

Attachment E
Special Requirements
Mohawk Valley Wildfire Resilience

a. Quality Control Plan

The Contractor shall conduct inspections on all units in accordance with his/her Quality Control Plan (QCP). The Contractor's Quality Control Plan shall be submitted and accepted by the Government prior to any work starting.

b. Emergencies

Fire Plan

☒ See attached Fire Plan

Area of responsibility for Fire: Unless otherwise noted elsewhere in the contract, the Fire Plan defines the limits of a contractor's area of responsibility for fire under the terms of the fire plan:

Silviculture Projects – 70 meters around the perimeter of the unit being worked in.

c. Superintendence by Contractor

The name and the specific authorities of the foreman or superintendent must be designated in writing to the Contracting Officer. The Contractor may use his/her own prepared letterhead stationery or a "Designation of Contractor's Representative" form available from the Contracting Officer. If the Contractor or the designee is not present when work is being performed on the contract, a Suspend Work Order may be issued with contract time continuing to run. The Contractor shall have a person on-site that is fully conversant in the English language.

d. Camping and Housing

Camping is not permitted in US Forest Service Campgrounds. Contractor will be permitted to camp elsewhere on US Forest Service Land. Camping on Forest Service land is not a right; permission may be revoked for failure to comply with the terms of the permit.

Contractor shall comply with all terms and conditions of any camping permit issued to allow use of premises. Any non-compliance will result in suspension of work until compliance is achieved.

e. Archaeological and Historic Sites

Location of known archaeological, historic, or pre-historic materials--such as Amerind artifacts and/or historic mining, logging, or fur trapping remains protected by the American Antiquities Act (16 USC 433)--will be identified for the contractor before work commences.

f. Spill Plan

If the total oil or oil products storage exceeds 1,320 gallons or if any single container exceeds a capacity of 660 gallons, the Contractor shall prepare and implement a Spill Prevention and Countermeasures (SPCC) Plan. Such plan shall meet applicable EPA requirements (40 CFR

112), including certification by a registered professional engineer. The Contractor under the direction of the Contracting Officer, or in the absence of said officer, acting independently, shall immediately take action to contain and clean up, without expense to the District, all petroleum products spills on or in the vicinity of the project which are caused by the Contractor's employees directly or indirectly as a result of contract operations. The Contractor may be held liable for all damages and costs of additional labor, subsistence, equipment, supplies, and transportation deemed necessary by the District for the containment and cleanup of petroleum products spills caused by Contractor's employees or resulting from contract operations. The Contractor shall immediately report all petroleum products spills to the Contracting Officer.

g. Equipment Cleaning

All off-road equipment used on this project shall be washed before moving into the project area so that the equipment is free of soil, seeds, vegetative material, or other debris that could contain or hold seeds of noxious weeds. "Off-road equipment" includes all ATVs and UTVs, logging and construction equipment and such brushing equipment as brush hogs, masticators, and chippers; it does not include log trucks, chip vans, service vehicles, water trucks, pickup trucks, and similar vehicles not intended for off-road use.

Equipment will be considered clean when visual inspection does not reveal soil, seeds, plant material, or other such debris. Disassembly of equipment components or specialized inspection equipment is not required. Contractor shall notify the Contracting Officer at least five days in advance of moving equipment in so that arrangements can be made for inspection.

If the project area is known to contain noxious weeds, the equipment shall be cleaned before moving to other project lands which do not contain noxious weeds.

h. Road Maintenance

Designated access routes require no road maintenance by the Contractor. All roads shown on contract maps shall be left in the original condition existing prior to the commencement of work on this contract. Any water bars in skid trails disturbed by the Contractor's operations shall be restored to the condition prior to damage, at the Contractor's expense. Slash may not be left in the roadways, as this would pose a hazard to damaging vehicles.

i. Employment of Eligible Workers

a) Labor standards for contracts involving H-2B workers or migrant and seasonal agricultural workers

1. General

This contract is subject to the Migrant and Seasonal Agricultural Worker Protection Act (MSPA), 29 United States Code (U.S.C) 1801-1872, and to the U.S. Department of Labor (DOL) regulations implementing MSPA 29 Code of Federal Regulations (CFR) Part 500. MSPA eliminates activities detrimental to migrant and seasonal agricultural workers, requires registration of Farm Labor Contractors, and ensures necessary protection for the workers. Information regarding MSPA can be found at <http://www.dol.gov/whd/mspa/index.htm>.

If workers are hired under the H-2B program, (8 CFR Section 274A provisions of the Immigration and Nationality Act (INA) for the admission of nonimmigrants to the U.S. to perform temporary

labor or services) a Temporary Employment Certification issued by the Office of Foreign Labor Certification (OFLC) in the Department of Labor Employment and Training Administration is required. For further information on the requirements of the H-2B program, visit OFLC's website at <http://www.foreignlaborcert.doleta.gov/> or Wage and Hour's website at <http://www.dol.gov/whd/immigration/H2BFinalRule/index.htm>.

