

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	RESEED CRITICAL WILDLIFE WINTER RANGE (AERIAL OR DRILL)	AGENCY:	BLM Elko F.O.
PART E LINE ITEM:	N-3a Ecological Stabilization - Planting/Seeding (BLM 98-148 III. E)	FISCAL YEAR(S) (list each year):	2000-2001

I. WORK TO BE DONE

Number and Describe Each Task:

- A. **General Description:** Aerially seed crucial big game winter range and sage grouse habitat to reestablish shrub species important for cover, nesting, and forage.
- B. **Location (Suitable) Sites:** Wildlife aerial seeding will be done in designated areas for the six priority fires mentioned in the BAER plan Basin, Beowawe, Big Springs and Railroad. **See Map Index, Treatment Section.**
- C. **Design/Construction Specifications:** Aerial seeding application will be completed with Office of Aircraft (OAS) carded helicopter and pilot. The wildlife seed mixes were selected by BLM, BAER, NDO W, and other local representatives, and were based on policy, regulations, and mandates. Seed mixtures should be tested for purity and germination rates. Before accepting delivery of seed shipment the contractor must provide written evidence

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
Project Inspector GS-11 @ \$20.05/hr X 10 hrs/day X 20 days/year X 1 Year (FY 2001)	\$4,010.00
Project Inspector GS-11 @ \$20.05/hr X 10 hrs/day X 5 days/year X 1 Year (FY 2002)	\$1,002.00
Air Support Personnel (Helitak seasonals or AD hires) @ \$ 1,000/day X 10 days X 1 Year	\$10,000.00
TOTAL PERSONNEL SERVICE COST	\$15,012.00
EQUIPMENT PURCHASE, LEASE AND /OR RENT (Item @ Cost/Hour X # of Hours X # Fiscal Years = Cost/Item): Note: Purchase require written justification that demonstrates cost benefits over leasing or renting.	COST/ITEM
Helicopter Seed Bucket Rental: 2 buckets @ \$150/day per bucket X 10 days X 1 Year	\$3,000.00
TOTAL EQUIPMENT PURCHASE, LEASE OR RENTAL COST	\$3,000.00

MATERIALS AND SUPPLIES: (Item @ Cost/Each X Quantity X # Fiscal Years = Cost/Item):	COST/ITEM
Drill Seed Mix Average Seed Costs @ \$8.71 (avg price)/ lb X 2,453 lbs X 1 year	\$21,359.00
Aerial Seed Mix Average Seed Costs @ \$2.79 (avg price)/ lb X 42,009 lbs X 1 year	\$117,233.00
Bitterbrush seedlings @ 12,000 seedlings X 1 Year	\$2,400.00
TOTAL MATERIALS AND SUPPLY COST	\$140,992.00
▶ TRAVEL COST (Personnel or Equipment @ Rate X Round Trips X #Fiscal Years = Cost/Item):	COST/ITEM
Seed transport vehicle @ \$.50/mile x 800 miles per day x 20 days x 1 Year	\$8,000.00
Support Vehicle @ \$1.00/mile X 200 miles/day X 20 days X 1Year (FY2001)	\$4,000.00
Support Vehicle @ \$1.00/mile X 200 miles/day X 5 days X 1 Year (FY2002)	\$1,000.00
Per Diem for pilot and mechanic @ \$168/day X 20 days X 1 Year (FY 2001)	\$3,360.00
Per Diem for pilot and mechanic @ \$168/day X 5 days X 1 Year (FY 2002)	\$840.00
Fuel truck mileage @ \$1.00/mile X 200/mile X 20 days X 1 Year (FY 2001)	\$4,000.00
Fuel truck mileage @ \$1.00/mile X 200/mile X 5 days X 1 Year (FY 2002)	\$1,000.00
TOTAL TRAVEL COST	\$22,200.00
▶ CONTRACT COST (Labor or Equipment @ Cost/Hour X #Hours X #Fiscal Years = Cost/Item):	COST/ITEM
Seed mixing costs @ \$0.10/lb X 44,462 lbs. X 1 Year	\$4,446.00
Contracted Aerial Application @ \$7.25/acre X 6,369 acres X 1 Year	\$46,175.00
4% Contract administration and oversight to agency (.04% X \$46,175.00 (total contract))	\$1,847.00
Rangeland drill application @ \$13.50 /acre x 394 Acres x 1 Year	\$5,319.00
4% Contract administration and oversight to agency (.04% X \$5,319.00 (total contract))	\$213.00
Bitterbrush hand planting by NDF honor camp crews @ \$350/day X 5 days X 1 Year	\$1,750.00
4% Contract administration and oversight to agency (.04% X \$1,750.00 (total contract))	\$70.00
TOTAL CONTRACT COST	\$59,820.00

SP ECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	acres drill	\$ 73.02	394	\$ 28,769.00	EFR	C
FY 1	acres aerial	\$ 32.66	4,855	\$ 158,568.00	EFR	C
FY 1	acres hand planting	\$ 144.80	30	\$ 4,344.00	EFR	C
FY 2	acres aerial	\$ 32.59	1,514	\$ 49,344.00	EFR	C
FY 3						
TOTAL:	acres	\$35.48	6,793	\$ 241,025.00	EFR	C

FUNDING SOURCES:

F = Fire Suppression Account
EFR = Emergency Fire Rehabilitation
OP = Agency Operating Fund

M ETHODS:

P = Agency Personnel Services
C = Contract (Long-Term)
EFC = Emergency Fire Contract

O = Other

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.	
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, Treatment sections.

IV. TOTAL COST BY FIRE

FIRE NAME	UNITS TREATED	COST
Basin Fire	687 Acres	\$ 48,967.00
Beowawe Fire	3,461 Acres	\$ 77,975.00
Big Springs Fire	788 Acres	\$ 41,823.00
Linka Fire	1,000 Acres	\$ 19,376.00
Railroad Fire	827 Acres	\$ 52,881.00
TOTAL COST	5,763 Acres	\$ 241,025.00

ELKO 13 FIRE COMPLEX SEED MIX LISTING

Fire Name	Drill Seed Mix	
	Wildlife Seed Mix	Rate/ac lbs.
Big Springs	Area 3 (Deer Winter Use Area) Secar Snake River Wheatgrass Indian Ricegrass	3.0 2.0

Fire Name	Aerial Seed Mixes	
	Wildlife Seed Mix	Rate/ac lbs.
Basin	Bluebunch wheatgrass Indian rice grass Basin Big sagebrush Rice Hulls	2.0 3.0 .25 1.0
Beowawe	Forage Kochia Big Sagebrush Small Burnet Rice Hulls	0.4 0.15 1.0 3.0
Big Springs	Area 3 (Deer Winter Use Area) Prostrate Kochia Basin Big Sagebrush Wyoming Big Sagebrush Mountain Big Sagebrush Black Sagebrush Western Yarrow Rice Hulls	0.4 0.10 0.10 0.10 0.10 0.10 3.0
Railroad	Secar Snake River Wheatgrass Great Basin Wildrye Western Yarrow Forage Kochia Basin Big sagebrush	2.0 3.0 0.10 0.50 0.25

Fire Name	Hand Planting Shrub Seedlings	
	Species	Rate/ac
Big Springs	Antelope bitterbrush	400 seedlings/acre