

## **FIRE PLAN**

The Contractor shall be responsible for the cost of suppressing all fires caused by his operation, and for all damage to any property of the USDA Forest Service or third parties. The USDA Forest Service reserves the right to participate in extinguishing any fires caused by the contractor's operations and the contractor reimburse the USDA Forest Service for the cost of all suppression activities ordered or directed by the USDA Forest Service. The following requirements are a part of this solicitation and any resulting contract.

(1) Fire Prevention: During periods of contract performance, fire requirements shall be met by the contractor.

(2) Execution of Fire Plan:

(a) Forest Service personnel involved will, in all cases, coordinate through the Contracting Officer's Representative (COR) except in cases of emergency of Forest closure.

(b) The contractor shall designate a fire plan representative who shall be responsible for executing and carrying out the fire requirements.

(c) The contractor shall include the fire requirements in all subcontracts

(d) The contractor shall assure that all contract employees are informed of the existence and conditions of the fire requirements.

(3) Compliance Inspection:

(a) Inspection by the Forest Service will be made to insure compliance with fire requirements.

(b) Should any deficiencies appear during the inspection, the contractor will be informed and the

deficiencies shall be corrected within 24 hours. Activities with the potential to start fires shall be

halted until the deficiencies are corrected and the corrections approved by the COR.

(4) Fire Pre-suppression Requirements:

(a) Fire Toolbox

(1) During fire season, the Contractor shall furnish and maintain, at the contractor's expense, one fire toolbox at the campsite or some central location, as long as it is within ¼ mile of the location where the Contractor is currently performing work.

(2) The fire toolbox is to be maintained with tools in good condition in the following quantities for each five people in the Contractor's workforce. The equipment is for the sole source of firefighting. Four shovels, two axes, one pulaski, and five each 1-gallon canteens. Where needed, brushhooks and McLeod tools may be substituted for shovels or axes.

(3) The fire toolbox shall be replenished by the Contractor after each incidence of fire use.

- (a) Work-hours\_ At all times during closed fire season period, as specified by State law, the Contractor shall comply with each of the following provisions to the extent applicable to his operation under the contract. Unless the COR waives the requirement in writing.

The fire plan shall also specify additional measures and/or special requirements, such as Hoot Owl restrictions, necessary during periods of critical fire weather conditions.

When Hoot Owl restrictions are invoked, the Forest Service may curtail or shut down all or portions of a Contractor's operations. The following requirements may be imposed:

a. All high fire risk operations could be terminated at 1000 local time.

a. Patrolman may be required for a period of 2 hours after high fire risk operations and 1 hour after end of work shift. The Contractor shall provide the patrolman unless the contract is for equipment rental, in which case the Government will provide the patrolman.

### **Reference of Industrial Operations on last page of Fire Plan**

**Fire Extinguishers and Tools on Mobile or Stationary Equipment.** Each unit of powered equipment used in connection with this contract, including automobiles, trucks, tractors, etc., shall be equipped with serviceable tools and fire extinguishers as follows:

a. One - fire extinguisher, dry chemical type of not less than 2-1/2 pound capacity with 4 BC or higher rating.

b. One - shovel, round point #0 lady or equal.

c. One - water container (at least 1-gallon capacity), not required with stationary equipment.

**Spark Arresters.** Each internal combustion engine shall be provided with a spark arrester or spark arresting device approved by the Forest Service. Exceptions where the Forest Service may approve mufflers, or other equipment in lieu of spark arresters qualified and rated under Forest Service Standard 5100-1a, are: (a) small multiposition engines, such as chain saws, shall meet Society of Automotive Engineers J335b standards; (b) passenger-carrying vehicles and light trucks may have baffle-type mufflers with tail pipe; (c) heavy-duty trucks may have a vertical stack exhaust system and muffler, provided the exhaust stack extends above the cab of the vehicle. An exhaust-driven turbocharger is considered to be a satisfactory spark arrester. Internal combustion engine exhaust systems, arresters, and other devices must be properly installed and maintained.

**Powersaws.** For each powersaw used in connection with this contract, the following will be provided:

- a. One - shovel, round point #0 lady or equal. Shovel must be immediately available for use.
- b. One - Fire extinguisher, containing not less than 8 ounces of extinguisher fluid, or a dry chemical powder-type of not less than 1-pound capacity. The extinguisher must be immediately accessible to the saw operator at all times.

Any fueling or refueling of a powersaw shall only be done in an area which has first been cleared or is free of all material capable of carrying fire; powersaw shall be moved at least 10 feet from place of fueling before starting.

**Blasting.** Fuse or prima cord shall not be used unless authorized in writing by the COR with special precautions stated.

**Smoking.** Smoking shall not be permitted within the contract area except on surfaced or dirt roads, at landings, within closed vehicles, in camps, or at other posted places, and shall never be allowed while working or traveling on foot.

**Storage of Petroleum and Other Highly Flammable Products.** Gasoline, oil, grease, or other highly flammable material will be stored either in a separate building used exclusively for such storage, or at a site where all combustible debris and vegetation is cleared away within a radius of 25 feet. Fire extinguishers and/or sand barrels may be required at such locations specified by the Forest Service when unusually hazardous conditions exist.

**Debris Burning and Warming Fires.** Burning permits will be required for all debris burning fires. Lunch and warming fires may be allowed in fireproofed areas during periods of low fire danger if and as specified in the fire plan. Such fires must not be left burning unattended.

**Precautions for Stoves.** Stovepipes on all temporary buildings, trailers, and tents using wood burning stoves, will be equipped with roof jacks and serviceable spark arresters of mesh with openings no larger than 5/8 inch.

All stovepipes, inside and out, will not be closer than 2 feet from any wood or other flammable material or

1 foot if the combustible material is protected by a metal or asbestos shield.

**Welding.** Welding or use of cutting torches will be permitted only in areas that have been cleared or are free

of all material capable of carrying fire. Flammable debris and vegetation must be removed from within a minimum of 10 feet radius of all welding and cutting torch operations. A shovel and a 5-gallon standard backpack water container, (filled) with handpump attached, shall be immediately available for use in the event of a fire start.

**Fire Suppression.** The Contractor shall take independent action on the suppression of all fires in the work area

vicinity. Vicinity is defined as a 1/2 mile extension from the operations area boundary.

## Historical Data

The following data on the Forest area involved is to be provided for the contractor's information. The data will be based on records for the past 10 years.

Total fire season April 1 to September 20

Average number of days of Plan A	58
Average number of days of Plan B	35
Average number of days of Plan C	10
Average number of days of Plan D	12

Predicted Manning Class for the Fire Danger Rating Area	Industrial Fire Precaution Plan
0, 1, 2	A
3	B
4	C
5	D

Area closure proclaimed by the Forest Supervisor or Regional Forester.

Fire Precaution Plan	Description
A	Normal fire precaution. No fire guard required.
B	Designated areas for smoking, warming and cooking fires require a written permit. Contractor shall provide fire guard unless relieved of this responsibility in writing by the COR.
C	Shutdown from 12 noon until 8 p.m. MST (1-9 p.m. MDT) of all machine treatment of slash, blasting, welding, metal cutting, and clearing. No smoking, warming, or cooking fires permitted at any time. Powersaws shall be shutdown from 9 a.m. to 8 p.m. MST (10 am to 9 p.m. MDT). Operations on mineral soil involving road excavation, watering, grading, surfacing, rock crushing, and/or other equipment maintenance may continue.
D	Shut down on all operations, except operations on mineral soil involving road excavation, watering, grading, gravel surfacing and rock crushing may continue with a special Forest Service permit.