

Truckee Meadows Fire Protection District



Exhibit 1 Scope of Work

This Scope of Work is incorporated as Exhibit 1 into the NDF Notice of Subgrant Award dated October 2020. Signing by both Parties' authorized agents constitutes a legal obligation to perform the Scope of Work under the terms and conditions stated herein.

IN WITNESS WHEREOF, the Parties have caused this Scope of Work to be executed as of the Effective Date.

Nevada *OR* Sierra Pacific Power Company
"Company"
d/b/a NV ENERGY

Truckee Meadows Fire Protection District
"Contractor"

By (Signature)

Mark Regan
Fire Chief

Date

By (Signature)

Charles Moore
Fire Chief

Date

Nevada Division of Forestry
"Division"

By (Signature)

Kacey KC
State Forester/Fire Warden

Date

PART I SCOPE OF WORK

During the 80th Session of the Nevada Legislature, Senate Bill 508 allocated \$5 million in funds to be distributed as grants by Nevada Division of Forestry (NDF) for pre-fire suppression work across the State. NV Energy provided \$5 million in matching funds to NDF to increase available funds to \$10 million. Approximately \$1.2 million was allotted for Truckee Meadows Fire Protection District (TMFPD). NV Energy and TMFPD entered into a contract for fire suppression activities in April 2020. This Scope of Work is intended to access the available funds by expanding the fire suppression work TMFPD performs under NV Energy contract by increasing personnel and equipment.

Truckee Meadows Fire Protection District (“TMFPD” or “Contractor”) will conduct the hazardous fuels management described in this Scope of Work for NV Energy (“NV Energy” or “Company”) and Nevada Division of Forestry (“NDF” or “Division”) on a “time and materials basis” in amounts set forth in Parts I - III. Division, Company, and Contractor individually may be referred to as a “Party” and collectively as “Parties.”

The Parties recognize the importance of the elimination of fire hazards in accordance with Nevada Revised Statutes (“NRS”) 474.580. This Contract represents cooperative and pre-emptive implementation of the requirement to eliminate fire hazards. Specifically, TMFPD will provide Hazardous Fuels Management accordance with NRS 474.580. Services to be performed by TMFPD will consist primarily of vegetation management of ground fuels, such as clearing brush and other debris, within NV Energy service territory to reduce fire hazards and create combustible free space as follows:

1. TMFPD will conduct vegetation management of ground fuels/vegetation utilizing various types of fuel removal techniques within company's electric service territory and electrical assets including, without limitation, powerline right of ways (ROW), transmission and distribution (T&D) lines, and around company's infrastructures in accordance with local CWPP's, AHJ fuel treatment requirements and 2018 International Wildland-Urban Interface Code (IWUIC) Appendix A requirements to reduce the threat of wildfire and improve the capabilities to control such fires. The Parties will work together to implement appropriate and effective maintenance treatment to prevent the growth of noxious or flammable weeds within the ROWs. State and NV Energy funding utilized through this Scope of Work may be used outside of NV Energy infrastructure zones (in excess of 1,000 ft. from NV Energy infrastructure) when both the Division and Company agree, including, but not limited to fuel breaks created in areas away from infrastructure, but implemented utilizing these funds.
2. TMFPD will implement "pole grubbing" to create a combustible-free space around poles, in accordance with 2018 IWUIC Appendix A, and maintain such work throughout the duration of the Contract on a schedule agreed to by the Parties.
3. TMFPD will employ one Fuels Division Chief to work as a liaison/project coordinator with NV Energy and the Division. The purpose of this position will be to assist in the planning, communication, reporting, progress mapping, logistics, and effective/efficient implementation of

services outlined in this Scope of Work.

4. NV Energy and TMFPD will meet and confer in preparing a schedule of projects to be performed. TMFPD will perform the work as agreed to by the Parties. When an area is finished, NV Energy will inspect and “sign off” on the project when it is accepted. There is no warranty or liability by TMFPD after the “sign off.”

5. TMFPD will perform the work on a “time and materials basis” and may start or stop work at its discretion. At its own expense, TMFPD may assign crews under this Scope of Work to suppression duties or other TMFPD projects not in this Scope of Work.

