

**BUREAU OF LAND MANAGEMENT
ELKO FIELD OFFICE
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	REPLACE CULVERTS IN BURNED AREA INSTALL 6, 24" CULVERTS IN DOZER LINE	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	W-17 (BLM 98-148 III. BB) Debris Rack and Road/Culvert Protection	FISCAL YEAR(S) (list each year):	2000

I. WORK TO BE DONE

Number and Describe Each Task:
<p>A. General Description: Four (4) each, corrugated metal pipes (cmp) to be installed where the dozer line crosses creek crossings in the Beowawe fire. (See attached map index). These culverts were damaged or proposed as a result of the fire suppression effort.</p> <p>B. Location (Suitable) Sites: Sites are staked on the ground, in the Beowawe burn area. The project will be shown to prospective bidders on dates set by the agency. (See attached map and Map Index)</p> <p>C. Design/Construction Specifications: Remove the earth fill and replace 4 each, 24" diameter corrugated metal pipes (cmp). Bed cmp in fine-grained soil that does not contain rocks or other abrasives. Backfill with fine-grained, native soil hauled to the site, and compact the backfill to 90% compactability.</p> <p>D. Purpose of Treatment Specifications: New culverts replace the existing soil that was pushed into the site as a temporary, crossing.</p>

II. LABOR, MATERIALS AND OTHER COST:

PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).	COST/ITEM
One backhoe operator @ \$35.00/hr x 16 hours per cmp, x 4 cmp	\$2,240.00
Two laborers @\$15./hour x 16 hours/cmp x 4 cmp	\$960.00
TOTAL PERSONNEL SERVICE COST	\$3,200.00
EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of House X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting. LEASE	COST/ITEM
One rubber tired backhoe @ \$65.00 / hour x 16 hrs/cmp x4 cmp	\$4,160.00
One motorized soil compactor @\$35.00/hr x 16 hrs/cmp x 4cmp	\$2,240.00
One motor grader @\$75.00/hr x 10 hrs/cmp x 4 cmp	\$3,000.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$9,400.00
	COST/ITEM
Fine grained soil for bedding cmp. @ \$10.00/cu yd x 50 Cu. Yds./cmp x 4 cmp	\$2,000.00
Corrugated metal pipe (24" diameter) @ \$18.00 per linear foot x28 linear feet/cmp x 4 cmp	\$2,016.00
Flared inlet @ \$63.00 x 4 inlets	\$252.00
Flared outlet @ \$63.00 x 4 outlets	\$252.00
TOTAL MATERIALS AND SUPPLY COST	\$2,520.00

▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL TRAVEL COST	
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Culvert	\$4,280.00	4	\$17,120.00	F	P
FY 2						
FY 3						
TOTAL:	Culvert	\$4,280.00	4	\$17,120.00	F	P

FUNDING SOURCES:

F = Fire Suppression Account
 EFR = Emergency Fire Rehabilitation
 OP = Agency Operating Fund
 O = Other

METHODS:

P = Agency Personnel Services
 C = Contract (Long-Term)
 EFC = Emergency Fire Contract
 FC = Crew Labor Assigned to Fire

SOURCE OF COST ESTIMATE

1. Estimate obtained from 2-3 independent contractual sources.	
2. Documented cost figures from similar project work obtained from local agency sources.	
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	P, T
5. No cost estimate required - cost charged to Fire Suppression Account.	M

P = Personnel Services, M = Materials/Supplies, T = Travel, C = Contract, F = Suppression

III. RELEVANT DETAILS, MAPS AND DOCUMENTATION INCLUDED IN THIS REPORT:

List Relevant Documentation and Cross-Reference Location within BAER Report:

See the Resource Advisor report, (Frenchy Fire) dated 8/17/99 (Incident File), See culvert locations in Map Index, treatment section.

IV. TOTAL COST BY FIRE

FIRE NAME:	UNITS TREATED	COST
BEOWAVE	4	\$17,120.00