Wildland/Urban Interface and Hazardous Fuels Reduction

Grant Programs Project Work Plan for: City of Santa Fe (Contractor)

Project Number: <u>18-06-1417</u>

Project I.D. Funding: FY18 Haz Fuels/City of Santa Fe

Entity Determination: Subrecipient

Forestry Division Project Manager: Brian Peacock

Project Title: Aztec Springs 2017 - 2018

Project Coordinator: Greg Gallegos, Santa Fe Fire Department Wildland Superintendent

Address: P.O. Box 909, 200 Lincoln Ave

Santa Fe, NM 87504

Telephone Number: 505-955-3120 email: gdgallegos@santafenm.gov

NOTE: All projects shall comply with 19.20.4.9 NMAC and 2 C.F.R. Part 200, if federal funds are used.

The Energy, Minerals and Natural Resources Department (EMNRD), Forestry Division (Forestry Division) may extend task due dates by written notice to the Contractor as long as the Forestry Division is satisfied that sufficient progress is being made. Any other changes shall require a written amendment to the work plan, approved by the Forestry Division Director or designee, following EMNRD contract review.

I. PROJECT DESCRIPTION: Explain the type of project(s) to be implemented, location(s) of areas to be treated, what is being threatened, and how threat to areas will be mitigated, etc.

This project involves fuels reduction of forest species (piñon, juniper, and ponderosa pine) on 150 acres of private land owned and managed by The Nature Conservancy (TNC) through the Santa Fe Fire Department's (SFFD) Landowner Request for Assistance program, which is advertised on Contractor's website. The landowner was selected on a first-come, first-served basis.

Location: Forested canyon with Aztec Springs Creek running through the center. The canyon is located north of Two Mile Reservoir, following Aztec Springs Creek from where it feeds into the reservoir. The treatment area is located one mile north of Two mile Reservoir and is adjacent to the Santa Fe Municipal Watershed and Hyde Park subdivision.

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Due to on-going drought conditions, public use, and the adjacent wildland urban interface, this area has been a concern for the possibility of wildfire in the dense over growth. Removal of excessive fuels from this area shall greatly reduce the possibility of a catastrophic wildfire in this area and enhance and help the recovery of both native plant species and wildlife to the area.

II. PROJECT OBJECTIVES: Identify activities to be conducted under the scope of this project.

This project will reduce hazardous fuels in the Hyde Park/Aztec Springs corridor, rated as high risk due to overstocked forest, high public use, on-going drought, and proximity to wildland urban interface. Vegetation on the site is piñon-juniper intermixed with ponderosa pine and white fir, transitioning upslope to ponderosa pine and mixed conifer forests. The project shall treat 150 acres through the SFFD Landowner Request for Assistance program. Due to access limited to foot travel, slash shall be piled and burnt as conditions permit. If slash cannot be burnt within the three-year timeframe, SFFD may continue to burn after three years until all piles are burnt or mitigated by lop and scatter treatments.

- *III.* CONTRIBUTORS: List the private, local, tribal, state, or federal organizations that are contributing or participating in project implementation.
 - Forestry Division technical assistance.
 - SFFD providing operators to complete thinning project.
 - TNC establish prescription and monitoring plan.

IV. BUDGET:

PROJECT REVENUE

NOTE: If you are requiring the Contractor to thin a mandatory number of acres in Sections I or II, make sure that the number of acres required multiplied by the highest thinning rate does not exceed the total amount available for Contractual Services for Thinning.

Match is not required for projects funded with state funds; however, EMNRD reserves the right to apply funding from this Work Plan as match for other federal funded programs. The Contractor must disclose if funds from this Work Plan will be used as match for other federal funds to prevent Contractor and the Forestry Division from claiming match on mutual or similar projects. When federal funds are used, Contractor shall provide 20% of match, unless the Forestry Division authorizes otherwise in writing. If the Forestry Division requires match for projects where federal funds are used, Contractor cannot use other federal funds for match. (See Exhibit 1, In-Kind Match or Landowner Reimbursement, for acceptable types of match.) Use extreme care in calculating the number of acres to be thinned. EMNRD can only reimburse for the amount specified in the rates for which EMNRD will reimburse per acre and the total amount reimbursed for this project cannot exceed the amount in the Grant Column for Contractual Services for Thinning.