Compliance with MSPA and the INA is a material condition of this contract. If the contractor employs any unauthorized worker(s) during the performance of this contract that violates section 274A of the INA, the Government may terminate the contract, in addition to other remedies or penalties prescribed by law.

2. Definitions

a) **H-2B worker:** as used in this part means a nonimmigrant holding a visa authorizing the individual to legally work in the US to perform temporary labor or services. A worker with an H-2B visa ("H-2B worker") may also be considered a migrant agricultural worker under MSPA depending on the type and nature of work performed.

b) **Migrant Agricultural Worker and Seasonal Agricultural Worker:** as used in this part means individuals employed for agricultural (including forestry) work on a seasonal or temporary basis.

i. A worker, moving from one seasonal activity to another, is employed on a seasonal basis even though the worker may continue to be employed during a major portion of the year.

ii. An overnight absence from the migrant workers permanent place of residence is required.

iii. Members of the contractor's immediate family are not considered migrant or seasonal workers. Immediate family includes:

- Spouse
- Children, stepchildren, or foster children
- Parents, stepparents, or foster parents, or
- Brothers and sisters

c) **Farm Labor Contractor (FLC).** As used in this part means a person including an individual, partnership, association, joint stock company or a corporation, who, for any money or other valuable consideration, paid or promised to be paid, performs any recruiting, soliciting, hiring, employing, furnishing, or transporting of any migrant or seasonal agricultural worker.

3. Registration Requirements

a) Any contractor providing or hiring H-2B nonimmigrants for work under this contract shall provide a copy of their Temporary Employment Certificate. General information about the H-2B program can be found on Fact Sheet # 78 at <http://www.dol.gov/whd/regs/compliance/whdfs78.htm>. Contractors can apply for the certificate through the US DOL Employment & Training Administration's on line iCERT Visa Portal System at <https://icert.doleta.gov/> or by paper application.

b) Any contractor who meets the definition in (2.iii.) above providing or hiring migrant or

seasonal workers to perform agricultural or manual forestry work shall first obtain a Federal DOL Farm Labor Contractor Certificate of Registration (http://www.dol.gov/whd/forms/fts_wh530.htm). The contractor shall carry the certificate at all times while engaged in contract performance and shall display it upon request. Any of the contractor's employees who perform any one or more of the activities defined as an FLC in paragraph (2.iii.) must have their own FLC Employee Certificate. General information about MSPA can be found on Fact Sheet #49 at DOL Wage and Hour Divisions webpage <http://www.dol.gov/whd/regs/compliance/whdfs49.htm>.

4. Certifications

The Contractor shall provide applicable H-2B Temporary Employment Certificate or Farm Labor Contractor Certificate as part of their representations, certifications, and acknowledgements. Subcontractor(s) meeting the definitions above shall follow the same requirements as the Prime Contractor. It is the Prime Contractor's responsibility to ensure the Subcontractor's information is provided to the Contracting Officer.

5. Worker Protections

a) Worker Information Posters

- i. A contractor who uses the H-2B program to meet its temporary employment needs must post and maintain the H-2B poster (WH-1505) in a conspicuous location accessible to workers at the job site.
- ii. The contractor shall display and maintain the MSPA poster (WH-1376) on the job site in a conspicuous location accessible to workers during the contract performance period.

b) Personal protective equipment

- i. 29 CFR 1910 Subpart I, OSHA's General Industry personal protective equipment (PPE) standard contains the general requirements for the provision of personal protective equipment and requires employers to perform a hazard assessment to select appropriate PPE for hazards that are present or likely to be present in the workplace. OSHA requires that many categories of personal protective equipment meet or be equivalent to standards developed by the American National Standards Institute (ANSI).
- ii. Before a worker begins operating equipment, the contractor shall train the workers on the safe operation and use of the equipment.
- iii. The contractor shall provide the appropriate personal protective equipment for the work required to be performed in the contract, wherever necessary by reason of hazards or processes encountered that may cause injury or impairment in the function of any part of the body. Except for foot protection, all PPE must be provided by the employer at no cost to the employee. Includes:
 - Head Protection
 - Hearing Protection
 - Eye/Face Protection
 - Leg Protection
 - Foot Protection
 - Hand Protection

iv. PPE must be sanitary and in reliable condition. Do not use defective or damaged PPE. PPE must be inspected prior to use on each work shift to ensure it is in serviceable condition.

v. A checklist of applicable PPE guidelines typical for the work performed under this contract is provided. This does not relieve the contractor of the responsibility of performing a risk assessment or providing the necessary PPE for their operations.

