

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	ASPEN PROTECTION FENCE	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	# 2 F-2, Construct new fence required for Aspen regeneration protection.	FISCAL YEAR(S) (list each year):	2002 - 2004

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Construct new fence to protect and/or enhance natural resources and their management. These fences are necessary to prevent grazing by livestock of burned areas needing grazing rest or protect Aspen regeneration and key areas from grazing.</p> <p>B. Location (Suitable) Sites: Refer to Map Index, Treatment Section, Aspen stands to fence</p> <p>C. Design/Construction Specifications: Fence construction will comply with design specifications approved by each BLM District Office. (See attached diagram)</p> <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 12 ½ gauge twisted smooth wire unless high stock pressure necessitates barbed throughout. 5 ½ foot steel T posts shall be driven 1 ½ 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 12 ½ 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 <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 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.
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II. LABOR, MATERIALS AND OTHER COST:

<p>▶ PERSONNEL SERVICES: (Grade @ Cost/Hours X # Hours X # Fiscal Years = Cost/Item Do not include contract personnel costs here (see contractor services below).</p>	COST/ITEM

GS-11 @ \$ 25.00/ 10 hours/day X 3 days/ week X 2 weeks	\$1,500.00
GS -9 @ \$ 19.00/ hour X 10 hours /day X8 days	\$1,520.00
GS-7 @ \$ 17.00/hour X 10 hours X 8 days	\$1,360.00
TOTAL PERSONNEL SERVICE COST	\$4,380.00
► 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
2 Vehicles @ \$ 2.00 per mile X 160 miles per mile of fence constructed X 4 miles of fence constructed	\$2,560.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$2,560.00
► 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 48 rolls	\$1,680.00
5 ½ ft Steel painted T posts @ \$2.59 per post x 1280 posts	\$3,315.20
12 ½ gauge domestic galvanized twisted smooth wire @ \$38.00 per roll x16 rolls	\$608.00
7 foot brace posts (wood or steel) @ \$10.00 each x 20 posts	\$200.00
7 foot posts (wood or steel) @ \$7.48 each X 140 posts	\$1,047.20
36 inch wire twist stays @ \$0.35 each X 1280	\$448.00
Brace bands @ \$ 0.47 X 460	\$216.20
Bar Stock @ \$ 0.65 X 82/mi X 4 mi	\$213.40
Nuts and Bolts @ .08 X 100/ mi X 4 mi	\$32.00
TOTAL MATERIALS AND SUPPLY COST	\$7,760.00
► 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):	COST/ITEM
Contract administration @ 7 %	\$1,277.00
2 fence supervisors @ \$28.00 / hr x 80 hours	\$2,240.00
10 fencers @ \$20.00 / hr. x 80 hrs	\$16,000.00
TOTAL CONTRACT COST	\$19,517.00

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	MILES	\$8,554.25	4	\$34,217.00	EFR	P,C

FY 2						
FY 3						
TOTAL:		\$ 8554.25	4	\$34,217.00		

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:

<p>List Relevant Documentation and Cross-Reference Location within BAER Report:</p> <p>Map Index - Treatment section, Resource Advisors Reports, Forestry and Woodland assessment</p>

IV.

TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Stag	2.0	\$17,108.50
Buffalo	1.5	\$12,831.37
Tabor Creek	0.5	\$4,277.13
TOTAL COST	4.0	\$34,217.00