Direct Indirect	\$33,631.60 8,049.27		\$2,535.45	\$44,216.32	
	<u>SALT WATER SYSTEM</u> Consists mainly of 4" and 6" transite pressure pipe, 2'-6" underground, valves, fittings and services to the extent of 22,900 lineal feet of mains, 22 fire hydrants and 66 service connections.	1	System Direct Indirect	\$33,139.64 7,931.53		\$2,573.10	\$43,644.27	
	<u>ELEVATED WATER TOWER - Bldg. #121</u> This structure consists of one salt water storage tank (1,000 barrel capacity), one fresh water storage tank (500 barrel capacity), both same diameter, mounted on a structural steel and wood platform, size 27'-0" x 52'-0" with 3'-6" handrail all around, elevated 50 feet above grade by ten 12" x 12" spliced wood columns, vertically and horizontally criss cross braced, four bents high by four bents wide, with 3/4" diameter tie rods, concrete foundation piers with anchor bolts supporting the ten columns, fixed wood ladders reach from grade to intermediate and top platforms. The structure, including tanks with steel ladders, is painted and complete with pipe, fittings and aircraft warning light. Cost of this item is included in the Fresh and Salt Water Systems.	1	Each					
	<u>WATER DISTILLATION EQUIPMENT</u> Equipment includes: Eight 600 G.P.H. distillation units, piping, pumps, tanks, and chemical feeder, all located in Building #56, and eight distillation units in Building #56a.  TOTAL - Systems & Equipment	1	Lot Direct Indirect  Direct Indirect	\$197,901.00 25,503.94  \$264,672.24 41,484.74			\$223,404.94  \$311,265.53	
	<u>SALT WATER PUMP STATION - Bldg. #124</u> A one story, double roof, prefabricated aluminum building, erected on a 5" thick concrete floor slab with a drain trench and concrete masses for equipment foundations and pipe supports, size O.D. 25'-2" x 33'-10 1/2", total 853 square feet,  Continued on Next Page							

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

SHEET NO. 31 OF 41

SFO-43 a  
(3.50)

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2p  
640 - 2q

CONTRACT NO. AT-(29-1)-507

LOCATION ENWETOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

21 April 1954

For: The Complete Construction of Fresh and Salt Water Systems, Elevated Water Tower, Salt Water Pump Station, and Acid Tank Bldg.  
Building No.: 121, 124, 184

ESTIMATE

Continued from Previous Page

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	complete with electric wiring and fixtures, and piping connecting to a 4'-6" diameter concrete pipe well 16'-0" deep, located 26'-4" from the building. The installed equipment includes: Three electric and one engine driven pump units.	1	Each					
			Direct	\$2,614.42				
			Indirect	1,642.40		\$135.10	\$4,391.92	
	<u>ACID TANK BUILDING - Bldg. #184</u>							
	A one story wood frame, shed roof of corrugated galvanized iron, one side and one end of wood louvers, erected on a 5" concrete floor slab, size 8'-0" x 12'-0" (96 square feet) x 8'-6" mean height, complete with tank, pump and piping.	1	Each					
			Direct	\$751.75				
			Indirect	475.45			\$1,227.20	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

2A-5101 3/19/51  
2A-044 3/19/51  
2A-5101 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-11)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

19 March 1951

For: The Complete Construction of Decontamination Shower and 200 Man  
Latrine Building  
Building No.: 125

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>DECONTAMINATION SHOWER AND 200 MAN LATRINE BUILDING</u>							
	This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 20'-8 1/2" x 10'-0" mean height, erected on a 5" concrete slab. Complete with electric wiring and fixtures, plumbing, lockers, and benches. Total floor area U.D. 551 square feet. Installed equipment includes: A water cooler with drinking fountain.	1	Each					
			Direct Indirect	\$4,618.33 180.43		\$154.17	\$4,952.93	

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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR

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DATE OF THIS REPORT:  
19 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5106 3/19/51  
2A-045 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of 50 Man Latrine Buildings

Building No.: 126, 128 and 129

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>50 MAN LATRINE BUILDINGS</u>							
	This is a one story, shed roof, wood frame, with corrugated aluminum siding and roofing. Building size O.D. 12'-0" x 12'-0" x 7'-10 1/2" mean height, erected on a 5" thick concrete slab. Upper portion of walls and door covered with plastic insect screen; complete with electric wiring and fixtures; plumbing. Total floor area O.D. 144 square feet.	3	Each					
		1	Unit					
			Direct	\$864.17		\$26.84	\$918.72	
			Indirect	25.71				
	TOTAL - 3 Units		Direct	\$2,592.51		\$86.51	\$2,756.16	
			Indirect	77.14				

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5104 3/19/51  
2A-499 3/19/51

JOB NO. 640 - 21-1

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E  
DATE OF THIS REPORT:  
19 March 1951 ;

