

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 (H&N) _____	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. dwgs.

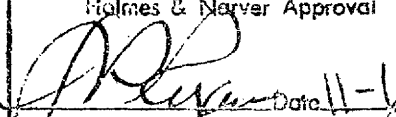
Applicable Sub-Accounts:

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	IF-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.	SF 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 - BLMR _____	(1)
User _____	(1)	JS Test Lab - BLMR _____	(3)
Project Engineer - H.O. _____	(1)	JS Property Section _____	(1)
Special Services _____	(1)	JS Safety Engineer _____	(1)
Communications _____	2		

NATIONAL ARCHIVES
 COLLEGE PARK, MARYLAND
 15, 1994

PAGE NO. 2 Serial No. 5468 NEW 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-035-A2, Rev. E
 - ↘ 038-A8
 - ↘ 038-S1
- ↘ J/S TYP 038-S3
 - ↘ S5
 - ↘ J/S TYP 087-S1, Rev. A
 - ↘ 041-S2
 - ↘ 028-A4
 - ↘ 063-S1
 - ↘ TYP 099-E2, Rev. 1
 - ↘ E1, Rev. 3
 - ↘ TYP 089-M1
 - ↘ 067-M1
 - ↘ 067-M2
 - ↘ FS 1900
 - ↘ J/S TYP 038-M7

DISTRIBUTION SAME AS ON PAGE 1

Inspector: H. Walston Site: Pacific Southwest Region Date: 12-20-57

No.	Building/Facility	Type Construction	Start	Complete
1	Day Room	Cast-in-place Slab, Wood Frame & Tent	12-10-57	12-12-57
2	Quartermaster's Office	Cast-in-place Slab, Wood Frame & Tent	12-9-57	12-12-57
3	12-9-57	12-12-57
4	12-8-57	12-12-57
5	Dress Hall	Cast-in-place Slab, Wood Frame & Tent	12-8-57	12-12-57
6	Recreation Room	Cast-in-place Slab, Wood Frame & Tent	12-8-57	12-12-57
7	Rad. Lab	Cast-in-place Slab, Wood Frame & Tent	12-8-57	12-12-57
8	Power Substation	Cast-in-place Slab, Wood Frame, Alum. Walls, Roof	12-2-57	12-13-57
9	Pit Lab	Cast-in-place Slab, Wood Frame, Walls, Alum. Roof	12-4-57	12-11-57
10	Field Shower	Cast-in-place Slab, Alum. Roof, Wood Frame, Wall	12-4-57	12-11-57
11	Pump House	Cast-in-place Slab, Wood Frame, Walls, Roof	12-3-57	12-11-57
12	Water Tower	Cast-in-place Slab, Alum. Roof, Alum. Tank	12-3-57	12-5-57

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

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

Notes & Comments:

COMPONENTS OF QUANTITIES

BOILES & HARVEY, INC.
 From the Holdings of the National Archives
 Pacific Southwest Region

CITY: WOTH/O
 11-29-57

E.D. NO. 19600

FACILITY: RAD SAFE STATION

DATE: 1960

MAKE BY:

APPROVED:

S/N	DESCRIPTION	EST. QUANTITY	UNIT	STD	ACT. QUANT.	EST. % COMPONENTS		
020	DEMOLITION	1	EA	23	3.1			
030	MASS EXCAVATE	120	CU YD	11	0.3			
035	GRAV	27	CU YD	12	1.1			
040	FOOTING BARS (W)	185	LB	11	0.9			
035	FINE GRADE (SAND)	110	CU YD	03				
039	DISP. SAND	27	CU YD	02				
040	PILING (WAL) (CUB)	5	EA	13	1.0			
050	FORMWORK	575	SF	12	1.0			
070	REBAR	240	LB	03	0.8			
100	CONCRETE							
	TOWER FOOTING	8	CU YD	12	1.0			
	BLDG SLAB	31	CU YD					
110	CONCRETE FINISH	225	SF	11	0.7			
140	CARPENTRY							
	WATER TOWER	1000	BF					
	TENT FRAME (WOOD)	1000	BF					
	PINE LAGERS	300	BF					
	TENT FRAME (STEEL)	110	BF	10	0.1			
	FIELD SHOWERS	520	BF					
	POWER DISTRIBUTION	2035	BF					
	ACU PIT	220	BF					
	PUMP HOUSE	200	BF					
145	PIER FRAMING	2225	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	MTC. SIDING (RAD. BLDG)	480	SF	03				
					TOTALS	19.4		

COMPLETION REPORT OF QUANTITIES		FACILITY: RAD SAFE STATION			SITE: ALSTHO		DATE: 11-29-57	
L.D. NO.: 19600		MADE BY:			APPROVED:		J.P.	
S/A	DESCRIPTION	EST. QUANTITY	UNIT	WTD %	ACT. QUANT	EST. %	% COMPLETE AT REPORTING TIME	
225	MTL ROOFING							
	REPAIR WORK	500	SF					
	FIELD POWER	100	SF					
	PURCHASES ETC	100	SF					
240	SHEET MTL WORK	100	MH					
350	ROOFING (PAPER)	100	SF			0.2		
370	WALK COVERING							
	PUMP HOUSE	200	SF					
	PIT CONCRETE	100	SF			0.3		
	BEAR SHOWER	250	SF					
	ASBESTOS CURB	150	SF					
390	FLR COVER (PIT)	50	SF	0.1		0.1		
410	MIL WORK	129	MH	0.8		2.0		
420	FINISH HARDWARE							
440	PAINTING	225	SF			0.2		
443	FINISH							
447	FINISH							
545	PROCESS PLANT CONN.	15	EA	0.1		0.2		
560	" PIPING	270	LF	0.1		0.7		
601	ELECTRICAL	149	MH	0.2		1.3		
602	FURNITURE	50	EA	0.1		0.5		
603	OUTLETS	98	EA	0.2		0.2		
605	MOTOR CONN.	5	EA	0.2				
607	ELEC. EQMT.	319	MH	0.5		2.0		
630	PAINTING	55	MH	0.1				
640	SPECIALTIES	5	EA	0.1				
660	CANVAS TENTS	7	EA	0.1				
710	ELEC. UTILITIES	925	LF	0.1		0.7		
760	WATER "	500	LF	0.4				
820	COMM. "	190	MH	0.3				
900	FINAL CLEAN-UP	72	MH	0.1				
						SHEET #1	19.4	
TOTALS						36.1		

