

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	CONSTRUCT NEW FENCE REQUIRED FOR RESOURCE PROTECTION.	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	P-2c Grazing Exclusion (BLM 98-148 III. O)	FISCAL YEAR(S) (list each year):	2001 - 2003

I. WORK TO BE DONE

Number and Describe Each Task:	
A.	General Description: Construct new fence to protect burned areas. These fences are necessary to prevent grazing by livestock of burned areas needing grazing rest or to protect sensitive species and key areas from grazing. Note that due to limited time to prepare this plan, not all existing fences and natural barriers are shown on the GIS maps. However, all protective fences tie into existing fences, new fences, or natural barriers.
B.	Location (Suitable) Sites: Refer to Map Index, Treatment Section
C.	Design/Construction Specifications: Fence construction will comply with design specifications approved by each BLM District Office. SEE ATTACHED DIAGRAM ON SPECIFICATION S-1b
	<ol style="list-style-type: none"> 1. New fence materials shall be utilized. 2. Construct 4 wire fence for consisting of 3 strands of 12 ½ gauge twisted barbed wire and a bottom strand of 12½ gauge twisted smooth wire unless high stock pressure necessitates barbed throughout. 5 ½ foot steel T posts shall be driven 1½ feet in ground and spaced at 16.5 feet. Interior fences shall be constructed of 3 wire with the bottom wire being smooth where practical. The district may require 3 wire pasture fence where practical. 3. Wood or steel brace posts (stress panels) as recommended by the district shall be placed at all corners or at a maximum of 1/4 mile spacing or as necessary to compensate for topographical undulations. Brace posts are to be secured using 12½ gauge smooth steel wire with a minimum breaking strength of 950 lbs. force. 4. Additional specifications regarding fence placement will be provided at time of construction initiation. 5. Fence design shall comply with acceptable standards and BLM specifications for each application.
D.	Purpose of Treatment Specifications:
	<ol style="list-style-type: none"> 1. Fences shall be constructed to protect rangeland and soil resources as well as to allow future livestock and range management practices to continue. 2. Other resources requiring protection from livestock grazing include isolated riparian areas, sensitive tree and shrub species and key wildlife areas.

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
GS-11 @ 25.00 /10 hours day x 3 days / week x 20 weeks x 1 fiscal years x 1 year	\$15,000.00
GS-09 @ 19.00/10 hours day x 115 days x 1 year	\$21,850.00
GS-07 @ 17.00/10 hours day x 57 days x 2 people x 1 year	\$19,380.00
TOTAL PERSONNEL SERVICE COST	\$56,230.00
▶ MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item:	COST/ITEM
12 ½ Gauge domestic galvanized twisted two point barbed wire @ 35.00 per roll x 682 rolls x 1 year	\$23,870.00
5 ½ ft Steel painted T posts @ \$2.59 per post x 18,176 posts x 1 year	\$47,075.84
12 ½ gauge domestic galvanized twisted smooth wire @ \$38.00 per roll x 227 rolls x 1 year	\$8,626.00
8 foot brace posts (wood or steel) @ \$10.00 each x 250 posts x 1 year	\$2,500.00
8 foot posts (wood or steel) @ 7.48 each x 1,988 posts x 1 year	\$14,870.24
48 inch wire twist stays @ \$0.59 each x 18,176 x 1 year	\$10,723.84
Wire T post clips @ .05 ea. x 72,704 clips x 1 year	\$3,635.20
Fence staples @ \$30.00 per 50 lbs. x 15 cases x 1 year	\$450.00
Cattle Guard with bases @ \$4000.00 x 4 x 1 year	\$16,000.00
TOTAL MATERIALS AND SUPPLY COST	\$127,751.12
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item:	COST/ITEM
2 vehicles @ 2.00 mile x 9088 miles x 1 year	\$36,352.00
TOTAL TRAVEL COST	\$36,352.00
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
Contract Administration @ .04%	\$11,264.00
2 fence supervisors @ \$28.00 / hr x 1100hrs x 1 year	\$61,600.00
10 fencers @ \$20.00 / hr. x 1100 hrs x 1 year	\$220,000.00
TOTAL CONTRACT COST	\$292,864.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 2000	Miles	\$9,035.16	56.8	\$513,197.12	EFR	P, C
FY 2001						
FY 2002						
TOTAL:	Miles	\$9,035.16	56.8	\$513,197.12	EFR	P, 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.	M, C
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.	T
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

C,M - Franklin Building Supply, Coast to Coast, Sargeant Fence Co., High Country Outfitters

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

List Relevant Documentation and Cross-Reference Location within BAER Report: Map Index - Treatment section, Resource Advisors Reports, Forestry section
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IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Camp Creek	20.2	\$182,510.24
Chokecherry	1.5	\$13,552.75
Cold Springs	3.5	\$31,623.07
Rabbit	7.5	\$67,763.70
West Basin	24.1	\$217,747.36
TOTAL COST	56.8	\$513,197.12