

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	CULTURAL RESOURCE INVENTORY OF LINEAR PROJECTS: BULLDOZER LINES, ROAD MAINTENANCE AND FENCES.	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	C-1a Archaeological Resource Damage Assessment (BLM 98-148 III. K)	FISCAL YEAR(S) (list each year):	2000

I. WORK TO BE DONE

Number and Describe Each Task:	<p>A. General Description: Suppression and rehabilitation efforts of linear projects at 13 fires during the period of June 23 through August 6 have damaged or may result in damages to cultural resources. Linear projects include bulldozer lines, road maintenance activities and new fence construction. Although the projects are dissimilar, the cultural resource inventory effort for each is similar and disparate projects may be put together in one contract. Therefore for the purposes of this plan they are treated together.</p> <p>Construction of approximately 78 miles of bulldozer line, safety zones, staging areas and helispots have potentially damaged many cultural resources. Secondary impacts to cultural resources from construction of bulldozer lines may result because these lines have opened areas to the public that were previously not accessible by road.</p> <p>Many roads were damaged by fire fighting equipment either from repeated use by heavy vehicles or due widening of the roads or two-track trails so they could serve as firelines. The original fire fighting activities may have impacted cultural resources. Planned post-fire road maintenance could add to the damage. Cultural resource inventories are needed to assess the impacts and to prevent new impacts.</p> <p>New fences are planned to protect seedings or burn areas. These fences will be inventoried for cultural resources and rerouted as necessary to avoid eligible sites.</p> <p>This prescription will focus on the inventory of disturbed areas or areas which will be disturbed, and the evaluation of historic properties located for potential eligibility to the National Register of Historic Places. All dozer line, damaged roads and proposed new fences will receive survey coverage. Actual field experience may require modification of this assumption. Management recommendations will be developed for eligible historic properties in a manner responsive to the damage and the information potential of the site.</p> <p>B. Location (Suitable) Sites: All areas of dozer line and mechanized ground disturbance.</p> <p>C. Design/Construction Specifications:</p> <ol style="list-style-type: none"> 1. Archival research of existing field office records 2. Consult with tribal organizations and knowledgeable individuals 3. Obtain permission of all private land owners prior to entering private property 4. Conduct field inventory. Survey both sides of line, thereby doubling the amount of miles of disturbed area surveyed. Record all sites on the forms required for the area. Prepare preliminary estimates of damage and significance for properties disturbed by line construction 5. Prepare analysis of the potential effects to cultural properties 6. Recommendations for evaluation of significance for potentially eligible properties <p>D. Purpose of Treatment Specifications: Identification, evaluation, protection and mitigation of significant cultural properties.</p>
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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

TOTAL PERSONNEL SERVICE COST		
▶ 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.	COST/ITEM	
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST		
▶ MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):	COST/ITEM	
TOTAL MATERIALS AND SUPPLY COST		
▶ 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):		
Professional Services Contract, labor, per diem, overhead inclusive		\$10,840.00
Example Calculation : \$40.00/mile x 271 miles x 1 year See Cost by Fire Table at end of specification of detail miles per fire.		
Contract Administration and oversight (4% to field office)		\$ 434.00
TOTAL CONTRACT COST		\$11,274.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Hours	\$41.60	271	\$11,274.00	EFR, F	C
FY 2						
FY 3						
TOTAL:	Hours	\$41.60	271	\$11,274.00	EFR, F	C

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.	C
3. Estimate supported by cost guides from independent sources or other federal agencies.	
4. Estimates based upon government wage rates and material cost.	
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: Cost estimates are to be found in Incident File

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Basin Bulldozer Line Road Maintenance New Fence Total	2.59 Miles 8.13 Miles Miles 10.72 Miles x 2 transects	\$891.00
Beowawe Bulldozer Line Road Maintenance New Fence Total	31 Miles 10 Miles 9 Miles 50 Miles x 2 transects	\$4,160.00
Big Springs Bulldozer Line Road Maintenance New Fence Total	0 ? Miles 0 Miles 4.5 Miles 4.5 Miles x 2 transects	\$374.00
Kelley Creek Bulldozer Line Road Maintenance New Fence Total	42.2 Miles 9.52 Miles ? Miles 51.72 Miles x 2 transects	\$4,303.00
Linka Bulldozer Line Road Maintenance New Fence Total	2 Miles 12 Miles 0 Miles 14 Miles x 2 transects	\$1,164.00
Omni Bulldozer Line Road Maintenance New Fence Total	4.3 Miles .3 Miles 4.6 Miles x 2 transects	\$382.00
Total	135.54 x 2 = 271 miles	
TOTAL COST		\$11,274.00