

WORK AUTHORIZATION Contract AT-(29-2)-20 Job No. <u>842</u>	Pacific Southwest Region U.S. ATOMIC ENERGY COMMISSION PACIFIC PROVING GROUND	5468 Serial Number 19600 I&N WORK ORDER NO. Job Folder No. <u>3659</u>
CONSTRUCTION/ MAINTENANCE SERVICES		

TITLE <u>REHABILITATION OF RAD-SAFE STATION</u>		
H & N IDENTIFICATION NO. <u>19600</u>	LOCATION <u>OTHO</u>	
DATE ISSUED <u>11-5-57</u>	DATE REQUIRED <u>ASAP</u>	PRIORITY <u>NORMAL</u>
REQUESTED BY _____	TASK GROUP _____	PROJECT _____
COST CODE (HAN) _____	ACTION BY _____	
APPLICABLE DRAWINGS <u>Per attached list.</u>		
<u>1601.2</u>		


DETAIL OF WORK TO BE PERFORMED

Furnish labor and material to rehabilitate and/or reconstruct Bldgs. and facilities for Rad-Safe Station, Site Wotho, in accordance with the above ref. dvgs.


Applicable Sub-accounts:

BEST COPY AVAILABLE

010 Site Prep	MH	410	Millwork	MH	820	Comm Util.	LF-MH
020 Demolition	MH	420	Finish Hdwe.	Sets	900	Cleanup	MH
030 Earthwork & Grd.	CY-SY	440	Plbg. & Fixtures	LF-EA			
050 Forms	SF	545	Process Equip.	PC			
070 Reinf.	LB	560	Process Piping	LF			
100 Concrete	CY	600	Elect. Outlets	EA-LF			
110 Conc. Finish	SF		Mtr. Com. Fixt.	EA			
140 Carpentry	BF		Equipment	EA-APPROVED			
210 Ro. Hdwe.	LB	630	Painting	SF			
220 Mtl. Sidg. & Roof	SF	640	Spec. Equip.	EA			
240 Sheet Metal	LF	710	Elect. Distr.	LF			
280 Insulation	SF	760	Water Utility	LF			
370 Wall & Clg. Coverg.	F	790	Sewer Utility	LF			


 RES. ENGINEER
 DATE 11/6/57

All labor, material, installed equipment, equipment usage, concrete, and aggregate used in the performance of this work must be reported under this Work Order Number, with the description of the work performed in accordance with pages 3 and 14 thru 19 of the Holmes & Narver Foreman's Handbook.

Task Group Approval	A.E.C. Authorization	Holmes & Narver Approval
Date _____	<u>TBE/EM/H5653</u> Date <u>10-7-57</u>	 Date <u>11-6</u>

DISTRIBUTION:

Engineering Division _____ (4)	Project Manager - H.O. _____ (1)
Construction Division _____ (30)	Project Controller - H.O. _____ (1)
Service Operations Division _____ (3)	J/S Survey _____ (1)
Supply Division _____ (4)	J/S Estimating _____ (2)
Accounting Division _____ (8)	JS Engr. Design _____ (1)
Chronological _____ (1)	JS Reporter _____ (1)
AEC Resident Engineer _____ (5)	JS Inspection - ELMER _____ (1)
User _____ (1)	JS Test Lab - ELMER _____ (3)
Project Engineer - H.O. _____ (1)	JS Property Section _____ (1)
Special Services _____ (1)	JS Safety Engineer _____ (1)
Communications _____ (2)	

15, 1994
 15, 1994
 15, 1994

TITLE REHABILITATION OF ~~INDUSTRIAL~~ STATION ~~SLIP~~ ~~NO~~
Pacific Southwest Region

PAGE NO. 2 Serial No. 5468 WORK ORDER NO. 19600

APPLICABLE DRAWINGS:

- ↘ J/S 50-002-C2
 - ↘ 9 A1
 - ↘ 080-E2
 - ↘ 1-A2
 - ↘ 5-A1
 - ↘ 5-E1
 - ↘ 8-E1
 - ↘ 8-M1
 - ↘ 5-M1
 - ↘ 6-A1
- ↘ J/S TYP 038-S3
 - ↘ S5
 - ↘ J/S TYP 087-S1, Rev. A
 - ↘ 041-S2
 - ↘ 028-M4
 - ↘ 063-S1
 - ↘ TYP 099-E2, Rev. 1
 - ↘ E1, Rev. 3
 - ↘ TYP 089-M1
 - ↘ 067-M1
 - ↘ 067-M2
 - ↘ PS 1900
 - ↘ J/S TYP 038-M7
- ↘ J/S TYP 035-A2, Rev. E
 - ↘ 038-A8
 - ↘ 038-S1