CONTRIBUTORS	GRANT	CONTRACTOR	TOTAL
Dollars	\$286,507.00	\$	%286,507.00
In-Kind Match	\$	\$71,557.00	\$71,557.00
Total	\$286,507.00	\$71,557.00	\$358,064.00

PROJECT COSTS

CONTRIBUTORS	GRANT	CONTRACTOR	TOTAL
Administrative Costs - 15%	\$34,507.00		
Contractual Services for Thinning*	\$252,000.00	Landowner labor: \$ Thinning Contractor payment: \$71,557.00 Total: \$71,557.00	\$
Total	\$286,507.00	\$71,557.00	\$358,064.00

^{*} Contractual Services/Contractor column should be used only if the landowner is doing the work or the landowner is paying (hard dollar) a portion of the subcontractor's service. If the landowner is completing the work, indicate in the Contractor portion of the Contractual/Thinning Services section what amount is thinning Contractor payment and what amount is landowner labor.

Total grant amount for the project awarded to the Contractor is \$286,507. EMNRD shall pay Contractor 15% of the total grant amount for administrative costs. Contractor shall use the remaining funding (\$252,000.00) for contractual services to implement contractual services to implement hazardous fuel reduction practices on a minimum of 150 acres using the following breakdown:

Hand thinning and piling treatments: 150 acres x \$1,680.00 per acre (including New Mexico Gross Receipts Taxes) = \$252,000.00

Matching dollars (\$71,557.00) will come from contributor contributions.

V. PROJECT TIMELINE: Provide a timeline for major milestones, accomplishments, and completion date for project activities. The Forestry Division may extend task due dates by written notice to the Contractor as long as the Forestry Division is satisfied that sufficient progress is being made. Any other changes shall require a written amendment to the work plan, approved by the Forestry Division Director or designee, following EMNRD contract review. Project Completion Date: 04/15/2021.

Project Timeframe:

Month/Year	Major Task
Summer 2018	Program Manager (Forestry Division) issues Contractor a Notice to Proceed.
Summer 2018	Forestry Division and Contractor meet for initial onsite briefing. Contractor begins thinning.
Throughout Project	Contractor continues thinning until the project acreage is completed.
Throughout Project	Forestry Division conducts periodic inspections and Contractor submits submit invoices to Forestry Division for reimbursement.
<u>April 2021</u>	Forestry Division and Contractor conduct final inspection by April 15, 2021.
<u>April 2021</u>	Contractor submits final written report to Forestry Division by April 15, 2021.

VI. SITE SELECTION: What are the overall project boundaries, how were they selected, when, and by whom? Within the project boundary, how will specific projects be prioritized?

The site is located in the Hyde Park/Aztec Springs corridor. The project area is 150 acres surrounding Aztec Springs Creek. It is adjacent to the Santa Fe National Forest to the east and south, and its southern boundary is approximately a half a mile north of the Twomile Reservoir. It is adjacent to the Hyde Park subdivision and a portion of the Santa Fe Municipal Watershed to the northeast. The project area was selected through the Santa Fe Fire Department's Landowner Request for Assistance program.

VII. ENVIRONMENTAL OR CULTURAL CLEARANCES: Who will obtain any necessary environmental or cultural clearances for the project area and how will this be done?

Contractor shall assist the Forestry Division in obtaining any environmental or archeological information that the USFS may require pursuant to EMNRD's Cooperative Agreement with the USFS.

Contractor shall also ensure that landowners assist the Forestry Division in complying with the New Mexico Cultural Properties Act, NMSA, 1978, § 18-6-8.1 if there are any sites that are registered cultural properties and will be affected.

Contractor shall notify the Forestry Division prior to beginning treatment on selected property, so that the Forestry Division may verify through the Archeological Records Management Section (ARMS) if there are any sites that may require protection.

