

**NATIONAL WILDFIRE COORDINATING GROUP (NWCG) HANDBOOK 2  
ROCKY MOUNTAIN COORDINATING GROUP**

**NATIONAL WILDFIRE COORDINATING GROUP (NWCG) HANDBOOK 2**

**INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK**

**CHAPTER 20 – ACQUISITION**

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**Digest:**

- No rate changes from 2012 for non-solicited equipment

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**Delegations of Procurement Authority**

Contracting Officers who receive assignments to incidents may sign up and administer agreements under their authority, as well as assist in administering the terms and conditions of Incident Blanket Purchase Agreements (I-BPAs), SF-1449 and Emergency Equipment Rental Agreements (EERAs), OF-294s, signed by other Contracting Officers. Changes or modifications to I-BPAs/EERAs shall be made by the Contracting Officer signing the original I-BPA/EERA. If a contractor reports to an incident with equipment that is not under the original agreement, the original Contracting Officer should modify the original agreement or the new Contracting Officer should issue an Incident-only EERA.

**Policy**

The rates included herein are the 90% VIPR rates and standard set rates payable for the equipment listed. Do not negotiate prices from the set rate unless there is an exceptional case. An exceptional case shall be approved and documented by the authorized Contracting Officer within their warranted authority. If the equipment offered is not in acceptable condition, do not put it under agreement.

Exceptions to the use of the standard rates are:

1. When circumstances require the signup of equipment not listed or at rates higher or lower than those listed.
2. When equipment is leased from commercial leasing firms.
3. When equipment is rented from a source that has a fully developed cost accounting system or established union agreement. When applicable, it shall be used for all equipment from that source. The agreement file should be documented to show how the rates were determined.

Equipment must meet all minimum NWCG and Rocky Mountain/Great Basin Geographic Area standards.

Contracting with agency employees for use of their equipment or services is prohibited unless the Contracting Officer can show that no other resources are available. If a contractual agreement is necessary with an employee, the Contracting Officer shall follow appropriate agency procedures for obtaining approvals for contracts with the employee. The agreement shall be established for that incident only.

**Contracting with relatives of agency employees shall also be discouraged because of the appearances of favoritism. Appropriate approvals shall be obtained following agency procedures if it is absolutely necessary to contract with relatives.**

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**Definitions**

1  
2  
3 1. Double Operator/Crew Rate. Equipment is staffed with two operators or two crews  
4 (one per shift). The double shift rate will apply any calendar day the equipment was under hire,  
5 including travel. There will be no compensation for a double shift unless a separate operator(s)  
6 and or crew(s) is/are ordered in writing for the second shift,

7  
8 2. Dry. The government furnishes all operating supplies after the equipment arrives at  
9 the incident.

10  
11 3. Emergency Equipment Rental Agreement (EERA). Used for incident only sign-up of  
12 equipment utilizing the OF-294 form.

13  
14 4. Fully Operated Rate. Fully operated rates set forth in this supplement are based on  
15 estimated increases of Service Contract Act (SCA) wages. Contractors are required to meet the  
16 prevailing SCA wage determination for the period. Equipment can be hired “wet” or “dry”.

17  
18 5. Incident Blanket Purchase Agreement (I-BPA). Preseason Agreements for incident  
19 support utilizing the SF-1449 form. This will replace the EERA for preseason sign-up of  
20 equipment.

21  
22 6. Local Resource. Those resources that are located within the response area for which a  
23 dispatch center is responsible.

24  
25 7. Normal Wear and Tear. Equipment use on an incident may include conditions which  
26 are harsher than non-incident use of the same equipment. Normal wear and tear is determined by  
27 the incident Procurement Unit Leader, Contracting Officer, or Successor Contracting Officer  
28 who originally signed the I-BPA/EERA based on the circumstances surrounding any alleged  
29 damage.

30  
31 Normal wear and tear may or may not include:

32  
33 a. Hoses that burst due to excessive pressure (PSI), old age, or deterioration of  
34 material during use.

35 b. Brush scratches on the body of the vehicle.

36 c. Punctures, tears, blisters, or destruction of tires and/or sidewalls due to rocks or  
37 sticks normal to the working environment.

38 d. It is anticipated that there will be wear on the paint on the inner and outer  
39 surfaces of the vehicle, top, sides, rails, and tailgate. There may also be chips  
40 from flying rocks and minor bumps and dents on both the sheet metal and the  
41 bumpers.

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1 e. Clogged air filters and oil filters from dust during off highway driving.

2 f. Damage or failure of shocks, brakes or power train (steering linkage and  
3 suspension) by either fatigue or part failure due to age, manufacturer defect or  
4 operator. Power train includes engine, clutch, transmission, transfer case,  
5 driveline, front and rear differentials, axles, wheels, and bearings.  
6

7 8. Operating Supplies. As noted on the agreement, operating supplies are provided  
8 either by the government or the contractor. When it is the government's responsibility to provide  
9 these supplies, but the contractor supplies them, reimbursement shall be made by the  
10 government. Use Block 27, Emergency Equipment Use Invoice (OF-286) to make this  
11 reimbursement. When the reverse is true and the government provides supplies that should be  
12 furnished by the contractor, a deduction for the value of the supplies shall be taken in Block 26  
13 of the invoice. Documentation of reimbursements and deductions shall be attached to the OF-  
14 286.  
15

16 9. Repair Rate. Pursuant to Clause 4 of the General Provisions of the Emergency  
17 Equipment Rental Agreement. The rate to be assessed for government-provided repairs shall be  
18 actual cost for parts and labor will be assessed at \$90/hour.  
19

20 10. Single Operator/Daily Rate. Equipment is staffed with one operator or crew. A  
21 normal shift is 12-16 hours long.  
22

23 11. Standard Rate. The rates established within this supplement are the standard rates  
24 throughout the Rocky Mountain/Great Basin Geographic Areas.  
25

26 12. Un-operated Rate. The un-operated rates are based on a government-provided  
27 operator.  
28

29 13. Virtual Incident Procurement (VIPR). A web-based incident procurement tool  
30 managed by the Forest Service to create I-BPAs for interagency use.  
31

32 14. Wet. The contractor furnishes all operating supplies.  
33

34 15. Work Rates. For equipment not shown in this supplement, the rates shall be  
35 negotiated taking into consideration wages (if hired fully operated), depreciation, taxes, storage,  
36 insurance, overhead, and profit. Local customary rates shall also be considered.

37 **INCIDENT AGENCY SERVICE AND SUPPLY PLAN**  
38

39 1. Incident Blanket Purchase Agreements/Emergency Equipment Rental Agreements.  
40 The Rocky Mountain and Great Basin Incident Business Committees shall develop and issue a  
41 schedule of standard rates for informal emergency equipment and vehicles as necessary. Use  
42 standard rates for equipment that is not issued as a contract under negotiated procedures.

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**SOURCES OF SUPPLY**

Use of agency and cooperator equipment shall be considered prior to ordering contract resources (priority to competed contracted resources), allowing for best value. National contract resources shall be utilized when the minimum requirements are met. The following national contracts are established for interagency use. These sources are mandatory for federal wildland firefighting agencies but are available for use by states and other federal agencies. See the National Interagency Mobilization Guide for ordering procedures. Contracts are available electronically at [www.fs.fed.us/fire/contracting](http://www.fs.fed.us/fire/contracting).

1. Airtanker services
2. Type I and Type II helicopter services
3. Aircraft services for transport and smokejumper transport
4. Portable retardant base equipment rental
5. Bulk retardant

6. Mobile Food and Shower Services. The administration of mobile food and shower contracts is the joint responsibility of the USDA-FS-NIFC Contracting Unit and the using agency. The incident Logistics Section Chief is designated in the contract as the Contracting Officer's Representative (COR) and as such, is authorized and responsible to administer the contract. The incident agency or IMT should order a certified Contracting Officer's Technical Representative (COTR) concurrently with the resource order for the food or shower unit. The COTR assists the Logistics Section Chief with contract administration duties.

The Local and National Interagency Fire Caches provide a wide variety of equipment at significant cost savings to the incident. For a listing of cache-provided equipment see <http://www.nwcg.gov/pms/pubs/catalog.htm> and contact the host agency for cache contact and ordering information. Common cache equipment examples include:

- Tables & Chairs
- Incident Team Kits
- Signs
- Batteries
- Plotters
- First Aid Stations & Kits
- Various Hoses, Nozzles, Valves & Couplings
- 2-Cycle & Bar and Chain Oil
- Office Supplies
- Gas & Propane Tanks

Give first priority to businesses within the local communities near the incident as a source for open market commercial purchases.

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1 **ACQUISITION METHODS**

2 **Government Charge Cards and Convenience Checks**

3

4 Government charge card holders and convenience check writers are responsible for maintaining  
5 proper records of purchases and adhering to incident agency policy. Government charge cards  
6 and convenience checks should not be used for processing Incident Blanket Purchase Agreement  
7 (I-BPA) or Emergency Equipment Rental Agreement (EERA) payments. Exceptions may apply;  
8 see Agency Policy for guidance on exceptions.

9

10 Commercial Invoice. Upon receipt of a commercial invoice from the vendor, payment should be  
11 made using a Purchase Card or Convenience Check. Use Invoices should not be created when a  
12 commercial invoice is the billing method in order to mitigate a potential duplication of payment.  
13 The following are required for payment: resource order, shift ticket, vendor name/address, date  
14 and time hired and released and a government official's signature as "services received." A  
15 commercial purchase cover sheet can be used to assist in tracking and reporting (See Exhibit 05).

16

17 In order to avoid duplicate payments, do not enter purchases made via government charge card  
18 or convenience check into the Time module of I-Suite. Cost will be captured in the Cost module  
19 of I-Suite.

20

21 For information regarding State Cooperator invoices please refer to the individual state's Chapter  
22 50 Supplement.

23 **Land Use and Facility Rental Agreements**

24

25 Temporary rental of property for emergency incident purposes requires an exceptional degree of  
26 good business judgment, including reasonable price determinations, and may only be negotiated  
27 by a warranted Contracting Officer operating within their warranted authority. In making the  
28 determinations as to price fairness, consideration should be given but not limited to the following  
29 items:

30

31 1. Fair market rental rates for the property in the area. Real estate firms may be able to  
32 assist in determining these fair market rates.

33

34 2. Costs to the property owner, such as moving stock, loss of rental fees from other  
35 sources, disruption and, cost of buying feed if applicable.

36

37 3. Alterations needed and who will make them.

38

39 4. Impacts on the property.

40

41 5. Costs of restoration, and who will do the restoration work.

42

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1           6. Duration of the rental, (emphasis should be on weekly or monthly rates), with a limit  
2 on total costs.

3  
4           7. A joint pre- and post-use inspection shall be made of the premises. Such inspection  
5 shall note all improvements and their condition, including items such as fences, buildings, wells,  
6 crops and road conditions.

7  
8           8. Water Rights

9  
10 Schools and other governmentally-owned facilities should be compensated for operating costs  
11 only, since these facilities are funded by the taxpayers through tax revenues.

12  
13 No-cost land use agreements are not binding or valid. If an agreement is established with  
14 consideration, the agreement is binding.

15           Examples of Land/Facility Restoration Considerations:

- 16           • Loss of crop/pastures  
17           • Re-seeding  
18           • Noxious Weeds  
19           • General clean-up  
20           • Re-sodding of athletic fields  
21           • Reconditioning floors  
22           • Pumping of septic systems  
23           • Mending fences

24  
25 When weekly or monthly rates are used, identify the actual day the week or month begins and  
26 ends, such as 7/15-7/22/yy, or 30 days beginning 7/15/yy and ending 8/14/yy. Payments for  
27 Land Use Agreements can be processed through I-Suite and the Hosting Agency or paid by  
28 convenience check through a government representative operating within both their procurement  
29 authority and their agency's convenience check payment guidelines/procedures. See the  
30 Appendix B Tool Kit of the Interagency Incident Business Management Handbook for an  
31 example of the Facility and Land Use Agreement and check list.

32  
33 For additional information on State Statutes regarding water rights for suppression actions refer to  
34 the local leasing specialists, Resource Advisor, or IBA.

35           **Incident Only Emergency Equipment Rental Agreements (EERA), OF-294**

36  
37 Point of hire for Incident-only EERAs is the incident. EERA is valid for the duration of the  
38 incident only.

39           **General Guidelines for Equipment Hire**

40  
41           Laws, Regulations, and Guidelines.

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1           1. Service Contract Act (SCA) Wage Determination. Federal Agencies shall apply the  
2           SCA to all rentals where service employees are used, except for owner/operators.  
3           Contractors are responsible for paying these rates. The Procurement Unit Leader shall  
4           post copies of the applicable Wage Determination, Service Contract Act, and Fair Labor  
5           Standards Act posters in a public location at each incident command post.

6           2. I-BPA. Use the generic I-BPA template found at  
7           <http://www.fs.fed.us/business/incident/solicitations> to establish EERAs. Typing from  
8           Method of Hire chart (Exhibit 23, Interagency Incident Business Management  
9           Handbook) can be accessed at:  
10          [http://www.nwcg.gov/pms/pubs/iibmh2/pms902\\_ch20\\_exhibits-1\\_201208.pdf](http://www.nwcg.gov/pms/pubs/iibmh2/pms902_ch20_exhibits-1_201208.pdf)

11          3. EERA Special Provisions. Special Provisions should apply to the specific equipment.

12          The following language should be added to the Special Provisions of **all** EERAs:

13           (a) EERA General Clauses

14           (b) Wage Determination (for equipment hired with operator).

15           (c) Credit Card required for fuel purchasing (as provided under Fuel Tender).

16           (d) FAR Clause for EERA

17           (e) All payments will be made by the incident agency. The payment office will be  
18           designated in block 9 of the Emergency Equipment Use Invoice (OF-286).

19           (f) Contractors shall not receive payment for the same piece of equipment under a  
20           daily rate from more than one jurisdictional agency during the same calendar day.

21           (g) There is no guarantee of time under hire or the hours of operation. Hours of  
22           operation are determined by the Incident Commander and documented in the IAP  
23           or provided verbally. For pay purposes refer to General Clauses 6 and 7.

24           (h) Mechanical repairs shall be made and paid for by the Contractor. The  
25           Government may, at its option, elect to make repairs when necessary to keep the  
26           resource operating. The cost of such repairs will be \$90 per hour plus parts, and  
27           will be deducted from payment to the contractor.

28          **When amending an EERA, (only to be performed by original contracting officer)**  
29          **insert the following under Special Provisions:**

30            “This agreement supersedes agreement # *(insert the number)* dated *(insert the*  
31            *appropriate date)*”

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1 4. Gross Vehicle Weight (GVW)/Gross Vehicle Weight Rating (GVWR). Equipment,  
2 which by law requires an operator to possess a driver's license to operate on a public  
3 highway, shall be licensed. The licensed gross vehicle weight GVW shall equal or  
4 exceed the weight of the vehicle fully loaded including operators and accessory  
5 equipment.

6 5. Commercial Drivers License. A valid Commercial Drivers License (CDL) is required  
7 for any equipment contracted by an I-BPA/EERA that falls under the CDL regulations.  
8 Most common requirements are as follows:

9 (a) A single vehicle with a gross vehicle weight rating (GVWR) of more than  
10 10,000 or 26,000 pounds depending upon the state's DOT requirements.

11 (b) A trailer with a GVWR of more than 10,000 pounds (if the gross combination  
12 weights rating is more than 26,000 pounds).

13 (c) A vehicle designed to transport more than 16 persons (including driver).

14 (d) Any size vehicle, which requires hazardous materials placards.  
15

16 For a complete listing, refer to the CDL Driver's Handbook or more information can be  
17 located at the following website: <http://www.fmcsa.dot.gov/>  
18

19 6. Operator Hour Limitations. Operator assignments should be on a scheduled rotation  
20 for each operational period if the equipment is working 24 hours per day. When  
21 equipment is used less than 24 hours per day and only one operator is provided, base the  
22 operator's schedule on an operational period allowing a minimum of 8 hours off duty  
23 between operational periods. All work/rest guidelines in the IIBMH apply.

24 7. Special Guidelines for Equipment Hire. For periods of work exceeding 14 days, the  
25 contractor, as a professional firefighting organization, shall follow the requirements for  
26 work/rest. The contractor has the responsibility to see that crewmembers are working  
27 safely and are rested.

28 8. Insurance Requirements. All commercial vehicles must meet the insurance  
29 requirements found in 49 CFR 387.7. It is the responsibility of the Contractor to ensure  
30 appropriate insurance coverage. Contractor should contact their local insurance provider  
31 to ensure they are covered for commercial services.  
32

33 9. DOT Requirements. All commercial motor vehicles must meet all DOT requirements  
34 found in 49 CFR 390 through 396. Please refer to website: <http://www.fmcsa.dot.gov/>.  
35

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**Hiring Methods**

**COMPETITIVE AGREEMENTS:** These items have been competitively solicited and should not be signed up pre-season or outside of the national solicitation process unless the Dispatch Priority List (DPL) has been exhausted. If that is the case, resources may be signed up on an Incident-Only EERA utilizing the specifications and terms and conditions in the national solicitation templates posted at: <http://www.fs.fed.us/business/incident/solicitations> . Also, utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>. Resources should be ordered in accordance with the National Mob Guide for these types of equipment. Priority for contracted resources shall be given to competed agreements over incident-only agreements, adhering to best value concept. Typing from Method of Hire chart (Exhibit 23, IIBMH) can be accessed at: [http://www.nwcg.gov/pms/pubs/iibmh2/pms902\\_ch20\\_exhibits-1\\_201208.pdf](http://www.nwcg.gov/pms/pubs/iibmh2/pms902_ch20_exhibits-1_201208.pdf).

**INFORMAL AGREEMENTS:** These items are non-competitive; equipment is signed up on a pre-season Incident Blanket Purchase Agreement (I-BPA), SF-1449 for non-VIPR equipment (i.e., hotels, vehicle rentals, meals, etc.).

**COMMERCIAL RESOURCES:** These items are commercial in nature and normally do not require pre-season agreements. Sources for these types of items should be kept in a source list in the service and supply plan. Payments may be via Government Charge Card/Convenience Check or Commercial Invoice. If an order exceeds micro purchase level, a government procurement instrument such as a purchase order or BPA must be used.

The enclosed Incident Blanket Purchase Agreement/Emergency Equipment Rental Agreement rates are effective from the date of approval or until superseded, pending any modifications resulting from the previous fire season, directives, and/or any changes in the applicable Service Contract Act Wages or marketplace realities.

Perform a new equipment inspection prior to assignment on an incident and upon reassignment to another incident.

**1. Aircraft Landing Fees (Commercial)**

Aircraft landing fees and tie down fees are normally paid by the aircraft contractor and reimbursed by the government through the terms of the aircraft contract. If it has been determined that the Contractor is not being reimbursed through contract, appropriate procurement tool must be in place prior to payment.

**2. Airports (Commercial)**

Use an Emergency Facilities and Land Use Agreement for temporary rental of airports. Some considerations when developing the agreement include: use of airport buildings, office space, internet access, crew staging, storage of supplies, and location of a fire retardant base. Since government owned facilities are funded by tax revenues, payment should be at a minimum.

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1  
2 If the airport use is to be more than temporary, such as to pre-position equipment at the start of  
3 the fire season, then a cooperative agreement or long term lease agreement may be appropriate.  
4 Consult agency policy on these types of agreements.  
5

6 **3. Ambulance (Informal or Commercial)**

7 Most ambulances are obtained through cooperative agreements with county or rural VFDs, or  
8 under an I-BPA/EERA with private companies.  
9

10 Ambulances are hired with contractor-furnished fuel, supplies, and medical personnel.  
11 Ambulances shall be staffed with one Paramedic and one EMT (or higher qualified) along with  
12 the appropriate Advanced Life Saving Equipment. If staffed with two qualified EMTs **ONLY**  
13 and no Paramedic, then a reduction in rate should occur. Ambulance must be certified to  
14 transport patients. Since the incident may need an ambulance at any time of the day or night, the  
15 rates established for ambulances shall be based on a 24-hour period. Patient transports are  
16 included in the established daily rates. Separate mileage compensation is not allowed. All  
17 supplies used will be replaced by the incident or the cost of those supplies will be added to final  
18 invoice. Contractor **must** furnish medical supply inventory upon arrival at incident for  
19 reimbursement purposes at the end of incident.  
20

21 *Requests for Non-escorted EMTs must meet the requirements in the current Interagency*  
22 *Standards for Fire and Fire Aviation Operations (NFES 2724/Redbook), Chapter 7;*

23 Personnel must have a minimum physical fitness level of "light". Must have adequate  
24 communications and radio training and completed the following training:

- 25 ➤ Introduction to Fire Behavior (S-190)
- 26 ➤ Firefighter Training (S-130)
- 27 ➤ Annual Fireline Safety Refresher Training

28 Deviation from this requirement must be approved in writing by the IC for other non-escorted  
29 support personnel involved in vehicle operations or other support functions on established  
30 roadways and working areas which pose no fire behavior threat.  
31

Daily Rate Single Shift	Daily Rate Double Shift	How to Hire
\$2250		Operator: Contractor (wet) Supplies: Contractor (wet)

32  
33 **4. ATV (Commercial, Informal, and Competitive)**

34 Utilize Government-owned sources before renting. Government shall provide fuel and oil.  
35 Three-wheel models are NOT acceptable. ATVs can be hired at commercial rate on commercial  
36 agreement without operator from vendor. For incident only signups utilize specifications and  
37 terms and conditions in the national templates posted at  
38 <http://www.fs.fed.us/business/incident/solicitations> . Also utilize the 90% rates posted at

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1 <http://www.fs.fed.us/business/incident/viprreports.php> . Allow for delivery charges. For UTV see  
2 Utility Vehicle definition.  
3

Daily rate	Delivery/Pick-Up	How to Hire
\$90	.48/mile	Operator: Government (dry) Supplies: Government (dry)

4  
5  
6 ATV-All Terrain Vehicles shall meet all standards established by specification or incorporated  
7 by reference and shall be maintained in good repair by the Contractor.  
8

9 **EQUIPMENT REQUIREMENTS**

10 **Equipment Typing:**

11  
12  
13 Categories: Single Seat ATV 4 wheel & 6 wheel (Gator)  
14

15 **Minimum Equipment Requirements:**

16  
17 **Mobilization and Demobilization:** Mobilization and demobilization rate should include  
18 all mobilization and demobilization expenses.  
19

20 All transportation vehicles shall be in sound mechanical condition with sufficient  
21 horsepower and mainframe configurations to ensure successful performance on roads and  
22 highways. All vehicles under this Agreement shall be able to be legally driven on  
23 highways under their own power and be able to travel at a minimum of 50 miles an hour.  
24

25 **Biobased Products:** This procurement requires the use of biobased products to the extent  
26 that such products are reasonably available, meet agency or relevant industry  
27 performance standards, and are reasonably priced. Where available, these products  
28 should first be acquired from among qualified products that fall under the umbrella of  
29 items designated through the Federal Biobased Products Preferred Procurement Program  
30 (FB4P). Information is available at: <http://www.biopreferred.gov/> .  
31

32 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
33 markings on private vehicles or property.  
34

35 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement  
36 shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight  
37 Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified  
38 vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection (49 CFR  
39 396.23).

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1  
2 **PAYMENT**  
3

- 4
- 5 • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
6 For fractional days at the beginning and ending of time under hire, payment will  
7 be based on 50 percent of the Daily Rate for periods less than 8 hours.
  - 8 • Payment will be made at the rate (daily, weekly, monthly) that is most  
9 advantageous to the government. For payment purposes, the payment  
10 computation will start over after each 7 day period and after the 30th day  
11 for any period of time under hire.

12 **5. Bus, Crew Carrying (Competitive)**

13 For incident only signups utilize specifications and terms and conditions in the national  
14 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
15 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>. If there is an immediate  
16 need to utilize a vendor that has not been through the preseason process, contact Terry Eller,  
17 National COTR, (828) 479-6431 for further guidance.  
18

19 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
20 trained/certified personnel, and supervision and management of those personnel, necessary to  
21 meet or exceed the Agreement specifications.  
22

23 **EQUIPMENT REQUIREMENTS**  
24

25 Equipment shall meet all standards established by specification or incorporated by reference and  
26 shall be maintained in good repair by the Contractor.  
27

28 **Minimum Equipment Requirements:**  
29

30 All equipment shall have:

- 31 1. School-type bus with capacity to carry a minimum of 22 adult passengers
- 32 2. One operator
- 33 3. Shall be 1977 or newer
- 34 4. Cargo areas will be constructed of durable materials that can safely and securely store  
35 firefighting equipment. The storage area shall be a minimum of 120 cubic feet and will be  
36 securely mounted to the body or frame of the vehicle. The use of roof racks mounted  
37 externally to the top of the bus for the storage of firefighter's personal gear or equipment  
38 is strictly prohibited under the terms of this agreement. Buses must be capable of  
39 providing a secure internal storage area for Firefighter's personal gear including redbags,  
40 day packs and web gear. The device will be engineered for the protection of the  
41 passengers, with no sharp edges or unfinished areas that may cause personal injury. The  
42 storage area as designed shall not block exits that allow for the safe egress of personnel.

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- 1 5. Due to the wracking nature of off-road personnel carriers, storage areas shall be  
2 constructed as to withstand shifting cargo. Storage areas may be constructed of heavy  
3 weight ballistic nylon that is reinforced with heavy webbing that encapsulates the load,  
4 but netting is not approved. If the storage area is a cage-like device then the frame shall  
5 be constructed of metal.
- 6 6. Buses employed under this agreement must be capable of transporting a minimum of  
7 5300 pounds which includes firefighters, personal gear, tools, and miscellaneous  
8 supplies. Note: Firefighting tools can include but are not limited to: chainsaws, drip  
9 torches, fuses, handtools, and bladder bags. Flammable/combustible liquids shall not be  
10 transported inside the vehicle with passengers and driver. Chainsaws (2 each with a  
11 minimum 28" bar), drip torches, mixture gas and fusees must be stored in an external  
12 compartment. Chase vehicles, hanging racks on the side of the bus and/or trailer hitch  
13 baskets are not acceptable.
- 14 7. The bus shall be configured to safely store the gear while maintaining all DOT required  
15 emergency exit openings. The internal or external storage space shall meet Federal Motor  
16 Carrier – Safety Regulations 392.62 (c) 1, 2, 3 Safe Operations.
- 17 8. The company name and vehicle identification number (Equipment ID) shall be displayed  
18 on the vehicle. Lettering on this shall be a minimum of two (2) inches in height.
- 19 9. The following documentation may be requested at any time for each bus:
  - 20 • Copy of current DOT operating authorities, permit numbers, and the name and  
21 location (state) of the issuing authority organization.
  - 22 • Current proof of safety inspections and insurance coverage shall be available at all  
23 times during usage of the vehicle.
  - 24 • All buses shall be capable of operating in an interstate capacity and shall meet the  
25 insurance requirements of DOT Regulation 49 CFR Part 387.33.
  - 26 • All offerors will be required to maintain their DOT Operating Authority.
  - 27 • Vendors shall comply with DOT Regulation 49 CFR Part 396, for inspection,  
28 repair, and maintenance.
  - 29 • Government may validate this information at website: [www.safersys.org](http://www.safersys.org) .
- 30 10. All buses are subject to a Government inspection upon dispatch and prior to passenger  
31 haul. Pre-use inspection of buses may be conducted at time of hire. The Bus Safety  
32 Inspection Checklist or the OF-296 “Vehicle/Heavy Equipment Safety Inspection  
33 Checklist” may be used.

**Personal Protective Equipment (PPE):**

- 34
- 35
- 36
- 37 • **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug  
38 type sole in good condition (steel toed boots are not recommended).
- 39 • **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- 40 • **GLOVES:** One pair of heavy-duty leather per person.
- 41 • **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).

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- 1           • HEARING PROTECTION: Use hearing protection whenever sound levels exceed
- 2           85 dB. Earphones (headset) required with radio shall have built-in hearing
- 3           protection.
- 4           • HEAD LAMP: With batteries and attachment for hardhat.
- 5           • NOTE: It is recommended that fireline personnel wear a short-sleeved t-shirt,
- 6           underwear, and socks under fire clothing and boots. T-shirts and underwear
- 7           should be 100% cotton or a 100% flame resistant blend of fibers. Socks should be
- 8           cotton, wool, or a blend of flame resistant fibers.
- 9

10 **Training/Experience:**

- 11
- 12           • RT-130 Annual Fireline Refresher including fire shelter.
- 13           • Commercial Drivers License (for transports, when required).
- 14           • All operators shall be able to operate the equipment safely up to the manufacturer's
- 15           limitations (i.e., experience working in steep terrain, timber, etc.)
- 16

17 **Additional Requirements Bus, Crew Carrying:**

- 18           1. Each bus shall be licensed with the Department of Motor vehicles or other appropriate
- 19           agency. If the bus is operating on apportioned plates, a copy of the cab card showing the
- 20           states the vehicle is licensed in is required to be with the vehicle. Exceptions are not
- 21           allowed.
- 22           2. All transportation vehicles shall be in sound mechanical condition with sufficient
- 23           horsepower and mainframe configurations to ensure successful performance on roads and
- 24           highways, or in terrain described in these specifications. All vehicles under this
- 25           Agreement shall be able to be legally driven on highways under their own power and be
- 26           able to travel at a minimum of 50 miles an hour.
- 27           3. All drivers of commercial vehicles shall adhere to Federal Motor Carriers Administration
- 28           “Hours of Service”. At time of dispatch all drivers shall be able to operate up to the
- 29           maximum hours of service.
- 30           4. Tires shall have loading rating in accordance with the vehicle Gross Vehicle Weight
- 31           Ratings (GVWR). All tires on the vehicles, including the spare tire if required, shall have
- 32           sound sidewalls, body and tire tread depth of a minimum of 2/32 inch for rear tires and
- 33           4/32 inch for steering axle tires.
- 34

35 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or

36 markings on private vehicles or property.

37

38 **Driver Hour Limitation:** The following Driver Hour limitations shall apply:

- 39           • No driver will drive more than 10 hours (behind the wheel/actual driving
- 40           time) within any duty-day.
- 41           • Multiple drivers in a single vehicle may drive up to the duty-day limitation
- 42           provided no driver exceeds the individual driving time (behind the
- 43           wheel/actual driving time) limitation of 10 hours.

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- A driver shall drive only if they have had at least 8 consecutive hours off duty before beginning a shift.

**PAYMENT**

- **GUARANTEE, or MINIMUM DAILY GUARANTEE** - For each calendar day the resource is under hire for at least 8 hours, the Government will pay not less than the minimum daily guarantee. If the resource is under hire for less than 8 hours during a calendar day, the amount earned for the day will not be less than one-half the minimum daily guarantee.
- Payment will be made for the mileage rate, or the guarantee, whichever is greater.

**6. Bus, Motor Coach (Commercial)**

Hired strictly for transporting firefighters either to or from the Incident Command Post (ICP) and are not under the control of the ICP organization and may not be held at the ICP. **There is no preseason sign-up of motor coaches.** Motor coaches and other commercial over-the-road passenger carriers shall be commercially contracted and procured locally, and shall be paid by government charge card.

**7. Bus, School Type (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>. Use local school district buses and school furnished drivers only if DPL is exhausted and a private commercial source is not available within a reasonable distance. Government shall furnish all operating supplies. When signing up local school district buses hired for incident only include the following statement on the Emergency Equipment Rental Agreement (EERA), accompanied by the signature of the determining officer:

**"The buses listed herein shall serve as representation by the government that suitable commercial bus transportation is not reasonably available."**

Cover the name of the school or school district prior to use.

Schools and other governmentally-owned buses should be compensated for operating costs only, since the equipment is funded by taxpayers through tax revenues. Pay from invoice for actual cost.

**NOTE:** It is very important that preseason BPA and commercial sources for buses are completely exhausted prior to using school district buses. Many school districts do not require bus driver medical certificates for transporting school children. However, once the bus is ordered for the incident it becomes commercial and some states do require a medical waiver certificate

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1 for the drivers. Prior to utilization of school buses contact your respective State's Department of  
2 Transportation (DOT) for current rules and regulations regarding school buses.

3  
4 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
5 trained/certified personnel, and supervision and management of those personnel, necessary to  
6 meet or exceed the Agreement specifications.

7  
8 **EQUIPMENT REQUIREMENTS**

9  
10 Equipment shall meet all standards established by specification or incorporated by reference and  
11 shall be maintained in good repair by the Contractor.

12  
13 **Minimum Equipment Requirements:**

14  
15 All equipment shall have:

- 16 1. 16 person minimum capacity (Type A-2 or B-2 body configuration), 32 person maximum  
17 capacity.
- 18 2. Compliant with state and federal DOT. The following documentation may be requested at  
19 any time for each bus:
- 20 • Copy of current DOT operating authorities, permit numbers, and the name and  
21 location (state) of the issuing authority organization.
  - 22 • Current proof of safety inspections and insurance coverage shall be available at all  
23 times during usage of the vehicle. Any bus used in interstate transportation shall  
24 meet the insurance requirements of DOT Regulation 49 CFR Part 387-33.
- 25 3. Vendors shall comply with DOT Regulation 49 CFR Part 396, for inspection, repair, and  
26 maintenance. Government may validate this information at website: [www.safesys.org](http://www.safesys.org) .
- 27 4. \$5 million of liability insurance per CFR 49 Part 387.33.
- 28 5. Provide driver and all operating supplies.
- 29 6. All buses are subject to a Government inspection upon dispatch and prior to passenger  
30 haul. Pre-use inspection of buses may be conducted at time of hire. The Bus Safety  
31 Inspection Checklist  
32 [http://gacc.nifc.gov/wgbc/logistics/equipment\\_supplies/2008\\_bus\\_inspection.pdf](http://gacc.nifc.gov/wgbc/logistics/equipment_supplies/2008_bus_inspection.pdf) or the  
33 OF-296 "Vehicle/Heavy Equipment Safety Inspection Checklist" may be used.
- 34  
35

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**Personal Protective Equipment (PPE):**

- **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not recommended).
- **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- **GLOVES:** One pair of heavy-duty leather per person.
- **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).
- **HEARING PROTECTION:** Use hearing protection whenever sound levels exceed 85 dB. Earphones (headset) required with radio shall have built-in hearing protection.
- **HEAD LAMP:** With batteries and attachment for hardhat.

