

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

PART F - SPECIFICATIONS

SPECIFICATION TITLE:	Monitoring Forest and Woodland stands	JURISDICTIONS:	BLM, ELKO FO
PART E LINE ITEM:	#4 F-4, Monitoring stands of aspen and Pinyon-juniper woodlands for post fire regeneration. (To prevent unacceptable change in ecosystem function and structure)	FISCAL YEAR (list each year):	2002 - 2004

I. WORK TO BE DONE

<p>A. General Description: Aspen stand exam walk thru or with fixed plots, on stratified grid to document herbivory by livestock or wildlife. Monitoring will also document aspen regeneration density and average stem height. Establish a grid of fixed plots in woodland plantation to assess seedling survival on reforestation.</p> <p>B. Location (Suitable) Sites: A statistical sample of burned Aspen sites (plots within stands identified in the Stag, Tabor Creek, Coyote, Buffalo Fires and proposed woodland planting sites (Mile marker 367).</p> <p>C. Design/Construction Specification (number and describe each task):</p> <p style="margin-left: 40px;">1. Conduct aspen and woodland stand exam procedures established by District forester on plots to monitor growth, form, density (stems per acre), or other environmental conditions affecting growth.</p> <p style="margin-left: 40px;">2. Plot locations should be evenly distributed on stratified sample and be of sufficient size to obtain a statistically valid sample or survival rates.</p> <p>D. Purpose of Treatment Specification: To determine if an acceptable number of quality aspen seedlings have successfully regenerated and if plantations survive with acceptable numbers of Trees per acre or if additional treatments or protection measures are required.</p>
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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
GS -11 @ \$250/ day X10 days	\$ 2,500
GS- 09 A \$ 190/ day X 60 days	\$ 11,400

TOTAL PERSONNEL SERVICE COST	\$ 13,900
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
Measuring equipment: tapes, etc	\$ 500.00
TOTAL MATERIALS AND SUPPLY COST	\$500.00
TRAVEL COST (Personnel @ Rate X Round Trips X Fiscal Years = Cost/Item):	COST/ITEM
\$ 33/ day X 60 days +\$ 0.17/ mile X 200 miles/day X 60 days	\$4,020
TOTAL TRAVEL COST	\$ 4,020
CONTRACT COST (Labor, Equipment, and Travel @ Cost/Hour X # Hours X Fiscal Years = Cost Item):	COST/ITEM
TOTAL CONTRACT COST	

SPECIFICATION COST SUMMARY

FISCAL YEAR	UNIT	UNIT COST	# OF UNITS	COST	FUNDING SOURCE	METHOD
FY 1	Stand Surveys	323.15	57	6,140	EFR	p
FY 2	Stand Surveys	323.15	57	6,140	EFR	p
FY 3	Stand Survey	323.15	57	6,140	EFR	p

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TOTAL			57	\$ 18,420		

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

**List relevant documentation and cross-references within BAER Report:
See Forest and Woodland Assessment and stand data sheets**

IV. TOTAL COST BY JURISDICTION

JURISDICTION	UNITS TREATED	COST
BLM	Stand Surveys	\$ 18,420
TOTAL COST		\$ 18,420