



**2016**

**WAGE & EQUIPMENT**

**RATES**

**FOR THE**

**WASHINGTON STATE**

**FIRE SERVICE**

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**PERSONNEL RATES**

<b>INCIDENT MANAGEMENT TEAM</b>			
	<b>Position</b>	<b>Regular</b>	<b>Overtime</b>
Type 1	Command and General Staff	\$ 31.44	\$ 47.16
	Unit Leader	\$ 23.06	\$ 34.58
	Managers and Trainees <b>(See #1)</b>	\$ 17.82	\$ 26.72
Type 2	Command and General Staff	\$ 26.20	\$ 39.30
	Unit Leader	\$ 23.06	\$ 34.58
	Managers and Trainees <b>(See #1)</b>	\$ 17.82	\$ 26.72
Type 3	Command and General Staff	\$ 25.00	\$ 37.50
	Unit Leader	\$ 23.06	\$ 34.58
	Managers and Trainees <b>(See #1)</b>	\$ 17.82	\$ 26.73
<b>OPERATIONS PERSONNEL</b>			
	<b>Position</b>	<b>Regular</b>	<b>Overtime</b>
FFT2	Firefighter Type 2	\$ 14.67	\$ 22.01
FFT1	Firefighter Type 1	\$ 17.82	\$ 26.72
SRB	Single Resource Boss (Engine/Crew/Dozer)	\$ 18.86	\$ 28.30
STL/TFL	Strike Team/Task Force Leader	\$ 23.06	\$ 34.58
STAM	Staging Area Manager	\$ 17.82	\$ 26.72
DIVS	Division/Group Supervisor	\$ 26.20	\$ 39.30
<b>OTHER POSITIONS</b>			
	<b>Position</b>	<b>Regular</b>	<b>Overtime</b>
AERO	Aerial Observer	\$ 18.50	\$ 27.75
AREP	Agency Representative	\$ 27.25	\$ 40.87
CAMP	Camp Helper	\$ 12.58	\$ 18.86
CTSP	Computer Technical Specialist	\$ 18.86	\$ 28.30
COOR	County Mobe Coordinator <b>(See #2)</b>	\$ 22.01	\$ 33.01
DRIV	Driver <b>(See #3)</b>	\$ 12.58	\$ 18.86
EMR	Emergency Medical Responder	\$ 14.67	\$ 22.01
EMTB	EMT Basic	\$ 18.86	\$ 28.30
EMTI	EMT Intermediate	\$ 19.91	\$ 29.87
EMTP	Paramedic	\$ 25.15	\$ 37.73
FBAN	Fire Behavior Analyst	\$ 24.10	\$ 36.16
HRSP	Human Resource Specialist	\$ 20.96	\$ 31.44
INBA	Incident Business Advisor	\$ 26.20	\$ 39.30
READ	Land Owner/ Resource Advisor	\$ 23.06	\$ 34.58
RADO	Radio Operator (Dispatcher)	\$ 14.67	\$ 22.01
SECM	Security Manager	\$ 17.82	\$ 26.72
PTRC	Time Recorder/Receptionist	\$ 14.67	\$ 22.01
WOBS	Weather Observer	\$ 14.67	\$ 22.01

**NOTES:**

- #1 Base Camp Manager  
Equipment Manager
- #2 Coordinator (Expanded)
- #3 Truck Driver (1 ton or less)  
Truck Driver (1-4 tons)  
Truck Driver (over 4 tons - CDL)

## POSITION REQUIREMENTS

It is the expectation that all personnel come qualified as ordered. On a wildland incident, an incident qualification card is required for Strike Team Leader trainee and above regardless of pay status (career vs volunteer). Volunteer personnel desiring reimbursement higher than FF2 will need to meet or exceed the standards as set out in PMS 310-1 and provide their qualification card. Trainee positions below Strike Team Leader will be paid at the highest level carded.

Personnel sent to a Mobilization incident must be:

- Minimum of 18 years old;
- Trained, qualified, and experienced in the positions for which they are mobilized;
- Fully equipped with required personal protective equipment (PPE) and safety equipment that meets the requirements for WAC 296-305 for the assignment they are ordered; and
- Physically conditioned and fit to perform the tasks assigned.

Wildland Response: At a minimum, line personnel shall meet all of the requirements and physical fitness qualifications for the position of NWCG Firefighter 2 or as specified in WAC 296-305-07010 and have completed the annual refresher and fire shelter training. Overhead positions must meet requirements as set forth in PMS 310-1 for the position they are ordered unless otherwise authorized by the Plan.

## COMPENSABLE TIME

### Travel Time

Travel time is calculated as the mileage from home agency to incident divided by 45mph; however it is understood that conditions vary (See Excessive Travel). Computer programs such as MapPoint or other similar mapping program will be used to determine mileage. This calculation takes into consideration rest breaks and fueling. Travel will be documented on a Crew Time Report (CTR).

Responding personnel are eligible for 2 hours of muster time prior to departing for assignment and 1 hour to place the equipment back into service upon arriving back at the home unit (see example below).

**Excessive Travel:** In those cases of excessive travel time, a CTR will be completed documenting the extra time (including the reason), signed by home unit Chief, and forwarded to the Mobilization Section. Submittal of additional time is not a guarantee of payment and is subject to review and approval.

### Travel by Ferry

For those resources that use a ferry to travel either to or from a Mobe deployment, the compensable hours will be calculated as outlined below. The ferry toll is not a reimbursable Mobilization cost. (See Section 17 – Apparatus Compensation for the guidelines that apply to equipment.)

#### **For those traveling to an island where the ferry is the only option:**

Travel time is calculated at the mileage from home agency to incident divided by 45 mph + 1 hour for personnel only to allow for waiting time and time on ferry.

#### **For those traveling to Kitsap County or Olympic Peninsula and taking the ferry as an alternate route:**

Travel time is calculated at the mileage from home agency to incident divided by 45 mph. There is no additional personnel compensation for riding on the ferry or waiting for the ferry. If

the ferry is faster than the hours credited, there will be no deduction of hours; however, if the ferry is slower there will be no additional credit of hours.

### **Time in assigned status (on-duty time)**

Assigned hours are those in which the employee is assigned to duty on the incident according to the shift plan. Assigned hours include reasonable time spent in preparation for work before and after the shift, travel to and from the assignment, time spent in assigned staging, briefings, check-in, and demobilization. Lunch breaks are considered on-duty time for personnel on the fire line only.