NOTE: It is recommended that fireline personnel wear a short-sleeved t-shirt, underwear, and socks under fire clothing and boots. T-shirts and underwear should be 100% cotton or a 100% flame resistant blend of fibers. Socks should be cotton, wool, or a blend of flame resistant fibers.

**Training/Experience:**

- RT-130 Annual Fireline Refresher including fire shelter.
- Commercial Drivers License (for transports, when required).
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.).

**Additional Requirements Bus, School Type:**

1. Each bus shall be licensed with the Department of Motor vehicles or other appropriate agency. If the bus is operating on apportioned plates a copy of the cab card showing the states the vehicle is licensed in is required to be with the vehicle. Exceptions are not allowed.
2. All transportation vehicles shall be in sound mechanical condition with sufficient horsepower and mainframe configurations to ensure successful performance on roads and highways, or in terrain described in these specifications. All vehicles under this Agreement shall be able to be legally driven on highways under their own power and be able to travel at a minimum of 50 miles an hour.
3. All drivers of commercial vehicles shall adhere to Federal Motor Carriers Administration "Hours of Service". At time of dispatch all drivers shall be able to operate up to the maximum hours of service.
4. Tires shall have loading rating in accordance with the vehicle Gross Vehicle Weight Ratings (GVWR). All tires on the vehicles, which including the spare tire, if required, shall have sound sidewalls, body and tire tread depth of a minimum of 2/32 inch for rear tires and 4/32 inch for steering axle tires.

**Prohibited Marking:** Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.

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**Driver Hour Limitation:** The following Driver Hour limitations shall apply:

- No driver will drive more than 10 hours (behind the wheel/actual driving time) within any duty-day.
- Multiple drivers in a single vehicle may drive up to the duty-day limitation provided no driver exceeds the individual driving time (behind the wheel/actual driving time) limitation of 10 hours.
- A driver shall drive only if they have had at least 8 consecutive hours off duty before beginning a shift.

**PAYMENT**

- **GUARANTEE, or MINIMUM DAILY GUARANTEE** - For each calendar day the resource is under hire for at least 8 hours, the Government will pay not less than the minimum daily guarantee. If the resource is under hire for less than 8 hours during a calendar day, the amount earned for the day will not be less than one-half the minimum daily guarantee.
- Payment will be made for the mileage rate, or the guarantee, whichever is greater.

**8. Chainsaw (Commercial)**

Available from a number of commercial sources. Rates should be the standard commercial rates.

**9. Chainsaw/Small Engine Repair (Commercial, Informal, Competitive)**

Chainsaw/Small Engine Repair Units can be hired at commercial rate on commercial agreement. For incident-only signups or if hired from a non-commercial entity informally, the standard daily rate is indicated below which can be used in conjunction with market research. When establishing an EERA or Informal BPA, utilize specifications and terms and conditions in the national template posted at <http://www.fs.fed.us/business/incident/solicitations>.

Size	Daily Rate Single Shift	How to Hire
Chainsaw/Small Engine Repair	\$1,000	Operator: Contractor (wet) Supplies: Contractor (wet)

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, trained/certified personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

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**EQUIPMENT REQUIREMENTS**

Chainsaw repair unit/trailer(s) and transportation vehicle(s) shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Minimum Equipment Requirements:**

All equipment shall have:

1. Fully self-contained unit (i.e. trailer). Must provide sufficient size and protective covering to successfully perform all duties, in all types of adverse conditions and inclement weather.
2. AC power source (i.e. generator, quiet type) that is adequate to provide sufficient power for all onboard and external systems (with a decibel rating no greater than 68 at 50 feet).
3. Extension cords.
4. Spyder box (if needed).
5. All necessary fuel (The Contractor is authorized to purchase fuel from the fuel vendor if provided at the incident, fuel vendors will be required to accept credit cards. Fuel supplied by the Government will be documented on the OF-304, Fuel and Oil Issue Tickets and copies of those fuel issues will be submitted to finance / vendor's use envelope).
6. Provide adequate covered customer service area, with at least 2 each, 6 ft. folding tables or equivalent.
7. Lighting: Sufficient to provide light all entrance ways, work areas, including customer service area.
8. Self-contained parts cleaner.
9. Air Compressor, with air tools and attachments.
10. Chain Breaker Tool; bench mounted.
11. Chain Rivet Spinner.
12. Chain: 200 feet. Chain must be compatible with Stihl and Husqvarna.
13. Chain Grinder(s): Electric
14. Parts Inventory: Miscellaneous chainsaw and portable pump parts and accessories.
15. Tools: Appropriate chainsaw and portable pump repair tools.
16. Maintain on-going tracking log of equipment serviced. Documentation sheets will include: person name requesting service, resource order number, and brief description of work to be done. If equipment is being dropped off include: date and time of drop off, serial number or other equipment ID for each piece of equipment being dropped off, and date and time of pick up. Contractor shall provide their own tracking log, but the contractor shall use government forms, if required by the government.
17. Provide a receipt to customers at time of equipment drop off.
18. Ability to order parts onsite from an off-site provider.
19. Normal repairs will be accomplished within 24 hours.

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- 1 20. Ability to accept credit cards for on-site purchasing of inventory parts needed for  
2 repairs and servicing of equipment rendered to other contract/vendor resources onsite.  
3 The Government will charge back to the vendor requesting repairs a labor fee of  
4 \$90.00/hour for any repairs rendered to other contract/vendor resources onsite.
- 5 21. Maintain invoicing and payment records for all equipment serviced for  
6 contracted/vendor resources. Include hourly labor rates (\$90.00) that the government  
7 will charge back to other contract/vendor resources onsite.
- 8 22. Reconcile all invoices on a regular/daily basis with Finance or other authorized  
9 government representative.
- 10 23. Be open for receipt and pickup of equipment and parts at a minimum of hours:  
11 0500- 0900 and 1600-2100 / day.  
12

13 **Training/Experience:**

14  
15 Vendor(s) are not required to complete RT-130 (Annual Fire Line Safety Awareness Training) as  
16 this job is performed in camp.  
17

18 **Additional Requirements Chainsaw/Small Engine Repair:**

19  
20 **Mobilization and Demobilization:** Mobilization and demobilization rate should include  
21 all mobilization and demobilization expenses.  
22

23 All transportation vehicles shall be in sound mechanical condition with sufficient  
24 horsepower and mainframe configurations to ensure successful performance on roads and  
25 highways. All vehicles under this Agreement shall be able to be legally driven on  
26 highways under their own power and be able to travel at a minimum of 50 miles an hour.  
27

28 **Biobased Products:** This procurement requires the use of biobased products to the extent  
29 that such products are reasonably available, meet agency or relevant industry  
30 performance standards, and are reasonably priced. Where available, these products  
31 should first be acquired from among qualified products that fall under the umbrella of  
32 items designated through the Federal Biobased Products Preferred Procurement Program  
33 (FB4P). Information is available at: <http://www.biopREFERRED.gov/> .  
34

35 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
36 markings on private vehicles or property.  
37

38 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement  
39 shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight  
40 Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified  
41 vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR  
42 396.23).  
43

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- DAILY RATE - based on up to a 16 hour shift, which includes fully operated equipment, delivery, pickup, servicing, and initial mileage to/from the site (one operator). Split shifts may apply in order to meet varying needs of the incident and vendor needs.
- Daily, with mileage (mobilization and demobilization).
- Additional Operator rate will be figured at 165% of daily rate if double shift is worked.

\*\*\*Additional Agreement Resource Information Required\*\*\*

Operator:

Mechanic/Technician Name:

Equipment:

Equipment ID = VIN#

Type of Equipment (Truck, Van, Trailer)

License plate #

License State:

**10. Chipper (Informal, Competitive or Commercial)**

Utilize specifications and terms and conditions in the national chipper template posted at: <http://www.fs.fed.us/business/incident/solicitations> . Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/viprreports.php> in conjunction with the standard rates below.

Size	Daily Rate Single Shift	How to Hire
Chipper (Wood) 20-40 HP	\$1,750	Operator: Contractor (wet)
Chipper (Wood) 41+ HP	\$1,950	Supplies: Contractor (wet)

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, trained/certified personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Chipper unit/trailer(s) and transportation vehicle(s) shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Equipment Typing:**

- Type 1 Chipper: 18 inch minimum diameter capacity
- Type 2 Chipper: 13-17 inch diameter capacity

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- 1 • Type 3 Chipper: 9-12 inch maximum diameter capacity
- 2     ○ All types must be equipped with an in-feed mechanism that operates in forward,
- 3     reverse and stop modes.
- 4     ○ Specify: Self-propelled or tow-behind.
- 5     ○ Optional: Boom feed if required.
- 6

7 **Training/Experience:**

- 8
- 9 • Contractor personnel are responsible for operating the equipment and feeding materials
- 10 into the chipper.
- 11 • RT-130 Annual Fireline Refresher including fire shelter is required. Nomex PPE will be
- 12 issued by the Government for use on the incident.
- 13 • The government reserves the right to verify training at any time for all operators.
- 14

15 **Minimum Equipment Requirements:**

16

17 **All Transportation Vehicles:** Shall be in sound mechanical condition with sufficient

18 horsepower and mainframe configurations to ensure successful performance on roads and

19 highways. All vehicles under this Agreement shall be able to be legally driven on

20 highways under their own power and be able to travel at a minimum of 50 miles an hour.

21

22 **Biobased Products:** This procurement requires the use of biobased products to the extent

23 that such products are reasonably available, meet agency or relevant industry

24 performance standards, and are reasonably priced. Where available, these products

25 should first be acquired from among qualified products that fall under the umbrella of

26 items designated through the Federal Biobased Products Preferred Procurement Program

27 (FB4P). Information is available at: <http://www.biopreferred.gov/> .

28

29 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or

30 markings on private vehicles or property.

31

32 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement

33 shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight

34 Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified

35 vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR

36 396.23).

37

38 **PAYMENT**

- 39
- 40 • On-Shift includes time worked, time that resource is held or directed to be in a
- 41 state of readiness, and compensable travel (resource traveling under its own
- 42 power) that has a specific start and ending time.

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- DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.

**11. Clerical Support Unit (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

Provide 24-hour office services capable of producing 400 copies of 40 pages, twice per day in three hours or less and basic word processing capability. Units shall be self-contained, with adequate supplies for at least seven (7) days, contain 36" format plotter capability, and be climate controlled. For all other services, the delivery date and time will be negotiated on a case-by-case basis between the vendor and the appropriate Incident Management Team personnel.

**EQUIPMENT REQUIREMENTS**

Equipment (Clerical Support unit and transportation vehicle(s)) shall meet all standards established by this specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Minimum Equipment Requirements:**

1. AC power source (generator) that is adequate to provide sufficient power for all onboard systems (with a decibel rating no greater than 68 at 50 feet).
2. All necessary fuel and power. (The Contractor is authorized to purchase fuel from the fuel vendor if provided at the incident, fuel vendors will be required to accept credit cards.)
3. Uninterruptable Power Supply (UPS) and line conditioner system.
4. Unit must meet Occupational Safety and Health Administration (OSHA) work environment requirements.
5. Wheel Chocks: Two (2) sets minimum, one set for each side of trailer (or unit).
6. Trailer stabilizer.
7. Awning: The awning is optional but if one is provided it shall be a workable standard trailer awning, minimum 14' length.
8. Windows: Windows are optional but if they are provided a minimum of two (2), 30" W x 26" H for natural lighting and air flow, (one in each work area).
9. Internal Lighting: Sufficient to provide adequate light for night time operations. In addition, all lighting for individual workstations can either be wall mounted or ceiling mounted as long as it produces a light level of 50 average maintained foot-candles at the working surface. This shall be maintained throughout the working space.

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- 1 10. Outside Lighting: Sufficient to provide light all entrance ways (two way directional  
2 security light).
- 3 11. Steps: If needed, to provide safe entry/exit from the trailer or unit.
- 4 12. All printers and plotters shall be networked with all network cables and power strips  
5 supplied.
- 6 13. Daily backup capability or redundancy needed of all data and products.
- 7 14. DVD/CD RW writer on each workstation.
- 8 15. Photocopiers (3):
  - 9 • Capable of producing 400 copies of 40 pages twice per day in 3 hours
  - 10 • Capable of producing booklet Incident Action Plan (IAP) ( 5½” Wide X 8½”  
11 Tall)
  - 12 • Capable of duplex printing
  - 13 • Capable of printing 200 copies of 30 pages of 11" x 17" map packets in 3 hours
  - 14 • Collating and stapling capability
  - 15 • Metered to document copy count
- 16 16. Printer, capable of color printing and up to 11" x 17"
- 17 17. Plotter:
  - 18 • 36" format
  - 19 • Non-GIS ready (HP Design Jet 1050 or better)
- 20 18. FAX Machine, Stationary:
  - 21 • Laser type, heavy duty, capable of 100 page memory
  - 22 • Capable of sending group fax to multiple numbers (12 or more)
- 23 19. Telephone capabilities (communication lines will be provided by the government and are  
24 for government work only):
  - 25 • Pre-wired for telephone use
  - 26 • Minimum (4) line capable
  - 27 • A single hook-up box shall be on the exterior of the Unit
- 28 20. Workstation with Computers (2):
  - 29 • 60 GB available for use
  - 30 • Compact Disc Read-Write drive
  - 31 • External Hard Drive
  - 32 • DVD- Read-Write Drive
  - 33 • Minimum of one available Universal Serial Bus (USB) Port, with an available 4-  
34 port USB Hub
  - 35 • Microsoft Office Professional software
  - 36 • Operating System: Windows XP S3 or better
  - 37 • Current Anti-Virus software installed

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- 1 21. Scanner, Color Flat Bed: Ability to scan documents with automatic document feed
- 2 capability
- 3 22. Staplers, Heavy/Light Duty
- 4 23. Hole Punch, Heavy Duty, 3-hole
- 5 24. Paper Cutter, 18"
- 6 25. Paper Shredder: ability to shred up to 12 sheets per pass into 7/32 strips up to 130 sheets
- 7 per minute
- 8 26. Comb binding capability
- 9 27. Laminator 8 ½" x 11" or bigger
- 10 28. Adequate supplies for one week deployment. Vendor shall have adequate source to
- 11 resupply materials.
- 12 29. White paper, no minimum but vendor is required to have enough to meet the needs
- 13 specified in 15a. above (400 copies of 40 pages, twice per day in three hours or less).
- 14 30. Color paper, (8 ½" x 11" and 11" x 17"), four (4) colors, one (1) ream each
- 15 31. All paper shall be a minimum of 30% recycled content.

16  
17 **Optional Item:** Internet Capability to establish a minimum level of service for satellite internet  
18 access and is for government use only:

- 19 1. Minimum bandwidth: 1.5Meg/s Download speed, 512kbps Upload speed
- 20 2. Dynamic IP addressing with port address translating or static ip addressing must allow at
- 21 least 40 internal concurrent host accesses.
- 22 3. The ability to support for 3DES IPsec tunneling is required to support end to end
- 23 solutions where remote access is needed.
- 24 4. Minimum Hardware: WI-FI Access Points: 802.11 A/B/G compatible with WEP key
- 25 encryption options
- 26 5. Browser administrated
- 27 6. Power over Ethernet capable
- 28 7. POE 8 port data switch

29  
30 **Incident Related Data:** All data used on the incident, and products produced, will be  
31 under the direction of the Planning Section Chief. No product or data shall be removed  
32 from the incident. Some data is sensitive in nature and shall be removed from all systems  
33 prior to demobilization.

34  
35 **Mobilization and Demobilization:** Mobilization and demobilization rate should include  
36 all mobilization and demobilization expenses.

37  
38 All transportation vehicles shall be in sound mechanical condition with sufficient  
39 horsepower and mainframe configurations to ensure successful performance on roads and

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1 highways. All vehicles under this Agreement shall be able to be legally driven on  
2 highways under their own power and be able to travel at a minimum of 50 miles an hour.  
3

4 **Biobased Products:** This procurement requires the use of biobased products to the extent  
5 that such products are reasonably available, meet agency or relevant industry  
6 performance standards, and are reasonably priced. Where available, these products  
7 should first be acquired from among qualified products that fall under the umbrella of  
8 items designated through the Federal Biobased Products Preferred Procurement Program  
9 (FB4P). Information is available at: <http://www.biopreferred.gov/> .  
10

11 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
12 markings on private vehicles or property.  
13

14 **Training/Experience:** Personnel shall be skilled in the use of Microsoft Office, and capable of  
15 performing basic word processing functions. The government reserves the right to verify training  
16 at any time for all operators.  
17

18 **PAYMENT**  
19

20 Payment will be made for the daily rate and price per copy.

- 21 • **DAILY RATE** - Payment will be made on basis of calendar days (0001 - 2400). For  
22 fractional days at the beginning and ending of time under hire, payment will be based  
23 on 50 percent of the Daily Rate for periods less than 8 hours.  
24 • **WORK RATE:**
- 25 ▪ **Copy** - Payment will be made for actual quantity of pages copied as ordered  
26 by the government.
  - 27 ▪ **Lineal Feet (LF)** - Payment will be made for actual quantity of lineal feet  
28 plotted as ordered by the government.
  - 29 ▪ **Each** - Payment will be made for the actual quantity of pages laminated or  
30 faxed, or books bound as ordered by the government.
  - 31 ▪ **Square Feet (SF)** - Payment will be made for actual quantity of square feet of  
32 custom sized lamination (other than 8½” x 11” or 11” x 17”) as ordered by the  
33 government.  
34

35 **12. Communications Trailer (Competitive)**

36 For incident only signups utilize specifications and terms and conditions in the national  
37 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
38 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.  
39

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1 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
2 personnel trained and/or certified to set up and/or demonstrate operation and/or repair the  
3 equipment, and supervision and management of those personnel, necessary to meet or exceed the  
4 Agreement specifications.

5  
6 **EQUIPMENT REQUIREMENTS**

7  
8 Equipment (Communications trailer and transportation vehicle(s)) shall meet all standards  
9 established by this specification or incorporated by reference and shall be maintained in good  
10 repair by the Contractor.

11  
12 **Minimum Equipment Requirements:**

13  
14 Contractor Provided Equipment:

- 15 1. Trailer, either cargo or camper style with minimum 20' length x 7' wide, excluding  
16 tongue. Space shall be partitioned to provide a separate space for radio operators.
- 17 2. Contractor to provide a technician capable of setting up and providing maintenance on  
18 the communications trailer and qualified to maintain and program provided equipment  
19 (i.e., radios, computers, etc.).
- 20 3. Air Conditioning Unit(s): Self-contained, climate controlled unit with air conditioning  
21 (air conditioned to maintain 70 to 75 F degree temperature in trailer).
- 22 4. Heating System: Sufficient to provide heating commensurate with the internal trailer  
23 dimensions, installed electric base board heaters or propane gas equivalent; no free  
24 standing heaters (heating system to maintain 70 to 75 F degree temperature in trailer).
- 25 5. Unit must meet OSHA work environment requirements.
- 26 6. Wheel Chocks: Two (2) sets minimum, one set for each side of trailer.
- 27 7. Trailer stabilizer.
- 28 8. Awning: The awning is optional but if one is provided it shall be a workable standard  
29 trailer awning.
- 30 9. Windows: Windows are optional but if provided they shall provide for natural lighting  
31 and air flow. An undamaged screen will completely surround the window area for  
32 windows that can open.
- 33 10. White boards: Three (3) each, recommend 36" L x 24" H.
- 34 11. Cork boards: Three (3) each: Recommend 36" L x 24" H, one each at each work  
35 station/work area.
- 36 12. Internal Lighting: Sufficient to provide adequate light for night time operations. In  
37 addition, all lighting for individual workstations can either be wall mounted or ceiling  
38 mounted as long as it produces a light level of 50 average maintained foot-candles at the  
39 working surface. This shall be maintained throughout the working space.

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1 13. Outside Lighting: Sufficient to provide light all entrance ways (two way directional  
2 security light).

3 14. Steps: If needed, to provide safe entry/exit from the trailer or unit.

4 15. Chairs: Provide a chair for each workstation, for a total of three (3) chairs. If the  
5 trailer is configured to have more than three (3) workstations, a chair for each  
6 workstation is required.

7 16. All equipment within the trailer shall be surge protected on all electrical, radio, and  
8 data devices.

9  
10 **Work Space:**

11 Workstations: Three (3) each desktop/countertop workstations, or work area large enough to  
12 accommodate three radio operator stations with chairs. The minimum individual desk top work  
13 space provided shall be 18” deep by 36” long, for each work station, [three (3) total]. Wired for  
14 phone with headsets at each workstation; wired into a labeled punch box mounted outside.

15 NOTE: IF a trailer is longer, then the work space provided in a longer trailer should be  
16 commensurate with these minimum requirements for work space.

17  
18 **Electrical Power Requirements:**

19 1. Minimum 120 Volt, 50 Amp AC service entrance with disconnect switch to master  
20 breaker.

21 2. AC 4-plex receptacles at all dispatch stations and work stations. No more than two (2),  
22 4-plex outlets for each 20 amp electrical breaker.

23 3. One (1) each – 20 foot, 50 Amp, AC service extension cable.

24 4. AC – 3 pin Twist-Lock to standard 3 pin adapters (20 amp service).

25 5. Battery Backup: DC (battery) backup with a minimum of 200 AH capacity for initial  
26 start-up and power outages. Battery shall have capacity to power all radio equipment for  
27 at least one operational period (one shift).

- 28 • Battery must have a master disconnect or breaker switch.
- 29 • Battery must be physically isolated from work area for personnel safety.
- 30 • Battery must be a sealed, non-ventilating type, such as gel-cell.

31 6. Charging System: DC charging system to maintain battery backup

32 7. Auxiliary Connection: Two (2) each Auxiliary 12 volt connection power points near  
33 radio equipment.

34 8. Power inverter: One (1) each DC to AC power inverter sufficient to operate three (3)  
35 laptop computers.

36 9. External Generator: One (1) each AC generator kit to include one (1) generator with a  
37 minimum output capacity of 6000 Watts (6Kw), grounding rod, clamp and cable, one (1)

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1 each five (5) gallon fuel container meeting all DOT safety specifications. Generator shall  
2 not exceed 65 dB(A), Sound Pressure Level @ 7 meters.

3  
4 **Radio and Electronic Equipment:**

5 1. All fixed radio equipment must be ready for immediate use upon arrival at the incident  
6 base facility or Incident Command Post (ICP), pending frequency programming.

7 2. The vendor must provide:

- 8
  - 9 • All radio frequency programming software and any necessary programming  
10 hardware.
  - 11 • Interface devices or personal computers required by the specific manufacturer  
12 make and model of radio equipment provided within the trailer unit.

13 3. VHF-FM P25 Digital Base Station consisting of a minimum of one (1) VHF-FM  
14 mobile radio(s). Each radio will have a desk mic or handheld mic with a speaker  
15 providing sufficient adjustable volume to be heard in a noisy working environment.  
16 Programming instructions for user and computer programming will be available.

17 Each radio will conform to the following requirements:

- 18
  - 19 • A P25 Digital VHF-FM two-way mobile radio, with a matched broadband  
20 antenna (Antenna Specialists ASPR7490, Maxrad MWB5803, or equivalent). The  
21 radio shall provide selection of analog wideband (25.0 kHz), analog narrowband  
22 (12.5 kHz), and P25 Digital narrowband (12.5 kHz), channel spacing on each  
23 channel operating from 148 MHz to 174 MHz. The radio shall be frequency-  
24 synthesized, equipped with a CTCSS sub-audible tone encoder having a minimum  
25 of 32 selectable tones meeting the current TIA/EIA-603 standard, and develop a  
26 minimum of 30 watts nominal output power.
  - 27 • Transceivers shall be set to operate in the narrowband mode unless local  
28 requirements dictate otherwise. All radios must have the ability to be programmed  
29 in the field by the radio operator without the aid of a computer or the services  
30 typically found in a radio shop.
  - 31 • All P25 digital radios will operate with current software as shown on  
32 [www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet.html](http://www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet.html). Software versions identified on  
33 this website by October 1st will be acceptable for the following year. The only  
34 exception is more up-to-date software versions as released by the manufacturer.  
35 P25 digital radios without a software version listing will be upgraded to the  
36 current version within six months of release by the manufacturer. As an example,  
37 Relm/BK Radio releases a new software version for their DMH radio on August  
1st. The above website lists this new software version on September 15th.  
Therefore, all DMH radios used for aviation must operate with this new software

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1 by January 1st. However, if the website did not list this new software until  
2 October 10th, the software would  
3 not be required until end of the following year.

4 4. UHF-FM Base Station: A minimum of one (1) UHF-FM mobile radio(s). The radio  
5 will operate from 406 to 420 MHz (minimum), have the capability for 10 (minimum)  
6 preset channels, provide a nominal power output of at least 30 watts minimum, and be  
7 user programmable without the need of a computer (although computer programming  
8 capability is also a requirement). Each radio will have a desk mic or handheld mic with a  
9 speaker providing sufficient adjustable volume to be heard in a noisy working  
10 environment. Programming instructions for user and computer programming will be  
11 available.

12 5. DC POWER TO RADIO EQUIPMENT: Provided by at least one (1) each 12 Volt  
13 power supply with an automatic backup switch or relay and have a minimum capacity of  
14 35 Amps

15 6. Base Station Antennas:

- 16 • VHF-FM – Broadband antenna (Antenna Specialists ASPR7490, Maxrad  
17 MWB5803, or equivalent). Note: Antennas supplied with new radios do not meet  
18 these requirements.
- 19 • UHF – Broadband antenna tuned to the proper frequency band for each required  
20 base station radio.
- 21 • At least two (2) magnetic mounted antennas with an 8 foot (minimum) RF cable  
22 for both the VHF-FM and UHFFM frequency bands are required.
- 23 • Antennas may be mounted on masts or mounted directly to the trailer. Antennas  
24 will be placed as far apart from each other as possible for frequency separation.  
25 Antennas may be detached from the trailer for transport.

26 7. RF CABLES: RF cable terminations will be accessible from both inside and outside  
27 the trailer. VHF cables shall be terminated with ‘UHF’ connectors. UHF cables shall be  
28 terminated with ‘N’ connectors. A selection of interseries adapters will be provided. All  
29 cables will be permanently labeled. In addition to the base station RF cables, there shall  
30 be an additional VHF cable from each work position to an outside jack box. All cables  
31 shall be RG-213, RG-8, or better cable.

32  
33 **Telephone/Internet Service/Access:**

34 1. One (1) each telephone service/customer entrance panel to accommodate a minimum  
35 of seven (7) pre-wired telephone jacks (RJ-11 all wired back to the RJ-66 surge protected  
36 punch down block, pre-wired telephone jacks installed as follows:

- 37 • one (1) for each workstation, so a total of three (3)

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- 1                   • two (2) external phone jacks mounted to the outside of the trailer
- 2                   • two (2) additional jacks located elsewhere in the trailer
- 3                   • seven (7) pre-wired internet ports (RJ-45), mounted either next to or adjacent to
- 4                   the seven (7) pre-wired telephone jacks.
- 5           2. Three (3) each telephone handsets (One near each work station or work area).
- 6           3. LAN system (not wireless) capable of providing service to each workstation.
- 7                a. Cat 6 (or better) ran to each workstation shall terminate at a patch panel located
- 8                inside the trailer for easy connection to a powered switch (i.e., LAN system)
- 9                b. Two (2) Cat 6 (or better) runs from the patch panel to two (2) RJ-45
- 10               connections in the entry panel.
- 11               c. Power over Ethernet switch with a minimum 8 port data switch.
- 12

13 Optional Item: Satellite or high speed internet connection which may be made available to  
14 support other units in the incident camp.

- 15           1. Minimum bandwidth: 1.5Meg/s Download speed, 768kbps Upload speed
- 16           2. Dynamic IP addressing with port address translating or static ip addressing must allow
- 17           at least 40 internal concurrent host accesses.
- 18           3. The ability to support for 3DES IPsec tunneling is required to support end to end
- 19           solutions where remote access is needed.
- 20           4. Minimum Hardware: WI-FI Access Points: 802.11 A/B/G compatible with WEP key
- 21           encryption options.
- 22           5. Browser administrated.
- 23           6. Power over Ethernet capable.
- 24           7. POE 8 port data switch.
- 25

26 **Additional Equipment:**

27 All in one fax, copier, scanner, printer, with two (2) reams of paper appropriate for the machine,  
28 for initial start-up. In addition to the consumables that come with that equipment at time of  
29 dispatch, one (1) additional set of consumables (i.e., toner, ink, or other supplies necessary to  
30 keep the all in one operable) is required. During the incident, all supplies (i.e., consumable items)  
31 will be purchased by the incident. The intent of this clause is to pass through to the incident the  
32 cost of the supplies listed above that are consumed during the incident. The vendor would leave  
33 the incident with the same supplies they arrived with (i.e., one (1) set of consumables such as  
34 toner, ink, or other supplies necessary to keep the all in one machine operable and two (2) reams  
35 of paper). If the consumable supplies are unable to be provided to the vendor before they depart  
36 the incident, the vendor can submit a claim for reimbursement (based on current catalog pricing).

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1       **All transportation vehicles:** Shall be in sound mechanical condition with sufficient  
2 horsepower and mainframe configurations to ensure successful performance on roads and  
3 highways. All vehicles under this Agreement shall be able to be legally driven on  
4 highways under their own power and be able to travel at a minimum of 50 miles an hour.  
5

6       **Biobased Products:** This procurement requires the use of biobased products to the extent  
7 that such products are reasonably available, meet agency or relevant industry  
8 performance standards, and are reasonably priced. Where available, these products  
9 should first be acquired from among qualified products that fall under the umbrella of  
10 items designated through the Federal Biobased Products Preferred Procurement Program  
11 (FB4P). Information is available at: <http://www.biopreferred.gov/>  
12

13       **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
14 markings on private vehicles or property.  
15

16       **PAYMENT**

- 17
- 18       • On-Shift includes time worked, time that resource is held or directed to be in a  
19 state of readiness, and compensable travel (resource traveling under its own  
20 power) that has a specific start and ending time.
  - 21       • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
22 For fractional days at the beginning and ending of time under hire, payment will  
23 be based on 50 percent of the Daily Rate for periods less than 8 hours.  
24

25       13. **Computers, Printers and Plotters (Competitive & Commercial)**

26 For incident only signups utilize specifications and terms and conditions in the national  
27 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
28 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.  
29

30       14. **Dozer (Crawler Tractor with dozer blade) (Competitive)**

31 For incident only signups utilize specifications and terms and conditions in the national  
32 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
33 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.  
34

35 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
36 trained/certified personnel, and supervision and management of those personnel, necessary to  
37 meet or exceed the Agreement specifications.  
38

39       **EQUIPMENT REQUIREMENTS**

40

41 Equipment shall meet all standards established by specification or incorporated by reference and  
42 shall be maintained in good repair by the Contractor.  
43

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**Equipment Typing:**

Dozer

- Type 3 - Min. 50 HP - 99 HP
- Type 2 - Min. 100 HP - 199 HP
- Type 1 - Min. 200 HP - 320 HP

Tractor Plows

- Type 3 - Min. 50 HP - 99 HP
- Type 2 - Min. 100 HP - 199 HP

**Minimum Equipment Requirements:**

1. An audible reverse warning device (backup alarm) of 87 decibel or greater measured at 5 feet behind and in the center of the equipment.
2. A fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag and the annual maintenance tag in regards to a 6 year annual inspection and every 12 years regarding a hydro test on all dry powder, metal fire extinguishers.
3. Shovel
4. US Forest Service-qualified spark arrester on all naturally aspirated engines
5. All factory guards shall be in place and in functional condition (i.e., engine compartment) (applicable for heavy equipment).
6. Radiator protection (applicable for heavy equipment)
7. Seat belts
8. Flashlight
9. Water, 1 gal drinking
10. 5-person first aid kit
11. Personal Protective Equipment: Contractor shall be responsible for ensuring all personnel arrive at the incident with the proper Personal Protective Clothing and Equipment as prescribed in the agreement. Contractor shall be responsible for ensuring the Personal Protective Equipment is operable and maintained in good repair throughout the duration of any assignment. Personal Protective Clothing will be maintained in good repair, and be cleaned at sufficient intervals to preclude unsafe working conditions. All personnel shall be wearing Personal Protective Clothing, including boots, upon arrival at the incident.

Contractor shall be responsible for ensuring that all personnel arrive with the following:

**Personal Protective Equipment (PPE):**

- **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not recommended).

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- 1           • HARD HAT: Hardhat meeting NFPA Standard 1977 is required.
- 2           • GLOVES: One pair of heavy-duty leather per person.
- 3           • EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).
- 4           • HEARING PROTECTION: Use hearing protection whenever sound levels exceed
- 5           85 dB. Earphones (headset) required with radio shall have built-in hearing
- 6           protection.
- 7           • HEAD LAMP: With batteries and attachment for hardhat.

8           NOTE: It is recommended that fireline personnel wear a short-sleeved t-shirt, underwear,  
9           and socks under fire clothing and boots. T-shirts and underwear should be 100% cotton  
10           or a 100% flame resistant blend of fibers. Socks should be cotton, wool, or a blend of  
11           flame resistant fibers.