PART II

PROJECT DESCRIPTION

The Scope of Work treats approximately 200 miles of transmission and distribution lines west and southwest of Reno (see following map), along the Truckee River in the Verdi area, on Peavine Mountain, along 395 in the Stead/Cold Springs area, Cold Springs proper, along Red Rock Road, above Caughlin Ranch, and in the Mt. Rose corridor. The work is combined mechanical treatment (masticator) and hand treatment (hand crews and engines). The work will be completed by specified personnel in this Scope of Work, in addition to TMFPD personnel already on staff funded through TMFPD and/or NV energy funding.

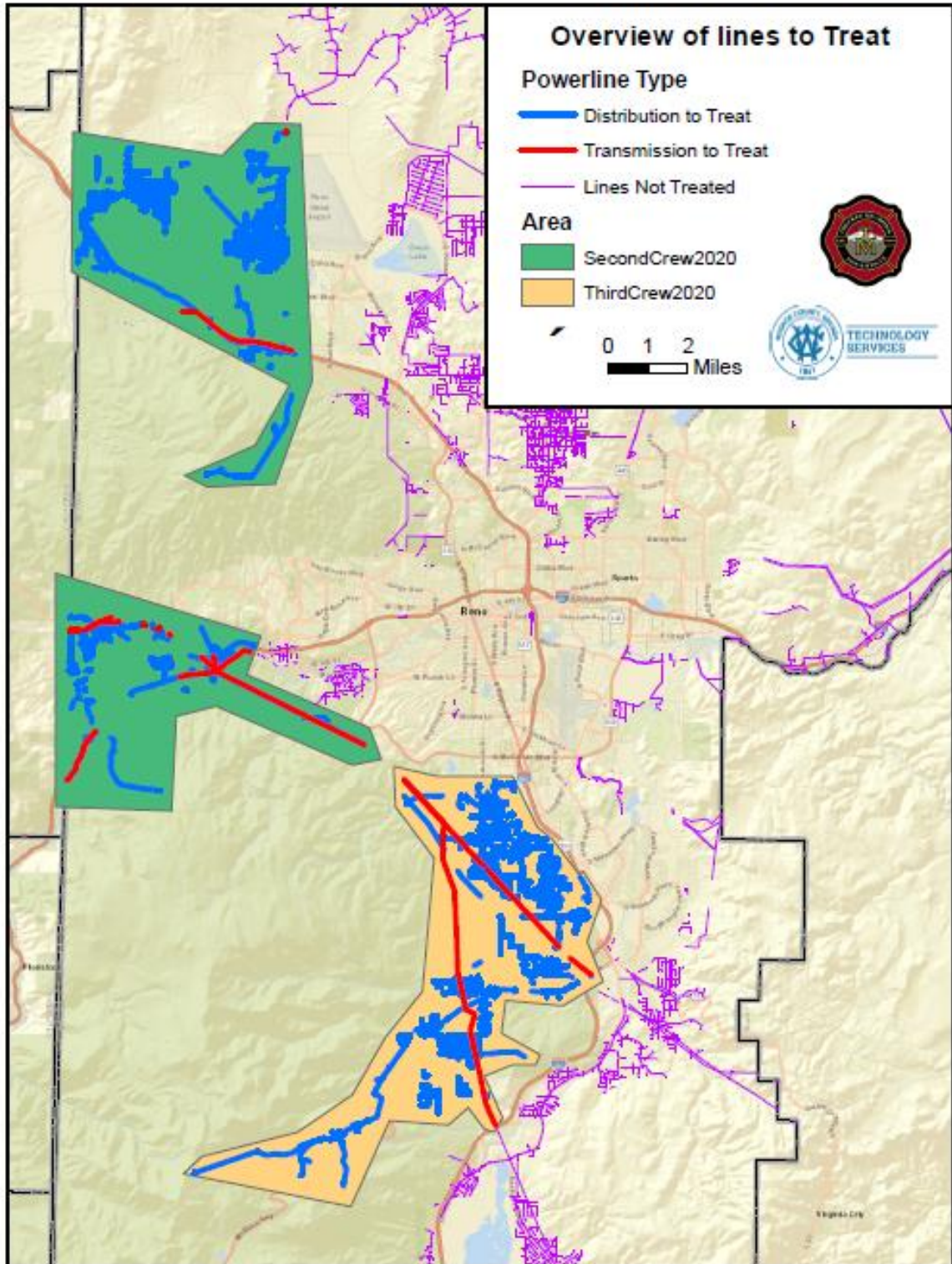
Treatment includes 10' - 30' clearance to mineral soil around poles and a 40' wide continuous shaded fuel break underneath lines. Wider breaks and fuel reduction outside of the NV Energy Right of Way will be conducted when appropriate and where landowners agree and sign Right of Entry/Hold Harmless Agreements.

