

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	CONSTRUCT NEW FENCE REQUIRED FOR RESOURCE PROTECTION.	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	#27 V-10 Grazing Exclusion	FISCAL YEAR(S) (list each year):	2002 - 2004

I. WORK TO BE DONE

Number and Describe Each Task:	<p>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.</p> <p>B. Location (Suitable) Sites: Refer to Map Index, Treatment Section</p> <p>C. Design/Construction Specifications: Fence construction will comply with design specifications approved by each BLM District Office. SEE ATTACHED DIAGRAM ON SPECIFICATION P-2b</p> <ol style="list-style-type: none"> 1. New fence materials shall be utilized. 2. Allotment boundary fences shall be constructed of 4 wire fence 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 pasture fences shall be constructed of 3 wires with the bottom wire being smooth where practical and 22 foot spacing. The district may require 3 wire pasture fence where practical. 3. Wood or steel 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. Posts are to be secured using 12½ gauge smooth steel wire with a minimum breaking strength of 950 lbs. force. 4. Temporary fence will use Easy Panels and Braces for the end panels and corners 5. Additional specifications regarding fence placement will be provided at time of construction initiation. 6. Fence design shall comply with acceptable standards and BLM specifications for each application. <p>D. Purpose of Treatment Specifications:</p> <ol style="list-style-type: none"> 1. Fences shall be constructed to protect rangeland and soil resources as well as to allow future livestock, wildlife 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 120 days x 1 fiscal year	\$30,000.00
GS-09 @ 19.00/10 hours day x 52 days x 1 fiscal year	\$9,880.00
GS-07 @ 17.00/10 hours day x 52 days x 2 people x 1 year	\$8,840.00
TOTAL PERSONNEL SERVICE COST	\$48,720.00
▶ 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 Costs @ \$1000 per month x 2 vehicles x 3.3 months x 1 year	\$6,600.00
Vehicle Costs @ .17 per mile x 15600 miles x 1 year	\$2,652.00
Fuel for vehicles @ \$40.00 per day x 52 days x 2 vehicles x 1 year	\$4,160.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$13,412.00
▶ 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 1268 rolls x 1 year	\$44,380.00
5 ½ ft Steel painted T posts @ \$2.59 per post x 27,904 posts x 1 year	\$72,273.00
12 ½ gauge domestic galvanized twisted smooth wire @ \$33.00 per roll x 447 rolls x 1 year	\$14,751.00
7 foot posts (wood or steel) @ \$10.00 each x 32/mi x 2106 posts x 1 year	\$21,056.00
7 foot braces (wood or steel) @ \$7.48 each x 20/mi x 1316 posts x 1 year	\$9,844.00
36 inch wire twist stays @ \$0.35 each x 275/mi x 1 year	\$10,347.00
30 inch wire twist stays @ \$0.32 each x 275/mi x 1 year	\$9,460.00
Brace bands @ \$0.47 x 115/mi x 65.8 miles x 1 year	\$3,556.00
Bar stock @ \$0.65 x 82/mi x 65.8 miles x 1 year	\$3,507.00
Nuts and bolts @ \$0.08 x 100/mi x 65.8 miles x 1 year	\$526.00
Easy Panels @ \$27.00 X 15/mi x 39.9 miles x 1year	\$16,160.00
Easy Braces @ \$13.00 x 15/mi x 39.9 miles x 1 year	\$7,781.00
TOTAL MATERIALS AND SUPPLY COST	\$213,641.00
▶ 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%	\$18,466.00
2 fence supervisors @ \$33.00 / hr x 1692 hrs x 1 year	\$111,672.00
10 fencers @ \$25.00 / hr. x 1692 hrs x 1 year	\$534,000.00
TOTAL CONTRACT COST	\$664,138.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 2002	Miles	\$8,892.25	105.7	\$939,911.00	ESR	P, C
FY 2002	Cattleguards	\$4,000.00	13	\$52,000.00	ESR	P
FY 2003						
FY 2004	Miles (remove)	\$2218.00	39.9	\$88,498.00		P, C
TOTAL:	Miles	\$5,279.27	145.6	\$1,080,409.00	ESR	P, 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

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
--

IV. TOTAL COST BY FIRE

--	--

FIRE NAME	UNITS TREATED	COST
Tabor Creek	13.5	\$120,045.40
	1 Cattlegurads	\$4,000.00
	7.0 (Remove Temp. Fence)	\$15,526.00
Stag	23.3	\$207,189.47
	4 Cattleguards	\$16,000.00
	5.4 (Remove Temp. Fence)	\$11,977.20
North Delano	7.6	\$67,581.11
	2 Cattleguards	\$8,000.00
Rodeo Creek	5.2	\$46,239.71
Sheep	3.0	\$26,676.75
Buffalo	22.9	\$203,632.56
	4 Cattleguards	\$16,000.00
	16.2 (Remove Temp. Fence)	\$35,931.40
Hot Lake	11.2	\$99,593.22
	1.5 (Remove Temp. Fence)	\$3,327.00
Bailey	2.8	\$24,898.30
Ranch	16.2	\$144,054.48
	2 Cattleguards	\$8,000.00
	9.8 (Remove Temp. Fence)	\$21,736.40
TOTAL COST	145.6	\$1,080,409.00