### **Standby Hours**

Personnel will be compensated for up to one operational period while waiting to be assigned. These hours are calculated for each 24-hour period after check-in for resources who have not been assigned to the incident. These hours do not apply to travel time to and from the incident.

### **Staging Hours**

When resources are assigned to staging for initial attack or emergency deployment to the field, all hours will be reimbursable. This condition requires the approval of the Operations Section Chief and the signature of the Division Supervisor on the crew time report.

### **NON-COMPENSABLE TIME**

Time when an individual is not on assigned duty and is free to leave the area.

1. Unscheduled hours for meals (breakfast and dinner).
2. Sleeping periods.
3. Time required for vehicle/equipment servicing or maintenance.
4. Crew change travel time (either direction). *See Section 16 - Plan*
5. Out-of-Service time (i.e., unit decommissioned or broken down), if crew was reassigned, it must be documented on the Crew Time Report.
6. Daily briefings - Only the Single Resource Boss and above will be compensated for attending unless other direction is provided by Operations or IC.

### **Incident Time Off**

Any incident personnel may request non-compensated time off from the incident, subject to the approval of the Incident Commander. The compensable time reported for the incident shall specifically indicate any such time off, and it shall not be compensable or reimbursable as an agency cost.

### **Support Personnel**

Fire agency costs for personnel working in a support role specific to the state fire mobilization effort, such as personnel responsible for coordinating the state mobilization effort (i.e., Regional Coordinators), are reimbursable provided such costs are above and beyond normal and usual fire agency cost. This does not include administrative support when calculating billing or reimbursement issues, or local and county coordinators.

### **Incident Support Personnel**

Those jurisdictions providing resources are not to send support personnel (i.e., paramedics or mechanics) with ordered resources. They will not be eligible for cost reimbursement, nor will they be given resource request numbers. Attempts to obtain resource request numbers for these personnel will be considered prima facie evidence of fraud (RCW 9A.60).

### Muster/Travel/Check-in Example

CREW TIME REPORT										
(1) CREW NAME <i>Central Region Strike Team # 2</i>					(2) CREW NUMBER <i>2105</i>					
(3) OFFICE RESPONSIBLE FOR FIRE <i>Rock Candy Mountain Fire</i>			(4) FIRE NAME <i>Rock Candy Mountain Fire</i>		(5) FIRE NUMBER					
RE-MARKS NO.	NAME OF EMPLOYEE	CLASSIFICATION	DATE <i>7/2/14</i>		DATE <i>7/3/14</i>		DATE		DATE	
			Military Time	Military Time	Military Time	Military Time	ON	OFF	ON	OFF
<i>M</i>	<i>Steve Jones</i>	<i>ENQB</i>	<i>13:00</i>	<i>15:00</i>						
	<i>Robert Smith</i>	<i>FF1</i>	↓	↓						
	<i>Jon Blackwell</i>	<i>FF1</i>	↓	↓						
<i>T</i>	<i>Steve Jones</i>	<i>ENQB</i>	<i>15:00</i>	<i>19:30</i>						
	<i>Robert Smith</i>	<i>FF1</i>	↓	↓						
	<i>Jon Blackwell</i>	<i>FF1</i>	↓	↓						
<i>C</i>	<i>Steve Jones</i>	<i>ENQB</i>	<i>19:30</i>	<i>20:00</i>						
	<i>Robert Smith</i>	<i>FF1</i>	↓	↓						
	<i>Jon Blackwell</i>	<i>FF1</i>	↓	↓						

(11) REMARKS  
*Muster & Travel to Rock Candy Mountain Fire  
C Check-in*

(12) OFFICER-IN-CHARGE (Signature) \_\_\_\_\_ (13) TITLE (Officer-in-Charge)  
(14) NAME (Person Posting to Emergency Time Report) \_\_\_\_\_ (15) DATE \_\_\_\_\_

361-101 STANDARD FORM 261 (5/78)  
Prescribed by USDA-USDI (NWSG Handbook No. 2)

### Excessive Travel Example

CREW TIME REPORT										
(1) CREW NAME <i>Central Region Strike Team # 2</i>					(2) CREW NUMBER <i>2105</i>					
(3) OFFICE RESPONSIBLE FOR FIRE <i>Rock Candy Mountain Fire</i>			(4) FIRE NAME <i>Rock Candy Mountain Fire</i>		(5) FIRE NUMBER					
RE-MARKS NO.	NAME OF EMPLOYEE	CLASSIFICATION	DATE <i>7/2/14</i>		DATE <i>7/3/14</i>		DATE		DATE	
			Military Time	Military Time	Military Time	Military Time	ON	OFF	ON	OFF
<i>D</i>	<i>Steve Jones</i>	<i>ENQB</i>			<i>11:00</i>	<i>13:00</i>				
	<i>Robert Smith</i>	<i>FF1</i>	↓	↓						
	<i>Jon Blackwell</i>	<i>FF1</i>	↓	↓						
<i>T</i>	<i>Steve Jones</i>	<del><i>ENQB</i></del>	<del><i>13:00</i></del>	<del><i>17:30</i></del>	<i>13:00</i>	<i>19:00</i>				
	<i>Robert Smith</i>	<i>FF1</i>	↓	↓						
	<i>Jon Blackwell</i>	<i>FF1</i>	↓	↓						
<i>R</i>	<i>Steve Jones</i>	<del><i>ENQB</i></del>	<del><i>17:30</i></del>	<del><i>18:30</i></del>	<i>19:00</i>	<i>20:00</i>				
	<i>Robert Smith</i>	<i>FF1</i>	↓	↓						
	<i>Jon Blackwell</i>	<i>FF1</i>	↓	↓						

(11) REMARKS  
*Demob, TVL & Rehab  
Add 90 minutes of TVL due to closure on Sequoia Pass for rock blasting - Chief J. Johnson 7/6/14*

(12) OFFICER-IN-CHARGE (Signature) \_\_\_\_\_ (13) TITLE (Officer-in-Charge)  
(14) NAME (Person Posting to Emergency Time Report) \_\_\_\_\_ (15) DATE \_\_\_\_\_

361-101 STANDARD FORM 261 (5/78)  
Prescribed by USDA-USDI (NWSG Handbook No. 2)

### WORK PERIODS

#### Work Rest and Length of Assignment

The Incident Management Team shall plan for and ensure that all personnel are provided a minimum of 2:1 work to rest ratio (for every 2 hours of work, provide 1 hour of sleep and/or rest). Shifts exceeding 16 hours, including travel shall be approved in writing by the Incident Commander in advance. Mitigation measures shall be employed to achieve compliance with the 2:1 work to rest ratio policies.