12  
13 **Training/Experience:**

- 14           • RT-130 Annual Fireline Refresher including fire shelter.
- 15           • Commercial Drivers License (for transports, when required).
- 16           • All operators shall be able to operate the equipment safely up to the
- 17           manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)

18  
19  
20 **Additional Requirements for Dozers:**

- 21
- 22           1. Rollover Protective Structure (ROPS) meeting ISO 3471, ISO 8082, or SAE J 1040 is
- 23           required on all machines. A manufacturer's nameplate certifying the operator
- 24           enclosure or alternative documentation that the cab meets these provisions is required.
- 25           Modification of factory ROPS/FOPS (Cutting/Welding) and any aftermarket
- 26           ROPS/FOPS requires certification to ISO 3471, ISO 8082, or SAE J 1040.
- 27           2. Operator Protection. Shall meet all applicable Federal and State (the State where
- 28           equipment is registered) logging safety standards (per OSHA, 29 CFR 1910.266) and
- 29           must have operator protection, such as a Forestry cab package with wire mesh or
- 30           safety glazing that provides equivalent protection. Stand-alone safety glass does not
- 31           provide equivalent protection to wire mesh, however it may be used as part of the
- 32           window glazing system. Polycarbonate windows are not "glass" and may be
- 33           acceptable as a stand-alone window guard. Any machine cab meeting ISO 8084 or
- 34           SAE 1084 fulfills this requirement. The protective canopy shall be constructed to
- 35           protect the operator from injury due to falling trees, limbs, saplings or branches which
- 36           might enter the compartment side areas and from snapping winch lines or other
- 37           objects. The rear portion of the cab shall be fully enclosed with open mesh material
- 38           with openings of such size as to reject the entrance of an object larger than 2 inches in
- 39           diameter. The covering shall be affixed to the structural members so that ample
- 40           clearance will be provided between the screen and the back of the operator and shall
- 41           provide maximum rearward visibility. Open mesh shall be extended forward as far as
- 42           possible from the rear corners of the cab sides to provide the maximum protection
- 43           against obstacles, branches, etc., entering the cab area. Deflectors, which may be part

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- 1 of the cab, shall be installed in front of the operator area to deflect whipping saplings  
2 and branches. Deflectors shall be located so as not to impede visibility and access to  
3 the cab.
- 4 3. Lighting (2 rear, 2 forward). Lights shall be mounted to the equipment in such a way  
5 to provide protection from damage and provide illumination beyond the blade.
- 6 4. Underbody protection (belly pan, rock guards unless not recommended by  
7 manufacturer)
- 8 5. Cable blades ARE NOT ACCEPTABLE. See D.23, Exhibit A for definition.
- 9 6. Winch Minimum Standards. (If equipped)
- 10 • 50-100 HP - Minimum 30,000 lb. with a minimum of 50 feet of 5/8" cable  
11 • 101-139 HP - Minimum 50,000 lb. with a minimum of 50 feet of 3/4" cable  
12 • 140-179 HP - Minimum 60,000 lb. with a minimum of 50 feet of 7/8" cable  
13 • 180-320 HP - Minimum 80,000 lb. with a minimum of 50 feet of 1" cable  
14

15 **Additional Requirements for Tractor/Plows:**

- 16
- 17 1. Rollover Protective Structure (ROPS) meeting ISO 3471, ISO 8082, or SAE J 1040 is  
18 required on all machines. A manufacturer's nameplate certifying the operator  
19 enclosure or alternative documentation that the cab meets these provisions is required.  
20 Modification of factory ROPS/FOPS (Cutting/Welding) and any aftermarket  
21 ROPS/FOPS requires certification to ISO 3471, ISO 8082, or SAEJ 1040.
- 22 2. Operator Protection. Shall meet all applicable Federal and State (the State where  
23 equipment is registered) logging safety standards (per OSHA, 29 CFR 1910.266) and  
24 must have operator protection, such as a Forestry cab package with wire mesh or  
25 safety glazing that provides equivalent protection. Stand-alone safety glass does not  
26 provide equivalent protection to wire mesh, however it may be used as part of the  
27 window glazing system.
- 28 3. Polycarbonate windows are not "glass" and may be acceptable as a stand-alone  
29 window guard. Any machine cab meeting ISO 8084 or SAE 1084 fulfills this  
30 requirement. The protective canopy shall be constructed to protect the operator from  
31 injury due to falling trees, limbs, saplings or branches which might enter the  
32 compartment side areas and from snapping winch lines or other objects. The rear  
33 portion of the cab shall be fully enclosed with open mesh material with openings of  
34 such size as to reject the entrance of an object larger than 2 inches in diameter. The  
35 covering shall be affixed to the structural members so that ample clearance will be  
36 provided between the screen and the back of the operator and shall provide maximum  
37 rearward visibility. Open mesh shall be extended forward as far as possible from the  
38 rear corners of the cab sides to provide the maximum protection against obstacles,  
39 branches, etc., entering the cab area. Deflectors, which may be part of the cab, shall  
40 be installed in front of the operator area to deflect whipping saplings and branches.  
41 Deflectors shall be located so as not to impede visibility and access to the cab.
- 42 4. Lighting (2 rear, 4 forward). Lights shall be mounted to the equipment in such a way  
43 to provide protection from damage and provide illumination beyond the blade.

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- 1           5. Underbody protection (belly pan, rock guards unless not recommended by
- 2           manufacturer)
- 3           6. Drip Torch Carrier
- 4           7. Hydraulic Angle Blade
- 5           8. Plow - Minimum Standards
- 6           a. Plow Construction shall be compatible with Established Industry Design
- 7           Principles
- 8           b. Plow Points and Discs shall be of sufficient size and quality to accomplish the
- 9           construction of fireline under normal soil conditions
- 10           i. Standard Pull Behind Plow
- 11                 1. Fesco/Mathis, brand name or equivalent
- 12                 2. Minimum Plow Width wing tip to wing tip of 60"
- 13                 3. Swivel Type Drawbar Coupling
- 14                 4. Minimum Plow Depth of 12"
- 15                 5. Quick Coupling System for Hydraulic lines
- 16                 6. Hydraulic cylinder to raise and lower plow
- 17                 7. Minimum of 20 Ply Tires
- 18                 8. Plow Disc Thickness is 3/8" min. on 20" disc
- 19                 9. 3/8" inch Thick Coulter Blade
- 20           ii. Swing Axle Pull Behind Plow
- 21                 1. Fesco/Mathis, brand name or equivalent
- 22                 2. Minimum Plow Width wing tip to wing tip of 60"
- 23                 3. Swivel Type Drawbar Coupling
- 24                 4. Minimum Plow Depth of 20"
- 25                 5. Quick Coupling System for Hydraulic lines
- 26                 6. Hydraulic cylinder to raise and lower plow
- 27                 7. Minimum of 20 Ply Tires
- 28                 8. Plow Disc Thickness is 3/8" min. on 20" disc
- 29                 9. 3/8" inch Thick Coulter Blade
- 30           iii. Rear Tractor Mounted Plow
- 31                 1. Fesco/Mathis, brand name or equivalent
- 32                 2. Minimum Plow Width wing tip to wing tip of 60"
- 33                 3. 3/8" inch Thick Coulter Blade
- 34                 4. 1 ¼" Spring Rods
- 35                 5. Hydraulic Cylinder for Depth Control
- 36           9. Programmable Radio. A VHF-FM radio with a headset, boom microphone (mic), and
- 37           push-to-talk (PTT) capability. A handheld radio shall be available. A mobile radio is
- 38           acceptable as long as a handheld radio is also available. **Note: A programmable**
- 39           **radio is only required for the Tractor Plow.**
- 40           a. VHF-FM Mobile Radio
- 41                 i. VHF-FM two-way mobile radio, with a matched broadband antenna
- 42                 (Antenna Specialists ASPR7490, Maxrad MWB5803, or equivalent), shall
- 43                 be installed. The radio shall provide selection of either wideband (25.0

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1 kHz) or narrowband (12.5 kHz) channel spacing on each channel and  
2 operate from 148 MHz to 174 MHz. The radio shall be frequency-  
3 synthesized, equipped with a CTCSS sub-audible tone encoder having a  
4 minimum of 32 selectable tones meeting the current TIA/EIA-603  
5 standard, and develop a minimum of 30 watts nominal output power.

- 6 ii. Transceivers shall be set to operate in the analog narrowband mode unless  
7 local requirements dictate otherwise. All radios must have the ability to be  
8 programmed in the field by the radio operator without the aid of a  
9 computer or the services typically found in a radio shop.  
10 iii. The use of appropriate VHF-FM handheld radios with suitable output  
11 power booster units is permissible. See the below VHF-FM Handheld  
12 Radio section for handheld radio requirements.

13 Note: It is highly recommended that a programming "cheat sheet"  
14 accompany the dozer.

15 b. VHF-FM Handheld Radio

- 16 i. A VHF-FM two-way handheld radio operating from 148 MHz to 174  
17 MHz shall be carried by the operator. The radio shall provide selection of  
18 either wideband (25.0 kHz) or narrowband (12.5 kHz) channel spacing on  
19 each channel. The radio shall be frequency-synthesized, equipped with a  
20 CTCSS sub-audible tone encoder having a minimum of 32 selectable  
21 tones meeting the current TIA/EIA-603 standard, and develop a minimum  
22 of 1 watt nominal output power but no more than 10 watts nominal output  
23 power. Modified radios or Family Service Radios (FRS) are not  
24 acceptable.  
25 ii. Transceivers shall be set to operate in the analog narrowband mode unless  
26 local requirements dictate otherwise. All radios must have the ability to be  
27 programmed in the field by the radio operator without the aid of a  
28 computer or the services typically found in a radio shop.  
29 iii. When the above VHF-FM Mobile Radio requirement is met with the use  
30 of a VHF-FM Handheld Radio with output power booster, that handheld  
31 VHF-FM radio may be used to comply with this section as long as the  
32 handheld radio complies with all specified VHF-FM Handheld Radio  
33 requirements. The VHF-FM handheld radio must be removable and still  
34 operate as a handheld radio.  
35 iv. Handheld Radio Batteries. At least two fully charged batteries per radio  
36 are required at the beginning of each shift. These contractor-provided  
37 batteries must operate the handheld radio throughout the shift. It is highly  
38 recommended that all handheld radios utilize an AA alkaline battery  
39 clamshell. A source of 115 AC power may not be locally available for  
40 rechargeable batteries.  
41

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Note: It is highly recommended that a programming "cheat sheet" accompany the handheld radio. Additionally, the handheld radio should have a carrying case or chest pack carrier.

c. Radio Headset

- i. Any radio used by an operator while the equipment is in operation shall utilize a headset with a boom mic (Field Support Services (www.helifire.com) KS-H3340 or equivalent) with PTT switch which connects to the dozer's VHF-FM radio. The headset shall not impede the safe placement and security of the dozer operator's PPE (i.e. hardhat).
- ii. The headset shall receive audio from the equipment's radio. The headset shall provide sufficient volume from the equipment's radio to be easily discernible while the equipment is in normal operation.
- iii. The headset's boom mic shall provide the equipment's radio with transmitter microphone input. Transmitted microphone audio output shall be clear and easily understandable.
- iv. The headset shall utilize a radio PTT switch that activates the equipment's radio (such as the Field Support Services (www.helifire.com) SPH-EPH-36 for B/K type radios or equivalent). The PTT switch should clip to the operators clothing.
- v. Radio Batteries: At a minimum, two batteries per radio are required. Clamshell 1.5V AA would have to be provided by the contractor to recharge other types of batteries. Due to the explosive nature of their chemistry Lithium Ion batteries are not acceptable.
- vi. The Contractor shall comply with all National Telecommunications and Information Administration (NTIA) rules and regulations when using Federal Agency frequencies and with all Federal Communications Commission (FCC) rules and regulations when using State Agency frequencies. The Contractor shall not use the fire fighting/incident frequencies for other than fire suppression activities. All Incident, Federal and State frequencies shall be removed prior to demobilization from the incident.

**Typing Matrix Table**

Manufacturer Name	Equipment			Model	Horse Power	Weight	Equipment Class
Case	Dozer	Track		450C	63	11,549	T-3
Case	Dozer	Track		550	67	13,200	T-3
Case	Dozer	Track		550 LGP	67	13,400	T-3
Case	Dozer	Track		550E	67	13,438	T-3
Case	Dozer	Track		550G	67	14,138	T-3
Case	Dozer	Track		550H LGP LT	67	14,317	T-3
Case	Dozer	Track		550H WT	67	14,600	T-3

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Manufacturer Name	Equipment		Model	Horse Power	Weight	Equipment Class
Case	Dozer	Track	550E LGP	67	14,734	T-3
Case	Dozer	Track	550G LGP	67	14,934	T-3
Case	Dozer	Track	550H LGP	67	14,960	T-3
Caterpillar	Dozer	Track	D3C Series II	70	15,159	T-3
Caterpillar	Dozer	Track	D3C III XL HYSTAT	70	16,103	T-3
Caterpillar	Dozer	Track	D3C III HYSTAT	70	16,680	T-3
Caterpillar	Dozer	Track	D3C LGP Series II	70	16,745	T-3
Caterpillar	Dozer	Track	D3C III LGP HYSTAT	70	17,004	T-3
Caterpillar	Dozer	Track	D3CS LGP Series II	70	21,663	T-3
Deere	Dozer	Track	450H	70	15,000	T-3
Deere	Dozer	Track	450G	70	15,266	T-3
Deere	Dozer	Track	450 HLT	70	15,500	T-3
Dresser (International)	Dozer	Track	TD7G	70	13,987	T-3
Dresser (International)	Dozer	Track	TD7H	70	15,900	T-3
Caterpillar	Dozer	Track	D3C Series III	71	15,518	T-3
Caterpillar	Dozer	Track	D3C Series III XL	71	15,941	T-3
Caterpillar	Dozer	Track	D3C Series III LGP	71	16,842	T-3
Deere	Dozer	Track	450H LGP	74	16,500	T-3
Case	Dozer	Track	650H LT	75	16,091	T-3
Case	Dozer	Track	650H WT	75	16,800	T-3
Komatsu	Dozer	Track	D31PX-21	75	17,130	T-3
Case	Dozer	Track	650E	80	15,480	T-3
Case	Dozer	Track	650	80	15,700	T-3
Case	Dozer	Track	650G	80	15,909	T-3
Caterpillar	Dozer	Track	D4C III HYSTAT	80	16,150	T-3
Caterpillar	Dozer	Track	D4C Series II	80	16,383	T-3
Caterpillar	Dozer	Track	D4C III XL HYSTAT	80	16,573	T-3
Caterpillar	Dozer	Track	D4C III LGP HYSTAT	80	17,163	T-3
Caterpillar	Dozer	Track	D4C LGP Series II	80	17,279	T-3
Deere	Dozer	Track	550G	80	16,641	T-3
Deere	Dozer	Track	550H LT	80	16,800	T-3
Dresser (International)	Dozer	Track	TD8H	80	16,764	T-3
Dresser (International)	Dozer	Track	TD8G	80	17,147	T-3
Caterpillar	Dozer	Track	D4C Series III	81	16,019	T-3
Caterpillar	Dozer	Track	D4C Series III XL	81	16,442	T-3
Caterpillar	Dozer	Track	D4C Series III LGP	81	17,032	T-3
Case	Dozer	Track	850D	82	17,158	T-3
Case	Dozer	Track	850D LGP	82	19,177	T-3
Deere	Dozer	Track	550H LGP	84	17,500	T-3

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Manufacturer Name	Equipment			Model	Horse Power	Weight	Equipment Class
Komatsu	Dozer	Track		D37PX-21	85	17,130	T-3
Case	Dozer	Track		850E	89	16,800	T-3
Case	Dozer	Track		850G	89	17,100	T-3
Case	Dozer	Track		850E LGP	89	17,325	T-3
Case	Dozer	Track		850G LGP	89	18,450	T-3
Caterpillar	Dozer	Track		D5C III HYSTAT	90	18,711	T-3
Caterpillar	Dozer	Track		D5C	90	19,128	T-3
Caterpillar	Dozer	Track		D5C III XL HYSTAT	90	19,447	T-3
Caterpillar	Dozer	Track		D5C III LGP HYSTAT	90	19,780	T-3
Caterpillar	Dozer	Track		D5C LGP	90	19,800	T-3
Caterpillar	Dozer	Track		D4H LGP Series II	90	24,085	T-3
Caterpillar	Dozer	Track	Cable	D4H Series II	90	26,910	T-3
Caterpillar	Dozer	Track	Grapple	D4H Series II	90	31,400	T-3
Deere	Dozer	Track		650H LT	90	18,500	T-3
Deere	Dozer	Track		650G	90	18,760	T-3
Deere	Dozer	Track		650H LGP	90	19,100	T-3
Dresser (International)	Dozer	Track		TD9H	90	18,970	T-3
Case	Dozer	Track		850H LT	91	17,915	T-3
Case	Dozer	Track		850H WT	91	18,700	T-3
Case	Dozer	Track		850H LGP	91	19,209	T-3
Caterpillar	Dozer	Track		D5C Series III	91	18,150	T-3
Caterpillar	Dozer	Track		D5C Series III XL	91	18,600	T-3
Caterpillar	Dozer	Track		D5C Series III LGP	91	19,256	T-3
Caterpillar	Dozer	Track		D4H Series II	95	22,408	T-3
Komatsu	Dozer	Track		D39PX-21	95	19,620	T-3
Caterpillar	Dozer	Track		D3C SA	101	15,019	T-2
Caterpillar	Dozer	Track		D4H XL Series III	105	23,513	T-2
Caterpillar	Dozer	Track		D4H LGP Series III	105	26,739	T-2
Caterpillar	Dozer	Track	Cable	D4H Series III	105	27,010	T-2
Caterpillar	Dozer	Track	Grapple	D4H Series III	105	31,400	T-2
Caterpillar	Dozer	Track		D5M XL	110	27,006	T-2
Caterpillar	Dozer	Track		D5M LGP	110	28,800	T-2
Dresser (International)	Dozer	Track		TD12	110	24,350	T-2
Komatsu	Dozer	Track		D41P-6C	110	25,480	T-2
Case	Dozer	Track		1150E	113	24,165	T-2
Case	Dozer	Track		1150E LGP	113	26,154	T-2
Case	Dozer	Track		1150G	119	25,300	T-2
Case	Dozer	Track		1150H LT	119	25,300	T-2
Case	Dozer	Track		1150H WT	119	26,400	T-2

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Manufacturer Name	Equipment			Model	Horse Power	Weight	Equipment Class
Case	Dozer	Track		1150H LGP	119	27,060	T-2
Case	Dozer	Track		1150G LGP	119	27,060	T-2
Caterpillar	Dozer	Track		D5H Series II	120	27,831	T-2
Caterpillar	Dozer	Track	Cable	D5H Series II	120	33,880	T-2
Caterpillar	Dozer	Track	Grapple	D5H Series II	120	38,050	T-2
Deere	Dozer	Track		750B	120	29,055	T-2
Dresser (International)	Dozer	Track		TD12C	125	28,497	T-2
Dresser (International)	Dozer	Track		TD12 LGP	125	28,586	T-2
Dresser (International)	Dozer	Track		TD12C LGP	125	32,605	T-2
Caterpillar	Dozer	Track		D5H XL Series II	130	30,830	T-2
Caterpillar	Dozer	Track		D5H LGP Series II	130	32,890	T-2
Caterpillar	Dozer	Track		D6D	140	33,011	T-2
Caterpillar	Dozer	Track		D6M XL	140	33,258	T-2
Caterpillar	Dozer	Track		D6M LGP	140	36,455	T-2
Deere	Dozer	Track		750B LGP	140	31,300	T-2
Deere	Dozer	Track		750C	140	31,712	T-2
Deere	Dozer	Track		750C Series II LT	140	31,712	T-2
Deere	Dozer	Track		750C LGP	140	33,324	T-2
Deere	Dozer	Track		750C Series II WT	140	33,324	T-2
Deere	Dozer	Track		750B LT	140	34,834	T-2
Deere	Dozer	Track		750C Series II LGP	140	36,576	T-2
Dresser (International)	Dozer	Track		TD15C	140	32,975	T-2
Dresser (International)	Dozer	Track		TD15C LGP	140	37,980	T-2
Dresser (International)	Dozer	Track		TD12C XP	142	32,866	T-2
Case	Dozer	Track		1550	150	27,937	T-2
Case	Dozer	Track		1550 LGP	150	30,500	T-2
Caterpillar	Dozer	Track	Cable	527CA	150	40,727	T-2
Caterpillar	Dozer	Track	Grapple	527GR	150	47,250	T-2
Caterpillar	Dozer	Track		D6E	155	33,868	T-2
Komatsu	Dozer	Track		D61PX-15	155	39,990	T-2
Timberjack	Dozer	Track	Grapple	480 BT	161	52,500	T-2
Caterpillar	Dozer	Track		D6D SA	165	29,407	T-2
Caterpillar	Dozer	Track		D6H Series II	165	39,676	T-2
Caterpillar	Dozer	Track		D6R	165	39,700	T-2
Caterpillar	Dozer	Track		D6H DS Series II	165	39,938	T-2
Caterpillar	Dozer	Track		D6R DS	165	40,100	T-2
Caterpillar	Dozer	Track		D6H LGP Series II	165	45,163	T-2
Caterpillar	Dozer	Track		D6H DS LGP Series II	165	45,415	T-2
Deere	Dozer	Track		850B	165	36,730	T-2

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Manufacturer Name	Equipment			Model	Horse Power	Weight	Equipment Class
Deere	Dozer	Track		850B LT	165	38,601	T-2
Deere	Dozer	Track		850B LGP	165	43,549	T-2
Dresser (International)	Dozer	Track		TD15E	175	37,650	T-2
Dresser (International)	Dozer	Track		TD15E LGP	175	40,560	T-2
Caterpillar	Dozer	Track		D6R LGP	185	45,200	T-2
Caterpillar	Dozer	Track		D6R DS LGP	185	45,600	T-2
Deere	Dozer	Track		850C	185	40,155	T-2
Deere	Dozer	Track		850C Series II WT	185	41,070	T-2
Deere	Dozer	Track		850C Series II LT	185	41,154	T-2
Deere	Dozer	Track		850C LGP	185	42,691	T-2
Deere	Dozer	Track		850C Series II LGP	185	42,698	T-2
Caterpillar	Dozer	Track		D7G	200	44,600	T-1
Komatsu	Dozer	Track		D65XP-15	205	46,610	T-1
Caterpillar	Dozer	Track		D7H Series II	215	54,511	T-1
Caterpillar	Dozer	Track		D7H LGP Series II	215	59,176	T-1
Caterpillar	Dozer	Track		D7H DS LGP Series II	215	59,838	T-1
Dresser (International)	Dozer	Track		TD20G	225	48,700	T-1
Dresser (International)	Dozer	Track		TD20H	225	50,204	T-1
Dresser (International)	Dozer	Track		TD20H LGP	225	52,470	T-1
Dresser (International)	Dozer	Track		TD20G LGP	225	52,700	T-1
Caterpillar	Dozer	Track		D7R	230	54,200	T-1
Caterpillar	Dozer	Track		D7R DS	230	55,100	T-1
Caterpillar	Dozer	Track		D7H DS Series II	230	55,171	T-1
Caterpillar	Dozer	Track		D7R LGP	240	58,800	T-1
Caterpillar	Dozer	Track		D7R DS LGP	240	59,700	T-1
Komatsu	Dozer	Track		D85EX-15	240	61,950	T-1
Caterpillar	Dozer	Track		D8N	285	71,764	T-1
Caterpillar	Dozer	Track		D8R	305	73,875	T-1
Dresser (International)	Dozer	Track		TD25G	325	74,900	T-1
Caterpillar	Dozer	Track		D8L	335	80,999	T-1
Caterpillar	Dozer	Track		D9N	370	93,698	T-1

- 1  
 2 **PAYMENT**  
 3  
 4 Heavy Equipment  
 5 • On-Shift includes time worked, time that resource is held or directed to be in a  
 6 state of readiness, and compensable travel (resource traveling under its own  
 7 power) that has a specific start and ending time.

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- **DOUBLE SHIFT** equipment is staffed with two operators or crews (one per shift). The DS rate will apply any calendar day the DS was under hire, including travel. There will be no compensation for a double shift unless a separate operator is ordered in writing for the second shift. Agency personnel at the Section Chief level may, by resource order, authorize a second operator if needed during the assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.
- **DAILY RATE** - Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50% of the Daily Rate for periods less than 8 hours.

Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment above and same operator

- Heavy equipment that has one operator for the transport and the heavy equipment will be paid at 65% of the rate for the transport - minimum daily guarantee.
- **MINIMUM DAILY GUARANTEE** – For any time under hire for at least 8 hours, the government will pay no less than 65% of the minimum daily guarantee, or the mileage rate, whichever is greater. If a resource is under hire for less than 8 hours during a calendar day, the amount earned for that day will not be less than 32.5% the minimum daily guarantee, or the mileage rate, whichever is greater.
- Once the heavy equipment is delivered to the incident the transport is considered released and no further payment will be made for the transport under this agreement; until the transport is needed for demobilization of the heavy equipment.
- If the transport is retained at the incident for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or 65% of the minimum daily guarantee will be paid until the transport is released. This must be documented on the shift ticket.
- If approved by the Government, the contractor may keep the transport at the incident after it has been released, but no payment will be made except when the heavy equipment is released from the incident for return to the point of hire, or reassigned to another incident.
- **MILEAGE** - Payment shall be made for the mileage rate or 65% of the minimum daily guarantee, whichever is greater.

Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment above and separate transport operator; include the name of the transport operator in the Remarks block (block 14) of the shift ticket.

- **MINIMUM DAILY GUARANTEE** - For any time under hire for at least 8 hours, the government will pay no less than the minimum daily guarantee, or the mileage rate, whichever is greater. If a resource is under hire for less than 8 hours during a calendar day, the amount earned for that day will not be less than one-half the minimum daily guarantee, or the mileage rate, whichever is greater.

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- 1 • Once the heavy equipment is delivered to the incident the transport is considered  
2 released and no further payment will be made for the transport under this  
3 agreement; until the transport is needed for demobilization of the heavy  
4 equipment.
- 5 • If the transport is retained at the incident for the sole purpose of transporting the  
6 heavy equipment that was originally ordered; the mileage rate or the minimum  
7 daily guarantee, whichever is greater, will be paid until the transport is released.  
8 This must be documented on the shift ticket.
- 9 • If approved by the Government, the contractor may keep the transport at the  
10 incident after it has been released, but no payment will be made except when the  
11 heavy equipment is released from the incident for return to the point of hire, or  
12 reassigned to another incident.
- 13 • If the transport is retained by the incident for transporting other equipment, the  
14 company owning the transport must have an existing agreement issued under this  
15 solicitation, and must be ordered with a separate resource order number. The point  
16 of hire will be the incident. At no time will the transport be paid more than once  
17 for a single day.
- 18 • If the transport (associated with a piece of heavy equipment) is released prior to  
19 the heavy equipment and the contractor elects to return the transport to their home  
20 base, time under hire would end at the estimated time of arrival back to the point  
21 of hire. At the conclusion of the assignment, when the heavy equipment is  
22 released, time under hire would begin when the transport begins travel back to the  
23 incident.
- 24 • MILEAGE - Payment shall be made for the mileage rate or minimum daily  
25 guarantee, whichever is greater.
- 26 •

27 Transports (Stand Alone) – ordered under a separate resource order number by Government to  
28 remain at the incident and transport other vendor's equipment.

- 29 • On-Shift includes time worked, time that resource is held or directed to be in a  
30 state of readiness, and compensable travel (resource traveling under its own  
31 power) that has a specific start and ending time.
- 32 • MINIMUM DAILY GUARANTEE - For any time under hire for at least 8 hours,  
33 the government will pay no less than the minimum daily guarantee, or the mileage  
34 rate, whichever is greater. If a resource is under hire for less than 8 hours during a  
35 calendar day, the amount earned for that day will not be less than one-half the  
36 minimum daily guarantee, or the mileage rate, whichever is greater.
- 37 • MILEAGE - Payment shall be made for the mileage rate or minimum daily  
38 guarantee, whichever is greater.
- 39 •

40 **Heavy Equipment w/Transport Example**

41 **Scenario#1:** Contractor brings a dozer to an incident on June 1, traveling 120 miles. The  
42 dozer is not off-loaded until June 3, and the transport is released at that time. The dozer is  
43 released on June 20, resulting in the dozer being under hire for 20 days. The dozer's daily rate

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1 is \$1200 with a mobilization demobilization rate of \$3.00/mile. The minimum daily guarantee  
2 for the transport is \$650. Only 1 operator is provided for both the transport and dozer.

3 Calculation:

4 Dozer – 20 days at daily rate (20 x \$1,200) = \$24,000

5 Transport –

6 Mobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650 x  
7 65%) (whichever is greater) = \$422.50

8 Demobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650 x  
9 65%) (whichever is greater) = \$422.50

10 1 days at Minimum Daily Guarantee (1 x \$650 x 65%) = \$422.50

11 Total Payment = \$25,267.50

12  
13 **Scenario #2:** Contractor brings a dozer to an incident on June 1, traveling 120 miles. The  
14 dozer is off-loaded immediately, but the transport is ordered held at the incident to transport  
15 other equipment. The dozer and transport are both released on June 20, resulting in them  
16 being under hire for 20 days. The dozer's daily rate is \$1200 with a mobilization  
17 demobilization rate of \$3.00/mile. The minimum daily guarantee for the transport is \$650.

18 Two (2) operators are provided.

19 Calculation: Dozer – 20 days at daily rate (20 x \$1,200) = \$24,000

20 Transport –

21 Mobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650)  
22 (whichever is greater) = \$650

23 Demobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650)  
24 (whichever is greater) = \$650

25 18 days at Minimum Daily Guarantee (18 X \$650) = \$11,700

26 Total Payment = \$37,000

27  
28 **15. EMT With Kit (Informal)**

29 *Rates to be established as "Incident-Only" at a later date and posted. Requests for Non-*  
30 *escorted EMTs must meet the requirements in the current Interagency Standards for Fire and*  
31 *Fire Aviation Operations (NFES 2724/Redbook), Chapter 7; Personnel must have a minimum*  
32 *physical fitness level of "light". Must have adequate communications and radio training and*  
33 *completed the following training:*

- 34 ➤ Introduction to Fire Behavior (S-190)
- 35 ➤ Firefighter Training (S-130)
- 36 ➤ Annual Fireline Safety Refresher Training

37 Deviation from this requirement must be approved by the IC for other non-escorted support  
38 personnel involved in vehicle operations or other support functions on established roadways and  
39 working areas which pose no fire behavior threat.

40  
41 **16. Engine (Competitive)**

42 Engines will not be signed up on EERAs. Forest Service Contracting Officer is Sue Huston, who  
43 can be reached at 801-625-5365 or [shuston@fs.fed.us](mailto:shuston@fs.fed.us) .

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1  
2 **Because Type 1 and 2 engines are used for structure protection, the States will establish**  
3 **rates for these types of equipment.**

4  
5 **17. Excavator, Hydraulic (Competitive)**

6 For incident only signups utilize specifications and terms and conditions in the national  
7 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
8 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

9  
10 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
11 trained/certified personnel, and supervision and management of those personnel, necessary to  
12 meet or exceed the Agreement specifications.

13  
14 **EQUIPMENT REQUIREMENTS**

15  
16 Equipment shall meet all standards established by specification or incorporated by reference and  
17 shall be maintained in good repair by the Contractor.

18  
19 **Equipment Typing:**

- 20  
21  
22  
23  
24
- Type 4 - 60 - 80 HP rating
  - Type 3 - 81 - 110 HP rating
  - Type 2 - 111 - 155 HP rating
  - Type 1 - 156 + HP rating

25 **Minimum Equipment Requirements:**

- 26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43
1. An audible reverse warning device (backup alarm) of 87 decibel or greater measured at 5 feet behind and in the center of the equipment.
  2. A fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag and the annual maintenance tag in regards to a 6 year annual inspection and every 12 years regarding a hydro test on all dry powder, metal fire extinguishers.
  3. Shovel
  4. US Forest Service-qualified spark arrester on all naturally aspirated engines
  5. All factory guards shall be in place and in functional condition (i.e. engine compartment) (applicable for heavy equipment)
  6. Radiator protection (applicable for heavy equipment)
  7. Seat belts
  8. Flashlight
  9. Water, 1 gal drinking
  10. 5-person first aid kit
  11. Personal Protective Equipment. Contractor shall be responsible for ensuring all personnel arrive at the incident with the proper Personal Protective Clothing and

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1 Equipment as prescribed in the agreement. Contractor shall be responsible for  
2 ensuring the Personal Protective Equipment is operable and maintained in good repair  
3 throughout the duration of any assignment. Personal Protective Clothing will be  
4 maintained in good repair, and be cleaned at sufficient intervals to preclude unsafe  
5 working conditions. All personnel shall be wearing Personal Protective Clothing,  
6 including boots, upon arrival at the incident.  
7

8 Contractor shall be responsible for ensuring that all personnel arrive with the following:  
9

10 **Personal Protective Equipment (PPE):**

- 11
- 12 • **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug  
13 type sole in good condition (steel toed boots are not recommended).
- 14 • **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- 15 • **GLOVES:** One pair of heavy-duty leather per person.
- 16 • **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).
- 17 • **HEARING PROTECTION:** Use hearing protection whenever sound levels exceed  
18 85 dB. Earphones (headset) required with radio shall have built-in hearing  
19 protection.
- 20 • **HEAD LAMP:** With batteries and attachment for hardhat.

21 **NOTE:** It is recommended that fireline personnel wear a short-sleeved t-shirt, underwear,  
22 and socks under fire clothing and boots. T-shirts and underwear should be 100% cotton  
23 or a 100% flame resistant blend of fibers. Socks should be cotton, wool, or a blend of  
24 flame resistant fibers.  
25

26 **Training/Experience:**

- 27
- 28 • RT-130 Annual Fireline Refresher including fire shelter.
- 29 • Commercial Drivers License (for transports, when required).
- 30 • All operators shall be able to operate the equipment safely up to the  
31 manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)  
32

33 **Additional Requirements for Excavators:**

- 34
- 35 1. Operator Protection System. Shall have a factory enclosed canopy with deflectors  
36 installed in front of the operator area to deflect whipping saplings, branches and  
37 debris broken off by the action of the bucket or hydraulic thumb. Deflectors shall be  
38 located so as not to impede visibility and access to the cab but still protect the  
39 operator from frontal damage.
- 40 2. Capability of operating at manufacturer's limitations (i.e., slope).
- 41 3. Lighting (2 forward). Lights shall be mounted to the equipment in such a way to  
42 provide protection from damage and provide illumination beyond the bucket/thumb.
- 43 4. Hydraulic thumb or clamshell. See D.23, Exhibit A for definition.

