

**DEPARTMENT OF THE INTERIOR
ELKO 21 FIRE COMPLEX
BURNED AREA EMERGENCY REHABILITATION PLAN AND ACCOMPLISHMENT REPORT**

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	FIRE RELATED MONITORING - Monitor Revegetation of Critical Big Game Winter Range and Sage Grouse Habitat	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	M-2b (BLM 98-148 III. O, V) Monitoring and Evaluation of Emergency Treatments	FISCAL YEAR(S) (list each year):	2001, 2002, 2003

I. WORK TO BE DONE

<p>Number and Describe Each Task:</p> <p>A. General Description: Monitor vegetation for rehab seeding success in crucial big game winter range and sage grouse habitat. Measure utilization on rehab seeding from livestock grazing and wildlife.</p> <p>B. Location (Suitable) Sites: Monitoring sites will be located in the eight priority fires recommended for seeding which are Adobe, Camp Creek, Choke Cherry, West Basin, Cold Springs, South Cricket, Three Mile and 18 Mile/21 Mile Fires. See Map Index, Treatment Maps.</p> <p>C. Design/Construction Specifications: The big game winter range and sage grouse habitat monitoring will focus on three issues: (A) - Identifying rehab seeding success by completing plant density transects to identify establishment of seeded species, and (B)- Monitor utilization of seeded key browse species using Cole Browse Method (percent of seed stalks / leaders browsed) to identify use of seeded area by livestock and wildlife. Final monitoring site selection to be made by a BLM representative. Site selection includes stratification of areas based on range sites, soils, slope, aspect, treatments (including seeding methods, seed mixes), and allotments, etc. This stratification will occur primarily during the first year.</p> <p>D. Purpose of Treatment Specifications: To identify success of shrub establishment from rehab seeding. To identify utilization from livestock and wildlife in an effort to base management decisions.</p>

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
Stratification & site selection by GS-11 @ \$ 20.05/hr X 10 hrs/day X 12 days X 1 Year	\$ 2,406.00
Stratification by GS-7 @ \$ 13.54/hr X 10 hrs/day X 16 days X 1 Year	\$ 2,166.00
GS-7 @ \$13.54/hour X 10hours/day X 25 days X 3 Years	\$10,155.00
TOTAL PERSONNEL SERVICE COST	\$10,155.00
▶ 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
Supplies @ \$367.00/yr X 3 Years	\$1,101.00
TOTAL MATERIALS AND SUPPLY COST	\$1,101.00
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
Vehicle @ \$44.00/day X 25days X 3yrs	\$3,300.00
TOTAL TRAVEL COST	\$3,300.00
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
TOTAL CONTRACT COST	

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS (Seeded acres)	COST	FUNDING SOURCE	METHOD
FY 1	Acres	\$.249	37,272 acres	\$9,292.00	EFR	P
FY 2	Acres	\$.0127	37,272 acres	\$4,720.00	EFR	P
FY 3	Acres	\$.0127	37,272 acres	\$4,720.00	EFR	P
TOTAL:				\$18,732.00		

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.	
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.	
4. Estimates based upon government wage rates and material cost.	P,T
5. No cost estimate required - cost charged to Fire Suppression Account.	

P = Personnel Services, **M** = Materials/Supplies, **T** = Travel, **C** = Contract, **F** = Suppression

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

List Relevant Documentation and Cross-Reference Location within BAER Report: See Map Index (Treatments).

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Adobe Fire	1,010 acres	\$1,153.00
Camp Creek Fire	8,797 acres	\$3,384.00
Choke Cherry Fire	10,375 acres	\$3,388.00
Cold Springs Fire	3,140 acres	\$1,735.00
South Cricket Fire	7,990 acres	\$3,384.00
Three Mile Fire	800 acres	\$1,153.00
West Basin Fire	4625 BLM acres 900 F.S. acres	\$3,382.00
18 Mile/21 Mile Fires	380 acres	\$1,153.00
TOTAL COST		\$18,732.00