#### Initial and Extended Attack

Within the initial 48-hour period of a fire, initial attack and extended attack operations work to rest periods may vary in length. Full mitigation of the 2:1 work to rest ratio must be accomplished immediately following this period. This requires a minimum of 16 hours rest to be spread over the next 48 hours. Any shift in excess of 16 hours during this period requires Incident Commander's approval prior to working the shift.

## PERSONNEL COMPENSATED BY WSP

Fire agency personnel not compensated by their home agency who are mobilized under the Plan will be hired and paid as short-term “exempt” employees of the Washington State Patrol, Fire Protection Bureau. References to “temporary” firefighters are based on the short-term nature of the employment with the Washington State Patrol, Fire Protection Bureau, not their employment status under the Washington Administrative Codes.

Temporary employment status with the Washington State Patrol, Fire Protection Bureau begins:

- At the time state mobilization is declared for those resources already on the incident, or
- Upon mobilization or assignment to a responding state mobilization resource holding an authorized incident resource request number.

Mobilized personnel do not receive state:

- Insurance Benefits (exception: Industrial Insurance provided through L&I).
- Retirement.
- Vacation.
- Sick Leave.
- Personal Holiday.
- Holidays.

*Note: “Exempt” in this context refers to civil service law and does not have the same meaning as “exempt” under the Fair Labor Standards Act.*

Employment status with the Washington State Patrol, Fire Protection Bureau ends at the time that the demobilized resource arrives back at their home station and the equipment has been placed back into service (maximum time of 1 hour per person on the equipment).

**Rates:** Hourly rates will be paid as listed in the wage rate table.

**Regular Hours:** All hours up to 40 hours in a workweek. The workweek begins at the same time as temporary employment status as described above and continues for seven consecutive 24-hour periods.

**Overtime Hours:** All hours worked in excess of 40 hours each workweek shall be paid at one and one-half times the regular rate.

## **PERSONNEL COMPENSATED BY HOME AGENCY**

Fire agency personnel compensated by their home agency who are mobilized under the Plan will continue to be employees of that agency at all times. Fire agency reimbursement of personnel costs includes the following:

**Regular Hours:** All hours regularly scheduled at their home agency for personnel assigned to a mobilization incident. These hours will be calculated the same as the agency calculates their regular hours for days scheduled for duty at their regular hourly rate. (Example: 8, 10, 12, or 24 hours scheduled duty days.)

**Overtime Hours:** Overtime hourly rates for personnel assigned to a mobilization incident for overtime hours worked. Overtime hours are those hours not regularly scheduled to work at their home agency and are assigned on the incident action plan.

Compensable overtime hours are the same as those in **Time in assigned status (on-duty time)**.

**Backfill:** The fire agency will be reimbursed the overtime premium differential for positions that require replacement staff for those personnel assigned to mobilization. Only regularly scheduled hours are eligible for backfill consideration. (See example)

When a fire agency sends personnel who were scheduled to work, it may have a need to replace those personnel in order to provide support for those it protects. The term Backfill Personnel applies to those persons who come in on a non-scheduled work day and replace the person assigned to the Mobilization event.



**APPARATUS TYPING**

Type	Class	Minimum Personnel	Use	Pump Rate (GPM)	Tank Capacity (Gallons)
1	Engine	4	Structural	1,000 GPM	300 gallons
2	Engine	3	Structural	500 GPM	300 gallons
3	Engine	3	Wildland	150 GPM	500 gallons
4	Engine	2	Wildland	50 GPM	750 gallons
5	Engine	2	Wildland	50 GPM	400 gallons
6	Engine	2	Wildland	50 GPM	150 gallons
7	Engine	2	Wildland	10 GPM	50 gallons

Type	Class	Minimum Personnel	Use	Pump Rate (GPM)	Tank Capacity (Gallons)
1	Non-Tactical Tender	1	Support	300 GPM	4,000 gallons
2		1	Support	200 GPM	2,500 gallons
3		1	Support	200 GPM	1,000 gallons

Type	Class	Minimum Personnel	Use	Pump Rate (GPM)	Tank Capacity (Gallons)
1	Tactical Tender	2	Tactical	250 GPM	2,000 gallons
2		2	Tactical	250 GPM	1,000 gallons

**\*A Tactical Tender must be ordered as such and equipped as required to be paid as a Tactical Tender**

Type	Class	Minimum Personnel	Ladder/Aerial Height	Ground Ladders (A combination equaling)
1	Aerial/Ladder	4	Greater than 75 feet	115 feet
2		4	Less than 75 feet	115 feet

**Staffing Levels:**

Equipment responding to a Mobilization incident must be staffed at either the minimum or maximum level as identified above. Any resource that does not meet the minimum staffing requirements will be paid at the lower rate where the requirement has been met.

Initial attack resources are not required to meet minimum staffing for the purposes of compensation.

**Engines:**

Type	Base Rate	\$ 3.01	\$ 3.26	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51
		Between						
		\$ 3.25	\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75
1	\$ 130.00	\$ 131.50	\$ 133.00	\$ 134.50	\$ 136.00	\$ 137.50	\$ 139.00	\$ 140.50
2	\$ 115.00	\$ 116.50	\$ 118.00	\$ 119.50	\$ 121.00	\$ 122.50	\$ 124.00	\$ 125.50
3	\$ 80.00	\$ 81.50	\$ 83.00	\$ 84.50	\$ 86.00	\$ 87.50	\$ 89.00	\$ 90.50
4	\$ 60.00	\$ 61.50	\$ 63.00	\$ 64.50	\$ 66.00	\$ 67.50	\$ 69.00	\$ 70.50
5	\$ 60.00	\$ 61.50	\$ 63.00	\$ 64.50	\$ 66.00	\$ 67.50	\$ 69.00	\$ 70.50
6	\$ 60.00	\$ 61.50	\$ 63.00	\$ 64.50	\$ 66.00	\$ 67.50	\$ 69.00	\$ 70.50
7	\$ 40.00	\$ 41.50	\$ 43.00	\$ 44.50	\$ 46.00	\$ 47.50	\$ 49.00	\$ 50.50