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1 5. Steel Tracks.

2

3 **Typing Matrix Table:**

Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Komatsu	Excavator	Track	PC80-3	64	17,810	T-4
Komatsu	Excavator	Track	PC90-1	64	18,470	T-4
Deere	Excavator	Track	290D	65	20,064	T-4
Komatsu	Excavator	Track	PC75R-2	69	16,470	T-4
Caterpillar	Excavator	Track	205 LC	71	28,340	T-4
Hitachi	Excavator	Track	EX100	72	23,600	T-4
Hitachi	Excavator	Track	EX100-2	72	23,600	T-4
Hitachi	Excavator	Track	EX100-3	72	24,500	T-4
Komatsu	Excavator	Track	PC95-1	72	19,687	T-4
Liebherr	Excavator	Track	R900B	73	28,995	T-4
Deere	Excavator	Track	490D	75	26,546	T-4
Kobelco	Excavator	Track	SK100 MARK III	75	23,800	T-4
Kobelco	Excavator	Track	K904 MARK II	75	24,600	T-4
Hitachi	Excavator	Track	EX110-5	76	24,700	T-4
Caterpillar	Excavator	Track	311B	79	25,005	T-4
Caterpillar	Excavator	Track	311	79	25,100	T-4
Caterpillar	Excavator	Track	E110B	79	25,400	T-4
Daewoo	Excavator	Track	DH130	79	28,440	T-4
Deere	Excavator	Track	110	80	26,724	T-4
Fiat Allis	Excavator	Track	FH120	81	28,440	T-3
Komatsu	Excavator	Track	PC100-6	81	23,700	T-3
Liebherr	Excavator	Track	R902 LC	81	35,060	T-3
Komatsu	Excavator	Track	PC120-3	82	25,570	T-3
Komatsu	Excavator	Track	PC95R-2	82.5	20,635	T-3
Caterpillar	Excavator	Track	312	84	27,200	T-3
Caterpillar	Excavator	Track	312B	84	27,910	T-3
Caterpillar	Excavator	Track	312BL	84	28,170	T-3
Caterpillar	Excavator	Track	E120B	84	28,300	T-3
Dresser (International)	Excavator	Track	6120	84	26,520	T-3
Dresser (International)	Excavator	Track	625E LC	84	31,700	T-3
Kobelco	Excavator	Track	SK120LC MARK III	84	26,500	T-3
Kobelco	Excavator	Track	115SRDZ	84	31,750	T-3
Komatsu	Excavator	Track	PC120-5	84	26,520	T-3
Komatsu	Excavator	Track	PC120-6	84	26,530	T-3
Komatsu	Excavator	Track	PC128UU-1	84	28,800	T-3
Deere	Excavator	Track	490E	85	26,780	T-3

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Kobelco	Excavator	Track	SK100 MARK IV	85	24,100	T-3
Kobelco	Excavator	Track	K905LC MARK II	85	27,300	T-3
Kobelco	Excavator	Track	SK120LC MARK IV	85	27,300	T-3
Link Belt	Excavator	Track	2650 QUANTUM	85	29,641	T-3
Kobelco	Excavator	Track	SK115DZ MARK IV	86	28,400	T-3
Komatsu	Excavator	Track	PC120-6	86	28,375	T-3
Komatsu	Excavator	Track	PC128US-1	86	28,000	T-3
Komatsu	Excavator	Track	PC128US-2	86	29,134	T-3
Komatsu	Excavator	Track	PC128UU-2	86	29,530	T-3
Komatsu	Excavator	Track	PC128UU-2	86	30,360	T-3
Komatsu	Excavator	Track	PC138USLC-2	86	32,537	T-3
Case	Excavator	Track	9010	87	26,662	T-3
Koehring	Excavator	Track	6612	87	27,340	T-3
Link Belt	Excavator	Track	LS-2650C II	87	26,676	T-3
Komatsu	Excavator	track	PC130-7	88	28,600	T-3
Deere	Excavator	Track	120	90	26,790	T-3
Caterpillar	Excavator	Track	312C	90	28,480	T-3
Daewoo	Excavator	Track	DH130-2	91	29,320	T-3
Hitachi	Excavator	Track	EX150	91	32,800	T-3
Volvo	Excavator	Track	EC140C	92	32,370	T-3
Volvo	Excavator	Track	EC145C	92	34,880	T-3
Fiat Allis	Excavator	Track	FX130 LC	93	29,260	T-3
Volvo	Excavator	Track	EC140BLC	93	29,983	T-3
Kobelco	Excavator	Track	SK130LC MARK IV	93	27,840	T-3
Caterpillar	Excavator	Track	211 LC	94	33,510	T-3
Kobelco	Excavator	Track	135SRLC	94	30,870	T-3
Deere	Excavator	Track	590D	95	33,180	T-3
Deere	Excavator	Track	595D	95	36,882	T-3
Liebherr	Excavator	Track	R912 HD	95	45,747	T-3
Caterpillar	Excavator	Track	315	99	33,730	T-3
Caterpillar	Excavator	Track	315L	99	35,100	T-3
Caterpillar	Excavator	Track	315B	99	35,280	T-3
Caterpillar	Excavator	Track	315BL	99	35,670	T-3
Dresser (International)	Excavator	Track	6150 LC	99	35,240	T-3
Hitachi	Excavator	Track	EX160 LC-5	99	33,960	T-3
Komatsu	Excavator	Track	PC150-3	99	32,165	T-3
Komatsu	Excavator	Track	PC150LC-5	99	32,903	T-3
Komatsu	Excavator	Track	PC150LC-3	99	33,465	T-3
Komatsu	Excavator	Track	PC150-5	99	33,910	T-3

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Samsung	Excavator	Track	SE130LC-3	99	29,560	T-3
Samsung	Excavator	Track	SE130LC-2	99	30,040	T-3
Samsung	Excavator	Track	SE130LCM-2	99	31,840	T-3
Samsung	Excavator	Track	SE130LCM-3	99	31,890	T-3
Samsung	Excavator	Track	SE130LCM	99	32,630	T-3
Komatsu	Excavator	Track	PC158USLC-2	99	36,380	T-3
Volvo	Excavator	Track	EC140C L	99	29,542	T-3
Fiat Allis	Excavator	Track	FX140	100	33,069	T-3
Kobelco	Excavator	Track	SK150LC MARK III	100	34,500	T-3
Link Belt	Excavator	Track	LS-2700C II	100	33,950	T-3
Link Belt	Excavator	Track	2700 QUANTUM	100	34,802	T-3
Samsung	Excavator	Track	SE130LC	100	28,660	T-3
Hyundai	Excavator	Track	130 LC-3	101	30,400	T-3
Daewoo	Excavator	Track	DH170	102	37,700	T-3
Hyundai	Excavator	Track	160 LC-3	102	36,600	T-3
Case	Excavator	Track	9030	103	43,422	T-3
Kobelco	Excavator	Track	SK150LC MARK IV	103	36,207	T-3
Kobelco	Excavator	Track	ED180	103	41,800	T-3
Samsung	Excavator	Track	SE200LC	103	45,414	T-3
Volvo	Excavator	Track	EC130	103	28,660	T-3
Deere	Excavator	Track	160LC	105	34,950	T-3
Komatsu	Excavator	Track	PC150-6	105	39,503	T-3
Case	Excavator	Track	9010B	106	28,000	T-3
Case	Excavator	Track	9020B	106	35,274	T-3
Daewoo	Excavator	Track	SOLAR 130-III	108	29,320	T-3
Volvo	Excavator	Track	EC160BLC	109	37,920	T-3
Caterpillar	Excavator	Track	213B LC	110	39,930	T-3
Hyundai	Excavator	Track	120W	110	25,350	T-3
Hyundai	Excavator	Track	130W-2	110	26,320	T-3
Hyundai	Excavator	Track	130 LC	110	29,100	T-3
Komatsu	Excavator	Track	PC160LC-7	110	37,130	T-3
Komatsu	Excavator	Track	PC160LC-7	111	37,532	T-2
Daewoo	Excavator	Track	SOLAR 170-III	113	36,530	T-2
Caterpillar	Excavator	Track	318BL N	115	40,260	T-2
Caterpillar	Excavator	Track	318BL	115	40,540	T-2
Caterpillar	Excavator	Track	215C LC	115	44,104	T-2
Hyundai	Excavator	Track	170W-3	116	36,300	T-2
Hyundai	Excavator	Track	180 LC-3	116	39,240	T-2
Volvo	Excavator	Track	EC160CL	116	38,360	T-2

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Daewoo	Excavator	Track	DH200LC	117	43,650	T-2
Dresser (International)	Excavator	Track	635E LC	117	42,906	T-2
Caterpillar	Excavator	Track	E200B	118	41,400	T-2
Caterpillar	Excavator	Track	EL200B	118	44,300	T-2
Daewoo	Excavator	Track	DH180LC	118	43,650	T-2
Komatsu	Excavator	Track	PC200LC-3	118	42,245	T-2
Komatsu	Excavator	Track	PF55L	118	46,740	T-2
Fiat Allis	Excavator	Track	FH200	119	43,740	T-2
Fiat Allis	Excavator	Track	FH200 LC	119	43,870	T-2
Hitachi	Excavator	Track	EX200 LC	119	43,506	T-2
Liebherr	Excavator	Track	R912 LC	122	43,900	T-2
Dresser (International)	Excavator	Track	6200 LC	123	44,310	T-2
Kobelco	Excavator	Track	K907LC MARK II	123	43,390	T-2
Komatsu	Excavator	Track	PC200LC-5	123	43,500	T-2
Caterpillar	Excavator	Track	215D LC	125	43,523	T-2
Deere	Excavator	Track	690D	125	40,990	T-2
Link Belt	Excavator	Track	LS-2800C II	125	43,430	T-2
Hyundai	Excavator	Track	200 LCM-2	126	45,060	T-2
Koehring	Excavator	Track	6620	126	42,555	T-2
Komatsu	Excavator	Track	PC200-5	127	42,860	T-2
Caterpillar	Excavator	Track	320N	128	42,660	T-2
Caterpillar	Excavator	Track	320B	128	42,770	T-2
Caterpillar	Excavator	Track	320	128	43,577	T-2
Caterpillar	Excavator	Track	320BN	128	44,190	T-2
Caterpillar	Excavator	Track	320BL	128	45,680	T-2
Caterpillar	Excavator	Track	320L	128	46,277	T-2
Hyundai	Excavator	Track	200 LC	128	44,360	T-2
Komatsu	Excavator	Track	PC2006B	128	44,980	T-2
Komatsu	Excavator	Track	PC228USLC-2	128	50,485	T-2
Komatsu	Excavator	Track	PC228USLC-1	128	50,490	T-2
Link Belt	Excavator	Track	2800 QUANTUM	128	44,911	T-2
Link Belt	Excavator	Track	2800 QUANTUM LF	128	49,011	T-2
Case	Excavator	Track	9020	130	34,011	T-2
Deere	Excavator	Track	690E LC	130	44,213	T-2
Hyundai	Excavator	Track	210 LC-3	130	46,960	T-2
Liebherr	Excavator	Track	R912 HDSL	130	46,735	T-2
Samsung	Excavator	Track	SE210LC	130	44,100	T-2
Case	Excavator	Track	9030B N	131	44,000	T-2
Case	Excavator	Track	9030B	131	44,450	T-2

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Hitachi	Excavator	Track	EX200 LC-2	132	43,400	T-2
Hitachi	Excavator	Track	EX200 LC-3	132	43,400	T-2
Hitachi	Excavator	Track	EX200 LC-5	132	45,000	T-2
Daewoo	Excavator	Track	DH220LC	133	46,300	T-2
Kobelco	Excavator	Track	SK200LC MARK III	133	44,500	T-2
Komatsu	Excavator	Track	PC210LC-6	133	21,180	T-2
Komatsu	Excavator	Track	PC600-6	133	44,430	T-2
Komatsu	Excavator	Track	PC200LC-6	133	46,970	T-2
Komatsu	Excavator	Track	PC200Z-6	133	N/A	T-2
Case	Excavator	Track	125B	134	53,619	T-2
Daewoo	Excavator	Track	SOLAR 220LC-III	135	44,300	T-2
Fiat Allis	Excavator	Track	FX200 LC	135	43,142	T-2
Liebherr	Excavator	Track	R922 LC	136	45,835	T-2
Samsung	Excavator	Track	SE210LC-2	136	49,550	T-2
Fiat Allis	Excavator	Track	FX210 LC	137	43,780	T-2
Caterpillar	Excavator	Track	219D	140	47,793	T-2
Caterpillar	Excavator	Track	219D LC	140	48,963	T-2
Deere	Excavator	Track	200LC	140	44,750	T-2
Hyundai	Excavator	Track	200W-2	141	41,440	T-2
Kobelco	Excavator	Track	SK200LC MARK IV	141	45,900	T-2
Kobelco	Excavator	Track	235SRLC	142	56,889	T-2
Komatsu	Excavator	Track	PC200LC-7	143	46,870	T-2
Kobelco	Excavator	Track	SK210LC	143	47,000	T-2
Liebherr	Excavator	Track	R922 HDSL	143	52,560	T-2
Samsung	Excavator	Track	SE210LC-3	143	46,720	T-2
Hyundai	Excavator	Track	200W	144	41,435	T-2
Koehring	Excavator	Track	4470 TELESCOPE	145	40,300	T-2
Volvo	Excavator	Track	EC200	145	43,652	T-2
Volvo	Excavator	Track	EC210C	147	51,200	T-2
Volvo	Excavator	Track	ECR235C	147	57,760	T-2
Caterpillar	Excavator	Track	E240	148	50,705	T-2
Caterpillar	Excavator	Track	E240B	148	50,705	T-2
Caterpillar	Excavator	Track	E240C	148	50,705	T-2
Caterpillar	Excavator	Track	EL240B	148	52,028	T-2
Caterpillar	Excavator	Track	EL240C	148	52,028	T-2
Caterpillar	Excavator	Track	EL240	148	52,030	T-2
Komatsu	Excavator	Track	PC220LC-3	148	51,120	T-2
Fiat Allis	Excavator	Track	FH220 LC	151	54,540	T-2
Fiat Allis	Excavator	Track	FH220	151	54,585	T-2

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Koehring	Excavator	Track	6625	151	55,250	T-2
Liebherr	Excavator	Track	R932 HD	152	53,261	T-2
Caterpillar	Excavator	Track	322BL	153	52,600	T-2
Dresser (International)	Excavator	Track	6220 LC	153	51,630	T-2
Kobelco	Excavator	Track	K909LC MARK II	153	52,210	T-2
Link Belt	Excavator	Track	LS-3400C II	153	52,910	T-2
Link Belt	Excavator	Track	3400 QUANTUM	153	53,332	T-2
Link Belt	Excavator	Track	LS-3400LF C II	153	58,212	T-2
Link Belt	Excavator	Track	3400 QUANTUM LF	153	59,461	T-2
Deere	Excavator	Track	790D	155	50,014	T-2
Hitachi	Excavator	Track	EX220 LC-3	156	52,500	T-1
Hitachi	Excavator	Track	EX230 LC-5	156	52,500	T-1
Komatsu	Excavator	Track	PC220LC-5	157	50,990	T-1
Komatsu	Excavator	Track	PC220LC-6	158	53,364	T-1
Komatsu	Excavator	Track	PC250LC-6	158	60,795	T-1
Dresser (International)	Excavator	Track	645	159	48,400	T-1
Insley	Excavator	Track	H600D	159	38,340	T-1
Deere	Excavator	Track	790E LC	155	51,725	T-1
Hitachi	Excavator	Track	EX270	161	57,300	T-1
Hitachi	Excavator	Track	EX270 LC	161	60,600	T-1
Hyundai	Excavator	Track	250 LC-3	161	54,200	T-1
Liebherr	Excavator	Track	R932 HD SL	161	58,010	T-1
Kobelco	Excavator	Track	SK220LC MARK III	163	53,800	T-1
Caterpillar	Excavator	Track	225D	165	56,860	T-1
Caterpillar	Excavator	Track	225D LC	165	58,680	T-1
Deere	Excavator	Track	792D LC	165	60,250	T-1
Fiat Allis	Excavator	Track	FX240 LC	165	54,674	T-1
Case	Excavator	Track	9040	166	52,905	T-1
Caterpillar	Excavator	Track	325	168	56,270	T-1
Caterpillar	Excavator	Track	325L	168	59,560	T-1
Caterpillar	Excavator	Track	325BL	168	60,600	T-1
Hitachi	Excavator	Track	EX270 LC-5	168	60,860	T-1
Insley	Excavator	Track	H800D	168	43,910	T-1
Komatsu	Excavator	Track	PC280LC-3	168	59,180	T-1
Samsung	Excavator	Track	SE240LC-3	168	53,160	T-1
Fiat Allis	Excavator	Track	FX250 LC	169	54,044	T-1
Deere	Excavator	Track	230LC	170	54,410	T-1
Volvo	Excavator	Track	EC240C	170	57,750	T-1
Komatsu	Excavator	Track	PC270LC-6	174	64,374	T-1

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Kobelco	Excavator	Track	SK220LC MARK IV	175	55,800	T-1
Kobelco	Excavator	Track	SK270LC MARK IV	175	61,997	T-1
Kobelco	Excavator	Track	SK250LC	176	54,700	T-1
Daewoo	Excavator	Track	DH280	177	62,200	T-1
Case	Excavator	Track	9040B	178	53,140	T-1
Case	Excavator	Track	9045B	178	62,300	T-1
Link Belt	Excavator	Track	3900 QUANTUM	178	62,536	T-1
Samsung	Excavator	Track	SE280LC-2	178	66,020	T-1
Caterpillar	Excavator	Track	229	180	69,466	T-1
Deere	Excavator	Track	270LC	180	60,660	T-1
Samsung	Excavator	Track	SE280LC	180	59,970	T-1
Daewoo	Excavator	Track	SOLAR 280LC-III	182	63,720	T-1
Koehring	Excavator	Track	6627	182	61,850	T-1
Hyundai	Excavator	Track	290 LC-3	183	64,200	T-1
Fiat Allis	Excavator	Track	FX270 LC	184	59,304	T-1
Kobelco	Excavator	Track	SK290LC	185	66,100	T-1
Caterpillar	Excavator	Track	E300	187	67,240	T-1
Caterpillar	Excavator	Track	EL300	187	69,665	T-1
Insley	Excavator	Track	H1000D	189	54,720	T-1
Deere	Excavator	Track	892D LC	195	65,983	T-1
Fiat Allis	Excavator	Track	FX310 LC	195	70,400	T-1
Hyundai	Excavator	Track	280 LC	195	59,900	T-1
Hyundai	Excavator	Track	290 LC	197	62,170	T-1
Komatsu	Excavator	Track	PC300LC-3	197	67,900	T-1
Samsung	Excavator	Track	SE280LC-3	197	63,390	T-1
Caterpillar	Excavator	Track	231D	200	76,740	T-1
Caterpillar	Excavator	Track	231D LC	200	77,340	T-1
Case	Excavator	Track	170C	201	72,395	T-1
Dresser (International)	Excavator	Track	650B	204	70,500	T-1
Caterpillar	Excavator	Track	EL300B	207	69,500	T-1
Dresser (International)	Excavator	Track	6300 LC	207	68,790	T-1
Komatsu	Excavator	Track	PC300LC-5	207	68,790	T-1
Link Belt	Excavator	Track	LS-4300C II	207	68,123	T-1
Hitachi	Excavator	Track	EX300 LC-2	208	66,600	T-1
Hitachi	Excavator	Track	EX300 LC-3	208	68,100	T-1
Komatsu	Excavator	Track	PC360LC-3	212	78,700	T-1
Liebherr	Excavator	Track	R942 HDSL	212	70,920	T-1
Hyundai	Excavator	Track	320 LC-3	218	70,330	T-1
Deere	Excavator	Track	982E LC	220	67,450	T-1

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Caterpillar	Excavator	Track	330	222	70,680	T-1
Caterpillar	Excavator	Track	330L	222	73,770	T-1
Caterpillar	Excavator	Track	330BL	222	76,300	T-1
Case	Excavator	Track	9050	223	69,237	T-1
Liebherr	Excavator	Track	R952 HD	225	95,500	T-1
Kobelco	Excavator	Track	K912LC MARK II	227	69,900	T-1
Kobelco	Excavator	Track	SK300LC MARK II	227	69,900	T-1
Koehring	Excavator	Track	6633	227	71,860	T-1
Hitachi	Excavator	Track	EX330 LC-5	228	71,649	T-1
Hitachi	Excavator	Track	EX370-5	228	80,247	T-1
Fiat Allis	Excavator	Track	FX350 LC	230	78,925	T-1
Kobelco	Excavator	Track	SK300LC MARK III	230	69,900	T-1
Komatsu	Excavator	Track	PC300LC-6	232	73,149	T-1
Komatsu	Excavator	Track	PC300HD-6	232	79,785	T-1
Deere	Excavator	Track	330LC	235	72,800	T-1
Deere	Excavator	Track	370	235	81,200	T-1
Hyundai	Excavator	Track	320 LC	235	69,670	T-1
Kobelco	Excavator	Track	SK300LC MARK IV	238	73,300	T-1
Kobelco	Excavator	Track	SK330LC	238	77,800	T-1
Case	Excavator	Track	9050B	240	71,400	T-1
Link Belt	Excavator	Track	4300 QUANTUM	240	73,600	T-1
Daewoo	Excavator	Track	SOLAR 330-III	244	71,720	T-1
Daewoo	Excavator	Track	DH320	247	70,500	T-1
Samsung	Excavator	Track	SE350LC-2	247	81,330	T-1
Caterpillar	Excavator	Track	235C	250	90,075	T-1
Caterpillar	Excavator	Track	235C	250	93,144	T-1
Caterpillar	Excavator	Track	235D	250	103,785	T-1
Caterpillar	Excavator	Track	235D LC	250	108,621	T-1
Samsung	Excavator	Track	SE350LC	250	77,600	T-1
Insley	Excavator	Track	H1500D	253	78,050	T-1
Daewoo	Excavator	Track	SOLAR 400LC-III	260	86,680	T-1
Hyundai	Excavator	Track	360 LC-3	260	81,800	T-1
Deere	Excavator	Track	992D LC	265	96,780	T-1
Komatsu	Excavator	Track	PC400LC-3	266	93,145	T-1
Hitachi	Excavator	Track	EX400 LD-3	275	90,400	T-1
Hitachi	Excavator	Track	EX400 LC	275	97,200	T-1
Case	Excavator	Track	9060	276	96,512	T-1
Dresser (International)	Excavator	Track	6400 LC	276	93,320	T-1
Hyundai	Excavator	Track	420 LC	276	95,000	T-1

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Manufacture Name	Equipment		Model	Horse Power	Weight	Equipment Class
Hyundai	Excavator	Track	450 LC	276	97,890	T-1
Komatsu	Excavator	Track	PC400LC-5	276	93,570	T-1
Deere	Excavator	Track	450LC	285	97,680	T-1
Caterpillar	Excavator	Track	350	286	109,620	T-1
Caterpillar	Excavator	Track	350L	286	111,377	T-1
Hyundai	Excavator	Track	450 LC-3	286	97,660	T-1
Kobelco	Excavator	Track	K916LC MARK II	286	98,230	T-1
Kobelco	Excavator	Track	SK400LC MARK II	286	98,230	T-1
Koehring	Excavator	Track	6644	289	97,300	T-1
Liebherr	Excavator	Track	R954 HD	289	105,420	T-1
Caterpillar	Excavator	Track	345BL	290	98,750	T-1
Daewoo	Excavator	Track	SOLAR 450-III	296	96,562	T-1
Hitachi	Excavator	Track	EX400-3	296	90,400	T-1
Hitachi	Excavator	Track	EX400 LD-3	296	---	T-1
Samsung	Excavator	Track	SE450LC-2	296	99,200	T-1
Case	Excavator	Track	9060B	300	99,958	T-1
Insley	Excavator	Track	H2500C	300	97,300	T-1
Kobelco	Excavator	Track	SK400LC MARK III	300	99,370	T-1
Link Belt	Excavator	Track	58000 QUANTUM	300	102,745	T-1
Hitachi	Excavator	Track	EX400 LC-3	301	97,200	T-1
Hitachi	Excavator	Track	EX450 LC-5	301	100,800	T-1
Kobelco	Excavator	Track	SK400LC MARK IV	306	101,684	T-1
Komatsu	Excavator	Track	PC400LC-6	306	95,147	T-1
Komatsu	Excavator	Track	PC400HD-6	306	97,665	T-1
Insley	Excavator	Track	H2500D	315	96,850	T-1
Caterpillar	Excavator	Track	245B	360	143,850	T-1

1  
 2 **PAYMENT**

3  
 4 Heavy Equipment

- 5       • On-Shift includes time worked, time that resource is held or directed to be in a  
 6 state of readiness, and compensable travel (resource traveling under its own  
 7 power) that has a specific start and ending time.  
 8       • DOUBLE SHIFT equipment is staffed with two operators or crews (one per  
 9 shift). The DS rate will apply any calendar day the DS was under hire, including  
 10 travel. There will be no compensation for a double shift unless a separate operator  
 11 is ordered in writing for the second shift. Agency personnel at the Section Chief  
 12 level may, by resource order, authorize a second operator if needed during the  
 13 assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.

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- 1                   • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
2                    For fractional days at the beginning and ending of time under hire, payment will  
3                    be based on 50% of the Daily Rate for periods less than 8 hours.  
4

5 Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment above  
6 and same operator.

- 7                   • Heavy equipment that has one operator for the transport and the heavy equipment  
8                    will be paid at 65% of the rate for the transport - minimum daily guarantee.  
9                   • MINIMUM DAILY GUARANTEE – For any time under hire for at least 8 hours,  
10                  the government will pay no less than 65% of the minimum daily guarantee, or the  
11                  mileage rate, whichever is greater. If a resource is under hire for less than 8 hours  
12                  during a calendar day, the amount earned for that day will not be less than 32.5%  
13                  the minimum daily guarantee, or the mileage rate, whichever is greater.  
14                  • Once the heavy equipment is delivered to the incident the transport is considered  
15                  released and no further payment will be made for the transport under this  
16                  agreement; until the transport is needed for demobilization of the heavy  
17                  equipment.  
18                  • If the transport is retained at the incident for the sole purpose of transporting the  
19                  heavy equipment that was originally ordered; the mileage rate or 65% of the  
20                  minimum daily guarantee will be paid until the transport is released. This must be  
21                  documented on the shift ticket.  
22                  • If approved by the Government, the contractor may keep the transport at the  
23                  incident after it has been released, but no payment will be made except when the  
24                  heavy equipment is released from the incident for return to the point of hire, or  
25                  reassigned to another incident.  
26                  • MILEAGE - Payment shall be made for the mileage rate or 65% of the minimum  
27                  daily guarantee, whichever is greater.  
28

29 Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment above  
30 and separate transport operator; include the name of the transport operator in the Remarks block  
31 (block 14) of the shift ticket.

- 32                  • MINIMUM DAILY GUARANTEE - For any time under hire for at least 8 hours,  
33                  the government will pay no less than the minimum daily guarantee, or the mileage  
34                  rate, whichever is greater. If a resource is under hire for less than 8 hours during a  
35                  calendar day, the amount earned for that day will not be less than one-half the  
36                  minimum daily guarantee, or the mileage rate, whichever is greater.  
37                  • Once the heavy equipment is delivered to the incident the transport is considered  
38                  released and no further payment will be made for the transport under this  
39                  agreement; until the transport is needed for demobilization of the heavy  
40                  equipment.  
41                  • If the transport is retained at the incident for the sole purpose of transporting the  
42                  heavy equipment that was originally ordered; the mileage rate or the minimum

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1 daily guarantee, whichever is greater, will be paid until the transport is released.  
2 This must be documented on the shift ticket.

- 3 • If approved by the Government, the contractor may keep the transport at the  
4 incident after it has been released, but no payment will be made except when the  
5 heavy equipment is released from the incident for return to the point of hire, or  
6 reassigned to another incident.
- 7 • If the transport is retained by the incident for transporting other equipment, the  
8 company owning the TRANSPORT MUST HAVE AN EXISTING agreement  
9 issued under this solicitation, and must be ordered with a separate resource order  
10 number. The point of hire will be the incident. At no time will the transport be  
11 paid more than once for a single day.
- 12 • If the transport (associated with a piece of heavy equipment) is released prior to  
13 the heavy equipment and the contractor elects to return the transport to their home  
14 base, time under hire would end at the estimated time of arrival back to the point  
15 of hire. At the conclusion of the assignment, when the heavy equipment is  
16 released, time under hire would begin when the transport begins travel back to the  
17 incident.
- 18 • MILEAGE - Payment shall be made for the mileage rate or minimum daily  
19 guarantee, whichever is greater.

20  
21 Transports (Stand Alone) – ordered under a separate resource order number by Government to  
22 remain at the incident and transport other vendor's equipment.

- 23 • On-Shift includes time worked, time that resource is held or directed to be in a  
24 state of readiness, and compensable travel (resource traveling under its own  
25 power) that has a specific start and ending time.
- 26 • MINIMUM DAILY GUARANTEE - For any time under hire for at least 8 hours,  
27 the government will pay no less than the minimum daily guarantee, or the mileage  
28 rate, whichever is greater. If a resource is under hire for less than 8 hours during a  
29 calendar day, the amount earned for that day will not be less than one-half the  
30 minimum daily guarantee, or the mileage rate, whichever is greater.
- 31 • MILEAGE - Payment shall be made for the mileage rate or minimum daily  
32 guarantee, whichever is greater.
- 33 •

34 **Heavy Equipment w/Transport Example**

35 **Scenario#1:** Contractor brings a dozer to an incident on June 1, traveling 120 miles. The  
36 dozer is not off-loaded until June 3, and the transport is released at that time. The dozer is  
37 released on June 20, resulting in the dozer being under hire for 20 days. The dozer's daily rate  
38 is \$1200 with a mobilization demobilization rate of \$3.00/mile. The minimum daily guarantee  
39 for the transport is \$650. Only 1 operator is provided for both the transport and dozer.

40 Calculation:

41 Dozer – 20 days at daily rate (20 x \$1,200) = \$24,000

42 Transport –

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1 Mobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650 x  
2 65%) (whichever is greater) = \$422.50  
3 Demobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650 x  
4 65%) (whichever is greater) = \$422.50  
5 1 days at Minimum Daily Guarantee (1 x \$650 x 65%) = \$422.50  
6 Total Payment = \$25,267.50  
7

8 **Scenario #2:** Contractor brings a dozer to an incident on June 1, traveling 120 miles. The  
9 dozer is off-loaded immediately, but the transport is ordered held at the incident to transport  
10 other equipment. The dozer and transport are both released on June 20, resulting in them  
11 being under hire for 20 days. The dozer's daily rate is \$1200 with a mobilization  
12 demobilization rate of \$3.00/mile. The minimum daily guarantee for the transport is \$650.  
13 Two (2) operators are provided.

14 Calculation:

15 Dozer – 20 days at daily rate (20 x \$1,200) = \$24,000

16 Transport –

17 Mobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650)  
18 (whichever is greater) = \$650

19 Demobilization – 120 miles x \$3.00 = \$360.00 or 1 day at minimum daily guarantee (\$650)  
20 (whichever is greater) = \$650

21 18 days at Minimum Daily Guarantee (18 X \$650) = \$11,700

22 Total Payment = \$37,000  
23

24 **18. Faller Module (Competitive)**

25 For incident only signups utilize specifications and terms and conditions in the national  
26 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
27 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

28  
29 Services of Single Fallers and Faller Modules (2 fallers) for falling fire damaged and hazardous  
30 trees for use on a local, regional and nationwide basis. The Contractor is responsible for all  
31 equipment, materials, supplies, transportation, lodging, trained/qualified personnel, and  
32 supervision and management of those personnel, necessary to meet or exceed the Agreement  
33 specifications.  
34

35 **EQUIPMENT REQUIREMENTS**

36  
37 Equipment (saw(s) and vehicle(s)) shall meet all standards established by specification or  
38 incorporated by reference and shall be maintained in good repair by the Contractor.  
39

40 **Minimum Equipment Requirements:**

41  
42 Contractor shall be responsible for ensuring all personnel arrive at the incident with the proper  
43 Personal Protective Clothing and Equipment as prescribed in the agreement. Contractor shall be

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1 responsible for ensuring the Personal Protective Equipment is operable and maintained in good  
2 repair throughout the duration of any assignment. Contractor shall be responsible for ensuring  
3 that all personnel arrive with the following:  
4

5 **Personal Protective Equipment (PPE):**  
6

- 7 • **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug  
8 type sole in good condition (steel toed boots are not acceptable).
- 9 • **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- 10 • **GLOVES:** One pair of heavy-duty leather per person.
- 11 • **CHAPS:** One pair per person meeting USFS Specification 6170-4F or certified to  
12 NFPA 1977.
- 13 • **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).
- 14 • **HEARING PROTECTION:** Use hearing protection whenever sound levels exceed  
15 85 dB.
- 16 • **HEAD LAMP:** With batteries and attachment for hardhat.
- 17 • **FIRE SHELTER:** New Generation Fire Shelter is required.
- 18 • **FLAME RESISTANT CLOTHING (Shirt and Pants).** A minimum of two full  
19 sets of flame resistant shirt and pants. For routine fireline duties, flame resistant  
20 clothing must be certified to NFPA 1977.

