

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	RECONSTRUCT PRE-EXISTING FENCE FOR RESOURCE PROTECTION (MINOR)	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	P-2a 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: Reconstruct and/or repair protective fences to allow recovery of seeded areas or areas managed for natural release. Protecting these areas from livestock grazing is critical to ensure reestablishment of desired vegetation. 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. Fences are to be repaired on original fence line locations.
C.	Design/Construction Specifications: Fence construction and repairs shall be in accordance with standard BLM design specifications. Replace burned posts and use existing wire as much as possible. Wire shall be tightened where possible. Wire that has severely lost tensile strength shall be replaced with new. (See attached diagram)
1.	All burned wooden posts, stress panels, corners, stays, broken or highly weakened wire shall be replaced with new similar materials.
2.	Corner posts, brace posts, and stress panels shall be replaced with 8 foot steel or wood posts as recommended by BLM district.
3.	Fence design shall comply with acceptable standards and BLM specifications for each application.
4.	All wires shall be tight upon completion.
D.	Purpose of Treatment Specifications:
1.	Fences shall be replaced to protect range and soil resources as well as to allow future livestock and range management practices to continue. Included are reseeded areas.
2.	Other resources requiring protection from livestock grazing include isolated riparian areas and sensitive tree and shrub species and key wildlife areas.
3.	Livestock enclosures and wildlife guzzlers are to be repaired to provide resource protection and to allow future monitoring of excluded grazing 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 2 days / week x 20 weeks x 1 fiscal years x 1 year	\$10,000.00
GS-09 @ 19.00/10 hours day x 90 days x 1 year	\$17,100.00
GS-07 @ 17.00/10 hours day x 60 days x 2 people x 1 year	\$20,400.00
TOTAL PERSONNEL SERVICE COST	\$47,500.00
▶ 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.	COST/ITEM
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	
▶ 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 1,165 rolls x 1 year	\$40,775.00
5 ½ ft Steel painted T posts @ \$2.59 per post x 31,072 posts x 1 year	\$80,476.48
12 ½ gauge domestic galvanized twisted smooth wire @ \$38.00 per roll x 388 rolls x 1 year	\$14,759.20
8 foot brace posts (wood or steel) @ \$10.00 each x 482 posts x 1 year	\$4,820.00
8 foot post (wood or steel) @ \$7.48 ea x 3,398 posts x 1 year	\$25,417.00
48 inch wire twist stays @ \$0.59 ea. x 31,072 stays x 1 year	\$18,332.00
Wire T post clips @ \$0.05 ea. x 124,288 clips x 1 year	\$6,214.00
Fence staples @ \$30.00 per 50 lbs. x 26 cases x 1 year	\$780.00
TOTAL MATERIALS AND SUPPLY COST	\$191,573.68
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item:	COST/ITEM
Trucks - @ \$2.00 / mile per truck x 2 trucks x 15,536 miles x 1 year	\$62,144.00
TOTAL TRAVEL COST	\$62,144.00
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
Contract Administration .04%	\$4,224.00
Fence supervisors @ \$28.00 / hr per person x 2 people x 600 hrs x 1 year	\$33,600.00
Fencers @ \$20.00 / hr per person x 6 people x 600 hrs x 1 year	\$72,000.00
TOTAL CONTRACT COST	\$109,824.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 2000	Miles	\$4,233.18	97.1	\$411,041.68	EFR	C
FY 2001						
FY 2002						
TOTAL:	Miles	\$4,233.18	97.1	\$411,041.68	EFR	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.	L, M, C
2. Documented cost figures from similar project work obtained from local agency sources.	T
3. Estimate supported by cost guides from independent sources or other federal agencies.	C
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
 C,M - Franklin Building Supply, Coast to Coast, Sargeant Fence Co., High Country Outfitters

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

<p>List Relevant Documentation and Cross-Reference Location within BAER Report: Map Index - Treatment Section , Resource Advisor Reports (Incident File) , Detail notes , Range Assessment - Appendix I</p>

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Adobe	5.1	\$21,589.21
Camp Creek	10.3	\$43,601.75
Chokecherry	25.7	\$108,792.73
Cold Springs	2.2	\$9,312.99
South Cricket	27.5	\$116,412.40
West Basin	26.3	\$111,332.60
TOTAL COST	97.1	\$411,041.68