If the treatment may affect a registered cultural property, the Forestry Division shall afford the State Historic Preservation Officer a reasonable and timely opportunity in planning such undertaking as required by NMSA 1978, § 18-6-8.1.

VIII. PROJECT PROCEDURES: Identify the steps and activities to achieve the objectives. As an example, the steps should include, at a minimum, the assessment of the property, landowner's submittal of request for assistance, field inspections and priority ranking, completion of work on

property, and final inspection and payments and reimbursement steps.

- A. Contractor and Forestry Division staff prioritize project areas of concern.
- B. Contractor maps and marks trees within project area.
- C. Contractor completes required work elements.
- D. Forestry Division and Contractor conduct field inspections. Forestry Division approves project.
- E. Contractor submits reimbursements as needed.
- IX. LANDOWNER REQUEST FOR ASSISTANCE: Contractor shall use the attached form Landowner Request for Assistance (Exhibit 2), to document a landowner's request for assistance from the Contractor.

Not applicable to this work plan.

- X. LANDOWNER AGREEMENTS: Contractor shall develop a landowner agreement that defines the relationship and responsibilities between Contractor and landowner during the project. The agreement should include a description of the property to be treated, landowner responsibilities, and permission to enter the property to conduct and inspect the project. This agreement shall be included in the project file and available to EMNRD for review.
- XI. LANDOWNER PRACTICE PLAN: Contractor shall use the attached form <u>Landowner</u> <u>Practice Plan</u> (Exhibit 3), or a close proximity thereof, to document the landowner's objectives and responsibilities, the property condition, and recommended treatments. If the Contractor deviates from this form, it shall first get EMNRD's written approval. (Mandatory: There must be documentation of proposed treatment.)
- XII. PURCHASING METHODOLOGY FOR PROJECT: This project shall follow all procedures outlined in the New Mexico State Procurement Code.
- XIII. PRIOR APPROVAL FOR ALL SUBCONTRACTS: Contractor shall provide EMNRD all necessary information in a timely fashion for prior approval of all subcontracting to occur with this project.
- XIV. BILLING INSTRUCTIONS: Contractor may invoice EMNRD for this project every three acres, or no more frequently than monthly. Contractor shall not bill administrative costs for Contractual Services.
- **XV.** PAYMENT TRACKING: Contractor shall maintain a budget in a spreadsheet format and provide updated copies to EMNRD on a monthly basis. At a minimum, the spreadsheet shall list the following:
 - Landowner name
 - Date applied
 - Date approved
 - Grant funds obligated
 - Notice to proceed date
 - Work approved date
 - Invoice date

SHARE No. 000 ... 12272 EMNRD Contract No. 11-521-2301-0051

City of Santa Fe

- Amount paid
- In-kind
- Acres treated

XVI. REPORTING: Contractor shall submit progress reports to ENMRD with each billing. Progress reports shall include the number of acres thinned.

XVII. CLOSE OUT: Contractor shall submit a final project file package to ENMRD when all work is finished, all financial transactions are completed, and the Forestry Division accepts the work.

XVIII. INSPECTIONS AND CERTIFICATION: Contractor shall use the attached form <u>Wildfire</u> <u>Mitigation Inspection</u> (Exhibit 4) to document project completion. If the Contractor deviates from this form, it shall first get EMNRD's written approval of the changes. (Mandatory: Contractor shall use the attached form.)

XIX. Documentation of Match: If applicable, include a statement of how this will be performed. Contractor shall use the attached form Volunteer Sign-Up Sheet (Exhibit 5), or a close proximity thereof, to document in-kind contributions. The value of Volunteer time is \$22.50 per hour. (This value is established by Independent Sector, a nonpartisan leadership network for nonprofits, foundations, based on the average hourly earnings of all production and nonsupervisory workers on private nonfarm payrolls as determined by the U.S. Bureau of Labor Statistics. Independent Sector takes this figure and increases it by 12% to estimate for fringe benefits).

XX. CERTIFICATE OF PAYMENT: Contractor shall also use the attached form Certificate for Payment (Exhibit 6) when requesting reimbursement from EMNRD and shall include certified invoices and volunteer match forms. (Mandatory: Contractor shall use the attached form.)