21 **NOTE:** It is recommended that fireline personnel wear a short-sleeved t-shirt, underwear,  
22 and socks under fire clothing and boots. T-shirts and underwear should be 100% cotton  
23 or a 100% flame resistant blend of fibers. Socks should be cotton, wool, or a blend of  
24 flame resistant fibers.  
25

26 **Chainsaw: Two (2) required per faller.**  
27

- 28 • Operational.
- 29 • Minimum of 30" or longer bar for larger diameter timber.
- 30 • Power head minimum 67 cubic centimeter (cc) or larger.
- 31 • Operational approved spark arrester.
- 32 • Chainbrake (functional).
- 33 • All necessary maintenance tools, supplies, and parts to keep the saw operating in  
34 a safe and efficient manner (i.e. bar or saw tool, files, chain, gas/oil, etc.).  
35

36 **Other Equipment:**

- 37 • Wedges
- 38 • Falling axe  
39

40 **Transportation:**

41 The Contractor shall provide dependable ground transportation that meets all State and Federal  
42 laws relating to motor vehicle operation. The vehicle must be capable of providing transportation

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1 to and from the fireline. The Contractor shall ensure that seatbelts will be available and used by  
2 every passenger in any vehicle while in motion. Vehicle MUST be 4-wheel or all wheel drive  
3 capable. Vehicle must be capable of carrying saws and hazardous materials (i.e. fuel) external  
4 from the passenger compartment.

5  
6 **Training/Experience:**

7  
8 Each person under this Agreement shall meet the following minimum requirements:

- 9
- 10 • 3 years experience in the commercial logging industry as a timber faller and/or 3  
11 years experience as a faller on wildfire incidents (1,000 hours of timber falling is  
12 equal to 1 year of experience).
  - 13 • RT-130 Annual Fireline Refresher including fire shelter.
  - 14 • Light Work Capacity Fitness Test (walk 1 mile with no pack in 16 minutes).
  - 15 • The government reserves the right to verify training and experience at any time  
16 for all fallers.

17 **PAYMENT**

- 18
- 19 • On-Shift includes time worked, time that resource is held or directed to be in a state of  
20 readiness, and compensable travel (resource traveling under its own power) that has a  
21 specific start and ending time.
  - 22 • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For  
23 fractional days at the beginning and ending of time under hire, payment will be based on  
24 50 percent of the Daily Rate for periods less than 8 hours.

25  
26 **19. Feller Buncher (Competitive)**

27 For incident only signups utilize specifications and terms and conditions in the national  
28 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
29 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

30  
31 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
32 personnel, and supervision and management of those personnel, necessary to meet or exceed the  
33 Agreement specifications.

34  
35 **EQUIPMENT REQUIREMENTS**

36  
37 Equipment shall meet all standards established by specification or incorporated by reference and  
38 shall be maintained in good repair by the Contractor.

39  
40 **Equipment Typing:**

- 41
- 42 • Type 1 Feller Bunchers: 226+ HP
  - 43 • Type 2 Feller Bunchers: 160-225 HP

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**Minimum Equipment Requirements:**

**All Transportation Vehicles:** shall be in sound mechanical condition with sufficient horsepower and mainframe configurations to ensure successful performance on roads and highways. All vehicles under this Agreement shall be able to be legally driven on highways under their own power and be able to travel at a minimum of 50 miles an hour.

**Biobased Products:** This procurement requires the use of biobased products to the extent that such products are reasonably available, meet agency or relevant industry performance standards, and are reasonably priced. Where available, these products should first be acquired from among qualified products that fall under the umbrella of items designated through the Federal Biobased Products Preferred Procurement Program (FB4P). Information is available at: <http://www.biopREFERRED.gov/>.

**Prohibited Marking:** Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.

**Vehicle Licensing Requirements:** All Units offered and used under this Agreement shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23).

**Training/Experience:**

Each person under this Agreement shall meet the following minimum requirements:

- RT-130 Annual Fireline Refresher including fire shelter.
- Commercial Drivers License (for transports, when required).
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)

**PAYMENT**

- On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel (resource traveling under its own power) that has a specific start and ending time.
- DOUBLE SHIFT equipment is staffed with two operators or crews (one per shift). There will be no compensation for a double shift unless a separate operator is ordered in writing for the second shift. Agency personnel at the Section Chief level may, by resource order, authorize a second operator if needed during the assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.

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- 1           • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
2           For fractional days at the beginning and ending of time under hire, payment will be  
3           based on 50 percent of the Daily Rate for periods less than 8 hours.  
4

5           20. **Fuel Tender (Competitive)**

6           For incident only signups utilize specifications and terms and conditions in the national  
7           templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
8           rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.  
9

10          Services to provide Fuel Tender (s) for use on a local, Regional and Nationwide basis. The  
11          Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
12          personnel, and supervision and management of those personnel, necessary to meet or exceed the  
13          Agreement specifications. Fuel Tenders may be used on mountainous roads with gravel or  
14          native surfaces, narrow, unimproved roads, off roads, in mountainous, rangeland and timbered  
15          areas, and may be operated where there is brush and trees growing on the shoulders. See  
16          definition of ordinary wear and tear. The contractor supplied Fuel Tender operator has the final  
17          say on where and how the vehicle can be used.  
18

19          **EQUIPMENT REQUIREMENTS**

20  
21          Equipment shall meet all standards established by specification or incorporated by reference and  
22          shall be maintained in good repair by the Contractor.  
23

24          **Equipment Typing:**

- 25  
26               • Type 1 – 3501+ gallons  
27               • Type 2 – 2501 - 3500 gallons  
28               • Type 3 – 500 - 2500 gallons  
29

30          **Minimum Equipment Requirements:**

- 31  
32               1. Fuel Tender shall be fully registered as a commercial vehicle and be current with all  
33               DOT, EPA and state inspection requirements.  
34               2. Fuel Tenders shall be provided with a qualified operator at all times.  
35               3. Fuel Tender dispensing system shall have a separate dispensing system for each product  
36               offered. The Contractor shall provide diesel and unleaded fuel.  
37               4. Fuel Tender shall contain a certified meter to measure accurate deliveries.  
38               5. Spill containment kits are required and must meet state and federal hazardous materials  
39               containment requirements.  
40  
41               6. Fuel Tender tank shall have the following proof of testing:  
42               (a) Have proof of a current yearly visual and leakage (VK) test  
43               (b) Have proof of an Internal and Pressure (I&P) within the last 5 years

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- 1 (c) All fuel tenders must comply with local certification processes.
- 2 (d) Valves:
- 3 1. All tank control valves shall be protected by an emergency shutoff valve.
- 4 2. Handles shall be painted red or a decal should direct the user to the emergency
- 5 valve.
- 6 3. All valves shall shut completely with no leaking fuel
- 7 4. Tank control valves shall be equipped with fusible nuts
- 8 (e) Wiring:
- 9 1. All electrical wiring within tank compartments shall be covered with no exposed
- 10 wire
- 11 2. All lights and switches shall be in explosion proof housings
- 12 3. Openings into fixtures shall be protected with rubber grommets to seal out fuel
- 13 fumes.
- 14 (f) Hoses and nozzles:
- 15 1. Nozzles shall be of proper size for dispensing fuel
- 16 2. Large nozzle for Diesel
- 17 3. Small for unleaded
- 18 4. Hoses shall be in good condition with no deep cracks or leaking surfaces
- 19
- 20 7. Fuel Tender must have a bonded hose reel and/or a ground rod and cable for grounding
- 21 the tender while fueling.
- 22 Safety Items:
- 23 a. 2A-10BC Fire Extinguisher
- 24 b. Fuel spill response kit
- 25 c. Hazardous materials compliance pocketbook
- 26 d. Emergency Response guidebook (Most Current Edition)
- 27
- 28 8. All Fuel Tenders shall have:
- 29 (a) An audible reverse warning device (backup alarm) of 87 decibel or greater measured
- 30 at 5 feet behind and in the center of the equipment.
- 31 (b) A fire extinguisher, multi-purpose 2A-10BC that is securely mounted to the vehicle
- 32 and accessible by the operator. The fire extinguisher shall have a current annual
- 33 inspection tag and the annual maintenance tag in regards to a 6 year annual
- 34 inspection and every 12 years regarding a hydro test on all dry powder, metal fire
- 35 extinguishers.
- 36 (c) Chock Blocks appropriate size (2 Required)
- 37 (d) Seat belts available for driver and any passengers.
- 38 (e) Flashlight (Minimum of 2 "D" Battery)
- 39
- 40 9. Operational Requirements:
- 41 (a) The Contractor shall provide a properly trained and licensed operator to manage the
- 42 daily operations of the fuel tender. The Contractor shall be responsible to provide
- 43 fuel for the incident in a safe and efficient manner.

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- 1 (b) Contractors shall be able to accept all major credit cards for payment of fuel and  
2 providing receipts for sales at the incident. If camp location precludes the use of  
3 credit cards, the Contractor shall complete the Emergency Equipment Fuel and Oil  
4 Issue tickets, OF-304, and reconcile them with the finance section on a daily basis.  
5 1. Fuel will be paid at the current local commercial bulk fuel price. Per gallon price  
6 will be established at the time of hire and shall be displayed in a visible fashion.  
7 Due to the rapidly changing nature of fuel prices, no guarantees can be made for  
8 prices of fuel and the contractor has the right to charge what is fair and accurate  
9 based on the bulk fuel price.  
10 2. No separate payments will be made for nursing tender or spill containment kits or  
11 structures.  
12 3. Off-road diesel fuel shall not be dispensed by the fuel tender.

13  
14 10. All transportation vehicles shall be in sound mechanical condition with sufficient  
15 horsepower and mainframe configurations to ensure successful performance on roads  
16 and highways, or in terrain described in these specifications. All vehicles under this  
17 Agreement shall be able to be legally driven on highways under their own power and be  
18 able to travel at a minimum of 50 miles an hour.

19  
20 11. Fuel Containment Structures and Spill Prevention, Control, and Countermeasures:  
21 Contractors shall provide a portable fuel containment structure to contain potential  
22 spills/leaks. Storage containment structures shall be portable with collapsible walls, have  
23 the capacity to hold 110 percent of the contents of the tank capacity plus freeboard for  
24 precipitation, and shall be impermeable. A manual sump pump shall be used to collect  
25 rain water that may accumulate in the containment structure. Any discharge should be  
26 inspected for petroleum/chemicals prior to being dispensed.

27  
28 12. If fuel storage exceeds 1,320 gallons in containers of 55 gallons or greater, the  
29 Contractor shall prepare a Spill Prevention Control and Countermeasures Plan (SPCC).  
30 Contractors may self-certify their SPCC Plan if storage capacity is 10,000 gallons or less  
31 (reference 40 CFP, Appendix G to Part 112). Contractor shall comply with spill  
32 reporting requirements in accordance with 40 CFR 110. The Contractor shall take  
33 whatever initial action to safely contain all spills.

34  
35 **PAYMENT**

- 36  
37 • On-Shift includes time worked, time that resource is held or directed to be in a state  
38 of readiness, and compensable travel (resource traveling under its own power) that  
39 has a specific start and ending time.  
40 • DOUBLE SHIFT - equipment is staffed with two operators or crews (one per shift).  
41 There will be no compensation for a double shift unless a separate operator is ordered  
42 in writing for the second shift. Agency personnel at the Section Chief level may, by

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resource order, authorize a second operator if needed during the assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.

- **DAILY RATE** - Payment will be made on basis of calendar days (0001 – 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours

**21. Fuel Vendor/Gas Station (Informal or Commercial)**

Available from a number of commercial sources. Rates should be the standard commercial rates.

**22. Generator (Commercial)**

Available from a number of commercial sources. Rates should be the standard commercial rates.

**23. GIS Units (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.

Services to provide GIS units for use on a local, Regional and Nationwide basis, to produce maps for incident support. The Contractor is responsible for all equipment, materials (unless otherwise specified), supplies (unless otherwise specified), transportation, lodging, trained/qualified personnel (if ordered), and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Contractor Provided Equipment. Equipment (GIS unit(s) and transportation vehicle(s)) shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Minimum Equipment Requirements:**

Trailer, either cargo or camper style (applicable to ALL TYPES being solicited):

1. Minimum 20' length x 7' wide, excluding tongue.
2. Air Conditioning Unit(s): Self-contained, climate controlled unit with air conditioning (air conditioned to maintain 70 to 75 F degree temperature in trailer).
3. Heating System: Sufficient to provide heating commensurate with the internal trailer dimensions, installed electric base board heaters or propane gas equivalent; no free standing heaters (heating system to maintain 70 to 75 F degree temperature in trailer).
4. AC power source (generator) that is adequate to provide sufficient power for all onboard systems.
5. All necessary fuel and power (The Contractor is authorized to purchase fuel from the fuel vendor if provided at the incident, fuel vendors will be required to accept credit cards. In the event the unit comes unoperated, fuel will be supplied by the

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- 1 government but the cost for that fuel will be deducted from the vendor's use invoice.
- 2 Fuel supplied by the Government will be documented on the OF-304, Fuel and Oil
- 3 Issue and copies of those fuel issues will be in the vendor's use envelope).
- 4 6. Uninterruptable Power Supply (UPS) and line conditioner system.
- 5 7. Unit must meet Occupational Safety and Health Administration (OSHA) work
- 6 environment requirements.
- 7 8. Wheel Chocks: Two (2) sets minimum, one set for each side of trailer (or unit).
- 8 9. Trailer stabilizer.
- 9 10. Awning: The awning is optional but if one is provided it shall be a workable standard
- 10 trailer awning, minimum 14' length.
- 11 11. Windows: Windows are optional but if they are provided a minimum of two (2), 30"
- 12 W x 26" H for natural lighting and air flow, (one in each work area).
- 13 12. Internal Lighting: Sufficient to provide adequate light for night time operations. In
- 14 addition, all lighting for individual workstations can either be wall mounted or ceiling
- 15 mounted as long as it produces a light level of 50 average maintained foot-candles at
- 16 the working surface. This shall be maintained throughout the working space.
- 17 13. Outside Lighting: Sufficient to provide light all entrance ways (two way directional
- 18 security light).
- 19 14. Steps: If needed, to provide safe entry/exit from the trailer or unit.
- 20
- 21 Type 1:
- 22 1. Four (4) computer workstations with Windows based operating systems (Windows
- 23 2000 SP4 or better, Windows XP SP3 or better is preferred). Computers must be able
- 24 to be configured to accept Dynamic Host Configuration Protocol (DHCP) service for
- 25 connectivity. All computers will be configurable for administrative rights for incident
- 26 personnel.
- 27 2. Workspace and tables/chairs to accommodate an additional two (2) workers, for a
- 28 total of six (6) workstations.
- 29 3. All computer workstations, printers and plotters shall be networked, expandable to an
- 30 additional ten (10) external workstations (i.e., 16-port router).
- 31 4. Minimum Connectivity speed of 100 mbs, up to 1 Gbps.
- 32 5. Network cables and power strips.
- 33 6. A system administrator for initial setup of systems and network. System administrator
- 34 must be available as-needed within 24 hours, to ensure functionality.
- 35 7. Re-imaging or clone hard drive capabilities required for system failure.
- 36 8. Daily backup capability or redundancy of all data and products.
- 37 9. DVD/CD RW writer on each workstation/server.
- 38 10. ArcGIS 9.3.1, or most current version, installed with ArcInfo License.
- 39 11. ArcGIS extensions (most recent versions) to include: ArcPress, Fire Incident
- 40 Mapping Tool (FIMT), Spatial Analyst, 3D Analyst, Xtools, Minn.DNR Garmin
- 41 (GPS download software), and Customized Style files for Incident Command System
- 42 (ICS) symbology provided for ArcGIS.

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- 1 12. Microsoft Office Suite or better (Office XP or Office 2007 preferred). Office must  
2 include Word, Excel, Access, Power Point, and Front Page.
- 3 13. Photo editing software.
- 4 14. Color printer (1), capable of 11" x 17" prints, networked (not USB) (i.e. HP 1220 or  
5 equivalent).
- 6 15. Large format (E size) plotter (i.e. HP 1055CM, HP 5000, HP 800 or equivalent).
- 7 16. Vendor shall arrive at the incident with the following supplies for number 13 and 14:  
8 a. Large format plotter - two (2) full sets of ink and twenty (20) rolls of paper (a  
9 minimum of 5 rolls shall be a base weight of 24 lb. and a minimum length of  
10 150' per roll);
- 11 b. Color printer - two (2) full sets of printer cartridges and two (2) reams each of  
12 8 1/2" x 11" and 11" x 17" paper (all paper shall contain a minimum of 30%  
13 recycled content);
- 14 c. During the incident, all plotter and printer supplies (i.e., consumable items)  
15 will be purchased by the incident. The intent of this clause is to pass through  
16 to the incident the cost of the supplies listed above that are consumed during  
17 the incident. The vendor would leave the incident with the same supplies they  
18 arrived with (i.e., two (2) full sets of ink and twenty (20) rolls of paper for the  
19 plotter; two (2) full sets of printer cartridges and two (2) reams each of 8 1/2" x  
20 11" and 11" x 17" paper for the color printer). If the (consumable supplies) are  
21 unable to be provided to the vendor before they depart the incident, the vendor  
22 can submit a claim for reimbursement (based on current catalog pricing). See  
23 Section C.5 for claim settlement authority.
- 24 17. White board (minimum 2' x 3') with dry erase marker.

25  
26 Type 2:

- 27 1. Two (2) computer workstations with Windows based operating systems (Windows  
28 2000 SP4 or better, Windows XP SP3 or better is preferred). Computers must be able  
29 to be configured to accept Dynamic Host Configuration Protocol (DHCP) service for  
30 connectivity. All computers will be configurable for administrative rights for incident  
31 personnel.
- 32 2. Workspace and tables/chairs to accommodate an additional two (2) workers, for a  
33 total of four (4) workers.
- 34 3. All computer workstations, printers and plotters shall be networked, expandable to an  
35 additional ten (10) external workstations (i.e., 16-port router).
- 36 4. Minimum Connectivity speed of 100 mbs, up to 1 Gbps.
- 37 5. Network cables and power strips.
- 38 6. A system administrator for initial setup of systems and network. System administrator  
39 must be available as-needed within 24 hours, to ensure functionality.
- 40 7. Re-imaging or clone hard drive capabilities required for system failure.
- 41 8. Daily backup capability or redundancy of all data and products.
- 42 9. DVD/CD RW writer on each workstation/server.
- 43 10. ArcGIS 9.3.1, or most current version, installed with ArcInfo License.

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- 1 11. ArcGIS extensions (most recent versions) to include: ArcPress, Fire Incident  
2 Mapping Tool (FIMT), Spatial Analyst, 3D Analyst, Xtools, Minn.DNR Garmin  
3 (GPS download software), and Customized Style files for Incident Command System  
4 (ICS) symbology provided for ArcGIS.
- 5 12. Microsoft Office Suite, 2000 Professional or better (Office XP or Office 2007  
6 preferred). Office must include Word, Excel, Access, Power Point, and Front Page.
- 7 13. Photo editing software.
- 8 14. Color printer (1), capable of 11" x 17" prints, networked (not USB) (i.e. HP 1220 or  
9 equivalent).
- 10 15. Large format (E size) plotter (i.e. HP 1055CM, HP 5000, HP 800 or equivalent).
- 11 16. Vendor shall arrive at the incident with the following supplies for number 13 and 14:  
12 a. Large format plotter - two (2) full sets of ink and twenty (20) rolls of paper (a  
13 minimum of 5 rolls shall be a base weight of 24 lb. and a minimum length of  
14 150' per roll);  
15 b. Color printer - two (2) full sets of printer cartridges and two (2) reams each of  
16 8 ½" x 11" and 11" x 17" paper (all paper shall contain a minimum of 30%  
17 recycled content);  
18 c. During the incident, all plotter and printer supplies (i.e., consumable items)  
19 will be purchased by the incident. The intent of this clause is to pass through  
20 to the incident the cost of the supplies listed above that are consumed during  
21 the incident. The vendor would leave the incident with the same supplies they  
22 arrived with (i.e., two (2) full sets of ink and twenty (20) rolls of paper for the  
23 plotter; two (2) full sets of printer cartridges and two (2) reams each of 8½" x  
24 11" and 11" x 17" paper for the color printer). If the consumable supplies are  
25 unable to be provided to the vendor before they depart the incident, the vendor  
26 can submit a claim for reimbursement (based on current catalog pricing). See  
27 Section C.5 for claim settlement authority.
- 28 17. White board (minimum 2' x 3') with dry erase marker.

29  
30 Type 3:

- 31 1. Workspace and tables/chairs to accommodate a minimum of five (5) workers
- 32 2. Network cables and power strips.
- 33 3. Color printer (1), capable of 11" x 17" prints, networked (not USB) (i.e. HP 1220 or  
34 equivalent).
- 35 4. Large format (E size) plotter (i.e. HP 1055CM, HP 5000, HP 800 or equivalent).
- 36 5. Ancillary network hardware such as Cat 5e cables.
- 37 6. Network Switch or Router that meets the following specs:  
38 a. **Standards:** Draft 802.11n, 802.11g, 802.11b, 802.3, 802.3u  
39 b. **Ports:** Power, Internet, Ethernet  
40 c. **Buttons:** Reset, Wi-Fi Protected Setup  
41 d. **LEDs:** Ethernet (1-4), Wi-Fi Protected Setup, Wireless, Internet, Power  
42 e. **Cabling Type:** CAT 5e  
43 f. **# of Antennas:** 1 or 2

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- g. **Detachable (Y/N):** No
- h. **RF Pwr (EIRP) in dBm:** 14 dBm
- i. **UPnP able/cert:** Able
- j. **Security Features:** WEP, WPA, WPA2
- k. **Security Key Bits:** 128-Bit, 256-Bit

7. White board (minimum 2' x 3') with dry erase marker.

8.

Optional Item: Satellite or high speed internet connection which may be made available to support other units in the incident camp.

1. Minimum bandwidth: 1.5Meg/s Download speed, 768kbps Upload speed.
2. Dynamic IP addressing with port address translating or static ip addressing must allow at least 40 internal concurrent host accesses.
3. The ability to support for 3DES IPsec tunneling is required to support end to end solutions where remote access is needed.
4. Minimum Hardware: WI-FI Access Points: 802.11 A/B/G compatible with WEP key encryption options.
5. Browser administrated.
6. Power over Ethernet capable.
7. POE 8 port data switch.

Incident Related Data: All base data, Digital Raster Graphics (DRG), Ortho quads, roads, streams, etc. will be supplied by the incident. All data provided on the incident and products produced will be under the direction of the Situation Unit Leader or Plans Chief. No product or data shall be removed from the incident. Some data is sensitive in nature and shall be wiped from all systems prior to demobilization.

The following ten (10) Basic Map Products are generally produced for Incident Support. For more details on these reports, refer to the following publication "GIS Standard Operating Procedures on Incidents," June 2006, PMS 936 or NFES 2809

<http://www.nwcg.gov/pms/pubs/GSTOP7.pdf>:

1. Incident Action Plan (IAP) Map
2. Incident Briefing Map
3. Situations/Plans Map
4. Transportation Map
5. Facilities Map
6. Aviation Map
7. Progression Map
8. Ownership Map
9. Damage Assessment Map
10. Rehabilitation Map

All transportation vehicles shall be in sound mechanical condition with sufficient horsepower and mainframe configurations to ensure successful performance on roads and highways, or in

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1 terrain described in these specifications. All vehicles under this Agreement shall be able to be  
2 legally driven on highways under their own power and be able to travel at a minimum of 50  
3 miles an hour.

4  
5 **Training/Experience:**

6  
7 The Contractor may be required to provide one or more GIS Specialist(s) (GISS). If ordered, the  
8 minimum qualifications stated below must be met.

9  
10 GIS Specialist (GISS) Qualifications - All GISS personnel shall be trained in accordance with  
11 NWCG Wildland Fire Qualifications Systems Guide PMS 310-1 for this position.

12  
13 **PAYMENT**

- 14  
15 • On-Shift includes time worked, time that resource is held or directed to be in a state of  
16 readiness, and compensable travel (resource traveling under its own power) that has a  
17 specific start and ending time.  
18 • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For  
19 fractional days at the beginning and ending of time under hire, payment will be based on  
20 50 percent of the Daily Rate for periods less than 8 hours.

21  
22 24. **Gray Water Truck (Competitive)**

23 For incident only signups utilize specifications and terms and conditions in the national  
24 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
25 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.

26  
27 Services for Gray Water Trucks for use on a local, regional and nationwide basis. The  
28 Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
29 trained/certified personnel, and supervision and management of those personnel, necessary to  
30 meet or exceed the Agreement specifications.

31  
32 **EQUIPMENT REQUIREMENTS**

33  
34 Equipment shall meet all standards established by specification or incorporated by reference and  
35 shall be maintained in good repair by the Contractor.

36  
37 **Equipment Typing:**

- 38 • Type 1 – 4000+ gallons  
39 • Type 2 – 2500-3999 gallons  
40 • Type 3 – 1000-2499 gallons  
41 • Type 4 – 400-999 gallons  
42  
43

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**Minimum Equipment Requirements:**

- (a) Tanks shall be constructed to the following requirements at a minimum and if established, meet all State requirements for certification compliance:
- (1) Tanks shall meet industry standards, be of metal construction, welded or riveted, and shall be water tight and splash proof. Poly tanks are acceptable as long as they meet industry standards. Any open overhead fill shall be securely sealed (water tight). All tanks shall be equipped with a sight tube or automatic shut-off to prevent over filling tanks.
  - (2) The tank shall be attached to chassis frame or to a structurally sound flat bed in such a way to withstand pitch, roll and yaw of the load during on and off road operation of the unit without damaging the tank or other chassis components.
  - (3) Tank shall be labeled "GRAY WATER" with capacity in gallons shown conspicuously on each side of the tank in letters at least 4 inches high. Name, city, and state of Contractor shall appear on both sides of the tank or on both truck cab doors in lettering at least 2 inches in height.
- (b) Pumps shall be constructed to prevent leakage, spillage, or splashing. On all diaphragm or similar types of open pumps, a tight metal hood shall be provided over the pump. Pumps may be either of the following:
- (1) Vacuum pump system (Type GWV) Vacuum system that meets commercial vacuum truck specifications and requirements.
  - (2) Pump system (Type GWP) Standard commercial pumping system.
- (c) Discharge Gates or Valves shall be leak proof and constructed so as to discharge contents in a manner that will not create a nuisance. All inlets and outlets shall be provided with a cap to prevent dripping.
- (d) Hose. Minimum of 100 feet of hose shall be provided to pump contents from gray water holding tanks to truck tanks without spillage. Hoses are to be cleaned on premises without any spillage of contents on the ground. A 2 inch male and a 2 inch female camlock adapter are required to attach the pump truck to the storage tank. It is the responsibility of the Contractor to provide adapters and fittings that are industry acceptable for gray water disposal.
- (e) Racks shall be provided for carrying equipment on the truck. All parts of the truck and equipment shall be easily cleanable, with no pockets which can accumulate waste.

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1 (f) State or Local Certifications:  
2

3 (1) Current State or Local Septic Tank, Cesspool, and Privy Cleaner License with  
4 counties listed where wastewater will be collected or equivalent for each state  
5 operating in.  
6

7 (2) Current State or Local Septic Tank, Cesspool, and Privy Cleaner Vehicle Inspection  
8 or equivalent for each state operating in.  
9

10 (g) Dumping Sites. The host incident unit may designate the gray water dumping site; if not,  
11 the Contractor is required to identify an approved dumping site. The dumping site cost, if  
12 any, will be paid by the Government directly or by reimbursement to the gray water  
13 Contractor. A copy of the billing statement from the owner of the dumping site to the  
14 Contractor must be submitted to the Government if a Contractor requests reimbursement.  
15

16 **Additional Requirements for Gray Water Trucks:**  
17

- 18 1. An audible reverse warning device (backup alarm) of 89 decibel or greater measured at 5  
19 feet behind and in the center of the equipment.
- 20 2. A fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle and  
21 accessible by the operator. The fire extinguisher shall have a current annual inspection  
22 tag and the annual maintenance tag in regards to a 6 year annual inspection and every 12  
23 years regarding a hydro test on all dry powder, metal fire extinguishers.
- 24 3. Approved spark arrester on all naturally aspirated engines
- 25 4. Seat belts
- 26 5. Flashlight  
27

28 Service trucks for pumping black water from portable toilet units may not be used for servicing  
29 and pumping gray water from wash stations units, bladder bags, or other holding tanks unless  
30 they are specifically designed for this use and have properly labeled compartmental units which  
31 meet all federal, state and local sanitation regulations.  
32

33 **PAYMENT**  
34

- 35 • **DOUBLE SHIFT** - equipment is staffed with two operators or crews (one per shift).  
36 There will be no compensation for a double shift unless a separate operator is ordered in  
37 writing for the second shift. Agency personnel at the Section Chief level may, by  
38 resource order, authorize a second operator if needed during the assignment. Double  
39 shifts, when ordered, will be paid at 165% of the daily rate. (Not applicable to Trailer  
40 Mounted Handwashing Stations)
- 41 • **DAILY RATE** - Payment will be made on basis of calendar days (0001 - 2400). For  
42 fractional days at the beginning and ending of time under hire, payment will be based on  
43 50 percent of the Daily Rate for periods less than 8 hours.

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1  
2       25. **Handwashing Station, Trailer Mounted (Competitive)**

3 For incident only signups utilizing specifications and terms and conditions in the national  
4 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
5 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

6  
7 Services for trailer mounted hand washing stations for use on a local, regional and nationwide  
8 basis. The Contractor is responsible for all equipment, materials, supplies, transportation,  
9 lodging, trained/certified personnel, and supervision and management of those personnel,  
10 necessary to meet or exceed the Agreement specifications.

11  
12 **EQUIPMENT REQUIREMENTS**

13  
14 Equipment shall meet all standards established by specification or incorporated by reference and  
15 shall be maintained in good repair by the Contractor.

16  
17 **Minimum Equipment Requirements:**

- 18  
19       1. **Self-contained.** The trailer mounted handwashing station must be self-contained, to  
20 include a power source or generator for lighting and heating of water. The contractor  
21 shall keep units cleaned and fully stocked with paper towels and phosphate-free liquid  
22 soap.
- 23  
24       2. **Potable water** shall be used for all wash basins, and comply with potable water truck  
25 standards listed above.
- 26  
27       3. **Minimum 250 gallons** of potable water storage.
- 28  
29       4. **Wash Basins (Sinks)**
- 30  
31           • Units shall have a minimum of **8 wash basins (sinks)** and with a mirror for each sink,  
32 or one solid mirror of sufficient length and height which provides viewing at each  
33 sink.
  - 34  
35           • All washbasins shall have adequate lighting for use of the wash basins in darkness.
  - 36  
37           • Minimum 500-gallon storage of gray water. Gray water disposal will be the  
38 responsibility of the Government.
  - 39  
40           • Each wash basin (sink) shall provide hot and cold water, shall control gray water, and  
41 shall have a minimum of one liquid soap dispenser and one enclosed paper towel  
42 dispenser for every two sinks. Each wash basin (sink) shall also have the ability to  
43 hold water with built in or permanently attached stoppers.

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- Each wash basin shall provide hot water and cold water through a mixing faucet that allows for the washing of both hands while the water is running and have continuous hot water heating capable of maintaining up to 110° F.
- Contractor shall make provisions to prevent incident personnel from standing in water puddles, or mud on the ground, adjacent to the sinks.

5. Equipment Marking

- All bladder bags used shall have the size and use labeled on them in a conspicuous place in letters and numbers no less than 4 inches in height, (for example: 500 Gallons Gray Water).
- All bladder bags must conform to NWCG specifications, to include testing and sanitization (for potable water).

All hoses used shall be labeled at both ends to identify their use (i.e. gray or potable).

Service trucks for pumping black water from portable toilet units may not be used for servicing and pumping gray water from wash stations units, bladder bags, or other holding tanks unless they are specifically designed for this use and have properly labeled compartmental units which meet all federal, state and local sanitation regulations.

**PAYMENT**

Payment for handwashing stations will be made at the rate (daily, weekly, monthly) that is most advantageous to the government. For payment purposes, the payment computation will start over after each 7 day period and after the 30th day for any period of time under hire.

26. Heavy Equipment With Water: Skidgine/Skidder/Pumpercat (Competitive)

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations> . Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php> .

Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Equipment (vehicle, tank, pump, accessories, and equipment complement) shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

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**Minimum Equipment Requirements:**

All equipment shall have:

- An audible reverse warning device (backup alarm) of 87 decibel or greater measured at 5 feet behind and in the center of the equipment.
- Equipment modified to transport water, such as skidgines, shall be configured in a manner that the center of gravity for the vehicle is within the design limits of the original equipment. The contractor shall be responsible for providing certification from a licensed mechanical engineer or the original equipment manufacturer, which states that the design limits of the original equipment has not been compromised and that mounting hardware is rated for the load secured by the hardware.
- The tank shall be securely attached to the chassis in such a way to withstand pitch and roll of the load during off road operation of the unit without damaging the tank or other chassis components. All hardware must be rated to handle the load it is securing. No fiberglass or plastic tanks will be accepted unless surrounded by steel to prevent puncture damage.
- Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. Free Floating Baffle System - baffles which reduce the shifting of the water load AND do not compromise the structural integrity of the originally manufactured tank are acceptable. If a Free Floating Baffle –System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturers recommendation. All tanks shall comply with one (1) longitudinal baffle regardless of width and one (1) transverse baffle at a minimum of every 52". All baffles must cover 75% of the plane of the tank.
- Pump:
  - The pump may be an auxiliary powered pump or a power take-off pump. All pumps shall have a discharge pressure gauge. If the pump is of the positive displacement type, a bypass or pressure relief valve shall be provided. The pump shall meet minimum capabilities for the type of Contract Equipment.
  - The pump, as mounted, shall be capable of drafting water from a water source located 10 feet vertical distance below the pump head through the required 20 feet of suction hose. The Contractor may substitute a portable pump capable of meeting the fill times identified for that particular type of equipment.
- The winch or grapple must be usable as mounted, and of industry-acceptable size for the equipment that it is installed upon. Winches must be equipped with a minimum of 50 feet of cable, rated for the loads that the winch is capable of pulling.
- A fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current

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1 annual inspection tag and the annual maintenance tag in regards to a 6 year annual  
2 inspection and every 12 years regarding a hydro test on all dry powder, metal fire  
3 extinguishers.