Reference

<https://www.osha.gov/SLTC/personalprotectiveequipment/index.html> or OSHA

3151-12R 2003 Personnel Protective Equipment Booklet.

- MSPA – Forestry Working Conditions Checklist

- Manual Logging activities:

https://www.osha.gov/SLTC/etools/logging/manual/logger/personal_equip.html

- General Machine and Vehicles Logging activities:

<https://www.osha.gov/SLTC/etools/logging/mechanical/machines.html>

c) **Field Sanitation.** OSHA established minimum standards for field sanitation in covered agricultural settings. Refer to Fact Sheet # 51 Field Sanitation Standards under the Occupational Safety and Health Act.

6. Employment Requirements - Fact Sheets with relevant information may be found at <http://www.dol.gov/WHd/fact-sheets-index.htm>.

a) Contractors employing workers in forestry related work are required to comply with wage and payroll standards and recordkeeping requirements. Refer to Fact Sheet #63: Application of Federal Labor Laws to Reforestation found on the DOL Wage and Hour Division webpage.

b) **Contractor Employee List.** Contractors are required to provide/maintain an active list of all employees performing work on the job site under this contract. The Employee List will identify employees by full name (aliases), supervisory duties if applicable, and appropriate labor Occupation Code for work performed under the Service Contract Act Wage Rates applicable to this contract. If Subcontractors are utilized, all tiers of subcontractor(s) are responsible for providing the same information for their employees to the Prime for submittal to the Contracting Officer.

7. Transportation

a) The contractor shall be registered to transport employees, unless employees provide their own transportation or carpool by their own arrangement in one of their own vehicles. Authorization for each vehicle that will be used to transport employees must appear on the contractor's certificate. If the contractor directs or requests employees to carpool, the registration requirement is applicable. Any driver, who transports workers for a fee or at the direction of the contractor, shall be registered as an FLC or an FLC employee.

b) See Fact Sheet #50: Transportation Under MSPA, for more information about the vehicle safety standards, driver's licensing requirements, and vehicle insurance requirements. Note that separate transportation requirements may apply if there are H-2B workers.

8. Housing

a) The authorization to furnish housing, other than commercial lodging certified by a health authority or other appropriate agency, must appear on the contractor's certificate. Contractors should contact their local Wage and Hour Division of the DOL for further information on the requirements of the Act.

b) **Camping Requirements.** The Forest Service (FS) has various camping opportunities. Check with local FS unit for camping requirements, camping permits may be required. Verify local fire restriction policies. If camps will be used to house workers subject to MSPA, they are also subject to the temporary labor camp standards at 29 CFR 1910.142. The Forest Service reserves the right to terminate a camping permit at any time. These requirements are in addition to those contained in or provided for under the clause titled "452.236-72 Use of Premises" in this contract. Any violation of these conditions constitutes a breach of contract and may result in revocation of camping approval.

i. Every structure used as shelter must provide protection from the elements. Where adequate heat is not provided, make other arrangements to protect workers from the cold. Cut firewood only after a District Firewood Permit is obtained.

ii. The campsite must not encroach beyond the boundaries designated by the Forest Service. The campsite location must minimize impacts on streams, lakes, and other bodies of water. Camping is not permitted within developed recreational sites or along primary recreational roads.

iii. The campsite must have a clean appearance at all times. Upon abandonment of any campsite, or termination, revocation, or cancellation of camping privileges, the contractor shall remove, within 10 calendar days, all structures and improvements except those owned by the United States, and shall restore the site, unless otherwise agreed upon in writing or in the camping permit. Structures or improvements the contractor fails to remove within the 10 calendar day period becomes the property of the United States, however, the contractor remains liable for the cost of the removal and restoration of the site.

iv. Unless otherwise designated by the CO, the use of the area is not exclusive and may be granted to other permittees, contractors, or recreating public. Disorderly conduct is not permitted.

v. Damaging or removing any natural feature or other property of the Forest Service is prohibited.

vi. Servicing of equipment in the campsite is not permissible unless the campsite is within the project area.

vii. Provide sanitary facilities for storing food. Provide ice chests or coolers, with ice supply made from potable water, and replenish as necessary. Provide sufficient storage for perishable food items.

viii. Provide an adequate and convenient potable water supply in each camp for

drinking and cooking purposes.

ix. Provide adequate toilet facilities and toilet paper for the capacity of the camp. Service and maintain facilities in a sanitary condition.

x. Collect, store, and dispose of garbage in a manner to discourage rodent access, minimize attraction of flies, and prevent scattering by wind.

xi. Maintain basic first aid supplies available, which must be under the charge of a person trained to administer first aid.