DISTRIBUTION SAME AS ON PAGE 1

Hawker, Inc. Proprietary for Cold War Operations, Advise MO/ID: 19600 Pacific Southwest Region		Site: Wothe		Date: 12-20-57		
PERSONNEL	Departure	Arrival	Location	Comments		
EQUIPMENT	Type Aircraft		Quantity	Type Equipment	Quantity	
MATERIAL	Type Aircraft		Quantity	Type Material	Quantity	
CONSTRUCTION PHASES	Construction Phase	Start	Compl.	Construction Phase	Start	Compl.
	One	12-2-57				
AIR SUPPORT	Type Aircraft	Arrival	Depart.	Passengers/Cargo		
	UF-1	12-3-57		H. Kohl, D. Winchester, Mail		
	UF-1		12-3-57	" " " " " Aki (Plumber)		
	UF-1	12-9-57		Tent Flies, Screening, Plumb. Supplies, Mail		
	UF-1		12-9-57	Mail		
	UF-1	12-13-57		2-TT Constables, Mr. M. Neas (Distad)		
NOTES	Off-loading of men, material and equipment at site Elmer completed 12-16-57. Minor work remains to be done at Wothe: Furnish and install tent fly on one tent, screening on five tents; acid pump at P&D bldg. to be connected.					
	Sheet 1 of 3					

Inspectors: H. Malstrom Sites: Pacific Southwest Region Date: 12-20-57

No.	Building/Facility	Type Construction	Start	Complete
1	Day Room	Crst. Slab, Wood Frame & Tent	12-10-57	12-12-57
2	Quartermaster	"	12-9-57	12-12-57
3	"	"	12-9-57	12-12-57
4	"	"	12-8-57	12-12-57
5	Mess Hall	Crst. Slab, Wood Frame & Tent	12-8-57	12-12-57
6	Recreation	"	12-8-57	12-12-57
7	Rad. Lab	"	12-8-57	12-12-57
8	Power & Oil Mill Room	Crst. Slab, Wood Frame, Alum. Roof	12-2-57	12-13-57
9	Pit Lab	Crst. Slab, Frame, Walls, Alum. Roof	12-4-57	12-11-57
10	Field Shower	Crst. Slab, Alum. Roof, Wood Frame, Wall	12-4-57	12-11-57
11	Pump House	Crst. Slab, Wood Frame, Walls, Roof	12-3-57	12-11-57
12	Water Tower	Crst. Slab, 157' Cube and 5' Tank	12-3-57	12-5-57

Notes & Comments:
 No fly screens on tents.
 No fly screens on tents 1, 2, 3, 5, 6, and 7.

Major Equipment	Quantity	Location	Start	Complete
19.5 CU Ft. Deep Freezer	1	Quartermaster	12-8-57	12-11-57
40 CU Ft. Refrigerator	1	Quartermaster	"	"
12 CU Ft. Refrigerator	1	Quartermaster	"	"
Electric Field	1	Quartermaster	12-8-57	12-12-57
Ice Cube Machine	1	Quartermaster	"	"
Double Sink Unit	1	Quartermaster	"	"

Notes & Comments:

Holmes & Narver, Inc. OFF-ATOLL PROJECT COMPLETION REPORT Job: NO/ID:

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Inspector: Site Pacific Southwest Region Date:

CONSTRUCTION HISTORY: Project Completion Date:

[REDACTED]

COORDINATION WITH THE STATE DEPARTMENT OF THE INTERIOR

[REDACTED]

COMPLETION DATE OF QUANTITIES

BOILES & HARVEY, INC.
 From the Holdings of the National Archives
 College Park, MD 20740
 Pacific Southwest Region

SITE: WOTH/O
 National Archive
 11-29-57

I.D. NO. 19600

FACILITY: RAD SAFE STATION

DATE COMPLETED

MADE BY:

APR 10 1957

S/N	DESCRIPTION	EST. QUANTITY	UNIT	STD	ACT. QUANTITY	EST. %	VARIANCE	
							+	-
020	DEMOLITION	1	EA	23	3.1			
031	DITCH EXCAVATE	120	LF	12	0.5			
032	DITCH SAND	120	LF	12	1.1			
033	LOGS BLSK	125	EA	11	2.0			
035	PINE GRADE (BLDG)	100	SF	05				
039	DISBURS	27	GF	04				
040	PILING (NAV. TUBE)	5	EA	10	1.0			
050	FORMWORK	175	SF	12	1.0			
070	REBAR	110	LB	03	0.6			
100	CONCRETE							
	TOWER FOOTING	1	CU	12	1.0			
	BLDG SLAB	31	CU					
110	CONCRETE FINISH	215	SF	11	0.7			
140	CARPENTRY							
	WATER TOWER	1000	BF					
	TENT FRAME (BLDG)	1000	BF					
	PNEUMATIC	300	BF					
	TENT FRAME (BLDG)	100	BF	10	9.1			
	FIELD SHOWERS	180	BF					
	POWER DISTRIBUTION	1035	BF					
	AGRI. PIT	320	BF					
	PUMP HOUSE	200	BF					
145	PIER FRAMING	2725	BF	31				
146	DECKING	1440	BF	12				
148	LOGS - SM. CRAFT DOCK	10	EA	12				
210	ROUGH HARDWARE	1287	LB	-				
220	MISC. METAL WORK							
	WATER TOWER	1275	LB					
	SM. CRAFT DOCK	1680	LB					
	FLANGED SLEEVE	16	EA	42	2.0			
	CHAIN (FENDER LOG)	100	LF					
	CABLE (DOCK ANCHOR)	560	LF					
223	MTL SIDING (P&D BLDG)	480	SF	03				
TOTALS						19.4		

COMPLETION REPORT OF QUANTITIES		FACILITY: RAD SAFE STATION			DATE: 11-29-57		SITE: MATHO			
L.D. NO.: 19600		MADE BY:			APPROVED:					
B/A	DESCRIPTION	EST. QUANTITY	UNIT	WTD %	ACT. QUANT.	EST. % COMPLETE AT REPORTING DATE				
225	MILL BLOORING									
	FINISH HARDWARE	300	EA							
	FIELD SHOWERS	115	SF	0.2						
	PUMP HOUSE	300	SF							
240	SHEET MILL WORK	150	MH	1.5						
350	ROOFING (PAPER & PLY)	100	SF	0.1						
370	WALL COVERING									
	PUMP HOUSE	200	SF							
	PIT Lining	100	SF	0.1						
	FIELD SHOWERS	210	SF							
	ASBESTOS	150	SF							
390	FLR COVER (PIT L.)	30	SF	0.1						
410	MILL WORK	179	MH	1.8						
420	FINISH HARDWARE	300	EA							
440	PLUMBING	225	SF							
443	FINISH	30	EA	0.1						
447	FINISH	30	EA	0.1						
545	PROCESS PLANT CONN.	15	EA	0.1						
560	PIPES	170	SF	0.1						
601	ELECTRICAL	149	MH	1.3						
602	FEATURES	34	EA	0.5						
603	OUTLETS	98	EA	0.2						
605	MOTOR CONN.	5	EA	0.2						
607	ELEC. EQMT.	319	MH	2.0						
630	PAINTING	55	MH	1.2						
640	SPECIALTIES	5	EA	0.1						
660	CANVAS TENTS	7	EA	1.2						
710	ELEC. UTILITIES	925	LF	0.7						
760	WATER "	500	LF	4.0						
820	COMM. "	190	MH	3.2						
900	FINAL CLEAN-UP	78	MH	1.2						
SHEET #1						19.4				
TOTALS						36.1				

COMPLETION REPORT OF QUANTITIES

REPORT MADE AT: *ADDITIONAL* NATIONAL ARCHIVES
LOCATION: *ADDITIONAL* DATE: *11-29-57*

JPI

L.D. NO.: *19600*

FACILITY: *RAD SAFE STATION*

DATE COMPLETED:

MADE BY:

APPROVED:

Q/A	DESCRIPTION	EST. QUANTITY	UNIT	STD. %	ACT. QUANT.	EST. % COMPLETE AT REPORTING DATE			
						10-20			
<i>950</i>	<i>LOAD & OFF LOAD</i>	<i>325</i>	<i>MH</i>	<i>5%</i>	<i>30</i>				
<i>960</i>	<i>SALARY & TRAVEL</i>	<i>140</i>	<i>MH</i>	<i>7%</i>	<i>75</i>				
<i>970</i>	<i>MISC SUPPORT WORK</i>	<i>12</i>	<i>MH</i>	<i>3%</i>					
<i>TOTAL</i>		<i>477</i>	<i>MH</i>	<i>100%</i>					
		<i>NET TO</i>	<i>14</i>	<i>2%</i>					
					<i>361</i>				
					<i>73.6</i>				
TOTALS									