XXI. INVOICE PACKAGE: Contractor must submit the following documentation with each invoice: invoices from subcontractors or landowners, inspection report, certificate of payment, documentation of match (see Exhibit 1 for acceptable documentation), and a written narrative progress report (can be the narrative provided on the inspection report).

XXII. SUBRECIPIENT INFORMATION AND REQUIREMENTS:

City of Santa Fe, DUNS # $\underline{069420818}$, has been determined to be a subrecipient and is hereby notified of the identifying federal award information as follows:

Catalog of Federal Domestic Assistance (CFDA) Number: 10.664

CFDA Project Title: Cooperative Forestry Assistance

Federal Awarding Agency: U.S. Department of Agriculture - Forest Service

Pass-Though Entity: EMNRD - Forestry Division

Federal Award Identification Number (17): DG# DG-11031600-058

Federal Award Date: July 17, 2017

Subaward Period of Performance: Begins on the date of the signed Notice to Proceed and expires on the Project Completion Date in Section V., Project Timeline.

Subrecipient's award is not for research and development.

Subrecipient shall comply with all applicable state and federal statutes and rules or regulations imposed as a consequence of funding pursuant to this Agreement.

Suprecipient shall permit the Forestry Division, U.S. Forest Service, and auditors to have access to the records and financial statements as necessary for the Forestry Division to comply with OMB Circular A-133, Subpart D (d) (7).

If any part of this Agreement is federally-funded in an amount equal to or greater than \$25,000, to an entity determined to be a subrecipient, EMNRD-Forestry Division will disclose subaward information pursuant to the Federal Funding Accountability and Transparency Act (FFATA) using FFATA Subaward Reporting System (FSRS). The FFATA or Transparency Act-P.L. 109-282, as amended by section 6202(a) of P.L. 110-252 requires the Office of Management and Budget (OMB) to maintain a single, searchable website that contains information on all federal spending awards. The site is www.USAspending.gov.

A subrecipient that expends \$750,000 or more of federal awards (in the aggregate from any source) in a fiscal year is required to obtain an annual audit in accordance with 2 C.F.R Part 200, Audit Requirements §200.501 through §200.512 and Appendix XI to Part 200 - Compliance Supplement. A subrecipient that does not meet the \$750,000 audit threshold (Tier 7), must complete the Certification (Tiers 1 or 2) or Agreed Upon Procedures (Tiers 3 - 6) in accordance with the Audit Act, NMSA 1978, §§ 12-6-1 through 12-6-14. Compliance with state audit requirements requires one of the above mentioned tiers to be on file with the New Mexico Office of the State Auditor (OSA).

A subrecipient that qualifies for Tiers 1 or 2 must submit a copy of the certification electronically to the Forestry Division federal grant coordinator or designee annually. The Forestry Division will download Tiers 3-7 requirements directly from the OSA website for review annually. Please note: If a subrecipient has a Single Audit (Tier 7) conducted, please ensure the Forestry Division is identified as the pass-through entity and the subaward number assigned is listed on the subrecipient's Schedule of Expenditures of Federal Awards report as the pass-through entity. Non-compliance with the Single Audit Act or the State Audit Act, as cited above, may result in a loss of federal funds awarded to the subrecipient.

Subrecipient is subject to the terms and conditions herein, except with respect to the OMB Uniform Administrative Requirements, Cost Principles, and Audit Requirements under 2 C.F.R. Part 200, Subparts A – F. The terms and conditions of federal awards flow down to subawards and subrecipients unless a particular section of 2 C.F.R. Part 200, Subparts A – F, or the terms and conditions of the federal award specifically indicate otherwise.