The basic supplies must include:

- Gauze pads (at least 4x4 inches)
- Two large gauze pads (at least 8x10 inches)
- Box adhesive bandages (band-aids)
- One package of gauze roller bandage (at least 2-inches in width)
- Two triangular bandages
- Scissors
- At least one blanket
- Tweezers
- Adhesive tape
- Latex gloves, and
- Resuscitation device such as resuscitation bag, airway, or pocket mask.

xii. Wash laundry in such a way that washing and rinsing will not pollute lakes, streams, or other flowing water.

xiii. Dispose waste water away from living and eating areas and in such a way that minimizes pollution to lakes, streams, and other flowing water.

xiv. The contractor shall take all reasonable precautions to prevent and suppress forest fires. Do not dispose of material by burning in open fires during the closed season established by law or regulation without the written permission from the Forest Service.

xv. If authorized to have an open fire, the Contractor shall comply with the following fire regulations:

- A shovel, axe or Pulaski, a 10-quart pail, which is full of water for immediate use, and a fire extinguisher with an Underwriters Laboratory (UL) rating of at least 1:A 10:BC is required.
- All fire rings or outside fireplaces must be approved by the Forest Service representative. The area must be cleared down to mineral soil for a distance of one foot outside of the ring or fireplace, and it must not have any overhanging material. Fire rings must be dismantled and material disposed prior to leaving the site.
- All generators and other internal combustion engines must be equipped with Forest Service approved spark arrestors and/or factory designed muffler and exhaust system in good working order. They will be located in a cleared area with the same requirements as in described in the previous paragraph.
- All fuel must be stored in UL approved flammable storage containers and be located at least 50 feet from any open flame or other source of

ignition.

c) Include the instructions below, Representations, certifications, and other statements of offerors or respondents. Contractors are required to provide certification of employment status as part of their representations, certifications, and acknowledgements.

Employment of Eligible Workers

Workforce Certification

Contractors are required to provide certification under this solicitation in compliance with the Migrant and Seasonal Agricultural Workers Protection Act (MSPA) and Farm Labor Contractor (FLC) Certificate of Registration requirements describing the workforce they will utilize to fulfill the contract requirements under this solicitation and any resulting contract. If the Contractor will supply workers under the H-2B Program, the Contractor is required to provide a copy of the Temporary Employment Certificate issued by DOL.

Subcontractors are bound by the same requirements for licenses and permits under this contract. If a Prime Contractor identifies a Subcontractor as part of their workforce to accomplish the work under this solicitation, the Prime Contractor shall submit the Subcontractor's signed certification with their response to the solicitation.

H-2B Workers: (<http://www.foreignlaborcert.doleta.gov/>)

- ☐ Company certifies it will not be utilizing H2B Workers under any resulting contract of this solicitation.
- ☐ Company will be utilizing H2B Workers (under any resulting contract of this solicitation. Provide a copy of Temporary Employment Certificate.)

MSPA Workers: (<http://www.dol.gov/whd/mspa/>)

- ☐ Company certifies it will not be utilizing MSPA workers under any resulting contract of this solicitation.

☐ Certifies has valid FLC certificate of registration. (**Attach a copy of current certification.**)

Authorization includes:

- ☐ Transporting workers
- ☐ Driving
- ☐ Housing workers
- ☐ Company has applied for certificate of registration on _____.

Contractors not currently having obtained a certificate (for each partner, if partnership) will be requested to furnish proof of having obtained a certificate prior to award of contract. Partnerships must furnish proof of registration of their assumed business name, if any, with the State of registration.

State of _____ No. _____

Information about licensing requirements and procedures may be obtained from the following:

I, on behalf of said Company, certify to the above responses.

(Signature)	(Date)
(Printed Name)	(Date)

FIRE PLAN FOR CONSTRUCTION AND SERVICE CONTRACTS
01/27/2016

1. SCOPE:

The provisions set forth below outline the responsibility for fire prevention and suppression activities and establish a suppression plan for fires within the contract area. The contract area is delineated by map in the contract. The provisions set forth below also specify conditions under which contract activities will be curtailed or shut down.

2. RESPONSIBILITIES:

A. Contractor

- (1) Shall abide by the requirements of this Fire Plan.
- (2) Shall take all steps necessary to prevent his/her employees, subcontractors and their employees from setting fires not required in completion of the contract, shall be responsible for preventing the escape of fires set directly or indirectly as a result of contract operations, and shall extinguish all such fires which may escape.
- (3) Shall permit and assist in periodic testing and inspection of required fire equipment. Contractor shall certify compliance with specific fire precautionary measures in the fire plan, before beginning operations during Fire Precautionary Period and shall update such certification when operations change.
- (4) Shall designate in the Fire Plan and furnish on Contract Area, during operating hours, a qualified fire supervisor authorized to act on behalf of Contractor in fire prevention and suppression matters.