A third squad is already working powerlines from the Washoe County/Carson City boundary line north. Their work will eventually tie into this proposed work above the Mt Rose Highway corridor. This will create a continuous break along the western edge of the Truckee Meadows area, decreasing fire intensities burning from the W/SW. Historical data shows the most catastrophic fires approaching from this direction either because of the Washoe Zephyr (Waterfall Fire) or from approaching low pressure systems (Washoe Drive, Little Valley, Caughlin Ranch, Poeville, etc.). This buffer will decrease loss of life, property, and natural resources in future wildland fires.

In addition to elements proposed in the scope of work, the District will provide program oversight, a second part time masticator, chippers, UTVs, overhead vehicles, and additional engine apparatus.

Daily reports tracking production will be kept on site for six years. Monthly reporting of expenditures and production will occur by the 25th of each month utilizing the following form. This report will be submitted to both the Division and NV Energy. Billing will be completed quarterly and submitted directly to the Division.

Fire District:		Date:													
NV ENERGY STATUS REPORT		Number of poles	Distance	Fuel type	Acres treated	Herbicide		Biomass			Project completed in conjunction with current district projects		Treatment area/fuel break adjacent to power lines		
Tier-2						needed	used	pile	chipped	scattered	yes	no	start lat/long	finish lat/long	
Circuit Number:	ZONE 1														
Circuit Number:	ZONE 2														
Circuit Number:	ZONE 3														
Tier-2													start lat/long	finish lat/long	
Circuit Number:	ZONE 1														
Circuit Number:	ZONE 2														
Circuit Number:	ZONE 3														
Tier-1													start lat/long	finish lat/long	
Circuit Number:	ZONE 1														
Circuit Number:	ZONE 2														
Circuit Number:	ZONE 3														
Non tier wildland area													start lat/long	finish lat/long	
Circuit Number:	ZONE 1														
Circuit Number:	ZONE 2														
Circuit Number:	ZONE 3														
COMMENTS:															



7/27/2020 M:\Fire\FuelsReduction\Treatment2020_overview.mxd

**PART III
PRICING SCHEDULE**

2020 BILLING RATES

All rates based on actual cost to TMFPD. Billed rate will be at the actual cost and may be different than the rate quoted in this document.

NV Energy/NDF will reimburse the District for equipment and/or apparatus necessary to complete the work. Any equipment or apparatus cost that is reimbursed by NV Energy/NDF to the District will not be invoiced at an additional hourly rate. This does not include maintenance or operating costs, which shall be subject to spate invoicing.

Equipment hours will be tracked and billable rates subtracted from initial NV Energy funding amounts until equipment is paid off or until the cancellation/end of this agreement. At the time of termination of this agreement, the District will reimburse NV Energy the remaining purchase balance or will return the equipment.

APPARATUS RATES

Equipment utilized at the request of NV ENERGY will be billed based on actual hours used. Personnel will be billed for hours worked as indicated on crew reports and will include travel time. Equipment is not included in portal to portal pay provisions; however usage will be reimbursed at the rate indicated in the rate schedule.