- 4 • Approved spark arrester on all naturally aspirated engines
- 5 • Seat belts
- 6 • Flashlight
- 7 • Water, 1 gal drinking
- 8 • 5-person first aid kit
- 9 • Personal Protective Equipment. Contractor shall be responsible for ensuring all  
10 personnel arrive at the incident with the proper Personal Protective Clothing and  
11 Equipment as prescribed in the agreement. Contractor shall be responsible for  
12 ensuring the Personal Protective Equipment is operable and maintained in good  
13 repair throughout the duration of any assignment. Personal Protective Clothing  
14 will be maintained in good repair, and be cleaned at sufficient intervals to  
15 preclude unsafe working conditions. All personnel shall be wearing Personal  
16 Protective Clothing, including boots, upon arrival at the incident.

17  
18 Contractor shall be responsible for ensuring that all personnel arrive with the following:

19  
20 **Personal Protective Equipment (PPE):**

- 21
- 22 • **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug  
23 type sole in good condition (steel toed boots are not recommended).
- 24 • **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- 25 • **GLOVES:** One pair of heavy-duty leather per person.
- 26 • **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).
- 27 • **HEARING PROTECTION:** Use hearing protection whenever sound levels exceed  
28 85 dB. Earphones (headset) required with radio shall have built-in hearing  
29 protection.
- 30 • **HEAD LAMP:** With batteries and attachment for hardhat.
- 31 • **FIRE SHELTER:** New Generation Fire Shelter is required.
- 32 • **FLAME RESISTANT CLOTHING (Shirt and Pants).** A minimum of two full sets  
33 of flame resistant shirt and pants. For routine fireline duties, flame resistant  
34 clothing must be certified to NFPA 1977.

35 NOTE: It is recommended that fireline personnel wear a short-sleeved t-shirt,  
36 underwear, and socks under fire clothing and boots. T-shirts and underwear should be  
37 100% cotton or a 100% flame resistant blend of fibers. Socks should be cotton, wool,  
38 or a blend of flame resistant fibers.

39  
40

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**Compressed Air Foam System (CAFS):**

If Compressed Air Foam System (CAFS) is used, and documented on the shift ticket(s), the following amounts will be paid for the hours actually used:

CAFS Allowance with Pump Cubic Feet/Minute (CFM)	and Roll HOURLY RATE
35 – 50 CFM @ 150 PSI	\$25.00
51 – 85 CFM @ 150 PSI	\$41.00
86 – 120 CFM @ 175 PSI	\$55.00
121 – 200 CFM @ 175 PSI	\$69.00
201+ CFM @ 200 PSI	\$85.00

**Criteria:**

1. One GPM per one CFM MINIMUM water pump capacity at PSI rates required of the compressor.
2. Pump & Roll 86+ CFM and above must have deck mounted cannon with stacked tips or adjustable tips.
3. Pump & Roll equipment must be able to pump water and foam while moving.
4. CFM, GPM, PSI and foam flow gauges are required.
5. Must be capable of injection of foaming agent into the water line at variable controlled rates on discharge side of pump. (Be proportional)
6. System shall provide full foam delivery within 60 seconds after system is engaged.
7. Operator shall be experienced and knowledgeable of system operation, and be capable of demonstrating their ability to operate the system.
8. Payment shall be for hours of actual use of the CAF System in addition to the daily rate for the equipment.
9. All foam used shall be in accordance with Forest Service Specification 5100-307a as amended. [http://www.fs.fed.us/rm/fire/wfcs/documents/qpl\\_fm1.pdf](http://www.fs.fed.us/rm/fire/wfcs/documents/qpl_fm1.pdf)
10. Contractors will not be reimbursed for the initial purchase of foam but if the Contractor's foam is ordered and used on the incident, the contractor will be reimbursed for the actual cost of the foam.

Skidgines, in addition to minimum equipment requirements, shall have:

- Rubber-Tired Skidgines - Tires shall have load rating in accordance with the equipment Gross Vehicle Weight Ratings (GVWR). All tires on the equipment shall have sound sidewalls and adequate tire tread depth to hold tire chains. Chains are optional in the Pacific Northwest Region (R6) but required in all other Regions.

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MINIMUM STANDARDS SKIDGINES:

REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3	TYPE 4
Tank Capacity (gallons)				
Minimum	1200	800	400	200
Maximum	NONE	1199	799	399
Flywheel HP Range	176+	75-175	100+	60-99
Pump Min Flow (gpm)	50	50	30	30
@ rated pressure (psi)	100	100	70	70
1" hard line with 3/4" inside diameter hose on reel:				
	150 feet	150 feet	150 feet	150 feet
1.5 inch linen hose	300 feet	300 feet	-	-
1 inch linen hose	300 feet	300 feet	200 feet	200 feet
Discharge Outlet	1 1/2" NH	1 1/2" NH	1" NPSH	1" NPSH
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System:				
	Optional	Optional	Optional	Optional
Winch or Grapple	Not Required	Not Required	Optional	Optional
Personnel Required	1	1	1	1

Pumper Cats, in addition to minimum equipment requirements, shall have:

MINIMUM STANDARDS PUMPER CATS:

REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3
Tank Capacity (gallons):			
Minimum	500	325	200
Maximum	NONE	499	324
Flywheel HP Range	200	100-199	60-99
Pump Min Flow (gpm)	30	30	30
@ rated pressure (psi)	70	70	70
1" hard line with 3/4" inside diameter hose on reel:			
	150 feet	150 feet	150 feet
1 inch linen hose	200 feet	200 feet	200 feet
Discharge Outlet	1" NPSH	1" NPSH	1" NPSH
Pump and Roll	Yes	Yes	Yes
Foam Proportioner System:			
	Optional	Optional	Optional
Winch or Grapple	Optional	Optional	Optional
Personnel (minimum)	1	1	1

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1 Softtracks, in addition to minimum equipment requirements, shall have:

- 2 • Must be able to travel a minimum of 12 mph over flat ground.

3  
4 **MINIMUM STANDARDS SOFTTRACKS:**

5

6 REQUIREMENTS	7 TYPE 1
8 Tank Capacity (gallons):	
9 Minimum	600
10 Maximum	NONE
11 Flywheel HP Range	170+
12 Pump Min Flow (gpm)	30
13 @ rated pressure (psi)	70
14 1" hard line with 3/4"	
15 Inside diameter hose on reel	150 feet
16 1 inch linen hose	200 feet
17 Discharge Outlet	1" NPSH
18 Pump and Roll	Yes
19 Foam Proportioner System	Optional
20 Winch or Grapple	Optional
21 Personnel (minimum)	1

22

23 **Transportation:**

24 Contractors accepting out-of-state assignments shall ensure their offered vehicles are licensed for  
25 interstate travel and meet the commercial interstate vehicle requirements described by Federal  
26 Motor Carrier Safety Regulation (FMCSA) 390.5.

27 All equipment transports shall be licensed and legally operable on all roads. All transports with a  
28 Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have: a) US  
29 Department of Transportation (USDOT) number, if required; and b) annual USDOT certified  
30 vehicle inspection; or c) Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23)

31 All equipment shall be in sound mechanical condition with sufficient horsepower and mainframe  
32 configurations to ensure successful performance on roads and highways, or in terrain described  
33 in this solicitation. All transports shall be able to be legally driven on highways under their own  
34 power and be able to travel at a minimum of 50 miles an hour. Operators of any motor vehicle  
35 having a GVWR of 26,001 POUNDS AND GREATER shall meet all federal and state  
36 Commercial Driver's License (CDL) requirements and other endorsements as required for the  
37 state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001  
38 pounds and greater shall have a current medical card.

39  
40 **The Contractor is responsible for transporting the heavy equipment with water (skidgine,**  
41 **pumper cats, and softtracks) to and from the incident.**  
42

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1 **Transports:** shall have current Department of Transportation (DOT) certification and be of  
2 sufficient and legal weight rating to transport the equipment. Contractor is responsible for:  
3 -- Meeting all state and federal requirements, such as weight restrictions and hauling permits;  
4 -- All special permits;  
5 -- Providing all pilot cars when required by a permitting agency.

6 Equipment may not be unloaded immediately and the Contractor is responsible for all costs  
7 associated with the transport until the equipment is unloaded and the transport is released. The  
8 transport may be retained at the incident for the sole purpose of transporting the equipment that  
9 was originally ordered; the minimum daily guarantee will be paid until the transport is released.  
10 Documentation must be provided when the transport is not released immediately; this must be  
11 documented on the shift ticket and in the Incident Action Plan. If there is no Incident Action Plan  
12 (i.e., smaller incidents) approval by the Incident Commander is acceptable. If the contractor  
13 elects to keep the transport at the incident location after it is released by the government, no  
14 payment will be made. If the transport is retained by the incident for transporting other  
15 equipment, the company owning the transport must have an existing, or an at-incident  
16 EERA, and must be ordered with a separate resource order number. The point of hire will be the  
17 incident. For initial attack/severity, transport is required to remain with the equipment. The  
18 transport may be inspected. Transports not passing this inspection will result in rejection of both  
19 the transport and heavy piece of equipment being hauled.  
20

21 **Tires:** Shall have loading rating in accordance with the vehicle Gross Vehicle Weight Ratings  
22 (GVWR). All tires on the vehicles, which including the spare tire, if required, shall have sound  
23 sidewalls, body and tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle  
24 tires. All-wheel drive vehicles shall have all season or mud and snow tire tread on all wheels.  
25

26 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or markings  
27 on private vehicles or property.  
28

29 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement shall be  
30 licensed and legally operable on all roads. All Units with a Gross Vehicle Weight Rating  
31 (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle  
32 inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23)  
33

34 **Training/Experience:**

35  
36 Each person under this Agreement shall meet the following minimum requirements:

- 37 • RT-130 Annual Fireline Refresher including fire shelter.
  - 38 • Commercial Drivers License (for transports, when required).
  - 39 • All operators shall be able to operate the equipment safely up to the  
40 manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)
  - 41 • A State-issued Identification Card or License.
- 42  
43

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1  
2 **PAYMENT**

3  
4 Heavy Equipment with Water

- 5       • On-Shift includes time worked, time that resource is held or directed to be in a  
6       state of readiness, and compensable travel (resource traveling under its own  
7       power) that has a specific start and ending time.  
8       • DOUBLE SHIFT equipment is staffed with two operators or crews (one per  
9       shift). The DS rate will apply any calendar day the DS was under hire, including  
10      travel. There will be no compensation for a double shift unless a separate operator  
11      is ordered in writing for the second shift. Agency personnel at the Section Chief  
12      level may, by resource order, authorize a second operator if needed during the  
13      assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.  
14      • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
15      For fractional days at the beginning and ending of time under hire, payment will  
16      be based on 50% of the Daily Rate for periods less than 8 hours.

17  
18 Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment above  
19 and same operator

- 20       • Heavy equipment that has one operator for the transport and the heavy equipment  
21       will be paid at 65% of the rate for the transport - minimum daily guarantee.  
22       • MINIMUM DAILY GUARANTEE – For any time under hire for at least 8 hours,  
23       the government will pay no less than 65% of the minimum daily guarantee, or the  
24       mileage rate, whichever is greater. If a resource is under hire for less than 8 hours  
25       during a calendar day, the amount earned for that day will not be less than 32.5%  
26       the minimum daily guarantee, or the mileage rate, whichever is greater.  
27       • Once the heavy equipment is delivered to the incident the transport is considered  
28       released and no further payment will be made for the transport under this  
29       agreement; until the transport is needed for demobilization of the heavy  
30       equipment.  
31       • If the transport is retained at the incident for the sole purpose of transporting the  
32       heavy equipment that was originally ordered; the mileage rate or 65% of the  
33       minimum daily guarantee will be paid until the transport is released. This must be  
34       documented on the shift ticket.  
35       • If approved by the Government, the contractor may keep the transport at the  
36       incident after it has been released, but no payment will be made except when the  
37       heavy equipment is released from the incident for return to the point of hire, or  
38       reassigned to another incident.  
39       • MILEAGE - Payment shall be made for the mileage rate or 65% of the minimum  
40       daily guarantee, whichever is greater.  
41

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1 Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment above  
2 and separate transport operator; include the name of the transport operator in the Remarks block  
3 (block 14) of the shift ticket.

- 4 • **MINIMUM DAILY GUARANTEE** - For any time under hire for at least 8 hours,  
5 the government will pay no less than the minimum daily guarantee, or the mileage  
6 rate, whichever is greater. If a resource is under hire for less than 8 hours during a  
7 calendar day, the amount earned for that day will not be less than one-half the  
8 minimum daily guarantee, or the mileage rate, whichever is greater.
- 9 • Once the heavy equipment is delivered to the incident the transport is considered  
10 released and no further payment will be made for the transport under this  
11 agreement; until the transport is needed for demobilization of the heavy  
12 equipment.
- 13 • If the transport is retained at the incident for the sole purpose of transporting the  
14 heavy equipment that was originally ordered; the mileage rate or the minimum  
15 daily guarantee, whichever is greater, will be paid until the transport is released.  
16 This must be documented on the shift ticket.
- 17 • If approved by the Government, the contractor may keep the transport at the  
18 incident after it has been released, but no payment will be made except when the  
19 heavy equipment is released from the incident for return to the point of hire, or  
20 reassigned to another incident.
- 21 • If the transport is retained by the incident for transporting other equipment, the  
22 company owning the transport must have an existing agreement issued under this  
23 solicitation, and must be ordered with a separate resource order number. The point  
24 of hire will be the incident. At no time will the transport be paid more than once  
25 for a single day.
- 26 • If the transport (associated with a piece of heavy equipment) is released prior to  
27 the heavy equipment and the contractor elects to return the transport to their home  
28 base, time under hire would end at the estimated time of arrival back to the point  
29 of hire. At the conclusion of the assignment, when the heavy equipment is  
30 released, time under hire would begin when the transport begins travel back to the  
31 incident.
- 32 • **MILEAGE** - Payment shall be made for the mileage rate or minimum daily  
33 guarantee, whichever is greater.

34  
35 Transports (Stand Alone) – ordered under a separate resource order number by Government to  
36 remain at the incident and transport other vendor's equipment.

- 37 • On-Shift includes time worked, time that resource is held or directed to be in a  
38 state of readiness, and compensable travel (resource traveling under its own  
39 power) that has a specific start and ending time.
- 40 • **MINIMUM DAILY GUARANTEE** - For any time under hire for at least 8 hours,  
41 the government will pay no less than the minimum daily guarantee, or the mileage  
42 rate, whichever is greater. If a resource is under hire for less than 8 hours during a

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calendar day, the amount earned for that day will not be less than one-half the minimum daily guarantee, or the mileage rate, whichever is greater.

- MILEAGE - Payment shall be made for the mileage rate or minimum daily guarantee, whichever is greater

**27. Helibase Aircraft Rescue and Firefighting Apparatus (Commercial/Informal)**

At a minimum the apparatus will meet the following requirements.

Available from commercial sources and should reflect the standard commercial rates.

Minimum Requirements	
Tank, minimum capacity (gal)	500
Pump, minimum flow (gpm)	150
@ rated pressure (psi)	250
Hose 2 1/2" double jacket (ft)	300
1 1/2" double jacket (ft)	500
2 1/2" intake	1
Ladder	14'
Cab-Mounted Spot Light	2
Personnel	3

- The apparatus shall meet federal, state and agency requirements for motor vehicle safety standards, including all gross vehicle weight ratings when fully loaded.
- The apparatus shall be equipped with a siren and emergency lighting.
- The apparatus shall be capable of operating off road on 9% minimum grade.
- The apparatus shall be equipped with a foam proportioner system.
- The apparatus shall be able to prime and pump water from a 10' foot lift.
- All threaded connections shall be equipped with National Hose (NH) threads.

At a minimum any Crash Rescue apparatus assigned to a Helibase for Crash Rescue responsibilities must have three fully trained and qualified personnel available and on site at all times that meet the following:

- One Firefighter trained and qualified in accordance with NFPA 1001.
- One Driver Operator trained and qualified in accordance with NFPA 1002.
- One Fire Officer I trained and qualified in accordance with NFPA 1021.

**28. Helibase Operations Trailer, w/ operator (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

**INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK  
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1 Services for Helicopter Operations Support Trailers for use on a local, Regional and Nationwide  
2 basis. The Contractor is responsible for all equipment, materials, supplies, transportation,  
3 lodging, personnel, and supervision and management of those personnel, necessary to meet or  
4 exceed the Agreement specifications.

5  
6 **EQUIPMENT REQUIREMENTS**

7  
8 Equipment shall meet all standards established by specification or incorporated by reference and  
9 shall be maintained in good repair by the Contractor.

10  
11 **Equipment Minimum Requirements:**

- 12  
13 1. Trailer: Minimum 26' length X 8.5' wide, excluding tongue. Two rooms with forced air  
14 to each room, separated by a door. Radio room with 180 degree windows for visibility.  
15 Pull down shades, no reflective tinted shades or window film to reduce sun glare.  
16 2. Air Conditioning Unit(s): Two 15,000 BTU units, one for each room  
17 3. Heating System: Commensurate with the internal dimensions, installed electric base  
18 board heaters or propane gas equivalent; no free standing heaters.  
19 4. Trailer stabilizer.  
20 5. Tool kit: Hand tool kit, for general use.  
21 6. White boards: Three (3) each, 36" L X 24" H. one (1) installed in radio room and two (2)  
22 installed on each wall of the general work area room.  
23 7. One (1) fax, copier, scanner, with one box of paper appropriate for the machine, for  
24 initial start up. One (1) high capacity printer.  
25 8. Cork boards: Three (3) each: 36" L X 24" H; one (1) installed in radio room and two (2)  
26 installed on each wall of the general work area room.  
27 9. Internal Lighting: Sufficient to provide adequate light for night time operations, refer to  
28 work station minimum requirements.  
29 10. Exterior Lighting: Sufficient to provide adequate lighting for night time operations  
30 around the trailer and briefing area.  
31 11. Steps: No steep steps, access shall allow safe entry/exit from the trailer.  
32 12. Minimum of 1, 30 mph wind sock.  
33 13. One (1) 10 BC and one (1) 20 BC Fire Extinguisher.

34  
35 **Work Space:**

- 36 1. Work Stations: Three (3) each desktop/countertop work stations in radio room, and 4  
37 more in work area large (can be continuous counter tops), seven (7) rolling chairs shall be  
38 provided.  
39 2. If individual desk top work space provided dimensions shall be minimum 18" Deep by  
40 36" long, per each work station, rolling chairs for each work station.  
41 3. A minimum of one (1) each AC lighting fixture over each work area (florescent lighting  
42 is acceptable).  
43

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1           \*NOTE: IF a trailer is longer, then the work space provided should be commensurate  
2           with these minimum requirements for work space.  
3

4   Electrical Power Requirements:

- 5       1. Minimum 120 Volt, 50 Amp AC service entrance with disconnect switch to master  
6       breaker.
- 7       2. AC receptacles at all work stations/areas.
- 8       3. One (1) each – 20 foot, 50 Amp, AC service extension cable.
- 9       4. AC – 3 pin Twist-Lock to standard 3 pin adapters (minimum 20 amp service).
- 10      5. Battery Backup: DC (battery) backup with a minimum of 100 AH capacity for initial  
11      start-up and power outages. Battery shall have capacity to power all radio equipment for  
12      at least one operational period (one shift).
  - 13          a. Battery shall have a master disconnect or breaker switch.
  - 14          b. Battery shall be physically isolated from work area for personnel safety.
  - 15          c. Battery shall be a sealed, non-ventilating type, such as gel-cell.
- 16      6. Charging System: DC charging system to maintain battery backup.  
17          \*NOTE: A second smaller generator may be substituted for battery back-up that will  
18          support all radio equipment.
- 19      7. Auxiliary Connection: Two (2) each Auxiliary 12 volt connection power points near  
20      radio equipment.
- 21      8. External Generator: One (1) each AC generator kit to include one (1) Whisper Quiet  
22      style generator with a minimum output capacity of 10,000 KVA, Capable of running for  
23      one operational period without refilling for fuel. Generator shall be positioned away  
24      from the trailer and have sound dampening material around it.  
25

26   Radio and Electronic Equipment: **All VHF radio equipment must be P 25 digital compliant.**  
27   **(For additional information on fire approved radios, go to [www.fs.fed.us/fire/niicd](http://www.fs.fed.us/fire/niicd)).**

- 28      1. VHF BASE STATION: A minimum of three (3) each VHF fixed base radio(s) as  
29      required to cover the 148 – 174 MHz frequency band, FM, Narrowband capable, user  
30      programmable with a maximum transmitter power not to exceed 10 watts (such as  
31      Bendix King DPH mobile radio or equivalent).
- 32      2. UHF BASE STATION: A minimum of two (1) each UHF fixed base station radio or  
33      radios as required to cover the 406 – 420 MHz frequency bands. Radio(s) must be FM,  
34      Narrowband capable, User Programmable with a maximum transmitter power not to  
35      exceed 10 watts.
- 36      3. VHF AM BASE STATION: A minimum of two (2) each VHF AM fixed base station  
37      radio or radios as required to cover the 118 – 137 MHz frequency bands. User  
38      Programmable with a maximum transmitter power not to exceed 10 watts.
- 39      4. All fixed radio equipment shall be ready for immediate use upon arrival at the helibase,  
40      pending frequency programming.
- 41      5. The vendor shall provide: All radio frequency programming software and any necessary  
42      programming hardware.

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6. Interface devices or personal computers required by the specific manufacturer make and model of radio equipment provided within the trailer unit.
7. All primary frequencies shall be on mobile radios with quality high gain or unity gain antennas. A standard Type 1 helibase would have 4-5 VHF FM frequencies and 1-3 VHF AM frequencies with the primary rotor AM transmitting back to the Helibase on a UHF frequency.
8. (2) AM and FM handheld radios.
9. ANTENNAS: One (1) each pre-connected, permanently mounted antenna tuned to the proper frequency band for each fixed radio. Antennas may be mast mounted or mounted directly to the trailer.
10. CABLES: Accessible cable runs in the walls to topside.
11. Public Address System
12. Timer or other time tracking device (10 ea).
13. Digital weather station located in Radio Office.

Telephone/Internet Services/Access:

1. One (1) each telephone service/customer entrance panel to accommodate a minimum of three (3) telephone lines within the trailer.
2. Four (4) pre-wired RJ-11 with RJ-66 blocks phone jacks.
3. Four (4) pre-wired RJ-45 wall jacks.
4. Three (3) each telephone handsets. One near each work station or work area.
5. Satellite Internet or High Speed; including Service Provider.
6. Wireless LAN (recommended ports - 3).
7. Satellite telephone, one each, with service.

**Training/Experience**

The Contractor shall provide all operating supplies and one operator per shift. Each person employed by the Contractor under this Agreement shall meet the following minimum requirements:

- Commercial Driver's License (CDL) with the appropriate endorsements and medical card valid for the state in which the operator resides.
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations.

**PAYMENT**

- On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel (resource traveling under its own power) that has a specific start and ending time.
- **DAILY RATE** - Payment will be made on basis of calendar days (0001 – 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.

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- 1       • Payment will be made at the rate (daily, weekly, monthly) that is most advantageous to  
2       the Government. For payment purposes, the payment computation will start over after  
3       each 7-day period and after the 30<sup>th</sup> day for any period of time under hire.  
4

5       29. **Lighting System/Light Tower (Commercial)**

6 Available from a number of commercial sources. Rates should be the standard commercial rates.  
7

8       30. **Masticators (Competitive)**

9 For incident only signups utilize specifications and terms and conditions in the national  
10 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
11 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.  
12

13 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
14 personnel, and supervision and management of those personnel, necessary to meet or exceed the  
15 Agreement specifications.  
16

17 **EQUIPMENT REQUIREMENTS**

18  
19 Equipment shall meet all standards established by specification or incorporated by reference and  
20 shall be maintained in good repair by the Contractor.  
21

22 **Equipment Typing:**

23  
24 Masticators - Boom Mounted.

- 25       • Type 1 Masticator (Boom Mounted): 156+ HP  
26       • Type 2 Masticator (Boom Mounted): 111-155 HP  
27       • Type 3 Masticator (Boom Mounted): 81-110 HP  
28       • Type 4 Masticator (Boom Mounted): 60-80 HP

29 \*Boom mounted typing based on excavator HP.  
30

31 Masticators - Track Mounted.

- 32       • Type 1 Masticator (Track Mounted): 200-350 HP  
33       • Type 2 Masticator (Track Mounted): 100-199 HP  
34       • Type 3 Masticator (Track Mounted): 50-99 HP

35 \*Specify Tracked or Rubber-Tired plus minimum requirements. Tracked or Rubber tired  
36 mounted typing based on dozer HP.  
37

38 **Minimum Equipment Requirements:**

39  
40 **All Transportation Vehicles:** shall be in sound mechanical condition with sufficient  
41 horsepower and mainframe configurations to ensure successful performance on roads and  
42 highways. All vehicles under this Agreement shall be able to be legally driven on  
43 highways under their own power and be able to travel at a minimum of 50 miles an hour.

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1  
2 **Biobased Products:** This procurement requires the use of biobased products to the extent  
3 that such products are reasonably available, meet agency or relevant industry  
4 performance standards, and are reasonably priced. Where available, these products  
5 should first be acquired from among qualified products that fall under the umbrella of  
6 items designated through the Federal Biobased Products Preferred Procurement Program  
7 (FB4P). Information is available at: <http://www.biopreferred.gov/> .  
8

9 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
10 markings on private vehicles or property.  
11

12 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement  
13 shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight  
14 Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified  
15 vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR  
16 396.23).  
17

18 **Training/Experience:**

19  
20 Each person under this Agreement shall meet the following minimum requirements:

- 21 • RT-130 Annual Fireline Refresher including fire shelter.
- 22 • Commercial Driver's License (for transports, when required).
- 23 • All operators shall be able to operate the equipment safely up to the  
24 manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.).  
25

26 **PAYMENT**

- 27
- 28 • On-Shift includes time worked, time that resource is held or directed to be in a  
29 state of readiness, and compensable travel (resource traveling under its own power)  
30 that has a specific start and ending time.
- 31 • DOUBLE SHIFT equipment is staffed with two operators or crews (one per  
32 shift). There will be no compensation for a double shift unless a separate operator is  
33 ordered in writing for the second shift. Agency personnel at the Section Chief level  
34 may, by resource order, authorize a second operator if needed during the assignment.  
35 Double shifts, when ordered, will be paid at 165% of the daily rate.
- 36 • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
37 For fractional days at the beginning and ending of time under hire, payment will be  
38 based on 50 percent of the Daily Rate for periods less than 8 hours.  
39

40 31. **Mechanic Service Truck (Competitive)**

41 For incident only signups utilize specifications and terms and conditions in the national  
42 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
43 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

**INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK  
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1 Services of Mechanics with Service Trucks for use on a local, Regional and Nationwide basis.  
2 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
3 trained/certified personnel, and supervision and management of those personnel, necessary to  
4 meet or exceed the Agreement specifications.  
5

6 **EQUIPMENT REQUIREMENTS**  
7

8 Equipment shall meet all standards established by specification or incorporated by reference and  
9 shall be maintained in good repair by the Contractor.  
10

11 **Minimum Equipment Requirements:**  
12

13 Type 1 - Heavy Construction/Logging Equipment (dozer, grader, excavator); Automotive, Light  
14 and Heavy Truck (Class 1-8); and Inspection and Diagnostic Services

- 15 1. Hydraulic pressure Testing kit
- 16 2. Charging/Starting System Analyzer
- 17 3. Code Reader (generic)
- 18 4. Arc welder - min. 225 amp with air arc capability and industry acceptable repair  
19 electrodes
- 20 5. Oxy/Acetylene torch set with appropriate cutting and welding tips
- 21 6. Air Compressor - Minimum of 120 PSI at 20 cfm with tank and appropriate accessories
- 22 7. 1/2, 3/4, & 1 inch drive impact wrenches and impact sockets to 3"
- 23 8. Hand tool set to accomplish normal field repairs on heavy construction equipment.
- 24 9. Jack stands – (2) 12 ton
- 25 10. Hydraulic Jacks (2) 12 ton
- 26 11. Vehicle or auxiliary powered portable lighting for field work.
- 27 12. Jumper Cables - 20 ft. heavy duty
- 28 13. Hazardous Material spill kit capable of containing and collecting a minimum of 10-  
29 gallons of spill.
- 30 14. Misc. drain pans
- 31 15. Combination Vise - minimum 4½-inch jaw
- 32 16. Knowledge and skills to perform hydraulic system repairs.
- 33 17. Hydraulic Crane (hand or powered) - min. 2 ton capacity
- 34 18. Battery Tester
- 35 19. Volt/Ohm meter
- 36 20. 1/2" drill w/bits to 3/4"
- 37 21. Fuel pressure testing kit
- 38 22. Tap & Die set to 1"
- 39 23. Electric Grinder 4"
- 40 24. Consumable goods (listed below)  
41  
42

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- 1 Type 2 - Automotive, Light and Heavy Truck (Class 1-8) and Inspection and Diagnostic Services
- 2 1. Charging/Starting System Analyzer
- 3 2. Arc Welder
- 4 3. Oxy/Acetylene torch set with appropriate cutting and welding tips
- 5 4. Code Reader (generic)
- 6 5. Air Compressor - Minimum of 120 PSI at 12 CFM with tank and appropriate accessories
- 7 6. 1/2 & 3/4 inch impact wrenches and impact sockets to 2 inch
- 8 7. Hand tool set to accomplish normal field repairs on all classes of equipment SAE and
- 9 metric
- 10 8. Jack stands (2) 2 ton and (2) 12 ton heavy duty
- 11 9. Hydraulic Jacks (2) 2 ton and (2) 12 ton heavy duty
- 12 10. Vehicle or auxiliary powered portable lighting for field work.
- 13 11. Jumper Cables - 20 ft. heavy duty
- 14 12. Hazardous Material spill kit capable of containing and collecting a minimum of 10-
- 15 gallons of spill.
- 16 13. Misc. drain pans
- 17 14. Consumable goods (listed below)
- 18 15. Combination Vise - minimum 4 1/2 inch jaw
- 19 16. Battery Tester
- 20 17. Volt/Ohm meter
- 21 18. Self-contained brake and clutch bleeder system
- 22 19. 3/8 drill w/ bits to 1/2"
- 23 20. Fuel pressure testing kit
- 24 21. Tap & Die set to 5/8"
- 25 22. Electric Grinder 4"

26  
27 Consumable Goods:

28  
29 All mechanics (Types 1 and 2) shall provide the following consumable goods to enable the  
30 mechanic to operate independently for the first 24 hours and complete minor repairs. These  
31 consumables will not be replaced by the Government. Consumable parts shall be sorted by size  
32 and type in containers or trays.

- 33 1. Commonly used SAE and Metric Nuts and Bolts up to 1/2" x 3"
- 34 2. Assorted electrical connections for commonly used wire sizes on all equipment
- 35 3. Assorted sizes of electrical wire commonly found on all types of equipment
- 36 4. Assorted common electrical fuses and bulbs.
- 37 5. Assorted lubricants & cleaners commonly used in the industry by field mechanics (i.e.  
38 WD-40, brake cleaner, silicone sealant).
- 39 6. Assorted metal fasteners, machine screws, self-tapping up to #12 x 1 1/2"
- 40 7. Commonly used air brake fittings up to 5/8 inch.
- 41 8. Shop towels
- 42

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1 Contractor shall be responsible for ensuring all personnel arrive at the incident with the proper  
2 Personal Protective Clothing and Equipment as prescribed in the agreement. Contractor shall be  
3 responsible for ensuring the Personal Protective Equipment is operable and maintained in good  
4 repair throughout the duration of any assignment. Personal Protective Clothing will be  
5 maintained in good repair, and be cleaned at sufficient intervals to preclude unsafe working  
6 conditions.

7  
8 Contractor shall be responsible for ensuring that all personnel arrive with the following:  
9

10 **Personal Protective Equipment (PPE):**

- 11
- 12 • **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug
- 13 type sole in good condition (steel toed boots are not acceptable), to be worn if
- 14 working near the fireline.
- 15 • **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- 16 • **GLOVES:** One pair of heavy-duty leather per person.
- 17 • **CHAPS:** One pair, welding
- 18 • **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).
- 19 • **HEARING PROTECTION:** Use hearing protection whenever sound levels exceed
- 20 85 dB.
- 21 • **HEAD LAMP:** With batteries and attachment for hardhat.
- 22

23 **Vehicles:**

- 24
- 25 • Meet all State Motor Vehicle Requirements
- 26 • Fire extinguisher, multi-purpose 1A 10BC that is securely mounted to the vehicle
- 27 and accessible by the operator. The fire extinguisher shall have a current annual
- 28 inspection tag and the annual maintenance tag in regards to a 6 year annual
- 29 inspection and every 12 years regarding a hydro test on all dry powder, metal fire
- 30 extinguishers.
- 31 • An audible reverse warning device (backup alarm) of 87 db or greater when the
- 32 transmission is put into reverse. The warning device shall face to the rear.
- 33 Switches to activate the alarm will not be allowed.
- 34 • Reflectors, triangles, bi-directional (one set of 3)
- 35 • Two wheel chocks
- 36 • Shovel
- 37

38 **Training/Experience:**

- 39
- 40 • Mechanic Types:

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- Type 1 (Heavy Construction/Logging Equipment): Minimum 3 yrs. experience at the journeyman level on field repairs of heavy construction or logging equipment.
- Type 2 (Automotive, Light and Heavy Truck): Minimum 3 yrs. experience at the journeyman level on all classes of light and medium trucks. DOT air brake qualifications (FMVCSA 49CFR 396.25)
- Commercial Driver's License (when required).
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.).
- RT-130 Annual Fireline Refresher including fire shelter.

**PAYMENT**

- On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel (resource traveling under its own power) that has a specific start and ending time.
- DAILY RATE- Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.