B. Forest Service

The Forest Service may conduct one or more inspections for compliance with the Fire Plan. The number, timing, and scope of such inspections will be at the discretion of agency employees responsible for contract administration. Such inspections do not relieve the Contractor of responsibility for correcting violations of the fire plan or for fire safety in general, as outlined in paragraph 2.A above.

3. DEFINITIONS:

The following definitions shall apply:

Active Landing: A location the contractor may be skidding logs into, or performing other operations such as delimbing, log manufacturing, and chipping logs. Except for EV and E days, loading logs or stockpiling chips only, on a cleared landing, does not constitute an Active Landing.

Hot Saw: A harvesting system that employs a high-speed (>1100 rpm) rotating felling head, i.e., full rotation lateral tilt head.

Mechanical Operations: The process of felling, skidding, chipping, shredding, masticating, piling, log processing and/or yarding which requires the use of motorized power which includes, chainsaws, chippers, motorized carriages, masticators, stroke delimiters, skidders, dozers etc.

4. TOOLS AND EQUIPMENT:

The Contractor shall comply with the following requirements during the fire precautionary

period, as defined by unit administering contracts:

The Fire Precautionary Period is set by the State of California which is April 1 through December 1 of any year.

- **This contract ☒ requires, ☐ does not require, a Fire Box and associated Fire Tools according to CPRC Section 4428.**

A. Fire Tools and Equipment: Contractor shall meet minimum requirements of Section 4428 of the California Public Resources Code (C.P.R.C.). Fire tools kept at each operating landing shall be sufficient to equip all employees in the felling, yarding, loading, chipping, and material processing operations associated with each landing. Fire equipment shall include two tractor headlights for each tractor dozer used in Contractor's Operations. Tractor headlights shall be attachable to each tractor and served by an adequate power source. All required fire tools shall be maintained in suitable and serviceable condition for fire fighting purposes.

Trucks, tractors, skidders, pickups and other similar mobile equipment shall be equipped with and carry at all times a size 0 or larger shovel with an overall length of not less than 46 inches and a 2-1/2 pound axe or larger with an overall length of not less than 28 inches.

Where cable yarding is used, Contractor shall provide a size 0 or larger shovel with an overall length of not less than 46 inches and a filled backpack can (4 or 5 gallon) with hand pump within 25 feet of each tail and corner block.

B. Fire Extinguishers: Contractor shall equip each internal combustion yarder, fuel truck, and loader with a fire extinguisher for oil and grease fires (4-A:60-B:C).

Skidders and tractors shall be equipped with a minimum 5-BC fire extinguisher.

All Fire Extinguishers shall be mounted, readily accessible, properly maintained and fully charged.

Contractor shall equip each mechanized harvesting machine with hydraulic systems, powered by an internal combustion engine (chipper, feller/buncher, harvester, forwarder, hot saws, stroke delimber, etc), except tractors and skidders, with at least two 4-A:60-B:C fire extinguishers or equivalent.

C. Spark Arresters and Mufflers: Contractor shall equip each operating tractor and any other internal combustion engine with a spark arrester, except for motor vehicles equipped with a maintained muffler as defined in C.P.R.C. Section 4442 or tractors with exhaust-operated turbochargers. Spark Arresters shall be a model tested and approved under Forest Service Standard 5100-1a as shown in the. National Wildlife Coordinating Group Spark Arrester Guide, Volumes 1 and 2, and shall be maintained in good operating condition. Every motor vehicle subject to registration shall at all times be equipped with an adequate exhaust system meeting the requirements of the California Vehicle Code.

D. Power Saws: Each power saw shall be equipped with a spark arrester approved according to C.P.R.C. Section 4442 or 4443 and shall be maintained in effective working order. An Underwriters Laboratories (UL) approved fire extinguisher containing a minimum 14 ounces of fire retardant shall be kept with each operating power saw. In addition, a size 0 or larger shovel with an overall length of not less than 38 inches shall be kept with each gas can but not more than 300 feet from each power saw when used off cleared landing areas.

• This contract ☒ requires, ☐ does not require, Section 4E of the Fire Plan.

E. Tank Truck or Trailer: Contractor shall provide a **water tank truck or trailer** on or in proximity to Contract Area during Contractor's Operations hereunder during Fire Precautionary Period. When Project Activity Level B or higher is in effect, a tank truck or trailer shall be on or immediately adjacent to each active landing, unless otherwise excepted when Hot Saws or Masticators are being used. See Section 6 for specific contract requirements.