- | | |
|------------------------------|---|
| 1. Structure Engine - Type I | \$200.00/hr. |
| 2. Brush Engine - Type III | \$180.00/hr. |
| 3. Water Tender | \$170.00/hr. |
| 4. Patrol Truck – Type V/VI | \$115.00/hr. |
| 5. Rescue | \$75.00/hr. |
| 6. Heavy Rescue | \$175.00/hr. |
| 7. Air Truck | \$150.00/hr. |
| 8. Fuel Truck | \$75.00/hr. |
| 9. Water Rescue Unit w/Boats | \$75.00/hr. |
| 10. Hazmat Unit | \$225.00/hr. |
| 11. Heavy Mechanic Truck | \$125.00/hr. |
| 12. ***Dozer – Type I*** | \$180.00/hr. (Includes Fuel) or \$400.00/day stand-by |
| 13. ***Transport/Lowboy*** | \$75.00/hr. plus \$1.75/mi. or \$200.00/day stand-by |
| 14. ***Dozer Chase*** | \$96.00/day plus \$0.58/mi |

Dozer requests will include Dozer Chase and two (3) personnel, qualified (1) DZOP and (1) HEQB and (1) HEQB trainee. Personnel rates will vary depending on rank or the FSH 5109.34 Incident Position Matrix if a casual hire.

Dozer will only be charged while on project and not during travel status.

Transport/Lowboy will be charged the hourly rate during travel and stand-by rate while on project.

COUNTY OR TMFPD OWNED VEHICLES:

- 1. Command Vehicle \$96.00/day plus \$0.58 per mile
- 2. SUV/Pickup (½ ton and below) \$86.00/day plus \$0.58 cents per mile
- 3. Pickup (¾ ton and above) \$96.00/day plus \$0.58 cents per mile
- 4. Polaris UTV \$200.00/day (must be ordered via resource order)
- 5. Privately Owned Vehicle \$0.58 cents per mile
- 6. Masticator (Wet) \$160.00/hr. (Includes Fuel)
- 7. Ambulance \$125.00/hr.

PERSONNEL RATES

Backfill (for 56-hour personnel only) personnel and their invoices amounts will be shown on the same invoice as incident personnel. Backfill dates will be noted. All personnel are charged consistent with the District’s current labor agreements and/or resolutions as approved by the Board.

2080: 40 Hour Rate	Rate		
	Regular	OT	CB OT
Fire Chief	\$136.46		
Deputy Fire Chief	\$127.42		
Division Chief	\$96.27	\$101.77	\$145.03
Battalion Chief - 2080	\$100.24	\$100.82	\$143.66
Fire Prevention Specialist II	\$62.27	\$69.11	\$89.33
Fire Prevention Specialist I	\$54.13	\$60.08	\$77.65
Training Captain	\$89.78	\$90.67	\$137.73
Logistics Chief's Officer	\$96.30	\$96.65	\$96.36
Fleet Manager	\$67.78	\$74.55	\$80.20
Fire Mechanic	\$56.42	\$62.05	\$76.75
Fuels Mgmt. Crew Boss	\$58.66	\$64.52	\$83.39

Fuels Mgmt. Heavy Equipment Operator	\$48.67	\$53.53	\$69.18
Fuels Mgmt. Squad Boss	\$48.67	\$53.53	\$69.18
Fuels Mgmt. Crew Member	\$37.89	\$41.66	\$53.85
Communications Tech	\$61.49	\$71.59	\$92.54
Air Resource Advisor	\$57.94	\$67.46	\$87.19
Accountant	\$45.50	\$49.91	
CFO	\$82.32		
2912: 56 Hour Rate	Rate		
	Regular	OT	CB OT
Battalion Chief	\$71.59	\$72.00	\$102.61
Training Captain	\$55.97	\$56.42	\$80.39
Captain	\$53.63	\$53.94	\$76.87
Engineer	\$47.79	\$48.07	\$68.50
Paramedic	\$45.29	\$45.42	\$64.73
Firefighter	\$41.72	\$41.97	\$59.80