For: The Complete Construction of 300 Man Latrine Building

Building No.: 127 and 130

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>300 MAN LATRINE BUILDINGS</u>							
	This is a one story, double roof, prefabricated aluminum building, size I.D. 24'-0" x 20'-8 1/2" x 10'-0" mean height, erected on a 5" thick concrete slab. Complete with electric wiring and fixtures; plumbing. Total floor area O.D. 551 square feet. Installed equipment includes: A water cooler with drinking fountain.	2	Each					
		1	Unit					
			Direct	\$4,618.33				
			Indirect	180.43		\$154.17	\$4,952.93	
	TOTAL - 2 Units		Direct	\$9,236.67				
			Indirect	360.85		\$308.35	\$9,905.87	

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SANTA FE OPERATIONS OFFICE  
COMPLETION REPORT FOR**

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AS-BUILT DRAWING NUMBERS AND DATES:

2A-5125 1/11/51  
9A-540 1/19/51

JOB NO. 640 - 2h

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

Not for use by A-E

DATE OF THIS REPORT:

19 January 1951

For: The Complete Construction of Booster Pump House

Building No.: 131

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>BOOSTER PUMP HOUSE</u>							
	One story wood and aluminum construction; rectangular shape; size I.D. 13'-0" x 16'-0" x 8'-6" high; set on a 5" thick reinforced concrete slab; roof 2" x 6" rafters, walls 2" x 4" framing, corrugated aluminum roofing and siding; hinged aluminum shutters; electric services; pumps and piping; floor area O.D. 228 square feet; cubic contents I.D. 1,768 cubic feet. Outside: Reinforced concrete valve box, 5" thick walls and bottom; size I.D. 6'-0" x 8'-6" x 3'-6" deep; projects 6" above grade; 2" redwood top. Installed equipment includes: Two pump units.	1	Each					
			Direct	\$2,366.14				
			Indirect	64.81				
						\$112.07	\$2,543.02	

**CAUTION**

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

SHEET NO. 36 OF 41

AS-BUILT DRAWING NUMBERS AND DATES:

JOB NO. 640 - 2

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWE TOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

19 March 1951

38-5123-1 3/19/51

For: The Complete Construction of Guard Post

Building No.: 132

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
<u>GUARD POST</u>	A wood frame shed on runners, corrugated aluminum covered roof, plywood sides, size O.D. 4'-0" x 4'-0" x 8'-0" high, complete with electrical wiring and fixtures and telephone installation.	1	Each	\$134.11 5.24		\$4.47	\$143.82	

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SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

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AS-BUILT DRAWING NUMBERS AND DATES:

FS-627 4/23/51  
FS-394 4/19/51

JOB NO. 640 - 2r,  
640 - 2s

CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E

DATE OF THIS REPORT:

23 April 1951

For: The Complete Construction of Cargo Pier and Personnel Pier Landing

Building No.: 140 and 142

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>CARGO PIER - Unit #140</u>  A conventional type wood structure of heavy timber, piling, dolphins, and decking. The main deck is approximately 59 feet wide x 64 feet long, with an approach deck 20 feet wide x 35'-3" long, surrounded by an existing mole. The decking totals 4,481 square feet and is elevated 10 feet above sea level.	1	Each Direct Indirect	\$20,198.77 553.37		\$226.24	\$20,978.38	
	<u>PERSONNEL PIER LANDING - Unit #142</u>  This wood structure built around existing piling consists of two stairways and deck, blocked, braced and bolted complete with fender piling and handrails size approximately 16' wide x 40' long x 13' high.	1	Each Direct Indirect	\$27,360.79 17,848.23		\$226.25	\$45,435.27	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

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DATE OF THIS REPORT:

24 March 1951

AS-BUILT DRAWING NUMBERS AND DATES:

2A-5117 3/24/51  
2A-046 3/19/51

JOB NO. 640 - 2f-2  
640 - 2g-2  
640 - 2i-2

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

For: The Complete Construction of 8 Man Tents

Building No.: 201 thru 439

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>8 MAN TENTS</u>							
	An eight-man tent and wood frame anchor bolted to a 4" thick concrete slab, size O.D. 15'-10" x 31'-10", slab area 504 square feet, complete with electric wiring and fixtures.	239	Each					
		1	Unit					
			Direct	\$679.51				
			Indirect	20.56		\$6.90	\$706.97	
	TOTAL - 239 Units		Direct	\$162,403.72				
			Indirect	4,912.91		\$1,648.24	\$168,964.87	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

AS-BUILT DRAWING NUMBERS AND DATES:

7th Engineer Brigade Drawings  
dated 11 January 1951  
Sheets No. 1 thru No. 18

JOB NO. 640 - 2a-2  
640 - 2a-2

CONTRACT NO. AT-129-11-507

LOCATION ENIWETOK ISLAND - SITE "A"