The tank shall contain at least 300 gallons of water available for fire suppression. Ample power and hitch shall be readily available for promptly and safely moving tank over roads serving Contract Area. Tank truck or trailer shall be equipped with the following:

- (1) Pump, which at sea level, can deliver 23 gallons per minute at 175 pounds per square inch measured at the pump outlet. Pumps shall be tested on Contract Area using a 5/16 inch orifice in the Forester One Inch In-Line Gauge test kit. Pump shall meet or exceed the pressure value in the following table for nearest temperature and elevation:

T e m p	Sea Level	1000 Feet	2000 Feet	3000 Feet	4000 Feet	5000 Feet	6000 Feet	7000 Feet	8000 Feet	9000 Feet	10000 Feet
55	179 23	174 23	169 23	165 22	161 22	157 22	153 22	150 21	146 21	142 21	139 21
70	175 23	171 23	166 22	162 22	158 22	154 22	150 21	147 21	143 21	139 21	136 20
85	171 23	168 23	163 22	159 22	155 22	151 21	147 21	144 21	140 21	136 20	133 20
100	168 23	164 23	159 22	155 22	152 22	148 21	144 21	141 21	137 20	133 20	131 20
	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I	G P M	P S I

The pump outlet shall be equipped with 1-1/2 inch National Standard Fire Hose thread. A bypass or pressure relief valve shall be provided for other than centrifugal pumps.

- (2) 300 feet of 3/4-inch inside diameter rubber-covered high-pressure hose mounted on live reel attached to pump with no segments longer than approximately 50 feet, when measured to the extreme ends of the couplings. Hose

shall have reusable compression wedge type 1-inch brass or lightweight couplings (aluminum or plastic). One end of hose shall be equipped with a coupling female section and the other end with a coupling male section. The hose shall, with the nozzle closed, be capable of withstanding 200 PSI pump pressure without leaking, distortions, slipping of couplings, or other failures.

- (3) A shut-off combination nozzle that meets the following minimum performance standards when measured at 100 P.S.I. at the nozzle:

	G.P.M.	Horizontal Range
Straight Stream	10	38 feet
Fog Spray	6 - 20	N/A

- (4) Sufficient fuel to run the pump at least 2 hours and necessary service accessories to facilitate efficient operation of the pump.

When Contractor is using Hot Saws or Masticators, an additional 250 feet of light weight hose, approved by the Forest Service, shall be immediately available for use and be capable of connecting to the 300 feet of hose and appurturances in (2) and (3) above.

This equipment and accessories shall be deliverable to a fire in the area of operations and is subject to the requirements for each specific activity level identified in Section 6.

F. Compressed Air Foam System: A Compressed Air Foam System (CAFS) is a fire suppression system where compressed air is added to water and a foaming agent. By agreement, Contractor may substitute a CAFS or functional equivalent in lieu of the tank truck, trailer or fire extinguishers, provided it meets or exceeds the following specifications and requirements:

1. Variable foam expansion ratio – 10:1 to 20:1.
2. Units shall be kept fully charged with air; water and foam concentrate as recommended by the manufacturer and have the appropriate tools to service the system.
3. The unit shall contain enough energy to empty tank and clear hose prior to exhausting propellent.
4. The unit shall be capable of being completely recharged within 10 minutes.
5. When used on cable yarding landings, the unit shall be outfitted for immediate attachment to carriage and transported without damage to the unit.

Fire extinguishers required for Hot Saws, Masticators and similar equipment identified in Section 4 B. above may be substituted with a 3 gallon CAFS.

Tank truck, trailer or equivalent may be substituted with a 30 Gallon CAFS with at least 550 feet of one inch hose and an adjustable nozzle with enough water, air and foam concentrate for at least one recharge.

This equipment and accessories shall also be deliverable to a fire in the area of operations and subject to the requirements for each specific activity level identified in Section 6.

5. GENERAL

- A. State Law:** In addition to the requirements in this Fire Plan, the Contractor shall comply with all applicable laws of the State of California. In particular, see California Public Resource Codes.
- B. Permits Required:** The Contractor must secure a special written permit from the District Ranger or designated representative before burning, welding or cutting metal or starting any warming fires. If contract requires Blasting and Storing of Explosives and Detonators, an Explosives Permit may be required pursuant to the California Health and Safety Code, Section 12101.
- C. Blasting:** Contractor shall use electric caps only unless otherwise agreed in writing. When blasting is necessary in slash areas, a Fire Patrolperson equipped with a size 0 or larger shovel with an overall length of not less than 46 inches and a filled backpack can (4 or 5 gallon) with hand pump shall remain in the immediate area for an hour after blasting has been completed.
- D. Smoking:** Smoking shall not be permitted during fire season, except in a barren area or in an area cleared to mineral soil at least three feet in diameter. In areas closed to smoking, the CO may approve special areas to be used for smoking. The Contractor shall sign designated smoking areas. Contractor shall post signs regarding smoking and fire rules in conspicuous places for all employees to see. Contractor's supervisory personnel shall require compliance with these

rules. Under no circumstances shall smoking be permitted during fire season while employees are operating light or heavy equipment, or walking or working in grass and woodlands.