**Aerials/Ladders:**

Type	Base Rate	\$ 3.01	\$ 3.26	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51
		Between						
		\$ 3.25	\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75
1	\$ 205.00	\$ 206.50	\$ 208.00	\$ 209.50	\$ 211.00	\$ 212.50	\$ 214.00	\$ 215.50
2	\$ 185.00	\$ 186.50	\$ 188.00	\$ 189.50	\$ 191.00	\$ 192.50	\$ 194.00	\$ 195.50

**Tenders: Non-Tactical**

Type	Base Rate	\$ 3.01	\$ 3.26	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51
		Between						
		\$ 3.25	\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75
1	\$ 89.00	\$ 90.50	\$ 92.00	\$ 93.50	\$ 95.00	\$ 96.50	\$ 98.00	\$ 99.50
2	\$ 82.00	\$ 83.50	\$ 85.00	\$ 86.50	\$ 88.00	\$ 89.50	\$ 91.00	\$ 92.50
3	\$ 55.00	\$ 56.50	\$ 58.00	\$ 59.50	\$ 61.00	\$ 62.50	\$ 64.00	\$ 65.50

**Tenders: Tactical**

Type	Base Rate	\$ 3.01	\$ 3.26	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51
		Between						
		\$ 3.25	\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75
1	\$ 100.00	\$ 101.50	\$ 103.00	\$ 104.50	\$ 106.00	\$ 107.50	\$ 109.00	\$ 110.50
2	\$ 95.00	\$ 96.50	\$ 98.00	\$ 99.50	\$ 101.00	\$ 102.50	\$ 104.00	\$ 105.50

**Apparatus:**

- Appropriate and serviceable units
- Equipped as required by home agency
- No additional payment for foam use
- All equipment is hired at a wet rate

**Minimum Guarantee Engines & Tenders:** A minimum of 5 hours of “working” time will be paid per 24-hour period for firefighting apparatus, even if actual hours worked (assigned) is less, provided that the apparatus is in service (response ready). This minimum “working” time provision does not apply to travel days to or from the incident.

**Command Vehicle:**

Type	Daily Guarantee	Base Mileage Rate	\$ 3.26	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51
			Between					
			\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75
SUV, Pickup	\$50.00	\$1.06	\$ 1.08	\$ 1.10	\$ 1.12	\$ 1.14	\$ 1.16	\$ 1.18
All Other	\$35.00	\$0.73	\$ 0.75	\$ 0.77	\$ 0.79	\$ 0.81	\$ 0.83	\$ 0.85

**Command Vehicles:** Paid mileage or the daily guarantee, whichever is higher.

**Compensable usage includes:** Travel to, from and use at the incident as appropriate. Command vehicle rates are applicable for field command positions, i.e., Operations Section Chief, Division/Group Supervisor, Strike Team Leader, etc. Other positions that incur fireline mileage may be eligible dependent on vehicle usage. Vehicle must be used for incident business to be eligible for daily guarantee or mileage.

**All Other Vehicles:**

**Personal or Agency Owned Vehicles:** Paid mileage only.

**Compensable usage includes:** Travel to and from the incident only.

**Rate Established:** Utilize the POV Mileage Rate as set by the Washington State Office of Financial Management (<http://ofm.wa.gov/resources/travel.asp>)

**Haz-Mat and/or Technical Rescue Vehicle:**

Type	Hazardous Material or Technical Rescue Unit with Supplies and Equipment	Daily Rate	Reimbursement for Consumables
Towing Unit Only	None	Mileage	No
Trailer	Yes	\$ 500.00	Yes and damaged equipment
Truck	Yes	\$ 500.00	
Truck with Trailer	Yes	\$ 500.00	

**Communications Equipment and Support Units:**

Equipment Type	Daily Rate			
	Type 1	Type 2	Type 3	Type 4
Communications Unit	\$ 1,500.00	\$ 1,000.00	\$ 500.00	\$ 250.00

Refer to **Appendix L** of the Plan for Typing Requirements.

Equipment Type	Daily Rate
Repeater Kit	\$ 100.00
Radio Kit (Minimum 16 King radios w/clam shell & 24 PG batteries)	\$ 320.00

**MOBILE COMMAND POST**

Minimum Capabilities	Type 1	Type 2	Type 3	Type 4
<i>Daily Rate</i>	<i>\$1000</i>	<i>\$750</i>	<i>\$500</i>	<i>\$250</i>
Chassis	45'-53' custom trailer, bus chassis, conventional cab/van chassis, or diesel motorhome chassis with or without slide-out room	35'-40' motorhome chassis with or without slide-out room	25'-35' gas or diesel motorhome chassis, or custom trailer	Converted SUV or Travel Trailer or 25'-40' custom built trailer
Number of Console and/or Work Stations	6-10	4-6	2-4	1-2
Private Meeting Area for Command Staff	Yes	Yes	No	No
RF Communications	RF Communications with adjoining agencies, State agencies through mutual aid transceiver and any other frequencies	RF Communications with adjoining agencies, State agencies through mutual aid transceiver and any other frequencies	RF Communications with adjoining agencies, State agencies through mutual aid transceiver	RF Communications within jurisdiction and with adjoining agencies
Internet Access	High bandwidth capabilities via satellite such as INMARSAT or V-Sat	High bandwidth capabilities via satellite such as INMARSAT or V-Sat; Faxing through cell or satellite system (4800 bps)	Cellular system; Faxing through cell or satellite system (4800 bps)	Via cellular system (portable)

Computer/Server Capabilities	Same as Type 3	Same as Type 3	Hardwired and wireless LAN. Workstations should have Ethernet connection and 120 vac protected receptacle. All computer based software packages pre-installed.	Basic computer systems only (power source must be provided from outside the vehicle).
Equipment	High speed copier, fax machine, chairs, tables, office supplies	High speed copier, fax machine, chairs, tables, office supplies	High speed copier, fax machine, chairs, tables, nominal office supplies	Chairs, tables, nominal office supplies
Additional Equipment	<ul style="list-style-type: none"> <li>An additional \$100/day will be added to the daily rate for Plotters</li> </ul>			

All types should be capable of:

- Operating in an environment with little to no basic services, including no electrical service, no phone lines, and no cell towers.
- Providing own power generation and fuel supply to operate a minimum of 2-3 days without refueling.
- Sustaining long-term deployment as well as short-term responses.
- Facilitating communications between multiple agencies (Federal, State, County and Municipal).
- Minimal set up time.