Not for use by A-E  
DATE OF THIS REPORT:  
11 January 1951

For: The Complete Construction of Electrical Overhead and Underground Distribution System, and Telephone System  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<b><u>ELECTRICAL OVERHEAD AND UNDERGROUND DISTRIBUTION SYSTEM</u></b>							
	This system consists mainly of cable and wire, 31,842 feet of overhead primary, 18,072 feet of underground primary, 103,243 feet of overhead secondary, 3,882 feet of underground secondary, 137 poles and 74 transformers, an airstrip lighting system of 80 lights and transformer, with surface layed cable, and a street lighting system of 23 lights mounted on distribution poles.	1	System Direct Indirect	\$138,928.83 72,773.55		\$10,155.12	\$221,857.50	
	<b><u>ELECTRICAL GENERATING EQUIPMENT</u></b>							
	Equipment includes: Six diesel engine driven generators, cubicles, panel boards, all located in Building #56.	1	Lot Direct Indirect	\$248,976.28 107,620.05			\$356,596.33	
	<b>TOTAL - Distribution &amp; Equipment</b>		Direct Indirect	\$387,905.11 180,393.60		\$10,155.12	\$578,453.83	
	<b><u>TELEPHONE SYSTEM - OVERHEAD AND UNDERGROUND</u></b>							
	Consists mainly of 37,320 feet of buried cable, 4,180 feet of overhead cable, 60 service drops, messenger cable, poles, guys and terminal boxes.	1	System Direct Indirect	\$156,729.18 6,270.86		\$1,287.37	\$164,287.41	

**CAUTION**

"This document contains information affecting the national defense of the United States within the meaning of the espionage laws, and its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law. It is to be controlled in accordance with the provisions of Executive Order 12958, dated August 31, 1950, and any subsequent amendments thereto."

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~

SHEET NO. 40 OF 41

AS-BUILT DRAWING NUMBERS AND DATES:  
7th Engineer Brigade Drawings  
dated 11 January 1951  
Sheets No. 1 thru No. 18

JOB NO. 640 - 20-1 & 2 CONTRACT NO. AT-(129-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E  
DATE OF THIS REPORT:  
11 January 1951

For: The Complete Construction of Sewer System  
Building No.:

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<p><u>SEWER SYSTEM</u></p> <p>Piping system, sanitary sewer, outdoor, consists mainly of 6" and 8" vitrified pipe mains and services and corrugated metal pipe outfall and manholes. Total 12,267 lineal feet vitrified clay pipe, 43 manholes. 77 house connections and 2,440 feet corrugated metal pipe outfall.</p>	1	System					
			Direct	\$63,693.46				
			Indirect	6,744.39		\$2,880.32	\$73,318.17	

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ATOMIC ENERGY COMMISSION  
SANTA FE OPERATIONS OFFICE

COMPLETION REPORT FOR

~~SECRET~~ SHEET NO. 11 OF 11

AS-BUILT DRAWING NUMBERS AND DATES:

7th Engineering Brigade Location Drawings,  
Sheets #1 thru #18, dated 11 January 1951.

JOB NO. 640 - 2a  
640 - 2b  
640 - 2c  
640 - 2d  
640 - 2e

CONTRACT NO. AT-(29-1)-507

LOCATION ENIWETOK ISLAND - SITE "A"

\*Not for use by A-E  
DATE OF THIS REPORT:  
11 January 1951

For: The Complete Construction of Site Preparation, Roads and Airstrip

Building No.: —

ESTIMATE

*Property Account Number	DESCRIPTION OF PROPERTY UNITS	Quantity	Unit	Construction Contract Cost	Est'd. Value Gov. Furnished Material	Engineering Cost	Total	*Proration of Charges to Units
	<u>AIRSTRIP</u>							
	Runway is 150' wide x 7,050' long and includes 2 1/2" asphalt paving of 150' x 3,050' and a concrete warm up slab 100' x 100' x 8" thick. Adjacent areas for plane parking and taxiways included clearing, leveling and stabilizing. Warm up area includes 3" asphalt paving of approximately 12,000 square yards.							
	Asphalt Paving Runways & Warm Up Area	63,055	Sq. Yds.					
			Direct	\$37,592.64				
			Indirect	22,525.96		\$838.63	\$60,957.23	
	Plane Parking Area-clear, level, and stabilize	125,066	Sq. Yds.					
			Direct	\$15,337.74		-0-	23,304.35	
			Indirect	7,966.61				
	<u>ROADS</u>							
	Include 2 1/2" asphalt paving of principal 24' roadways to the extent of approximately 9,000 lineal feet (24,000 square yards).							
	Asphalt Paving	24,000	Sq. Yds.					
			Direct	\$38,920.05				
			Indirect	7,286.39		773.96	\$46,980.40	
	Blade & Shape	40,000	Sq. Yds.					
			Direct	\$2,122.57				
			Indirect	188.53		787.50	3,098.60	
	<u>SITE PREPARATION</u>							
	Cleared, leveled and stabilized area of approximately 46,000 square yards.							
	Blade & Shape	46,000	Sq. Yds.					
			Direct	\$143.54				
			Indirect	153.76		771.51	1,068.81	

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CAUTION

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