

**DEPARTMENT OF THE INTERIOR
ELKO FIELD OFFICE
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	Construct Flood Warning Signs	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	S-2 ROADS, TRAILS, AND SAFETY SIGNS (BLM 98-148 III. A)	FISCAL YEAR(S) (list each year):	2001 - 2003

I. WORK TO BE DONE (describe or attach exact specifications of work to be done):

<p>Number and Describe Each Task:</p> <p>A. General Description: The attached public safety sign was developed for immediate installation on roads and in housing areas that are likely to sustain damage from flooding and debris flows.</p> <p>The Sign Should Read:</p> <p style="text-align: center;">WARNING</p> <p style="text-align: center;">MUD FLOW AND ROLLING BOULDER HAZARD IN THIS AREA CAUSED BY THE FIRE USE EXTREME CAUTION DURING RAIN AND FOR 1 HOUR AFTER RAIN LEAVE THE AREA/STAY OUT OF CANYONS DURING RAINSTORMS</p> <p>B. Location/(Suitable) Sites: Place signs along roads at key access points to canyons that are likely to flood</p> <p>C. Design/Construction Specifications:</p> <ol style="list-style-type: none"> 1. All signs will be metal with white background and red lettering. 2. Signs will be constructed on a standard metal sheet (see materials below). 3. Signs will be mounted two 8ft tall 4x4 posts with carriage bolts. 4. Post holes should be dug a minimum of 2ft deep.

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
WG-5, @ \$12.00/hr x 32 hrs x 1 year to make and install signs (seasonal employee)	\$384.00
TOTAL PERSONNEL SERVICE COST	\$384.00
EQUIPMENT PURCHASE, LEASE AND/OR RENT (Item @ Cost/Hour X # of Hours X # Fiscal Years = Cost/Item): Note: Purchases require written justification that demonstrates cost benefits over leasing or renting.	COST/ITEM
Vehicle Cost @ 33.00 per day x 4 days x 1 vehicles x 1 year	\$132.00
Vehicle Cost @ .17 per mile x 800 miles x 1 vehicles x 1 year	\$136.00
Vehicle Cost @ \$40 per day x 4 days x 1 vehicles x 1 year	\$160.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$280.00

White Omega Sign Board 4ft by 8ft @ \$120.00/ea. x 4 x 1year	\$480.00
Pressure treated posts 4" by 4" by 8ft @ \$10.00/ea x 8 x 1 year	\$80.00
Carriage bolts, with washers and nuts 1-6" @ \$ 1.00/ea x 24 x 1 year	\$24.00
Bags Concrete @ \$12.00/each x 8 bags x 1 year	\$96.00
TOTAL MATERIALS AND SUPPLY COST	\$680.00
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL TRAVEL COST	N/A
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	N/A

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	SIGN	\$336.00	4	\$1,344.00	ESR	P
FY 2						
FY 3						
TOTAL		\$336.00		\$1,344.00	ESR	P

FUNDING SOURCES:

F = Fire Suppression Account
ESR = Emergency Stabilization 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.	M
3. Estimate supported by cost guides from independent sources or other federal agencies	
4. Estimates based upon government wage rates and material cost.	P
5. No cost estimate required - cost charged to Fire Suppression Account	

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 text of Soil and Watershed Assessment (Appendix I) for narrative on the objectives. See map index, Treatment section for potential treatment sites.
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IV.

TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
MAGGIE CREEK	2	\$672.00
ISOLATION	2	\$672.00
TOTAL COST	4	\$1,344.00