***Equipment must be in actual operation performing eligible work in order for reimbursement to be eligible. Hired at a wet rate; labor costs of personnel are not included.***

**Mobile Command Post (Bus/Motorhome)**

Type	Base Mileage Rate	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51	\$ 4.76
		Between					
		\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75	\$ 5.00
1	\$ 3.50	\$ 3.65	\$ 3.80	\$ 3.95	\$ 4.10	\$ 4.25	\$ 4.40
2	\$ 3.00	\$ 3.15	\$ 3.30	\$ 3.45	\$ 3.60	\$ 3.75	\$ 3.90
3	\$ 2.50	\$ 2.65	\$ 2.80	\$ 2.95	\$ 3.10	\$ 3.25	\$ 3.40
4	\$ 2.00	\$ 2.15	\$ 2.30	\$ 2.45	\$ 2.60	\$ 2.75	\$ 2.90

### Tow Vehicle

Type	Base Mileage Rate	\$ 3.26	\$ 3.51	\$ 3.76	\$ 4.01	\$ 4.26	\$ 4.51
		Between					
		\$ 3.50	\$ 3.75	\$ 4.00	\$ 4.25	\$ 4.50	\$ 4.75
1	\$ 1.14	\$ 1.16	\$ 1.18	\$ 1.20	\$ 1.22	\$ 1.24	\$ 1.26
2	\$ 1.14	\$ 1.16	\$ 1.18	\$ 1.20	\$ 1.22	\$ 1.24	\$ 1.26
3	\$ 1.06	\$ 1.08	\$ 1.10	\$ 1.12	\$ 1.14	\$ 1.16	\$ 1.18
4	\$ 1.06	\$ 1.08	\$ 1.10	\$ 1.12	\$ 1.14	\$ 1.16	\$ 1.18

### Emergency Medical Service Units

Medical Certification ( Minimum)	Ambulance Equipped	Staffing Levels		
		EMR	EMT	Medic
<b>Line EMT or Paramedic</b> When an EMT or Paramedic is needed on the line with the crews that are actively working an incident the EMT's and paramedics must be equipped with medications and supplies appropriate for their level of certification per controlling MPD protocols.	No	N/A	Varies upon the request and mission	
<b>BLS Support</b> When the BLS service is needed in a camp, triage center, drug distribution point or to assist the MEDL where transportation is not needed or away from the line, and not needing transportation.  EMT's and Medics may be requested with or without an ambulance depending upon their assignment.	No	Varies upon the request and mission		
<b>BLS Support</b> When the BLS service is to provide first aid at a camp, triage center, drug distribution point or to assist the MEDL where an ambulance is needed.  BLS ambulance would be required to meet the equipment listed in Table A of WAC 246-976-300.	Yes  Hourly Rate \$56.00	Any combination of the following – minimum number needed is 2. 1 EMT + 1 EMR 2 EMT's		
<b>ALS Support</b> When the ALS service is requested for standing by or is actively engaged in patient care.  EMT's and paramedics must be equipped with medications and supplies appropriate for their level of certification per controlling MPD protocols.  It would be up to the MEDL to determine if the EMT or Paramedic meets this requirement.	Yes Transport Capable  Hourly Rate \$67.00	N/A	Any combination of the following – minimum number needed is 2.  1 EMT + 1 Medic 2 Medics	

**The Hourly Rate does not include personnel; personnel are reimbursed as outlined in Section 16 of the Plan.**

### Water Handling/Supply Cache

Type	Equipment	Daily Rate	Reimbursement for Consumables
Towing Unit Only	None	Mileage	No
Trailer	Refer to Appendix "O" of the Plan for a Water Handling/Supply Cache inventory listing. Less than complete inventory will reduce the Daily Rate.	\$ 500.00	Yes and damaged equipment

**Staffing:** One person to staff Cache, who is responsible for checking equipment in and out, maintaining inventory control. Expectation is that the vehicle/staff may be used for deliveries and errands.

### Dozers

Type	FHP Range	Daily Rate w/Operator	Daily Rate w/o Operator	Standard Method of Hire
1A	300+	\$ 3448.00	\$ 2605.00	<ol style="list-style-type: none"> <li>1. Wet rate.</li> <li>2. Daily Work Rate.</li> <li>3. One operator.</li> <li>4. Service Vehicle included in rate.</li> </ol>
1B	250 – 299	\$ 2820.00	\$ 2225.00	
1C	200 – 249	\$ 2136.00	\$ 1945.00	
2A	150 – 199	\$ 2002.00	\$ 1525.00	Net flywheel horsepower is for an engine operating under SAE conditions, with standard accessories: muffler, blower fan, air cleaner, water pump, lubricating pump, fuel pump and alternator.
2B	100 – 149	\$ 1741.00	\$ 1305.00	
3	Under 100	\$ 1550.00	\$ 1045.00	

**Note:** When a lowboy and another piece of equipment, such as a dozer, etc. are hired, and both pieces of equipment utilize the same operator, daily payment for the lowboy may be reduced. **(Does not match NIMS Typing for Dozers)**

### All-Terrain Vehicles (ATV)/Utility Vehicles (UTV)

Type	Daily Rate w/o Operator	Standard Method of Hire
ATV 4-Wheel Drive	\$ 70.00	<ol style="list-style-type: none"> <li>1. Dry Rate, without operator.</li> <li>2. Daily Rate.</li> <li>3. Hire only 4WD and 6WD vehicles</li> <li>4. Flat rate on the use regardless of hours operated.</li> </ol>
UTV 6-Wheel Drive	\$ 85.00	

**(No NIMS Typing for ATV's or Gators)**

### Portable Pumps

Type	Size	Minimum GPM	Pump Type	Daily Rate	Standard Method of Hire
1	6"	500	Volume, trailer mounted	\$ 250.00	<ol style="list-style-type: none"> <li>1. Dry Daily Rate is for each day (24 hours).</li> <li>2. Without Operator.</li> <li>3. There will be no payment for pumps unless the pump is hired through the resource order system.</li> </ol>
2	4"	250	Volume (trash)	\$ 80.00	
2	3"	250	Volume (trash)	\$ 60.00	
2	2"	250	Pressure	\$ 50.00	
3	1 1/2"	50	Pressure	\$ 20.00	