CITY OF SANTA FE
ALAN WEBBER, MAYOR
ALAN WEBBER, MAYOR
DATE: 7/5/18
ATTEST:
YOLANDA Y. VIGIL, CITY CLERK ECMG. 6(21)18
APPROVED AS TO FORM:
CITY ATTORNEY
APPROVED:
FINANCE DIRECTOR
Business Unit/Line Item
EMNRD FORESTRY DIVISION
Approved by:
7/11/18
State Forester of Designee Date

Exhibit 1

In-kind match or landowner reimbursement

Exhibit A - Costs that can be used as in-kind match or landowner reimbursement

Federal grant funds are governed by the cost principles of the Office of Management and Budget (OMB). Allowable costs are those costs identified in the relevant OMB circulars and in the grant program's authorizing legislation. To be allowable under Federal awards, costs must be reasonable, allocable, and necessary to the project, and they must also comply with the funding statute requirements.

Category	Documentation Required
Salaries and Wages	Bocamentation Required
Volunteer Time - landowner	
Rate includes 10% for benefits.	
	Voluntoor Sign up about on a class was in the state of
Equipment & Maintenance	Volunteer Sign-up sheet or a close proximity thereof.
Dozer	Equipment Shift ticket or similar
Tractor/loader	Equipment Shift ticket or similar
Trailer	Equipment Shift ticket or similar
4-wheeler	Equipment Shift ticket or similar
Chipper	Equipment Shift ticket or similar
Skidder	Equipment Shift ticket or similar
Masticator	Equipment Shift ticket or similar
Feller Buncher	Equipment Shift ticket or similar
Personal Chainsaw	Equipment Shift ticket or similar
Fuel tank rental	Charged at their actual costs, receipts must be provided
Oil changes and filters	Charged at their actual costs, receipts must be provided
Supplies	got at the state of cook, receipts must be provided
Chainsaw Fuel	Receipt for the fuel charges, and hours that chainsaw was used
Herbicide	Charged at their actual costs, receipts must be provided
Sprayers	Charged at their actual costs, receipts must be provided
Chainsaw parts	Charged at their actual costs, receipts must be provided
Field supplies	Charged at their actual costs, receipts must be provided
Consulting/Contractual	5 Salada Salada Salada Masa Ba provided
Aerial Application	Charged at their actual costs, receipts, invoices or accounting entries must be provided
Mapping	Charged at their actual costs, receipts, invoices or accounting entries must be provided
Vehicle Costs	s and the provided
Mileage	Can charge the current State's mileage reimbursement amount
Advertising	
Notices/Legals	Charged at their actual costs, receipts must be provided

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Exhibit 2Not applicable to this work plan.

LANDOWNER REQUEST FOR ASSISTANCE

Project Title:		
Name:		
Address:		Zip: mail:
Phone:	e-	mail:
Legal Description	: TF	R SEC
Geographic Loca	tion (subdivision):	
Property Owner: `	YESNOP	Proof of Insurance: YES NO
Total Acres:		
Interested in Thin	ning Defensik	ole Space
FOREST TYPE:	Ponderosa P	r ine r
Prior Activity (Plea in the last five yea	ase describe any i ars):	forestry, erosion control, or wildlife enhancements performe
I understand that agree to complete	the defensible spa	ace and fuel reduction work will need to be maintained and work as long as I own this land.
Signature:		Date:
*******	*******	***************
OFFICE USE:	Approved	For
	Rejected	Reason
	Priority	Contractor

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Exhibit 3

LANDOWNER PRACTICE PLAN

ZIP:
l:
C COUNTY:
/POLICY #:
HECK ALL THAT APPLY) e wildfire hazard in a highly vulnerable uels Reduction area. prove overall forest health and control disease esidual trees while removing excess, poor , and wildflowers for wildlife forage production
the property in the wildland/urban interface or and vigor of the forest by periodic thinning of the watershed. If enhance the aesthetic value of the forest of how active forest management can

TREATMENT PLAN: (Narrative)

DEFENSIBLE SPACE:		
THINNING:		
****	***********	
LANDOWNER RESPONSIE for defensible space might in cleaning brush/debris aroun Examples for WUI or Hazard maintaining access (roads),	BILITIES: (Define or describe lan	downer responsibilities. Examples needles and litter around structures ors on chimneys (required), etc. aclude maintaining fences, entrolling erosion, maintaining
SITE DESCRIPTION		
TREATED ACREAGE:	FOREST TYPE:	AVERAGE SLOPE CLASS:
Def. Space: Thinning: Aspect:	Piñon/Juniper Ponderosa Pine Mixed Conifer Other	Less than 10% 10-20% 20-30% Greater than 30%
BASAL AREA: Before Treatment: After Treatment: Method of Slash Disposal: _ Treatments Completed:	Estimated # of trees pe Sq. Ft./Acre Remove Sq. Ft./Acre	d:
DATE:		
CONTRACTOR:		
CERTIFIED BY:		



