

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	FOREST REHABILITATION	JURISDICTIONS:	BLM, ELKO FO
PART E LINE ITEM:	#3 F-3 , REFORESTATION OF WOODLAND SPECIES LOST IN A STAND REPLACEMENT FIRE	FISCAL YEAR (list each year):	2002 - 2004

I. WORK TO BE DONE

<p>A. General Description: Hand plant pinyon pine, mountain mahogany, and bitterbrush seedlings to reintroduce these species in areas where populations have been seriously reduced or eliminated by wildfire.</p> <p>B. Location (Suitable) Sites: Suitable sites within the Mile Marker 367 Fire.</p> <p>C. Design/Construction Specification (number and describe each task):</p> <ol style="list-style-type: none"> 1. Identify and layout reforestation sites 2. Seed collection 3. Processing seed and grow seedlings 4. Plant seedlings 5. Apply necessary seedling protection(animal repellent, soil mulching) <p>D. Purpose of Treatment Specification: Reestablish forest vegetation on a portion of severely impacted forest land (areas that experienced stand replacement fire) to minimize unacceptable change in ecosystem structure and function.</p>

II. LABOR, MATERIALS AND OTHER COST

PERSONAL SERVICES (Grade @ Cost/Hour x # Hours X Fiscal Years = Cost/Item): (Do not include contract personnel costs here - see contract services below).	COST/ITEM
Seed source identification: 2 days X \$ 250 per day	\$ 500
Site identification and layout: 50 acres at \$250/ per day X 3 days	\$ 750
Planting inspection : Contract representative : 50 acres at \$ 250/ per day X 10 days	\$ 2500
TOTAL PERSONNEL SERVICE COSTS	\$3,750

EQUIPMENT PURCHASE, LEASE OR RENTAL (Item @ Cost/Hour or Day X # Hours or Days X # Fiscal Years = Cost/Item): (Note: Purchase requires written justification that demonstrates cost benefits over lease or rental).	COST/ITEM
TOTAL EQUIPMENT PURCHASE, LEASE, OR RENTAL COST	
MATERIALS AND SUPPLIES (Item @ Cost/Each X Quantity X Fiscal Years = Cost/Item):	COST/ITEM
Nursery stock: 22500 woodland species seedlings @ .60/ seedling	\$ 13,500
Animal repellent: \$ 100/2500 seedlings	\$ 900
Mulch mats: 9000 mats @ 1.00/ mat	\$ 9000
TOTAL MATERIALS AND SUPPLY COST	\$ 23,400
TRAVEL COST (Personnel @ Rate X Round Trips X Fiscal Years = Cost/Item):	COST/ITEM
Seedling pickup to transport seedling stock from nursery: 800 miles rt X \$.20/ mile	\$ 160
Travel costs (Per Diem) associated with seedling pickup	\$ 120
15 days of travel @ 200 miles per day X \$.23/ mile	\$ 690
TOTAL TRAVEL COST	\$ 970
CONTRACT COST (Labor, Equipment, and Travel @ Cost/Hour X # Hours X Fiscal Years = Cost Item):	COST/ITEM
Seed Collection: \$ 8/ lb of Pinyon X 100 lbs	\$ 800
Seed collection: 3 days X \$ 500 per day (for other species)	\$ 1500
Planting: Tree planting contract @ \$ 600/ per acre X 50 acres	\$ 30,000
Application of animal repellent and mulch mats X \$ 100 per acre X 50 acres	\$ 5,000
TOTAL CONTRACT COST	\$ 37,300

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	acre	\$ 56	50	\$ 2800	EFR	P
FY 2	acre	\$ 285	50	\$ 14,250	EFR	P, C
FY 3	acre	\$ 967.40	50	\$48,370	EFR	P, C
TOTAL		\$ 1,308.4	50	\$ 65,420		

FUNDING SOURCES:

- F** = Fire Suppression Account
- EFR** = Emergency Fire Rehabilitation
- OP/O** = Agency Operating/Other

- EWP** = Emergency Watershed Protection

METHODS FOR COMPLETION:

- 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.	C
3. Estimate supported by cost guides from independent sources or other federal agencies.	M
4. Estimate based upon government wage rates and materials 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

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

List relevant documentation and cross-references within BAER Report:

See Forest and Woodland Assessment and Map of Mile Mark 367 Fire

IV. TOTAL COST BY JURISDICTION

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JURISDICTION	UNITS TREATED	COST
BLM	50	\$65,420.00
TOTAL COST		\$65,420.00