BILLING ADDRESS

Truckee Meadows Fire Protection District
3663 Barron Way
Reno, NV 89502

CONTACT INFORMATION

Charles A. Moore, Fire Chief
(775) 328-6123 Mobile (775) 313-8903

Alex Kukulus, Deputy Chief
(775) 328-6125 Mobile (775) 762-0638

Cindy Vance, Chief Fiscal Officer
(775) 326-6070

August Isernhagen, Division Chief – Fuels
(775) 741-0372

Administrative Office
(775) 326-6000 Fax (775) 326-6003

DUNS NUMBER

006811244

TAX ID NUMBER

EIN # 38-3856902

STATION LOCATIONS

Career Stations

Battalion 30 – South

Station 30 - 3905 Old Hwy 395, Washoe Valley

Station 32 - 1240 E. Lake Blvd., Washoe Valley

Station 33 - 470 Foothill Rd., Reno

Station 36 - 13500 Thomas Creek Rd., Reno

Station 37 - 3255 W. Hidden Valley Dr., Reno

Station 39 - 4000 Joy Lake Rd., Reno

Battalion 40 – North

Station 40 - 10201 W. 4th St., Mogul

Station 42 - 3680 Diamond Peak Dr., Cold Springs

Station 44 - 10575 Silver Lake Rd., Stead,

Station 45 - 110 Quartz Ln., Sun Valley

Station 46 - 500 Rockwell Blvd. Spanish Spring

Volunteer Stations

Station #430 – 11525 Red Rock Rd., Silver Lake

Station #440 – 130 Nectar St., Lemmon Valley

Station #225 – 400 Stampmill Dr., Wadsworth

Station #227 – 3010 Lakeshore Blvd., Washoe Valley

Station #229 – 6015 Ironwood Rd., Palomino Valley

Station #301 – 345 Bellevue Rd., Washoe Valley

Station #351 – 165 Bridge St., Verdi

Truckee Meadows Fire Protection District

Fuels Management Overview

This proposal has been completed to provide a reasonable expectation of funding the operation of hazardous fuels management services provided by Truckee Meadows Fire Protection District resources. This proposal is not inclusive of all possible costs. Additional costs may be necessary to ensure operational success. The proposal outlines potential costs during a 3-year period including initial costs, fleet, and operational costs.

YEAR 1 FY 20/21		YEAR 2 FY 21/22		YEAR 3 FY 22/23	
<i>Current Estimate Hiring July 1</i>		<i>3.5% COLA</i>		<i>3.5% COLA</i>	
Fuels Mgmt. Crew Boss (1)	\$93,768.84	Fuels Mgmt. Crew Boss (1)	\$97,050.75	Fuels Mgmt. Crew Boss (1)	\$100,447.53
Fuels Mgmt. Heavy Equipment Operator (1)	\$78,335.64	Fuels Mgmt. Heavy Equipment Operator (1)	\$81,077.38	Fuels Mgmt. Heavy Equipment Operator (1)	\$83,915.09
Fuels Mgmt. Squad Boss (2)	\$156,711.28	Fuels Mgmt. Squad Boss (2)	\$162,154.76	Fuels Mgmt. Squad Boss (2)	\$167,830.18
Estimated 3 Year Contract Personnel Cost: \$1,021,291.45					

Item Description	Unit(s)	Cost(s)	Estimated Total Costs
Type V Wildland Engine	1	\$165,000.00	\$165,000.00
Grand Totals			\$165,000.00

Personnel Costs - Field Season	Estimated Total Costs
One Crew Boss, one Equipment Operator, and two Squad Bosses.	\$1,021,291.45
<p>This configuration will make up the personnel providing annual fuels treatment (2080 hours/person). Personnel costs include salaries, fringe benefits including worker's compensation, unemployment insurance, health insurance, retirement and other overhead costs. If needed, a breakdown of these costs may be provided.</p>	

Fleet Costs – Engine	Estimated Total Costs
See start-up fleet for cost breakdown	\$165,000.00
<p>The estimated cost for the engine is a “maximum” cost and includes the cost of up-fitting vehicles to ensure operational standards of the Interagency Standards for Fire and Fire Aviation Operations are met. The rationale behind this configuration would be due to fuels management needs, particularly engine/water requirements during equipment and prescribed fire operations.</p>	

Estimated Grand Total	Estimated Total Costs
	\$1,186,291.45