**32. Mobile Laundry (Competitive)**

Utilize national template posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

Laundry services for use on a local, Regional and Nationwide basis. The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Minimum Equipment Requirements:**

1. All laundry units shall be self-contained, including:
  - All necessary fuel and power (Contractor may acquire fuel from the Government at the Incident rate per gallon).
  - Generator, with a decibel rating no greater than 68 at 50 feet.
  - All operating supplies (detergents, clean laundry bags, identification tags, etc)
  - Continuous hot water supply, minimum 140° temperature

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- 1       • Minimum 2000 gallons storage each of grey water and potable water
- 2       • Labor and equipment to transport, setup, maintain and operate the unit.
- 3       • Synthetic Heavy Duty Commercial Grade Detergent shall be use.(fatty based soaps
- 4       should not be used on Nomex)
- 5       • Contractor may provide additional capability without an increase in the daily rate or
- 6       payment of mobilization/demobilization (mileage) (Ref. D.21.7.3), or the government
- 7       may order an additional unit from the dispatch priority list.
- 8       2. TYPE 1: Additional requirements for Type 1 unit
- 9       • Minimum production capability of 2500 pounds per day (Additional units may be
- 10       provided by the Contractor to maintain production, (ref. D.21.7.3).
- 11       • The ability to clean laundry from multiple personnel in single loads (i.e., net-bagged
- 12       laundry).
- 13       3. TYPE 2: Additional requirements for Type 2 unit
- 14       • Minimum production capability of 1500 pounds per day. (Additional units may be
- 15       provided by the Contractor to maintain production, (ref. D.21.7.3).
- 16       4. Scale
- 17       • Analog or Digital readout with one half (0.5) pound or less graduations with 25
- 18       pounds minimum weighing capacity.
- 19       • Basket with a minimum of capacity of 4680 cubic inches to facilitate the weighing of
- 20       the laundry.
- 21       • Scale platform must be designed to hold the basket in a stable fashion when loaded
- 22       with laundry.
- 23       • If not a commercially designed laundry scale with basket, scale must be calibrated to
- 24       accommodate the tare weight of the basket.
- 25       5. Handling of Nomex (flame retardant clothing)
- 26       • Sort clothing to avoid staining of light-colored garments by dark-dyed garments. All
- 27       Nomex shall be washed separately from all other clothing to prevent contamination
- 28       from flammable lint.
- 29       • Synthetic, heavy-duty liquid laundry detergents are recommended for washing
- 30       Nomex. Fatty-based soaps and chlorine bleach should not be used.
- 31       • Wash temperatures should be 140 degrees F, however wash temperatures up to 160
- 32       degrees F may be used for heavily soiled garments.
- 33       • All loads of Nomex shall receive at least 2 rinse cycles to assure all detergents are
- 34       removed.
- 35       • Tumble dry at a medium or high temperature setting. To ensure maximum removal
- 36       of wrinkles, tumble dryers should not be overloaded.

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- 1           • Bulk Nomex from the supply unit shall be sorted by sizes and bundled for return to  
2           the Supply Unit. The Supply Unit will provide a waybill of Nomex presented to the  
3           Laundry Unit.

4       6. Receipt and Return of Laundry

- 5           • Laundry shall be weighed dry upon receipt from the customer.  
6           • Contractor shall maintain a log documenting the customer's name, date and time the  
7           laundry was received, weight, and customer's signature, to help control loss and  
8           document turn-around time. This log shall have a second signature block for the  
9           customer to sign upon receipt of the clean laundry.  
10          • Laundry is to be returned to the customer, folded and packaged.  
11          • After the first 48 hours at the incident, laundry must be completed and ready to return  
12          to the customer within 24 hours from time of receipt.  
13          • At a minimum, laundry facilities shall be open and available to accept laundry, every  
14          day, from 0500 - 1000 and from 1700 - 2200.

15       7. Government Provided Services

- 16          • The Government will provide a supply of potable water and the disposal of grey water.

17  
18       **PAYMENT**

- 19  
20          • Payment will be made for the daily rate and price per pound.  
21          • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For  
22          fractional days at the beginning and ending of time under hire, payment will be based  
23          on 50 percent of the Daily Rate for periods less than 8 hours.  
24          • WORK RATE  
25              ○ Per Pound - Payment will be made for actual pounds of laundry (rounded up  
26              to the nearest pound, processed by the Contractor.  
27              ○ Mileage - Shall apply when equipment is under hire as ordered by the  
28              Government, and being mobilized/demobilized from an incident  
29

30       33. **Mobile Sleeper Unit (Competitive)**

31       Utilize national template posted at <http://www.fs.fed.us/business/incident/solicitations>. Also  
32       utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

33  
34       The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
35       personnel, and supervision and management of those personnel, necessary to meet or exceed the  
36       Agreement specifications.  
37  
38

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**EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Minimum Equipment Requirements:**

All equipment shall have:

1. Units shall be equipped with a minimum of 40 berths and maximum of 48 berths per unit.
2. Units will be equipped with A/C, Heat, Anti-Bacterial mattresses and Environmentally Clean Propane Generator.
3. Daily services shall include Attendant, Daily Cleaning, and Berth Roster.
4. Miscellaneous items such as: a.) Sleeping Bag and Pillow Rental, b.) Sleeping Bag and Pillow Cleaning, and c.) Damaged or Missing Rented Items- Sleeping Bags/Pillows will be included in the daily rate.
5. Move In/ Move Out rate shall be included in daily rate.
6. Relocation and Retention of Tractor/Driver will be negotiated on a case by case basis and executed by an Incident Only EERA .
7. The following Fire and Life Safety requirements will be met by all Mobile Sleeper Units (MSU) under any agreement.
  - Minimum of 2 Smoke/Carbon Monoxide detectors (one of each end of the trailer) with battery backup.
  - Smoke / Carbon Monoxide detectors will be hardwired to a functional commercial fire alarm system with audible/strobe interior/exterior alarm and battery backup. One pull station will be installed at each exit.
  - Two 5 lb. ABC fire extinguishers located at both ends of the interior of each unit and one 5 lb ABC fire extinguisher located outside near the generator. Fire extinguishers shall have signs indicating their location.
  - Isle way lighting 110 volt AC and berth lighting may be 110 volt AC or 12 volt DC.
  - Automatic Emergency lighting at each end of the isle way with battery backup that lights with the loss of power.
  - Minimum of 2 exits required. All Emergency EXITS will have lighted EXIT signs and battery back-up.
  - All signed and lighted emergency exits must have stairs meeting the following guidelines:
    - Stairs shall be installed between 30 degrees and 50 degrees from horizontal.
    - Platforms shall be provided at the top of the stairs entering the doorway. The swing of the door shall not reduce the effective width of the platform to less than 20 inches.



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1 • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For  
2 fractional days at the beginning and ending of time under hire, payment will be based on  
3 50 percent of the Daily Rate for periods less than 8 hours.

4 34. **Modular Office (Commercial & Informal)**

5 Review the vendors individually to find out who has trailers available within an appropriate  
6 commuting distance to meet date and time need for the incident. The location of the vendor may  
7 be a corporate office and not necessarily where the trailers are located.  
8

Size	Rate	How to Hire	
Office, Modular Unit		Monthly Rate	
Mobilization/Demobilization		Mileage Rate	
Setup/Takedown		Each	
Size	Weekly Rate	Monthly Rate	Mileage
8 x 20	\$295	\$880	\$2.00
8 x 26	\$346	\$1037	\$2.00
8 x 32	\$403	\$1210	\$2.00
10 x 32	\$544	\$1631	\$2.00

9  
10 35. **Pack String (Commercial)**

11 Pack String (Per Head) to include: Packer; Packer Assistant; Mobilization/Demobilization and  
12 Relocation of Stock. Daily Rate for Packer and Packer Assistant shall include saddle stock. To  
13 be hired wet.  
14

15 36. **Portable Toilet/Handwash Stations (Commercial)**

16 Available from a number of commercial sources. Rates should be the standard commercial rates.  
17

18 37. **Potable Water Truck (Competitive)**

19 For incident only signups utilize specifications and terms and conditions in the national  
20 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
21 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.  
22

23 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
24 trained/certified personnel, and supervision and management of those personnel, necessary to  
25 meet or exceed the Agreement specifications.  
26  
27

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**EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

**Equipment Typing**

- Type 1 – 4000+ gallons
- Type 2 – 2500-3999 gallons
- Type 3 – 1000-2499 gallons
- Type 4 – 400-999 gallons

**Minimum Equipment Requirements:**

Potable water tanks shall be:

1. Used exclusively for drinking water. Do not use containers for any non-food products. The potable water system, including filling hose and lines, pumps, tanks, and distributing pipes, shall be separate and distinct from other water systems. Do not use containers that have ever been previously used for gray water, toxic or bio-hazardous substances. (Reference: Code of Federal Regulations, Title 21, Section 129.40)
2. Clearly and conspicuously labeled with the words “POTABLE” or “FOR DRINKING WATER USE ONLY” on both sides of the tank in lettering at least 4 inches in height. The capacity of the tank (in gallons) displayed on both sides of the tank or on both cab doors in lettering at least 2 inches in height. Name, city, and state of Contractor shall appear on both sides of the tank or on both truck cab doors in lettering at least 2 inches in height. A seal or sticker provided by the State or local authority shall be affixed to the upper left quarter of the rear of the tank or other location if specified by the issuing agency and shall be visible at all times indicating that the tank has been inspected, certified and found to be in compliance with State requirements. If stickers are not provided by a State, a copy of the certificate or label shall be kept in the transport vehicle at all times. An annual inspection and certification of the tank by the local health authority is required. In addition, the carrier shall meet all laws and regulations for hauling on public roads. If the tank is part of the transport vehicle, then both the tank and vehicle shall meet State requirements, and the appropriate inspection and certification will be maintained for the vehicle.
3. All trucks must comply with local certification process.
4. Four Hundred (400) gallons capacity or greater and be made of non-toxic, non-corrodible/non absorbent materials or coated with non-toxic coatings National Safety Foundation (NSF) International Standard 61 that can be adequately cleaned and sanitized. Examples are stainless steel, food contact plastics (polyethylene), and food contact epoxy coatings. Surfaces that come in contact with water shall be smooth, without pits, dents, or crimps that may hold contaminating matter and welds shall be of non-corrosive material.

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1 5. Tank Construction. Tanks shall be constructed to the following requirements at a  
2 minimum and meet all State requirements for certification compliance if the State has  
3 these established:

- 4 • Openings: Hatches and other openings shall be completely covered and sealed  
5 with tight fitting coverings, permanently mounted food-grade gaskets, and  
6 security locks. Water inlets and outlets shall be equipped with threaded or  
7 clamped caps, tethered to the ports with chain or cable. Inlet and outlet caps shall  
8 be in place on all fittings except when water is being discharged or loaded.
- 9 • Tank vents: Vents will be designed to prevent water contamination. Tanks shall  
10 be vented by a downward facing, or otherwise protected vent opening of a  
11 sufficient size to allow air to replace water as it is discharged. This opening shall  
12 be protected by an appropriate screen as required in the state that certifies the  
13 equipment.
- 14 • If a State does not certify the equipment, the screen shall be made from non-toxic,  
15 non-absorbent material.
- 16 • Drain: Each potable water tank shall provide a means of drainage and, if it is  
17 equipped with a manhole, overflow, vent, or a device for measuring depth of  
18 water, provision shall be made to prevent entrance into the tank of any  
19 contaminating substance. No deck or sanitary drain or pipe carrying non-potable  
20 water or liquid shall be permitted to pass through the tank. A bottom drain shall  
21 be provided to facilitate complete discharge of water during sanitation procedures.

22 6. Tank Filling Mechanisms

- 23 • There shall be no backflow or cross connection between potable water systems  
24 and any other systems. Pipes and fittings conveying potable water to any fixture,  
25 apparatus, or equipment shall be installed in such a way to prevent backflow.  
26 Waste pipes from any part of the potable water system, including treatment  
27 devices, discharging to a drain, shall be suitably protected against backflow.  
28 Either of the following methods may be used:
  - 29 • An approved backflow prevention device complying with Uniform  
30 Plumbing Codes 603.3.1, 2, 3, 4, 5 and 8 such as acceptable double check  
31 valves on the direct filling connection to the tank. No connections shall be  
32 located between the tank and the check valve.
  - 33 • Overhead filling through a hatch opening at the top of the tank; the filling  
34 spout must not be allowed to intrude into the tank further than two  
35 diameters of the filling pipe above the highest water level that is possible  
36 when the tank is filled. If an overhead filler pipe is mounted on the  
37 vehicle, when not being used for filling, this pipe shall be capped at each  
38 end with threaded or clamped caps, and tethered to the fittings at the ends  
39 of the filler pipe.
- 40 • Sanitary techniques must be observed in the water transfer operation. Care must  
41 be exercised to prevent foreign materials from entering the water. Since  
42 contamination could be present on the exterior surfaces of hoses or pipes, they  
43 must never be submerged in a receiving vessel. Adequate cleaning and sanitizing

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1 procedures shall be used on hauling vehicle(s) and associated equipment at the  
2 following times:

- 3 • When the equipment is placed into service, or when it has been unused  
4 and stored in a sealed condition for a period of 4 weeks or more.
- 5 • When the filled or empty tank has been exposed by open or unsealed  
6 cover caps or fittings to any condition of possible contamination of the  
7 tank or contents, including contact with dust, smoke, rain, or chemical  
8 substances.
- 9 • When any fault or defect becomes apparent in the seals, vents, hatch  
10 doors, welds, valves, pipes, pumps, hoses or other equipment that may  
11 contaminate the water.
- 12 • When bacterial analysis of the water indicates presence of coliform  
13 bacteria.

14 7. Pumps

- 15 • The potable water/food-grade pump shall have the capacity to transfer potable  
16 water a minimum of twenty (20) feet vertical.
- 17 • Only water transfer pumps which can be readily disassembled to demonstrate the  
18 condition of the impeller and impeller chamber shall be used. Internal pump  
19 water contact surfaces, including seals, bearing, and lubricants must be  
20 constructed from food grade materials and must be smooth, non-porous, and  
21 corrosion resistant and use acceptable food grade lubricants. Manufacturer's data  
22 stating the pump is food grade (NSF 61) shall be made available to the  
23 Government upon request.

24 8. Hoses

- 25 • Hoses shall have a smooth interior surface made of food-grade standard materials  
26 or materials meeting NSF International Standard 61. Pumps, hoses, fittings,  
27 valves and similar equipment shall be made of food-grade materials or materials  
28 meeting NSF International Standard 61 and shall be kept clean, disinfected and  
29 operated or handled in a manner that prevents contamination and capped or closed  
30 when not in use. Hoses shall be marked/labeled "potable water" and the use of  
31 galvanized pipes or fittings is prohibited.
- 32 • The ends of all hoses shall be provided with threaded or clamped caps. Such caps  
33 shall be in place when hoses are not in use. Hoses in storage compartments must  
34 also be capped.

35 9. Operational Requirements and Bacterial Testing

- 36 • Hauled water is vulnerable to increased handling, diversity of source, variability  
37 in hauling equipment, and shall not be stored in the vehicle for a period greater  
38 than one week. All hauling equipment must be clean and in good condition. In  
39 addition, all water-contact surfaces in hauling and storage facilities shall be  
40 disinfected prior to use.
- 41 • All equipment surfaces intended for potable water contact, including source fill  
42 point equipment, containers, caps, tanks, hoses, valves, and fittings shall be  
43 inspected, washed, rinsed, sanitized, and replaced as often as necessary to effect

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1 and maintain sanitation of such surfaces. Procedures to be used are listed in Title  
2 21, Code of Federal Regulations, Part 129.80. Disinfection needs to occur before  
3 being put in service, or when it has been unused and stored in a sealed condition  
4 after a period of 4 weeks or more, or after any food product has been hauled.  
5 Follow applicable State specifications/guidelines for disinfection of tanks either  
6 where the equipment was certified or to the standards where the equipment is  
7 going to be used if crossing state boundaries. When no applicable State  
8 specifications/guidelines for disinfection of tanks exist, at a minimum, the tank  
9 shall be thoroughly cleaned and disinfected. After 24 hours contact time with the  
10 disinfecting solution, the tank shall be drained and flushed with drinking water.  
11 Written procedures for equipment cleaning and sanitizing shall be maintained by  
12 the Contractor and shall be kept with the hauling vehicle at all times. These  
13 procedures shall include the names, amounts, and contact times of cleaning and  
14 sanitizing agents to be used. The frequency of equipment cleaning and sanitizing  
15 must be tracked in a log to be kept with the vehicle at all times. A copy of the  
16 Contractor's equipment cleaning and sanitizing procedures log shall be provided  
17 to the Contracting Officer or designated Government Representative upon  
18 request.

- 19 • At a minimum or when required by the local jurisdiction or State Law one  
20 microbiological test for total coliform shall be performed within 2 established  
21 business days of the time of arrival at the incident at a certified laboratory.  
22 Sampling by the contractor must be performed to industry standards and to the  
23 standards required by the designated laboratory. The sample to be tested shall be  
24 obtained at the time of arrival at the incident. Where State-specific requirements  
25 have not been established, laboratory coliform test data must show that the water  
26 contains coliforms of less than 2.2 Most Probable Numbers (MPN)/100 ml (or  
27 "absence" if the presence/absence test is used). In addition, a test shall be  
28 performed on the first water load following any of the required sanitation  
29 procedures, whenever switching to a different water source and/or at least once  
30 every 30 days during months when water hauling is performed, and/or whenever  
31 such analysis is requested by state or local health authorities or Government  
32 representative. If the presence/absence (P&A) test for the coliform analysis is  
33 used, then only negative (absence) results are acceptable. If a sample tests  
34 positive (presence), the Contractor shall take out of service, investigate the cause  
35 of the problem; take corrective actions; resample/test the water; and notify the  
36 Incident Commander or designated Government Representative at the Incident. If  
37 the test data shows that the water contains more than 2.2 MPN/100 ml, the  
38 Contractor shall immediately take out of service; investigate the cause of the  
39 problem; take corrective actions; resample/test the water; and notify the Incident  
40 Commander or designated Government Representative at the Incident. The  
41 Contractor shall not haul water until the test shows that the water contains total  
42 coliform of less than 2.2 MPN/100 ml. Copies of the results of such tests shall be  
43 submitted to the Contracting Officer at the address indicated on the agreement or

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1 contract within seven calendar days after the end of the incident assignment. Test  
2 results shall clearly identify Contractor's name, address, and contract or  
3 agreement number on the report. Original laboratory test results shall be  
4 maintained by the Contractor and kept for at least 2 years pursuant to Title 21,  
5 Code of Federal Regulations, Part 129.80. Failure to comply with this  
6 requirement may result in the immediate cancellation or suspension of the  
7 Agreement. The Incident commander or designated Government Representative  
8 at the Incident with concurrence of the Contracting Officer will determine if/when  
9 the Contractor will be available for service.

- 10 • Tank shall arrive empty for inspection.
- 11 • Chlorine Residual: Contractors shall maintain a free chlorine residual level of 0.2  
12 parts per million (ppm) up to 1.0 ppm at all times (1/3 cup of bleach that meets  
13 NSF standards to 1000 gallons water may achieve 1.0 ppm chlorine residual  
14 level). When residual levels drop below required levels the load shall be dumped  
15 and tank refilled.
- 16 • Contractors shall have chlorine residual test kits available at all times and test for  
17 free chlorine residual levels when:
  - 18 • Loading drinking water for transport,
  - 19 • After adding any disinfectant, if the addition of disinfectant is necessary;
  - 20 • When unloading; and
  - 21 • Every 24 hours the water is in use (provide with daily use documentation).
- 22 • Maintain records of activities on board the vehicle showing water source location,  
23 dates, and times of loading, unloading, chlorine residual test results,  
24 cleaning/sanitizing, and other operational items as deemed necessary. Copies of  
25 bacterial analysis test results and all agreements, contracts, licenses, etc. shall be  
26 maintained on board the vehicle at all times. Contractor will provide copies of  
27 these records to the Incident Commander or designated Government  
28 Representative.
- 29 • Failure of the contractor to perform the required testing at the times specified is  
30 grounds for immediate termination of an agreement.

31 **10. Water Sources**

- 32 • The host incident unit will designate the water source.
- 33 • Use only potable water from a permitted private or public (municipal or  
34 community system) drinking water supply. Filling must be accomplished using  
35 acceptable source water under pressure. Drafting of surface water is not allowed  
36 under any circumstances. The cost, if any, will be paid by the Government  
37 directly or by reimbursement to the potable water truck contractor. A copy of the  
38 billing statement from the owner of the water source to the contractor must be  
39 submitted to the Government if a contractor requests reimbursement.

40 **11. Government or Contracting Agency Testing**

- 41 • The Government or contracting agency may, at its option, perform random  
42 testing. The contractor shall provide reasonable access to all potable water tanks  
43 and apparatuses to the Government or contracting agency.

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1       12. Accessibility

- 2           • Each truck shall be accessible to individuals for filling canteens or other water  
3           containers (either mounted on the truck or a separate stand). It shall have a  
4           minimum of seven (7) valved outlets (capable of flowing 3 gpm each); evenly  
5           spaced on a minimum 1-1/2" pipe. All materials used for plumbing the canteen  
6           filling stations must be constructed of food grade materials or acceptable metal  
7           (brass, aluminum, stainless steel, or copper). Must have effective backflow  
8           prevention (check valves), and dispensing spouts or hose bibs (threaded faucets  
9           require vacuum breakers).
- 10          • All potable water and gray water vehicles shall have:
- 11              • An audible reverse warning device (backup alarm) of 89 decibel or
  - 12              greater measured at 5 feet behind and in the center of the equipment.
  - 13              • A fire extinguisher, multi-purpose 2A 10BC that is securely mounted
  - 14              to the vehicle and accessible by the operator. The fire extinguisher
  - 15              shall have a current annual inspection tag and the annual maintenance
  - 16              tag in regards to a 6 year annual inspection and every 12 years
  - 17              regarding a hydro test on all dry powder, metal fire extinguishers.
  - 18              • Approved spark arrester on all naturally aspirated engines
  - 19              • Seat belts
  - 20              • Flashlight

21

22       No potable or gray water truck shall exceed the manufacturer's GVWR or Gross Axle Weight  
23       Rating (GAWR) per axle when the vehicle is fully loaded and equipped. The vehicle GVWR  
24       plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If  
25       missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating  
26       front, rear and total GVWR at the pre-season and incident inspections. Only a written verifiable  
27       GVWR from the manufacturer or final stage manufacturer will be accepted. Vehicles without  
28       GVWR and GAWR ratings will be rejected at the pre-award inspection and will have to  
29       reschedule another regular inspection time and/or location when certification is acquired.

30

31       Tanks which exceed the GVWR or GAWR of the vehicle when fully loaded shall have a site  
32       gauge (does not apply to vacuum trucks) which shows the amount of water that can be contained  
33       in the tank to meet the manufacturer's GVWR and GAWR (temporary fillers or spacers not  
34       allowed). Tank capacity shall be permanently modified to meet manufacturer's GVWR and  
35       GAWR and overflow devices shall not be allowed after January 1, 2010.

36

37       **PAYMENT**

- 38
- 39           • **DOUBLE SHIFT** - equipment is staffed with two operators or crews (one per shift).  
40           There will be no compensation for a double shift unless a separate operator is ordered in  
41           writing for the second shift. Agency personnel at the Section Chief level may, by  
42           resource order, authorize a second operator if needed during the assignment. Double

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shifts, when ordered, will be paid at 165% of the daily rate. (Not applicable to Trailer Mounted Handwashing Stations)

- **DAILY RATE** - Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.

38. **Pump (Commercial/Informal)** Available from a number of commercial sources. Rates should be the standard commercial rates.

39. **Refrigerated Trailer Unit (Competitive/Commercial)**  
For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, trained/certified personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

### **EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

Equipment Typing Matrix:

Attribute	Type 1	Type 2	Type 3
Overall Length	43+ feet	29' thru 43'	24' thru 28'
Overall Width	102"	102"	102"
Overall Height	13'6"	13'6"	13'6"
Coupler Height	47"	47"	47"
Dock Height	51 1/2"	51 1/2"	51 1/2"
Kingpin Setting	36"	36"	36"
Fuel Tank	50 gal min.	50 gal min.	50 gallon min.
Scuff	6" min.	6" min.	6" min.
Landing Gear	AAR Certified	AAR Certified	AAR Certified

\*Note: The overall width, height, and dock height are to be used as a reference. The actual dimensions may vary slightly between manufacturers; however, these dimensions cannot exceed the maximum legal dimensions set forth by the USDOT Regulations.

### **Minimum Equipment Requirements:**

1. Mechanical Refrigeration Unit
2. Diesel powered unit is required; propane units are not acceptable

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- 1 3. Automatic low fuel shutdown
- 2 4. Trailer shall be well insulated
- 3 5. All gaskets around openings shall be in good working order and provide proper seal to
- 4 prevent passage of air into the unit from outside sources to the extent possible.
- 5 6. Refrigerated trailer shall have NPLA/RTF certification plates which provide information on
- 6 refrigeration rating and option equipment on refrigerated trailer at time of manufacture.
- 7 7. The exterior of the trailer shall be free of defects (dents and openings) that would
- 8 compromise the ability of the refrigeration unit to properly cool the stored products.
- 9 8. All entrances shall have OSHA approved steps with platform at top (level with doorway) to
- 10 allow safe entry into trailer and removal of products.
- 11 9. Refrigeration unit shall be delivered with a full tank of fuel. The government shall be
- 12 responsible for providing operating fuel after delivery to the incident.
- 13 10. Refrigeration unit will be equipped with auto restart and noise control.
- 14 11. Decibel rating shall be no greater than 68 at 50 feet.
- 15 12. Trailers without landing gear must be stable for all types of loading
- 16 13. The trailer shall be delivered to the incident with the interior of the trailer clean, sanitary and
- 17 free of debris and odor. All floor drains shall be open and free of debris.
- 18 14. At a minimum, the refrigeration unit shall be capable of maintaining stored food at a
- 19 temperature of 41 degrees Fahrenheit or lower and provide freezer storage space capable of
- 20 maintaining frozen food at 0 degrees Fahrenheit, and provide a movable partition to separate
- 21 these two areas.
- 22 15. Unit shall arrive at incident at a temperature of 41 degrees.
- 23 16. Refrigeration and freezer storage units shall be equipped with a thermometer that is
- 24 equivalent to a "min/max" type or a "continuous graphing" type placed no further than 8 feet
- 25 from the entrance being used.
- 26 17. Refrigeration and freezer storage units containing temperature indicators attached to the
- 27 outside of the unit must clearly provide a temperature reading of the inside of the unit no
- 28 further than 8 feet from the entrance.
- 29

30 **Mobilization and Demobilization:**

31  
32 Mobilization and demobilization rate should include all mobilization and demobilization  
33 expenses, including setup/takedown.

34  
35 **PAYMENTS**

- 36
- 37 • REPAIRS - Repairs shall be made and paid for by the Contractor. The Government may,
- 38 at its option, elect to make such repairs when necessary to keep the resource operating.
- 39 The cost of such repairs will be \$90 per hour, plus parts and will be deducted from
- 40 payment to the contractor.
- 41 • OPERATING SUPPLIES - The Contractor shall deliver the unit with a full tank of fuel.
- 42 The government is responsible for providing operating fuel after delivery to the incident.

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- On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel (resource traveling under its own power) that has a specific start and ending time.
- DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.
- WORK RATE (MILEAGE) - Shall apply when equipment is under hire as ordered by the Government, and being mobilized/demobilized from an incident. Round-trip mileage for both mobilization/demobilization shall be paid if the equipment is delivered, and transport returns to the point of hire.
- Payment will be made at the rate (daily, weekly, monthly) that is most advantageous to the government. For payment purposes, the payment computation will start over after each 7 day period and after the 30th day for any period of time under hire.

40. **Refuse Collection (Commercial)** Available from a number of commercial sources. Rates should be the standard commercial rates.

41. **Road Grader (Competitive)** For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/viprreports.php> in conjunction with any standard rates provided for negotiation purposes.

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, trained/certified personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

### **EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

### **Equipment Typing Matrix**

Type	Engine Net HP at Flywheel	Daily Rate Single Shift	Daily Rate Double Shift	How to Hire
2	120 HP – 164 HP	\$1414	\$2424	Operator: Contractor (wet) Supplies: Contractor (wet)
1	165+ HP	\$1626	\$2784	

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<b>TYPE 1 (165+ HP)</b>	
Case	885
Caterpillar	14H, 16H
Champion	D-686, 780, 740A, 750A, 780A
Galion	T-700, 870B, 870C
John Deere	772CH II
Komatsu	GD670A-2C, GD670AW-2C, GD750A-1, GD825A-2
New Holland	RG200, RG200B
Volvo	G740, G740B, G746B, G780, G780B

1

<b>TYPE 2 (145-199 HP)</b>	
Case	865
Caterpillar	12H, 140H, 143H, 160H, 163H
Champion	720A, 726A, 730A, 736A
Fiat Allis	FG85A, FG105A
Galion	850B, 850C
John Deere	670CH II, 672CH II, 770C, 770C II, 770CH, 770CH II, 772CH
Komatsu	GD650A-2C, GD650AW-2C, GD655-3, GD675-3
New Holland	RG170, RG170B
Volvo	G720, G720B, G726 VHP, G726B, G730, G73B, G736 VHP

2

<b>TYPE 2 (120-144 HP)</b>	
Case	845
Caterpillar	120H, 135H
Champion	710A, 716A
Galion	830B, 830C
John Deere	670C, 670C II, 670CH, 672CH
Komatsu	GD530A-2C, GD530AW-2C, GD555-3
New Holland	RG140, RG140B
Volvo	G710, G710B, G716VHP

3

4 **Minimum Equipment Requirements:**

5

6

7

8

9

10

**All Transportation Vehicles:** shall be in sound mechanical condition with sufficient horsepower and mainframe configurations to ensure successful performance on roads and highways. All vehicles under this Agreement shall be able to be legally driven on highways under their own power and be able to travel at a minimum of 50 miles an hour.

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1       **Biobased Products:** This procurement requires the use of biobased products to the extent  
2       that such products are reasonably available, meet agency or relevant industry  
3       performance standards, and are reasonably priced. Where available, these products  
4       should first be acquired from among qualified products that fall under the umbrella of  
5       items designated through the Federal Biobased Products Preferred Procurement Program  
6       (FB4P). Information is available at: <http://www.biopREFERRED.gov/> .  
7

8       **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
9       markings on private vehicles or property.

10       **Vehicle Licensing Requirements:** All Units offered and used under this Agreement  
11       shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight  
12       Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified  
13       vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR  
14       396.23).  
15

16  
17       **Training/Experience:**

18  
19       Each person under this Agreement shall meet the following minimum requirements:

- 20       • RT-130 Annual Fireline Refresher including fire shelter.
- 21       • Commercial Drivers License (for transports, when required).
- 22       • All operators shall be able to operate the equipment safely up to the  
23       manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)  
24

25       **PAYMENT**

- 26  
27       • On-Shift includes time worked, time that resource is held or directed to be in a  
28       state of readiness, and compensable travel (resource traveling under its own power)  
29       that has a specific start and ending time.
- 30       • DOUBLE SHIFT equipment is staffed with two operators or crews (one per  
31       shift). There will be no compensation for a double shift unless a separate operator is  
32       ordered in writing for the second shift. Agency personnel at the Section Chief level  
33       may, by resource order, authorize a second operator if needed during the assignment.  
34       Double shifts, when ordered, will be paid at 165% of the daily rate.
- 35       • DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400).  
36       For fractional days at the beginning and ending of time under hire, payment will be  
37       based on 50 percent of the Daily Rate for periods less than 8 hours.  
38

39       42. **Skidder (Competitive)**

40       For incident only signups utilize specifications and terms and conditions in the national  
41       templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
42       rates posted at <http://www.fs.fed.us/business/incident/vipreports.php> in conjunction with any  
43       standard rates provided for negotiation purposes.

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1 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
2 trained/certified personnel, and supervision and management of those personnel, necessary to  
3 meet or exceed the Agreement specifications.  
4

5 **EQUIPMENT REQUIREMENTS**  
6

7 Equipment shall meet all standards established by specification or incorporated by reference and  
8 shall be maintained in good repair by the Contractor. Skidder is required to be equipped with  
9 rollover protection, tire chains, safety canopy, approved spark arrester on all naturally aspirated  
10 engines, axe or Pulaski and shovel, fire extinguisher - minimum 10:BC rating, and backup alarm.  
11

Type	ENGINE NET HP AT FLYWHEEL	Daily Rate Single Shift	Daily Rate Double Shift	How to Hire
1	176+ HP	\$2275	\$4205	Operator: Contractor (wet) Supplies: Contractor (wet)
2	100 – 175 HP	\$1448	\$3076	
3	60 – 99 HP	\$1215	\$2531	

12  
13 **Minimum Equipment Requirements:**  
14

15 **All Transportation Vehicles:** shall be in sound mechanical condition with sufficient  
16 horsepower and mainframe configurations to ensure successful performance on roads and  
17 highways. All vehicles under this Agreement shall be able to be legally driven on  
18 highways under their own power and be able to travel at a minimum of 50 miles an hour.  
19

20 **Biobased Products:** This procurement requires the use of biobased products to the extent  
21 that such products are reasonably available, meet agency or relevant industry  
22 performance standards, and are reasonably priced. Where available, these products  
23 should first be acquired from among qualified products that fall under the umbrella of  
24 items designated through the Federal Biobased Products Preferred Procurement Program  
25 (FB4P). Information is available at: <http://www.biopreferred.gov/> .  
26

27 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
28 markings on private vehicles or property.  
29

30 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement  
31 shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight  
32 Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified  
33 vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR  
34 396.23).  
35  
36

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**Training/Experience:**

Each person under this Agreement shall meet the following minimum requirements:

- RT-130 Annual Fireline Refresher including fire shelter.
- Commercial Drivers License (for transports, when required).
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)

**PAYMENT**

- On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel (resource traveling under its own power) that has a specific start and ending time.
- DOUBLE SHIFT equipment is staffed with two operators or crews (one per shift). There will be no compensation for a double shift unless a separate operator is ordered in writing for the second shift. Agency personnel at the Section Chief level may, by resource order, authorize a second operator if needed during the assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.
- DAILY RATE - Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.