- E. **Storage and Parking Areas.** Equipment service areas, parking areas, and gas and oil storage areas shall be cleared of all flammable material for a radius of at least 10 feet unless otherwise specified by local administrative unit. Small mobile or stationary internal combustion engine sites shall be cleared of flammable material for a slope distance of at least 10 feet from such engine. The COR shall approve such sites in writing.
- F. **Reporting Fires:** As soon as feasible but no later than 15 minutes after initial discovery, Contractor shall notify Forest Service of any fires on Contract Area or along roads used by Contractor. Contractor's employees shall report all fires as soon as possible to any of the following Forest Service facilities and/or personnel listed below, but not necessarily in the order shown:

	Name	Office Address	Office telephone
Dispatch Center	Plumas Dispatch	159 Lawrence, Quincy, CA	530-283-7838
Dispatch Center	24-hr Emergency	159 Lawrence, Quincy, CA	530-283-0193
District Office	Beckwourth RD	23 Mohawk Hwy, Blairsden CA 96103	530-836-2575
CO	Michael Hall	422 N Mill Creek Rd, Quincy, CA mhall@frrcd.org	530-927-5299 408-564-2876 (cell)
COR	Julia Sidman	422 N Mill Creek Rd, Quincy, CA	530-927-5299 781-775-6878 (cell)

When reporting a fire, provide the following information:

- Your Name
 - Call back telephone number
 - Project Name
 - Location: Legal description (Township, Range, Section); and Descriptive location (Reference point)
 - Fire Information: Including Acres, Rate of Spread and Wind Conditions.
- **This contract ☒ requires, ☐ does not require, Section 5G of the Fire Plan.**
- G. **Communications:** Contractor shall furnish a serviceable telephone, radio-telephone or radio system connecting each operating side with Contractor's headquarters. When such headquarters is at a location which makes communication to it clearly impractical, Forest Service may accept a reasonable alternative location. The communication system shall provide prompt and reliable communications between Contractor's headquarters (or agreed to alternative) and Forest Service via commercial or Forest Service telephone.
- **This contract ☒ requires, ☐ does not require, Section 5H of the Fire Plan.**
- H. **Fire Patrolperson:** Contractor shall furnish a qualified fire patrolperson each operating day when Project Activity Level C or higher is in effect. When on duty, sole responsibility of patrolperson shall be to patrol the operation for prevention and detection of fires, take suppression action where necessary and notify the Forest Service as required. This Fire patrol is required on foot, unless otherwise agreed. By agreement, one patrolperson may provide patrol on this and adjacent projects. No patrolperson shall be required on Specified Road construction jobs except during clearing operations unless otherwise specified.

The Contractor shall, prior to commencing work, furnish the following information relating to key personnel:

<u>Title</u>	<u>Name</u>	<u>Telephone Number</u>
<u>Fire Supervisor</u>		
<u>Fire Patrolperson</u>		

- I. **Clearing of Fuels:** Contractor shall clear away, and keep clear, fuels and logging debris as follows:

Welding equipment and stationary log loaders, yarders and other equipment listed in California State Law:	10 feet slope radius
Tail or corner haulback blocks:	All running blocks shall be located in the center of an area cleared to mineral soil at least 15 feet in diameter.

Lines near, between or above blocks:	Sufficient clearing to prevent line from rubbing on snags, down logs and other dead woody material.
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6. EMERGENCY PRECAUTIONS

Contractor's Operations shall conform to the limitations or requirements in the Project Activity Level (PAL) table below. Project Activity Levels applicable to this project shall be the predicted activity levels for the Fire Danger Rating Area(s), or fire weather station(s) stated in the Contract Area Map Legend on Integrated Resource Service Contracts (IRSC's), and other contracts where applicable.

Fire Danger Rating Area/Fire Weather Station for Project

East Zone / Beckwourth RD
Coyote RAWS

The Forest Service, in its sole discretion, may change the predicted activity level if the current fire suppression situation, weather and vegetation conditions warrant an adjustment. If practicable, Forest Service will determine the following day's activity level by 6:00 PM. Contractor shall obtain the predicted Project Activity Level from the appropriate Ranger District Office before starting work each day.

Phone Number or Website to obtain Predicted Activity Levels:

1-800-847-7766

Forest Service may change the Project Activity Level Table to other values upon revision of the National Fire Danger Rating System. When Contractor is notified, the revised Project Activity Levels will supersede the levels in the Project Activity Level Table below.

