

**AUGUST 2001 FIRE COMPLEX
BURNED AREA EMERGENCY STABILIZATION REHABILITATION PLAN**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	REPAIR PRE-EXISTING FENCE FOR RESOURCE PROTECTION (MINOR)	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	#25 V-8 Grazing Exclusion	FISCAL YEAR(S) (list each year):	2002 - 2004

I. WORK TO BE DONE

Number and Describe Each Task:	
A.	General Description: 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 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) <ol style="list-style-type: none"> 1. All burned wooden posts, stress panels, corners, stays, broken or highly weakened wire shall be replaced with new similar materials. 2. Corner posts, end panels, and stress panels shall be replaced with 7 foot steel or 6 ½ foot 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 tightened until springy to the touch upon completion.
D.	Purpose of Treatment Specifications: <ol style="list-style-type: none"> 1. Fences shall be repaired 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 35 days x 1 year	\$8,750.00
GS-09 @ 19.00/10 hours day x 35 days x 1 year	\$6,650.00
GS-07 @ 17.00/10 hours day x 35 days x 2 people x 1 year	\$11,900.00
TOTAL PERSONNEL SERVICE COST	\$27,300.00
▶ 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

Vehicle cost @ \$33.00 per day x 2 vehicles x 35 days x 1 year	\$2,310.00
Vehicle Costs @ .17 per mile x 8680 miles x 1 year	\$1,475.00
Fuel for Vehicle @ \$40.00 per day x 2 vehicles x 35 days x 1 year	\$2,800.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$6,585.00
► 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 94 rolls x 1 year	\$3,290.00
5 ½ ft Steel painted T posts @ \$2.59 per post x 690 posts x 1 year	\$1,787.00
12 ½ gauge domestic galvanized twisted smooth wire @ \$32.00 per roll x 112 rolls x 1 year	\$3,584.00
7 foot brace posts (wood or steel) @ \$10.00 each x 2220 posts x 1 year	\$22,200.00
7 foot post (wood or steel) @ \$7.48 ea x 1388 posts x 1 year	\$10,382.00
36 inch wire twist stays @ \$0.35 ea. x 1400 stays x 1 year	\$490.00
Brace bands @ \$0.47 x 115/mi x 69.4 miles	\$3,751.00
Bar stock @ \$0.65 x 82/mi x 69.4 miles	\$3,699.00
Nuts and bolts @ \$0.08 x 100/mi x 69.4 miles	\$555.00
TOTAL MATERIALS AND SUPPLY COST	\$49,738.00
► 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
Contract Administration .07%	\$2,464.00
Fence supervisors @ \$28.00 / hr per person x 2 people x 200 hrs x 1 year	\$11,200.00
6 Fencers @ \$20.00 / hr per person x 200 hrs x 1 year	\$24,000.00
TOTAL CONTRACT COST	\$37,664.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 2002	Miles	\$1,747.66	69.4	\$121,287.00	ESR	C
FY 2003						
FY 2004						
TOTAL:	Miles	\$1,747.66	69.4	\$121,287.00	ESR	C

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

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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:

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

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Tabor Creek	1.8	\$3,145.73
Stag	16.0	\$27,962.50
Rodeo Creek	1.5	\$2,621.43
Sheep	5.9	\$10,311.13
Buffalo	5.8	\$10,136.37
Hot Lake	30.4	\$53,128.80
Dunphy	0.5	\$873.77
Coyote	2.5	\$4,369.09
Dee Gold	0.5	\$873.76
Ranch	4.5	\$7,864.42
TOTAL COST	69.4	\$121,287.00