(Does not completely comply with NIMS Typing for Pumps)

### Farm Equipment – Agriculture Tractors

Type	HP Range	Hourly Rate w/Operator	Standard Method of Hire
1	500 +	\$ 292.00	<ol style="list-style-type: none"> <li>1. Wet Rate.</li> <li>2. Hourly Work Rate.</li> <li>3. One operator.</li> <li>4. Service Vehicle included in rate.</li> <li>5. Size/Weight Permits and pilot vehicle cost are part of the wet rate.</li> </ol>
2	450 to 499	\$ 281.00	
3	400 to 449	\$ 239.00	
4	350 to 399	\$ 225.00	
5	Under 350	\$ 217.00	

(No NIMS Typing for Farm Equipment – Agricultural Tractors)

### Farm Equipment – Disc

Type	Disc Size In Feet	Hourly Rate w/Operator	Standard Method of Hire
1	29 to 32+	\$ 42.00	<ol style="list-style-type: none"> <li>1. Pulled by Agriculture Tractor.</li> <li>2. Hourly Work Rate.</li> <li>3. One operator.</li> <li>4. Service Vehicle included in rate.</li> </ol>
2	26 to 28	\$ 40.00	
3	23 to 25	\$ 34.50	
4	20 to 22	\$ 28.00	
5	18 to 19	\$ 26.50	
6	15 to 17	\$ 22.50	
7	14 or Less	\$ 10.50	

(No NIMS Typing for Farm Equipment – Disc)



**Shop (Service) Trucks**

Rate With One Mechanic	Hourly Mechanic's Helper Rate	Standard Method of Hire
\$ 86.00	\$ 33.00	<ol style="list-style-type: none"> <li>1. All operating supplies.</li> <li>2. Wet Rate.</li> <li>3. Hourly work rate.</li> <li>4. One certified mechanic hourly.</li> </ol>

Shop (Service) Trucks are on a Region 6 contract. Non-contract Shop (Service) Trucks shall only be used as a last resort. **(No NIMS Typing)**

**Mechanic with Tools & Pickup**

Rate With One Mechanic	Hourly Mechanic's Helper Rate	Standard Method of Hire
\$ 58.00	\$ 33.00	<ol style="list-style-type: none"> <li>1. All operating Supplies, including fuel.</li> <li>2. One certified mechanic.</li> <li>3. Hourly work rate.</li> </ol>

Mechanic with Tools are on a Region 6 contract. Non-contract Mechanic with Tools shall only be used as a last resort. **(No NIMS Typing)**

**Light Towers (Trailer Mounted)**

Type	Daily Rate	Weekly Rate	Standard Method of Hire
Light Tower (mobile)	\$ 75.00	\$ 225.00	<ol style="list-style-type: none"> <li>1. Dry Rate</li> <li>2. Without operator</li> <li>3. Delivery/set up charges extra</li> </ol>

**Contract Fire Engines without a Current Contract:**

Contract Engine				Hourly Rate		Standard Method of Hire
Type	Minimum			Full Crew	Minus 1 member	
	Pump GPM	Tank Gallons	Staffing			
7	10	50	2	\$ 112.00	N/A	<ol style="list-style-type: none"> <li>1. All operating supplies, including fuel.</li> <li>2. No additional payment for foam use.</li> <li>3. Hourly work rate – unless have a <u>valid</u> contract – then honor the established rates.</li> <li>4. When a Type 3, 4 or 5 Engine has only 2 people, hourly payment is reduced by \$17 an hour.</li> </ol>
6	30	150	2	\$ 112.00	N/A	
5	50	400	3	\$ 140.00	\$ 123.00	
4	50	750	3	\$ 146.00	\$ 129.00	
3	150	500+	3	\$ 157.00	\$ 140.00	

Contract Fire Engines are on a Region 6 contract. Non-contract Fire Engines shall only be used as a last resort.

**Contract Tenders without a Current Contract: (Rates Shown Are Hourly Rates)**

Type	Minimum Tank Gallons	Hourly Rate w/Operator	Standard Method of Hire
1	5,000	\$ 120.00	<ol style="list-style-type: none"> <li>1. Paid at this rate if working on the line, not for use for dust abatement.</li> <li>2. No additional payment for foam use.</li> <li>3. Hourly work rate – unless have a <u>valid</u> contract – then honor the established rates.</li> <li>4. Water tenders staffed with one operator, if working two shifts, need a second driver.</li> <li>5. All operating supplies, including fuel.</li> </ol>
2	1,001 to 4,999	\$ 112.00	
3	1,000	\$ 80.00	

Water Tenders are on a Region 6 contract. Non-contract Water Tenders shall only be used as a last resort.

**CONTRACT WATER EQUIPMENT:**

1. Determine whether the unit is an engine or a tender.

**Engine:** Self-propelled unit with a suitable tank, pump, hose, nozzle, plus other accessories necessary to be a well-equipped independent unit, including minimum required hose and hand tools for fire protection. (See Engine/Tender Inventories/Accessories list on pages 23 & 24.)

**Water Tender:** Any ground vehicle capable of transporting 1,000 gallons or more of water. Tenders should be self-filling and have one of the following: 1) a transfer type pump; and/or 2) a quick dump valve.

2. **Engine Type:** Is determined by meeting both the minimum requirements (pump capacity [GPM] and tank capacity [gallons]). If an engine only meets one of the minimum requirements, engine is classified at the lowest minimum requirement met. For example: GPM is 70 and tank capacity is 200, the engine would be classified a Type 6; GPM is 20 and tank capacity 750, the engine would be classified Type 7; GPM is 70 and tank capacity is 750, the engine would be classified a Type 4.
3. **All-Wheel Drive Allowances:** Use the rate tables. Determine the appropriate rate by type of unit and tank capacity. If you specifically order 2-wheel drive units and all-wheel drive is not necessary, do not pay the all-wheel drive rate.
4. **Structural Fire Fighting Equipment:** No payment shall be made for structural firefighting equipment.
5. **Staffing Requirements:** (per hour operated)  
Type 6 and 7 engines require 1 engine leader and 1 firefighter.  
Type 3, 4 and 5 engines require 1 engine leader and 2 firefighters.  
A tender requires one operator.

Engines and tenders are not normally hired with more than the required number of operators/firefighters.