PROJECT ACTIVITY LEVEL

Level	<i>Project Activity Minimum Requirements and Restrictions. Restrictions at each level are cumulative.</i>
A	Minimum requirements noted above in Sections 4 and 5.
B	1. Tank truck, trailer, or approved CAFS substitute shall be on or adjacent to the Active Landing.
C	1. When Hot Saws or Masticators are operating, a tank truck, trailer, or approved CAFS substitute shall be within ¼ mile of these operations. Effective communications shall exist between the operator and the Active Landing. 2. Immediately after Mechanical Operations cease, Fire patrol is required for two hours.
D	1. Immediately after Hot Saw or Masticator operations cease, Fire patrol is required for three hours. 2. No Dead Tree felling after 1:00 PM, except recently dead. 3. No burning, blasting, welding or cutting of metal after 1:00 PM, except by special permit.

Level	<i>Project Activity Minimum Requirements and Restrictions. Restrictions at each level are cumulative.</i>
Ev	<ol style="list-style-type: none"> 1. The following activities may operate all day: <ol style="list-style-type: none"> a) Loading and hauling logs decked at approved landings. b) Loading and hauling chips stockpiled at approved landings. c) Servicing equipment at approved sites. d) Dust abatement, road maintenance (Chainsaw use prohibited), culvert installation within cleared area, chip sealing, paving, earth moving or rock aggregate stock pile loading and installation (does not include pit or quarry development). e) Chainsaw and log processing operations associated with loading logs or other forest products at approved landings. 2. Hot Saws or Masticators may operate until 1:00 PM; provided that: <ol style="list-style-type: none"> a) A tractor or other equipment with a blade capable of constructing fireline is on or adjacent to the active landing or within ¼ mile of the operating equipment. This piece of equipment shall have effective communication with the Hot Saw or Masticator. b) Any additional restrictions specified by the Forest. 3. All other conventional Mechanical Operations are permitted until 1:00 PM. 4. Some operations may be permitted after 1:00 PM, on a case-by-case basis, under the terms of a PAL Ev Variance Agreement. Activities for which a Variance may be issued are: <ul style="list-style-type: none"> • Rubber Tire Skidding • Chipping on Landings • Helicopter Yarding • Fire Salvage <p>When approved by a Line Officer, a Variance Agreement can be implemented when the criteria specified in the agreement are met and mitigation measures are in place. This approval is good for ten (10) days unless cancelled sooner or extended by the Contracting Officer for an additional ten (10) days. Variance approval can be withdrawn at the sole discretion of the Forest Service. Variance approval is contingent on the 7-day fire weather forecast, fuel conditions, site characteristics, current fire situation, state of Contractor's equipment for prevention and suppression readiness, type of operation and social and community considerations etc. (See attached Project Activity Level Variance Agreement).</p>
E	<p>The following activities may operate all day:</p> <ol style="list-style-type: none"> 1. Loading and hauling logs decked at approved landings. 2. Loading and hauling chips stockpiled at approved landings. 3. Servicing Equipment at approved sites. 4. Dust abatement, road maintenance (chainsaw use prohibited) or loading stock piles and rock aggregate installation (does not include pit or quarry development). 5. Chainsaw operation associated with loading at approved landings. <p>All other activities are prohibited.</p>

Region 5 Project Activity Level (PAL) Ev Variance Application/Agreement

Project Name: Mohawk Valley Wildfire Resilience Project (2022-2025)

Contract Number: _____

Contractor Name: _____

Request #__, for period: _____

Units/Subdivisions Affected: _____

Location of operation:	
Slope	
Aspect	
Elevation	
Fuels on site	
Fuels in surrounding area	
7 Day PAL Outlook	
Short range predictions (Red Flags)	
Fuel Moistures	
Response time of suppression resources	
Potential for ignition	
RAWS location	
Current Fire Situation:	
Draw down information	
National Readiness Level	
Contractual considerations:	
Normal Operating Season	
Frequency of recent contract fires in area	
Type of operation	
Contractors past/current performance & equipment readiness	
Other site specific mitigation or precaution (i.e. Contractors proposals)	
Social & Community Considerations:	
Proximity of high value resources	
Sensitivity of location	
Proposed Actions:	
Description of Mitigation Measures:	
Remarks:	

Fire Management Officer Concurrence

Date

Line Officer Approval

Date

I have considered the above request and determined the specified mitigation measures or actions must be implemented to continue operations in Project Activity Level Ev. Unless extended, the approval remains in effect for ten (10) calendar days unless cancelled sooner or extended by the Forest Service for an additional ten (10) days. At the sole discretion of the Forest Service, this variance can be modified and/or cancelled at no cost to the government.

Contracting Officer

Date

Contractor Representative

Date