

Responses to the prompts on this work plan should be typed directly into this template

1. Describe the manner in which the proposal will be implemented to achieve ecological and community economic benefit, including capacity building to accomplish restoration.

Over the next 10 years, the Cibola National Forest along with collaborators will undertake a wide variety of coordinated and integrated treatments involving forest thinning, prescribed fire, management of natural fires, road management (closing and/or decommissioning) and fisheries and wildlife habitat improvement activities. These efforts will be conducted on ecosystems ranging from low elevation piñon-juniper woodlands to ponderosa pine.

The restoration strategy is a product of years of collaboration efforts focused on accelerating forest restoration while creating economic opportunities rural-forest-based communities.

The following summarizes the implementation goals of the Zuni Mountain CFLRP:

- Restore forested ecosystem structure and process
- Stabilizing forest restoration-based businesses through a long term wood supply
- Improving hydrologic function
- Protecting the Zuni Bluehead Sucker
- Sustaining a restoration workforce in Cibola and McKinley counties through increased forest work and available wood fiber.
- Creating a culture of forest restoration across the landscape through the public involvement process.
- Continuing education and outreach efforts with local non-profits and Youth Conservation Corps crews.
- Determining effectiveness of the restoration effort by monitoring a broad array of ecological and socioeconomic indicators, and continuously improving management through an adaptive management process driven by the multiparty monitoring process.

This project will be implemented mainly through a Stewardship Agreement with the National Wild Turkey Federation. This agreement is currently in place and is already being utilized. Other stewardship agreements, service contracts, Timber Sale contracts maybe be released to compliment the current stewardship agreement. This project is utilizing local partnerships and the CFRP program in NM to leverage funds to increase production of marking, cruising, and monitoring. Using some and/or all of these efforts will create capacity by allowing a steady supply of raw material to be available, therefor enabling private investments for known quantities of materials.

The Zuni Mountain project is approximately 210,000 total acres with an estimated 56,000 acres to receive treatment. The goal over the next 10 years is to mechanically treat 2-3,000 acres per year and use prescribed fire to treat between 3-5,000 acres per year. Ninety percent of the project area is classified as a fire regime condition class III

2. Anticipated unit treatment cost reduction over the life of the project:

Performance Measure Code	Average Historic Unit Cost	Cost Reduction per Unit	Assumptions
FOR-VEG-EST	\$640	\$300-340	This would be the stand structure at the VSS1 stage. See reduction assumption below
FOR-VEG-IMP	\$640	\$300-340	This reduction should occur as businesses become more stabilized with markets and cash flow. This would allow business to purchase more acres and/or operate at a lower cost.
INVPLT-NXWD-FED-AC	\$50	\$50	No Change
S&W-RSRC-IMP	\$300	\$150	This reduction should occur as businesses become more stabilized with markets and cash flow. This would allow business to purchase more acres and/or operate at a lower cost.
HBT-ENH-TERR	\$600	\$350	New and/or expanded industry expected to provide more utilization of material, reducing cost of treatment
RD-HC-MAINT	\$3000		No Change
RD-PC-MAINT	\$3,000		No Change
TMBR-SALES-TRT-AC	70	30	Should be able to reduce cost of marking timber by utilizing a participating agreement with Alamo Navajo crew instead of using TEAMS.
TMBR-VOL-SLD	\$30	\$60	Stumpage values should increase as businesses find markets and begin to bid on timber sales
BIO-NRG	\$550	\$300	Business should show signs of increased capacity for utilization through markets
FP-FUELS-WUISP-NATIVE-FED-AC	\$500	\$150	Larger units available to burn, mostly second entry with fire after mechanical treatments. Also, could allow for the use of fire for resource benefit

3. Anticipated costs for infrastructure needed to implement project:

Type of Infrastructure	Anticipated Cost	Funding Source (federal, private, etc)
Road Maintenance	\$250,000	Federal, Private
Monitoring Equipment	\$120,000	Federal (CFLRP, Cibola NF)
Small Industry (manufacture/transportation)	1.0 – 2.1 Million	Private

4. Projected sustainability of the supply of woody biomass and small diameter trees removed in ecological restoration treatments:

Fiscal Year	Number of acres to be treated	Projected Green Tons Removed per Acre	Total Green Tons Available
2012	1700	18.5	31,450
2013	2000	18.5	37,000
2014	2000	18.5	37,000
2015	2250	18.5	41,625
2016	2250	18.5	41,625
2017	2500	18.5	46,250
2018	2500	18.5	46,250
2019	2750	18.5	50,875
2020	3000	18.5	55,500
2021	3000	18.5	55,500

5. Projected local economic benefits:

Anticipated CFLR Funds:

Type of projects	Direct jobs	Total jobs	Direct Labor Income	Total Labor Income ¹
Commercial Forest Products	5.1	9	\$296,095	\$7,452,781
Other Project Activities	23	28.6	\$735,499	\$895,054
TOTALS:	28.1	37.6	\$1,031,594	\$8,347,835

Anticipated Total Funds:

Type of projects	Direct jobs	Total jobs	Direct Labor Income	Total Labor Income ²
Commercial Forest Products	10.1	18	\$592,191	\$14,905,561
Other Project Activities	46	57	\$1,790,109	\$1,790,109
TOTALS:	56.1	75.2	\$2,063,188	\$16,695,670

6. Document the anticipated non-Federal investment in the priority landscape. These funds may be spent on or off National Forest system lands:

Source of Investment	Amount of Investment	Description of Use	Will these funds be used on NFS lands?
NWTF		Agreements, Contracts	Yes
Rocky Mtn. Elk Foundation		Agreements, Contracts	Yes
NM State Forestry	\$100,000	Treatment on state or private land within the project boundaries	No
Stakeholders	\$500,000	Value of time, travel, field trips, meetings or other services	No
Forest Guild	\$150,000	YCC Crews, value of time, etc	Yes

¹ Values obtained from Treatment for Restoration Economic Analysis Tool (TREAT) spreadsheet. See instruction document for more details.

² Values obtained from Treatment for Restoration Economic Analysis Tool (TREAT) spreadsheet. See instruction document for more details.

7. Plans to decommission any temporary roads established to carry out the proposal:

Projected accomplishment year (fiscal)	Number of Miles to be Decommissioned
2012	0 miles
2013	0 miles
2014	< 2 miles
2015	< 2 miles
2016	< 2 miles
2017	< 2 miles
2018	< 2 miles
2019	< 2 miles
2020	< 2 miles
2021	< 2 miles