## **EQUIPMENT PAYMENT PROVISIONS**

All equipment hired by the Washington State Patrol will be paid according to the Washington State Chief Rate Schedule. If equipment is hired under contracted rates, a copy of the contract must be attached to the OF-286 - Emergency Equipment Use Invoice (EEUI). A W-9 form and DES Payee Registration must be completed at time of initial hire.

### **Rental Rates**

Pay Rates are listed in the rate tables. Transports licensed as common carriers are paid based on the tariff schedule. Pay for equipment rented at hourly rates accrues only when the equipment is under hire and on shift.

### **Equipment Not Listed**

Equipment not listed should be hired at rates listed in the current DNR Wage & Equipment Rates or the FEMA Rate Schedule. If the equipment is not listed in either of these rate tables, the rates should be rented at a reasonable negotiated rate. Reasonable means a rate comparable to that paid for equipment listed that is similar in type, size or function. If this is a Mobilization incident, negotiations should include at least the Incident Commander and the Finance Section Chief. The FSC must document the negotiation and it must be approved by the Mobilization Representative. Rates in the rate tables are for new, or like new, equipment.

### **Hire at Wet Rates**

Wet means the owners furnish all necessary fuel, maintenance and repairs due to ordinary use on an incident. Time for servicing and repair work is non-compensable. No rental will accrue during any period when equipment is inoperable. The cost of mechanical or other physical damage repair is deemed to be included within the cost of the wet rate; there is no reimbursement for these costs. If State Fire Mobilization fuels or services equipment on an incident, a deduction for these services must be made on the Emergency Equipment Use Invoice, OF-286. Fuel tickets and/or repair orders shall be attached to the OF-286.

Equipment/Apparatus hired will be used on: unimproved roads, steep, hilly, rocky terrain, and subject to extreme heat, dust, and smoky conditions.

### **Paid As Ordered**

Units are paid based on the resource order. If a unit has the ability to operate in an upgraded capacity, and the assignment requires the unit to operate in the upgraded capacity, the unit will be compensated at the appropriate rate and the resource order will need to be revised.

### **Time Recording**

The State Agent responsible for ordering and/or directing use of each piece of equipment shall keep time on an Emergency Equipment Shift Ticket rounded as follows:

- Hourly Rate - nearest quarter hour (i.e., 10:06 am = 10:15 am)
- Mileage Rate - nearest mile (i.e., 241.5 miles – 242 miles)

Record all time periods where the equipment is inoperable or unavailable.

All mileage, hourly or flat rate rental amounts will be kept on a daily basis. Mobilization and demobilization mileage/hours will be recorded separately.

The hours for all rented equipment shall be recorded on an Emergency Equipment Use Invoice, form OF-286. Make all entries on the OF-286 from a shift ticket signed by the Equipment Group

Supervisor, Division Supervisor or Operations Section Chief. Hours worked shall be verified by contractor's or contractor's representative's signature.

### **Time Under Hire**

The time under hire shall start at the time the equipment begins traveling to the incident after being ordered by State Fire Mobilization, and end at the estimated time of arrival back to the point of hire after being released, except:

- If equipment is brought to the fire, made available and subsequently hired, none of the travel is allowed.
- Equipment that fails the pre-use inspection and is not in safe and operable condition will not be reimbursed for travel and is not considered under hire.

No payment will accrue during any period that equipment is not in a safe or operable condition or when Contractor / Owner -furnished operator(s) is not available for the assigned shift or portions of the assigned shift. Reimbursement will be based on the hours the equipment was operational during the assigned shift, as documented in the Incident Action Plan.

#### **Example:**

*The assigned shift in the Incident Action plan was from 0600 to 1800 hours (12 hours) and the equipment was broken down from 0900 to 1800 hours (9 hours) during the assigned shift. Therefore, the unit would be paid for 3 hours. The Daily Guarantee would not apply.*

If the owner withdraws equipment and/or operator(s) prior to being released by the State, no further payment shall accrue and the owner shall bear all costs of returning equipment and/or operator(s) to the point of hire.

After inspection and acceptance for use, equipment and/or furnished operator(s) that cannot be replaced or equipment that cannot be repaired at the site of work within 24 hours may be demobed. The State will bear the costs of returning equipment and/or operator(s) to the point of hire as promptly as emergency conditions will allow.

### **On Shift**

On shift time for equipment hired by the hour includes time of actual work, time that equipment is held or directed to be in a state of readiness, and compensable travel (mobilization) that has a specific start and ending time. Transported equipment is not on shift while being transported and is not compensated for travel.

### **Fuel Cost Adjustment**

The Fuel Cost Adjustment (FCA) applies only to apparatus paid an hourly rate as indicated in this schedule. The FCA will provide agencies the ability to obtain reasonable relief from sudden and unforeseen increases in fuel prices which could significantly reduce an agency's ability to respond to an incident. The FCA will be calculated using published weekly fuel prices found at:

<http://www.eia.gov/oog/info/gdu/gasdiesel.asp>

The weekly price of diesel as posted every Monday is shown by Regions. The price for fuel that will be reimbursed by Mobilization will be the rate shown for the *West Coast less California*. To eliminate confusion, the price for diesel will be the only rate used, even if the vehicle operated runs on gasoline.

The Base Rate is predicated upon the price of fuel to be less than \$3.00 a gallon. To ensure that agencies are appropriately reimbursed, the hourly rate increases by the average fuel cost increase.

All Other Vehicles used for transportation from point of dispatch to the mobilization event and back will be reimbursed for mileage to and from only. The FCA does not apply.

### **Daily Guarantee**

Daily guarantee for equipment hired by the hour is noted in the rate tables. Daily minimum guarantee applies only to equipment hired at an hourly rate and on incidents that require extended attack. The daily minimum payment is used in lieu of standby rates for equipment rental. A daily minimum will be paid to provide fair compensation when an operator/owner makes equipment available for use, but the resulting use is less than expected during a calendar day. If compensated hours are more than the daily minimum listed, then actual hours worked are to be paid. If compensated hours are less than the daily minimum listed, then the daily minimum hours are paid. Interagency contracts may have a guarantee that is different from daily minimum listed in the rate tables. Read the contracts for detail.

### **Daily Rate**

Daily Rate payment will be made on a basis of calendar days (0001-2400). For fractional days, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours under hire.