Exhibit 4 PROJECT INSPECTION FORM

Landowner Information	on (please p	rint)				
Landowner's Name Address						
Address City_ Phone_ Latitude_ Inspector name:		1				
Phone	Sta	τe)		
l atitude		E-m	าลแ			
Inspector name:	Long	e				
			-			
Completed Wildfire Assistance Form.)	Mitigation	Activities	(Attach	Completed	Landowner	Request fo
Basal Area Check (if ap	plicable): _					
GPS confirmation of co	mpleted acre	es (Must pro	vide spa	tial data to th	e Division): _	
1. (Treatment Type	e, Defensible	Space, Hea	avy Thin,	Riparian, etc	c.)	_
Acres treated @ rate):					
Inspection and treatmer	nt narrative (r	equired):				
						
Approved:					Data	
Authorized representativ	/e				_ Date	
EMNRD Forestry Division	n Review (if	applicable)	:			
		_			Date	

Exhibit 5

VOLUNTEER SIGN-UP SHEET

PROJECT TITLE:	
Name:	Phone:
Address:	Zip:
Name:	Phone:
Address:	Zip:
Name:	Phone:
Address:	Zip:
Name:	Phone:
Address:	Zip:
Name:	Phone:
Address:	Zip:
Name:	Phone:
Address:	Zip:
FOR OFFICE USE ONLY:	
Date:	
Location:	
Volunteers:Hours:	Signature:
Time:	
Staff Present:	

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		PROJECT TITLE:	
	PROJ	JECT NUMBER:	
	PROJ	JECT NAME:	
	PROJ	JECT DATE:	
	1.	A. SITE LOCATION:	
		B. SITE COUNTY:	
	2.		
-	Thinning		
-	Chipping		
۵	Lumber		
	3.	CONTACT PERSON:PHONE:	
		Address:	
	4.	COOPERATING ORGANIZATIONS:	
	5.	AGENCY PERSONNEL:	
	6.	VOLUNTEERS: # Vol X Hours X \$* = \$	_
	7.	TECHNICAL SUPPORT: Hours X \$* = \$	
	8.	COST: NoX=\$	
		NoX=\$	
		NoX=\$	
	9.	COMMENTS:	
	PREPA	ARED BY: DATE:	

*Rate set annually by EMNRD Forestry Division.

PROJECT TI	TLE:
	VOLUNTEER TIME SHEET
DATE:	
NAME OF PERSON/GROUP:	
NO. OF VOLUNTEERS:	
CONTACT PERSON:	TELEPHONE:
ADDRESS:	
NO. OF HOURS WORKED:	
TYPE OF PROJECT:	

Exhibit 6

[INSERT VENDOR REMIT TO NAME/ADDRESS] CERTIFICATE FOR PAYMENT

		Project T P	roject Number			
			[Remit to a	aaressj		
Contract No.:Billir		Billing	No.:	Billing DateTerminate:		
Accomplishment: No. A		No. Ac	Acres: No. Projects:			
В	illing represents work o	completed b	eginning (date)	through	n (date):	
					(*****/*	
ITEM	MATERIAL OR WORK PERFORMED		GRANT AMOUNT	\$ DUE THIS BILLING	PREVIOUS BILLINGS	BALANCE REMAINING
1	Contractual Services	3				
2						
2 3 4						
•						
	Subtotal					
	TOTAL CONTRACT					
l h	ERTIFICATION Dereby certify that the very the Total Amount Due	vork describ e this Stater	ed herein has b nent, as shown	peen performed and above, has been red	that no previous ceived.	s payment
By: EMNRD Forestry Division Project Manager				By: Authorized Project Representative		
Da	te:			Date:		