### **Heavy Equipment/Transports**

When a lowboy and another piece of heavy equipment, such as a dozer, are provided with a single operator to operate BOTH pieces of equipment, adjustments to the payment amount will be made as follows: Dozer or other heavy equipment will be paid at the actual rate, and the transport rate will be reduced by \$462 per shift.

Only transport charges to haul-in and haul-out are eligible for reimbursement. Once the equipment is unloaded, the transport will be released unless otherwise directed in writing to remain. If the incident requires, transports may be hired for availability and equipment hauls.

### **Service Vehicles**

The rate of pay shown for heavy equipment includes service vehicles. No additional payment will be made for a service vehicle (or operator) that accompanies the heavy equipment to the incident.

### **Pilot/Flag Vehicle(s)**

The pay rate includes pilot/flag vehicles. No additional payment will be made for pilot/flag vehicles or operators.

## REQUIRED INVENTORY FOR CONTRACT ENGINES

### Accessories required if the pump is operated by an auxiliary engine:

- Sufficient extra spark plugs to replace all plugs in engine in any auxiliary pump engines used
- 1 - wrench, adjustable, 10"
- 1 - wrench, spark plug, unless the adjustable wrench is suitable for use with spark plugs
- 1 - pliers, slip joint, 6"
- 2 - quarts oil, crankcase, if engine is the type that requires crankcase oil
- 1 - screwdriver, blade type, 4"
- 1 - screwdriver, phillips type, 4"
- 2 - rope starters, if engine can be started with a rope
- 1 - gun, grease (filled), if the pump type requires periodic greasing

These accessories shall be stored on or near the pump in a suitable compartment or box. A list of the contents shall be posted inside the compartment or box and be visible when the storage compartment is open.

### Required Personal Protective Equipment and Clothing

- Boots, leather, lace-up type, minimum 8" high, with lug-type sole
- Hard Hat, PLASTIC, with chinstrap – 1 per person
- Gloves, leather - 1 pair per person
- Goggles – 1 pair per person
- Canteen, one-quart size - 1 per person
- Fire Shelters – 1 per person
- Flame Resistant Clothing (shirt and trousers)

### Personnel Requirements

- Minimum of 18 years old;
- Fully equipped with required personal protective equipment (PPE) and safety equipment (for a wildland event, need wildland gear); and
- Physically conditioned and fit to perform the tasks assigned.

### Mandatory Accessories For All Engines:

- Fuel to operate for 12 working hours
- 1 - suction screen to match capacity of pump
- 1 - spanner wrench, suitable to fit ALL sizes of hose supplied
- 1 - hose clamp
- 1 - compartment box for accessories with visible list of contents

### Minimum Engine Inventory:

**Hose:** 400' – 1-1/2"

**Pulaksi:** 2 each

**Backpack Pumps:** 2 each

**First Aid Kit:** 1 each, 5-person

**Double Male:** 1 each, 1-1/2" NH

**Double Male:** 1 each, 1" NPSH

**Gated Wye:** 4 each, 1-1/2" NH

**Shovels:** 2 each (size 0)

**Fire Hose Clamp:** 1 each

**Drinking Water:** 1 Gallon Canteen, filled

**Head Lamps:** 3 each (w/batteries)

**Double Female:** 1 each, 1-1/2" NH

**Double Female:** 1 each, 1" NPSH

**Reducers:** 4 each, 1-1/2" NH to 1" NPSH Male

**Nozzles:** Combination Fog/Straight Steam – 4 each, 1"

**Suction Hose with Screened Foot Valve or Strainer:** 24' of 2-1/2"

**Spanner Wrench:** Combination, 1 each, 1" to 1-1/2"

**Live Reel/Basket Hose:** 200', 1" NPSH  
**Adapters:** 2 each, 1-1/2" NF Female to 1-1/2" NPSH Male  
**Adapters:** 2 each, 1-1/2" NPSH female to 1-1/2" NH Male  
**Adapters:** 2 each, ¼ turn to 1-1/2" NH (1 Female and 1 Male)  
**Fire Shelter:** 1 per person (NFPA Approved)  
**Fuel:** to operate pump and engine (minimum 5 gallons)

**REQUIRED INVENTORY FOR CONTRACT TENDERS**

<b>Pump GPM:</b>	200gpm – all types
<b>Discharge Outlets:</b>	Type 1            2 each – 1-1/2" NH thread, 1 each – 2-1/2" NH thread Type 2 & 3       2 each, 1-1/2" NH thread
<b>Hose:</b>	All Types        200' – 1-1/2" NH thread 30' – 2-1/2" NH thread
<b>1" Combination Nozzle:</b>	All Types        1 each with 1-1/2" NH thread
<b>Suction Hose w/ Screened Foot Valve or Strainer:</b>	All Types        24'
<b>Adapters:</b>	All Types        2 each – ¼ turn 1-1/2" NH adapter (1 Female and 1Male) 1 each – 1-1/2" NH Double Male 1 each – 1-1/2" NH Double Female 1 each – 1-1/2" NH Gated Wye 2 each – 2-1/2" NH to 1-1/2"NH Reducer 2 each – 1-1/2" NH Female to 1-1/2" NPSH Male adapter

**Firefighting Tools:** (1 each)

- Shovel (size - 0)
- Pulaski
- Fire Shelter

**Mandatory Accessories Required to be with Each Tender:**

- Fuel to operate the pump and engine for 12 working hours
- 1 (one) suction screen suitable to match the capacity of the pump
- 1 spanner wrench, suitable to fit each size hose supplied, including suction hose
- 1 hose clamp
- 1 hydrant wrench

**The Following are Specific Safety Items Required for Vehicles:**

- Reflective flairs, 1 set of 3
- Fire extinguisher (4BC or better)
- Wheel chocks



### **Required Personal Protective Equipment and Clothing**

- Boots, leather, lace-up type, minimum 8" high, with lug-type sole
- Hard Hat, PLASTIC, with chinstrap – 1 per person
- Gloves, leather - 1 pair per person
- Goggles – 1 pair per person
- Canteen, one-quart size - 1 per person
- Fire Shelters – 1 per person
- Flame Resistant Clothing (shirt and trousers)

### **Personnel Requirements**

- Minimum of 18 years old;
- Fully equipped with required personal protective equipment (PPE) and safety equipment (for a wildland event, need wildland gear); and
- Physically conditioned and fit to perform the tasks assigned.

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