**43. Tent Canopy (Commercial)**

Available from a number of commercial sources. Rates should be the standard commercial rates. Recommendation is to check National and Local Cache stock to obtain resource prior to ordering commercially.

**44. Transport Type 1: Tractor/Trailer (Lowboy) (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, trained/certified personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

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**Equipment Typing Matrix:**

- Type 3 - rated at loads up to 35,000 lbs.
- Type 2 - rated at loads 35,001 to 69,999 lbs.
- Type 1 - rated at loads over 70,000 lbs.

**Minimum Equipment Requirements**

1. An audible reverse warning device (backup alarm) of 87 decibel or greater measured at 5 feet behind and in the center of the equipment.
2. A fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag and the annual maintenance tag in regards to a 6 year annual inspection and every 12 years regarding a hydro test on all dry powder, metal fire extinguishers.
3. Shovel
4. US Forest Service-qualified spark arrester on all naturally aspirated engines
5. All factory guards shall be in place and in functional condition (i.e. engine compartment) (applicable for heavy equipment)
6. Radiator protection (applicable for heavy equipment)
7. Seat belts
8. Flashlight
9. Water, 1 gal drinking
10. 5-person first aid kit
11. Personal Protective Equipment. Contractor shall be responsible for ensuring all personnel arrive at the incident with the proper Personal Protective Clothing and Equipment as prescribed in the agreement. Contractor shall be responsible for ensuring the Personal Protective Equipment is operable and maintained in good repair throughout the duration of any assignment. Personal Protective Clothing will be maintained in good repair, and be cleaned at sufficient intervals to preclude unsafe working conditions. All personnel shall be wearing Personal Protective Clothing, including boots, upon arrival at the incident.

Contractor shall be responsible for ensuring that all personnel arrive with the following:

**Personal Protective Equipment (PPE):**

- **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not recommended).
- **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.
- **GLOVES:** One pair of heavy-duty leather per person.
- **EYE PROTECTION:** One pair (meets standards ANSI Z87, latest edition).

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- **HEARING PROTECTION:** Use hearing protection whenever sound levels exceed 85 dB. Earphones (headset) required with radio shall have built-in hearing protection.

- **HEAD LAMP:** With batteries and attachment for hardhat.

NOTE: It is recommended that fireline personnel wear a short-sleeved t-shirt, underwear, and socks under fire clothing and boots. T-shirts and underwear should be 100% cotton or a 100% flame resistant blend of fibers. Socks should be cotton, wool, or a blend of flame resistant fibers.

**Training/Experience:**

- RT-130 Annual Fireline Refresher including fire shelter.
- Commercial Drivers License (for transports, when required).
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations (i.e., experience working in steep terrain, timber, etc.)

**Additional Requirements for Transports:**

- Heavy equipment transport operators are responsible for following Department of Transportation (DOT) standards while in transit and adhere to legal weights, laws and limits pertaining to the transport of heavy equipment while under hire. Transport operators may be required to transport loads of up to the maximum GVWR rating of the tractor-trailer combination on steep, poorly maintained roads. Operators should expect to drive on secondary roads with grades of up to 15 percent, with close radius switchbacks and road surfaces of natural material. Truck and trailer shall be capable of working on secondary Forest/Range roads with adequate tractor horsepower and trailer clearance to excel in this environment. Operators may haul dozers, road graders excavators and logging equipment while under hire and must understand load securement and tractor-trailer limitations. Operator is responsible for meeting all State requirements, such as weight restrictions and hauling permits. All special permits are the responsibility of the Operator.
- If transporting equipment as a for hire motor carrier, all transports shall have Carrier Insurance as required by 49 CFR 387 (Minimum levels of responsibility for motor carriers) and have Cargo Insurance commensurate with the types of cargo that is being hauled.

**TRANSPORTATION:**

Transports shall have current Department of Transportation (DOT) certification and be of sufficient and legal weight rating to transport the equipment.

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1 Contractor is responsible for:

- 2 a. Meeting all state and federal requirements, such as weight restrictions and hauling
- 3 permits;
- 4 b. All special permits;
- 5 c. Providing all pilot cars when required by a permitting agency;
- 6 d. A valid fleet insurance policy information card issued by an insurer;
- 7 e. A valid insurance declaration page;
- 8 f. A written insurance binder issued by the same agent as parent insurance.

9  
10 Equipment under the direction of incident management personnel may not be unloaded  
11 immediately. The Contractor is responsible for all costs associated with the transport until the  
12 equipment is unloaded and the transport is released. The transport may be retained at the incident  
13 for the sole purpose of transporting the equipment that was originally ordered; the minimum  
14 daily guarantee will be paid until the transport is released. This must be documented on the shift  
15 ticket and in the Incident Action Plan. If there is no Incident Action Plan (i.e., smaller incidents)  
16 approval by the Incident Commander is acceptable. If the contractor elects to keep the transport  
17 at the incident location after it is released by the government, no payment will be made.

18  
19 **PAYMENT**

20  
21 Transports (Stand Alone) – **ordered under a resource order number separate by**  
22 **Government to remain at the incident and transport other vendor's equipment.**

- 23 • On-Shift includes time worked, time that resource is held or directed to be in a
- 24 state of readiness, and compensable travel (resource traveling under its own
- 25 power) that has a specific start and ending time.
- 26 • MINIMUM DAILY GUARANTEE - For any time under hire for at least 8 hours,
- 27 the government will pay no less than the minimum daily guarantee, or the mileage
- 28 rate, whichever is greater. If a resource is under hire for less than 8 hours during a
- 29 calendar day, the amount earned for that day will not be less than one-half the
- 30 minimum daily guarantee, or the mileage rate, whichever is greater.
- 31 • MILEAGE - Payment shall be made for the mileage rate or minimum daily
- 32 guarantee, whichever is greater

33  
34 Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment and same  
35 operator.

- 36 • Heavy equipment that has one operator for the transport and the heavy equipment
- 37 will be paid at 65% of the rate for the transport - minimum daily guarantee.
- 38 • MINIMUM DAILY GUARANTEE – For any time under hire for at least 8 hours,
- 39 the government will pay no less than 65% of the minimum daily guarantee, or the
- 40 mileage rate, whichever is greater. If a resource is under hire for less than 8 hours
- 41 during a calendar day, the amount earned for that day will not be less than 32.5%
- 42 the minimum daily guarantee, or the mileage rate, whichever is greater.

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- Once the heavy equipment is delivered to the incident the transport is considered released and no further payment will be made for the transport under this agreement; until the transport is needed for demobilization of the heavy equipment.
- If the transport is retained at the incident for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or 65% of the minimum daily guarantee will be paid until the transport is released. This must be documented on the shift ticket.
- If approved by the Government, the contractor may keep the transport at the incident after it has been released, but no payment will be made except when the heavy equipment is released from the incident for return to the point of hire, or reassigned to another incident.
- **MILEAGE** - Payment shall be made for the mileage rate or 65% of the minimum daily guarantee, whichever is greater.

Transport for Heavy Equipment – Same Resource Order Number as Heavy Equipment and separate transport operator; include the name of the transport operator in the Remarks block (block 14) of the shift ticket.

- **MINIMUM DAILY GUARANTEE** - For any time under hire for at least 8 hours, the government will pay no less than the minimum daily guarantee, or the mileage rate, whichever is greater. If a resource is under hire for less than 8 hours during a calendar day, the amount earned for that day will not be less than one-half the minimum daily guarantee, or the mileage rate, whichever is greater.
- Once the heavy equipment is delivered to the incident the transport is considered released and no further payment will be made for the transport under this agreement; until the transport is needed for demobilization of the heavy equipment.
- If the transport is retained at the incident for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or the minimum daily guarantee, whichever is greater, will be paid until the transport is released. This must be documented on the shift ticket.
- If approved by the Government, the contractor may keep the transport at the incident after it has been released, but no payment will be made except when the heavy equipment is released from the incident for return to the point of hire, or reassigned to another incident.
- If the transport is retained by the incident for transporting other equipment, the company owning the transport must have an existing agreement issued under this solicitation, and must be ordered with a separate resource order number. The point of hire will be the incident. At no time will the transport be paid more than once for a single day.
- If the transport (associated with a piece of heavy equipment) is released prior to the heavy equipment and the contractor elects to return the transport to their home base, time under hire would end at the estimated time of arrival back to the point

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1 of hire. At the conclusion of the assignment, when the heavy equipment is  
2 released, time under hire would begin when the transport begins travel back to the  
3 incident.

- 4 • MILEAGE - Payment shall be made for the mileage rate or minimum daily  
5 guarantee, whichever is greater.

6  
7 **45. Tractor (Cache van movement) (Informal & Commercial)**

8 For incident only signups utilize specifications and terms and conditions in the national  
9 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
10 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.

11  
12 The Contractor is responsible for all equipment, materials, supplies, transportation, lodging,  
13 trained/certified personnel, and supervision and management of those personnel, necessary to  
14 meet or exceed the Agreement specifications.

15  
16 **EQUIPMENT REQUIREMENTS**

17  
18 Forest Service Cache Tractor (Truck), and Trailer(s) shall meet all standards established by  
19 specification or incorporated by reference and shall be maintained in good repair by the  
20 Contractor.

21  
22 **Minimum Equipment Requirements:**

23  
24 Cache Tractor (Truck), and Trailer(s)

- 25 1. Tractors must have capability to pull Cache trailer(s) containing fire suppression supplies  
26 to various locations in support of wildland fire activities and all-hazard incidents.
- 27 2. Operators/Drivers must be experienced and capable to maneuver tractors/trailer(s) in  
28 remote areas, and on steep grades. Such as; remote forested areas, dirt roads, logging  
29 roads, maneuver on tight switch backs, and in tight areas such as campgrounds.
- 30 3. Operators/Drivers must be experienced and capable to operate tractor/trailer(s) in all  
31 types of inclement weather.
- 32 4. Operators/Drivers must understand and adhere to load securement and tractor-trailer  
33 limitations.
- 34 5. Operator is responsible for meeting all State requirements, such as weight restrictions and  
35 hauling permits.
- 36 6. Operators/Drivers must possess a valid class A commercial vehicle driver's license  
37 (CDL).
- 38 7. Vendors must be able to provide a driver with a valid Class A CDL that includes a valid  
39 hazmat endorsement upon request. Note: On occasion cache trucks are required to  
40 transport various explosives such as, firing devices and fuses.
- 41 8. Operators/Drivers will be required to ensure appropriate agency forms/waybills are  
42 signed and distributed as directed. These forms may be provided by the shipper and/or  
43 Government.

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- 1 9. Operators/Drivers: Upon initial dispatch driver should be able to drive a full shift without  
2 exceeding DOT or other state and federal driving regulations, (not timed out or close to  
3 timing out for day). Please refer to Emergency Incident Driving and Driver Hour  
4 Limitation for Interagency Incidents.
- 5 10. Tractor's must be equipped with an adjustable (sliding) 5th wheel that will accommodate  
6 trailers provided by the cache. Note: Cache trailers are typically 28' trailers with a 47" to  
7 49" inch 5th wheel base.
- 8 11. When placing an order: Cache must specify what trailer length /size(s) and how many of  
9 each size of trailers they are requesting (if any). Examples: Tractor only, or Tractor with  
10 45 foot trailer, or Tractor with two, 28 foot trailers. If the anticipated load includes  
11 hazardous materials the cache must notify the vendor and a driver with hazmat  
12 endorsement is required.
- 13 13. The vendor must provide to dispatch at the time of call up the availability of quantity and  
14 length size(s) of trailer(s) the vendor will provide.
- 15 14. Trailer size requirements will vary depending on incidents and cache needs. Average size  
16 trailers range from 24' to 30'. On occasion 45' to 53' trailers may be requested. Payment  
17 adjustments for size of trailer(s) will not be considered.
- 18 15. Trailers (van) must be fully enclosed. Curtain type trailers are not acceptable.
- 19 16. Trailers must be equipped to allow use of cargo locking bars or straps if required.
- 20 17. Due to the response time required for delivery to emergency incidents, resources will  
21 need to be available for use within a very short time frame of the Government placing an  
22 order.
- 23 18. All transports shall have Cargo Insurance commensurate with the types of cargo that is  
24 being hauled.
- 25 19. The ordering Cache/Forest is responsible for verifying time and processing payment. All  
26 payment documents shall be submitted to the ordering Cache/Forest.
- 27 20. The Government may request a tractor to pull a single trailer or double trailers  
28 (Government/Contractor provided).

29  
30 **All Transportation Vehicles:** shall be in sound mechanical condition with sufficient  
31 horsepower and mainframe configurations to ensure successful performance on roads and  
32 highways. All vehicles under this Agreement shall be able to be legally driven on highways  
33 under their own power and be able to travel at a minimum of 50 miles an hour.

34  
35 **Biobased Products:** This procurement requires the use of biobased products to the extent that  
36 such products are reasonably available, meet agency or relevant industry performance standards,  
37 and are reasonably priced. Where available, these products should first be acquired from among  
38 qualified products that fall under the umbrella of items designated through the Federal Biobased  
39 Products Preferred Procurement Program (FB4P). Information is available at:  
40 <http://www.biopreferred.gov/> .

41  
42 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or markings  
43 on private vehicles or property.

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1 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement shall be  
2 licensed and legally operable on all roads. All Units with a Gross Vehicle Weight Rating  
3 (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle  
4 inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23)  
5

6 **Driver Hour Limitation:** - The following Driver Hour limitations shall apply to this agreement:

- 7 • No driver will drive more than 10 hours (behind the wheel/actual driving time)  
8 within any duty-day
- 9 • Multiple drivers in a single vehicle may drive up to the duty-day limitation  
10 provided no driver exceeds the individual driving time (behind the wheel/actual  
11 driving time) limitation of 10 hours.
- 12 • A driver shall drive only if they have had at least 8 consecutive hours off duty  
13 before beginning a shift.  
14

15 **PAYMENT**

- 16
- 17 • On-Shift includes time worked, time that resource is held or directed to be in a state  
18 of readiness, and compensable travel (resource traveling under its own power) that  
19 has a specific start and ending time.
- 20 • Tractor only rate is based on dead-head (hourly) rate. Proposed hourly rate shall be  
21 used to compensate for operator costs (i.e. labor, worker's compensation, insurance,  
22 etc.). Hourly rate applies when resource is under hire as ordered by the Government  
23 and on-shift
- 24 • Mileage rate shall be used to compensate for tractor (truck) costs (i.e. fuel, wear and  
25 tear, insurance, etc.) and be inclusive of whether or not tractor is hauling trailer(s)  
26 (Gov't/Contractor provided).  
27

28 **46. Utility Vehicle (e.g. Gator, Mule) (Commercial, Informal, and Competitive)**

29 Utilize Government owned sources before renting. Government shall provide fuel and oil. Only  
30 four-wheel drive models are acceptable. UTVs can be hired at commercial rate on commercial  
31 agreement without operator from vendor. For incident-only signups or if hired from a non-  
32 commercial entity informally, the standard daily rate is indicated below which can be used in  
33 conjunction with the 90% rate <http://www.fs.fed.us/business/incident/vipreports.php>. Allow for  
34 delivery charges.  
35

36 When establishing an EERA or Informal BPA, utilize specifications and terms and conditions in  
37 the national template posted at <http://www.fs.fed.us/business/incident/solicitations>.  
38

Daily rate	Delivery/Pick-Up	How to Hire
\$105	.48/mile	Operator: Government (dry) Supplies: Government (dry)

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1 UTVs-Utility Terrain Vehicles shall meet all standards established by specification or  
2 incorporated by reference and shall be maintained in good repair by the Contractor.

3  
4 **EQUIPMENT REQUIREMENTS**

5  
6 **Equipment Typing:**

7  
8 Categories: Side-by-Side with Bed (UTV)

9  
10 **Minimum Equipment Requirements:**

11  
12 **Mobilization and Demobilization:** Mobilization and demobilization rate should include  
13 all mobilization and demobilization expenses.

14  
15 All transportation vehicles shall be in sound mechanical condition with sufficient  
16 horsepower and mainframe configurations to ensure successful performance on roads and  
17 highways. All vehicles under this Agreement shall be able to be legally driven on  
18 highways under their own power and be able to travel at a minimum of 50 miles an hour.

19  
20 **Biobased Products:** This procurement requires the use of biobased products to the extent  
21 that such products are reasonably available, meet agency or relevant industry  
22 performance standards, and are reasonably priced. Where available, these products  
23 should first be acquired from among qualified products that fall under the umbrella of  
24 items designated through the Federal Biobased Products Preferred Procurement Program  
25 (FB4P). Information is available at: <http://www.biopreferred.gov/>.

26  
27 **Prohibited Marking:** Federal regulations prohibit the use of official agency shields or  
28 markings on private vehicles or property.

29  
30 **Vehicle Licensing Requirements:** All Units offered and used under this Agreement  
31 shall be licensed and legally operable on all roads. All Units with a Gross Vehicle Weight  
32 Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified  
33 vehicle inspection; or b) Commercial Vehicle Safety Alliance Inspection. (49 CFR  
34 396.23).

35  
36 **PAYMENT**

- 37  
38  
39  
40  
41  
42
- **DAILY RATE** - Payment will be made on basis of calendar days (0001 - 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.
  - Payment will be made at the rate (daily, weekly, monthly) that is most advantageous to the government. For payment purposes, the payment

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1 computation will start over after each 7 day period and after the 30th day for any  
2 period of time under hire.  
3

4 **47. Vehicle with Driver (Competitive)**

5 For incident only signups utilize specifications and terms and conditions in the national  
6 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
7 rates posted at <http://www.fs.fed.us/business/incident/vipreports.php> as well as the standard  
8 rates provided below for negotiation purposes.  
9

10 **Do not sign up government employees' personal vehicles on I-BPAs/EERAs. Use of**  
11 **personal vehicles by government employees may be reimbursed at the amount applicable in**  
12 **the Federal Travel Regulations mileage rate. No daily rate will be paid. This includes ADs**  
13 **assigned to an Incident Management Team.**

14 **UTILITY VEHICLES 4X4**

15 Light Utility: Ford Explorer, Chevy Trailblazer, Toyota 4-Runner, Ford Escape  
16 Full Size Utility: (1/2 and/or 3/4 Ton) Ford Bronco, Chevy Tahoe, Chevy Suburban, Ford  
17 Expedition, etc.  
18

Type	Mileage Rate	Daily Rate	How To Hire
Light Utility (up to 6299 GVW)	\$0.48	\$338	Operator: Contractor (wet) Supplies: Contractor (wet)
½ Ton (6300-6900 GVW)	\$0.48	\$367	
¾ Ton (6901-9700 GVW)	\$0.48	\$371	

19 **PICKUPS, 4X2**

20 Compact: Toyota Tacoma, Chevy S-10, Ford Ranger, etc...  
21 Full Size (1/2 T): Chevy & GMC 1500/C10/K10, Ford 150, Dodge 1500  
22 Full Size (3/4 T): Chevy & GMC 2500/C20/K20, Ford 250, Dodge 2500  
23 Full Size (1T): Chevy & GMC 3500/C30/K30, Ford 350, Dodge 3500  
24

Type	Mileage Rate	Daily Rate	How To Hire
Compact (up to 6299 GVW)	\$0.48	\$331	Operator: Contractor (wet) Supplies: Contractor (wet)
½ Ton (6300-6900 GVW)	\$0.48	\$359	
¾ Ton (6901-9700 GVW)	\$0.48	\$364	
1 Ton (over 9701 GVW)	\$0.48	\$372	

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**PICKUPS, 4X4**

Compact: Toyota Tacoma, Chevy S-10, Ford Ranger, etc...  
 Full Size (1/2 T): Chevy & GMC 1500/C10/K10, Ford 150, Dodge 1500  
 Full Size (3/4 T): Chevy & GMC 2500/C20/K20, Ford 250, Dodge 2500  
 Full Size (1T): Chevy & GMC 3500/C30/K30, Ford 350, Dodge 3500

Type	Mileage Rate	Daily Rate	How To Hire
Compact (up to 6299 GVW)	\$0.48	\$338	Operator: Contractor (wet) Supplies: Contractor (wet)
½ Ton (6300-6900 GVW)	\$0.48	\$367	
¾ Ton (6901-9700 GVW)	\$0.48	\$371	
1 Ton (over 9701 GVW)	\$0.48	\$383	

**4X2 and 4X4 STAKESIDE/STOCK TRUCKS**

Full Size (3/4 T): Chevy & GMC 2500/C20/K20, Ford 250, Dodge 2500  
 Full Size (1T): Chevy & GMC 3500/C30/K30, Ford 350, Dodge 3500

Type	Mileage Rate	Daily Rate	How To Hire
¾ Ton (7001-9700 GVW) 9' platform & up	\$0.48	\$371	Operator: Contractor (wet) Supplies: Contractor (wet)
1 Ton (9701-12000 GVW) 12' platform & up	\$0.48	\$383	
1.5 Ton (12001-14500 GVW) 12' platform & up	\$0.54	\$534	
2 Ton (14501- 22000 GVW) 12' platform & up	\$0.60	\$539	
3 Ton (22001-25000 GVW) 12' platform & up	\$0.75	\$553	

Trucks larger than 22,000 GVW will be rated under the transport category.

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

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**1 Minimum Equipment Requirements:**

- 2
- 3 • Vehicles shall be equipped with a spare tire, wheel wrench, jack, and fire extinguisher
  - 4 (2A 10BC).
  - 5 • Adequate insurance for a commercial operation.
  - 6 • All vehicles shall be configured to the manufacturer's original specifications.
  - 7 • Modifications to vehicles that may result in the vendor not being awarded an agreement
  - 8 would be lift kits, aftermarket exhaust (i.e., glass packs), and other such modifications
  - 9 that would compromise the integrity of the vehicle.

10

11 **Government Provided Equipment:**

12

13 Personal Protective Equipment – The government considers operators as fireline personnel who

14 will use and wear specified articles of personal protective equipment. The following mandatory

15 items will be issued by the Government, when not furnished by the Contractor, to operators

16 performing within the scope of this agreement.

- 17
- 18 • Clothing: (1) Flame resistant pants and shirts; (2) Gloves (Either Nomex or
  - 19 chrome tanned leather, when not furnished by the contractor); (3) Hard hat; (4)
  - 20 Goggles or safety glasses.
  - 21 • Equipment: (1) Fire shelter; (2) Headlamp; (3) Individual First-Aid Kit; (4)
  - 22 Other items, in addition to these three may be issued by the Government.

23

24 Operators shall wear the items of clothing issued and maintain the issued equipment in a usable

25 and readily available condition. Upon completion of the contract assignment, all issued items of

26 clothing or equipment shall be returned to the Government. Deductions will be made for all

27 Government furnished protective equipment not returned by the government.

28

29 **Mileage:**

30

31 In addition to the daily rate, a mileage rate will be paid.

32

33 **Training/Experience:**

- 34
- 35 • One operator shall be provided, and must maintain a valid state driver's license.
  - 36 • All operators are required to have RT-130 Annual Fire Refresher including fire shelter.\*
  - 37 • The operator's health and physical condition must be sufficient to perform the duties of
  - 38 driver without causing anyone undue hazard. Please specify any physical limitations that
  - 39 may influence your work activities in writing to the Contracting Officer.
  - 40 • All operators shall be able to occasionally lift objects up to 30 pounds.
  - 41 • All operators shall be able to operate the equipment safely up to the manufacturer's
  - 42 limitations.

43 \*Nomex and PPE will be provided by the Government.

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**PAYMENT**

- On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel (resource traveling under its own power) that has a specific start and ending time.
- DAILY RATE - Payment will be made on basis of calendar days (0001 – 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.
- MILEAGE– Shall apply when equipment is under hire as ordered by the Government.

**48. Vehicle Rental Un-operated (Informal or Commercial)**

Standard method of hire: Un-operated, daily/weekly/monthly rate plus mileage (according to commercial invoice), government provides operating supplies (fuel/oil) and cleaning fee.

Consideration will be given to weekly or monthly rates when determined to be more economical.

The preferred method of hiring vehicles is under GSA Rental Supplemental Vehicle Program (RSVP) national contract. Procurement official may contact vendors below to determine if they can meet the order requirements (date, time and vehicle type). Copy of the vendor contract, email address, etc., are available on GSA's RSVP web site: <http://www.gsa/rsvp>. An Emergency Equipment Shift Ticket (OF-297) should be completed with beginning and ending date and mileage to support the credit card payment to the vendor. Avoid entering into POV agreements with private citizens.

Vendor	Contract #	Phone	Email
ACE RENT-A-CAR, INC.	GS-33F-0004T	(317)241-3039	jcopas@acerentacar.com
ACME AUTO LEASING LLC	GS-33F-0032U	(203)234-6850	bcrowe@acmeautoleasing.com
AVIS RENT A CAR SYSTEM, INC.	GS-33F-0022S	410-684-2919	robert.krapf@avisbudget.com
BUDGET TRUCK RENTAL LLC	GS-33F-0024T	(410)663-4291	victor.peirorazio@avisbudget.com
DOLLAR THRIFTY AUTOMOTIVE GROUP, INC.	GS-33F-0017S	(918)669-2615	gsa.dtag@dtag.com
EAN HOLDINGS, LLC	GS-33F-0015S	(314)512-5390	gsa-rsvp@erac.com
MATRAN, INC.	GS-33F-0039X	(800)783-3613	john@masterstransportation.com
MOBILITY, INC.	GS-33F-0019S	(301)913-5000	mserafino@zipcar.com
PENSKE TRUCK LEASING CO., L.P.	GS-33F-0028T	(610)775-6000	steve.tuleya@penske.com
PREMIER LEASING, INC.	GS-33F-0016V	(337)479-1333	deanna.usaveauto@yahoo.com
RYDER TRUCK RENTAL, INC.	GS-33F-0023T	(407)234-1367	ryan_hill@ryder.com

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SKYHAWK LOGISTICS, INC.	GS-33F-0032Y	(301)585-2424	JAMES@SKYHAWK.COM
TAYLOR MOTORS, INC.	GS-33F-0021Y	(270)762-0041	peggytaylor@wedeliverbest.com
THE HERTZ CORPORATION	GS-33F-0051X	(703)683-9264	lleffler@hertz.com
VALLERIE SERVICES COMPANY, LLC	GS-33F-0053W	(410)355-7765	michaelv@vallerietrailer.com

Units may also utilize the above contracts under the GSA-Short Term Rental (STR) Program. Obtaining rental vehicles through this program does not require procurement authority as GSA pays for the rental vehicle and then bills the agency BOAC code. Detailed information outlining the process, roles and responsibilities, etc., are posted at:

<http://www.gsa.gov/portal/content/102675> .

**Vehicles should be rented at rates not to exceed those charged the public and should show both daily and weekly rates.**

If a Government employee rents a vehicle from a commercial agency and the purchase and/or travel card is used, the card holder shall consider:

- How the vehicle(s) will be closed out at the end of the card holder's assignment
- Use is for ALL Government employees
- Process for claim settlement that may result from the rental
- The cardholder is liable for any damage the driver incurs and will document damage properly and provide documentation to the Claim Unit of the Incident Management Team assigned to the incident.

**49. Water Tender, Support (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/vipreports.php>.

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

Equipment (vehicle, tank, pump, accessories, and equipment complement) shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.

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1 **Equipment Typing Matrix:**

2

<b>MINIMUM STANDARDS SUPPORT WATER TENDERS</b>			
<b>TYPE</b>	1	2	3
<b>REQUIREMENTS</b>			
Tank Capacity (gallons)	4000	2500	1000
Minimum	NONE	3999	2499
Maximum			
Pump Minimum Flow (gpm)	300	200	200
@ rated pressure (psi)	50	50	50
Spray Bar or Equivalent*	Yes	Yes	Yes
Maximum Refill Time (minutes)	30	20	15
Drafting Capabilities	Yes	Yes	Yes
<b>MAY USE PORTABLE PUMP THAT MEETS MINIMUM STANDARDS</b>			
Personnel (minimum)	1	1	1

3

**\*Spray bar or equivalent that operates with a pump, PTO or gravity fed on front and/or rear of water tender**

4

5

6 **Minimum Equipment Requirements:**

7

8

1. In addition to these requirements, engines and tenders shall meet all State Motor Vehicle Requirements.

9

10 2. An audible reverse warning device (backup alarm) of 87 decibel or greater measured at 5 feet behind and in the center of the equipment.

11

12 3. Vehicles that have emergency lights may not use them when performing work under this Agreement unless directed in writing by the Incident Commander to do so.

13

14 4. Tow-behind units are not acceptable for Engines or Tactical Water Tenders.

15

16 5. No engine or water tender shall exceed the manufacturer's Gross Vehicle Weight Rating (GVWR) or Gross Axle Weight Rating (GAWR) per axle when the vehicle is fully loaded and equipped. **Fillers, spacers, and overflow devices to reduce the overall capacity of the tank shall not be allowed.** The vehicle GVWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR for the incident inspection. Only a written verifiable GVWR from the manufacturer or final stage manufacturer will be accepted.

17

18 6. Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. Free Floating Baffle System - baffles which reduce the shifting of the water load AND do not compromise the structural integrity of the originally manufactured tank are acceptable. If a Free Floating Baffle System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturer's recommendation. All tanks shall comply with one (1) longitudinal

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1 baffle regardless of width and one (1) transverse baffle at a minimum of every 52||.  
2 All baffles must cover 75% of the plane of the tank.

3 7. Pump:

- 4 • The tank shall be attached to chassis frame or to a structurally sound flat bed in  
5 such a way to withstand pitch, roll and yaw of the load during on and off road  
6 operation of the unit without damaging the tank or other chassis components.  
7 ○ The pump may be an auxiliary powered pump or a power take-off pump.  
8 All pumps shall have a discharge pressure gauge. If the pump is of the  
9 positive displacement type, a bypass or pressure relief valve shall be  
10 provided.  
11 ○ The pump, as mounted, shall be capable of drafting water from a water  
12 source located 10 feet vertical distance below the pump head through the  
13 required 20 feet of suction hose. The Contractor may substitute a portable  
14 pump capable of meeting the fill times identified for that particular type of  
15 equipment.

- 16 8. All equipment inventory shall be permanently marked with vendor/company  
17 identification. In addition, the vendor is to maintain a complete inventory list,  
18 including any extra items they may be carrying.  
19 9. A fire extinguisher, multi-purpose 2A 10BC that is securely mounted to the vehicle  
20 and accessible by the operator. The fire extinguisher shall have a current annual  
21 inspection tag and the annual maintenance tag in regards to a 6 year annual inspection  
22 and every 12 years regarding a hydro test on all dry powder, metal fire extinguishers.  
23 10. Approved spark arrester on all naturally aspirated auxiliary engines  
24 11. Seat belts  
25 12. Flashlight  
26 13. Line gear shall be provided for contractor personnel to perform incident duties away  
27 from engine/tactical water tenders.  
28 14. Personal Protective Equipment. Contractor shall be responsible for ensuring all  
29 personnel arrive at the incident with the proper Personal Protective Clothing and  
30 Equipment as prescribed in the agreement. Contractor shall be responsible for  
31 ensuring the Personal Protective Equipment is operable and maintained in good repair  
32 throughout the duration of any assignment. Personal Protective Clothing will be  
33 maintained in good repair, and be cleaned at sufficient intervals to preclude unsafe  
34 working conditions. All personnel shall be wearing Personal Protective Clothing,  
35 including boots, upon arrival at the incident.  
36

37 Contractor shall be responsible for ensuring that all personnel arrive with the following:

38  
39 **Personal Protective Equipment (PPE):**

- 40  
41 • **BOOTS:** All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in  
42 good condition (steel toed boots are not recommended).  
43 • **HARD HAT:** Hardhat meeting NFPA Standard 1977 is required.

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- 1 • GLOVES: One pair of heavy-duty leather per person.
- 2 • EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).
- 3 • HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB.
- 4 Earphones (headset) required with radio shall have built-in hearing protection.
- 5 • HEAD LAMP: With batteries and attachment for hardhat.

6  
7 **Additional Requirements for Support Water Tenders:**

- 8
- 9 • All three-axle water tenders shall have a GVWR and GAWR capable of handling 2500
- 10 gallons.
- 11 • All water tenders shall have a minimum of a 4|| gravity dump valve located on the rear of
- 12 the tank capable of dumping 90 % of the tanks contents into a standard folding tank. The
- 13 valve shall be plumbed to allow the flow of water over any rear bumper protection into
- 14 the folding tank.

15  
16 **Minimum Tender Inventory:**

- 17
- 18 1 – Handheld Programmable Radio
- 19 1 – Nozzles, comb fog/straight stream, 1 ½” NH Female
- 20 1 – Reducer, 1 ½” NH female to 1” NPSH Male
- 21 1 – Shovels, size 0 or 1
- 22 1 – Pulaskis
- 23 1 – Spanner Wrench, combination 1 ½” to 2 ½”
- 24 1 – Adjustable Hydrant Wrench
- 25 2 – Adapters 1 ½” NPSH Female to 1 ½” NH Male
- 26 2 – Adapters 1 ½” NH Female to 1 ½” NPSH Male
- 27 2 – Reducers 2 ½” NH Female to 1 ½” NH Male
- 28 1 – Double Male 1 ½” NH
- 29 1 – Double Female 1 ½” NH
- 30 1 – Gated Wye 1 ½” NH
- 31 1 – Fire Hose Clamp 2 ½”
- 32 100’ – 1 ½” cotton/synthetic hose NH thread
- 33 50’ – 2 ½” cotton/synthetic hose NH thread
- 34 Reflective Triangles, bi-directional, set of 3
- 35 Fire Extinguisher, 1 rated at 2A 10BC or better
- 36 1 – First Aid Kit (5 person)
- 37 2 – each Wheel chocks (see Definitions)
- 38 1 – each Portable Hand Lights
- 39 Seat Belt for all passengers
- 40 Minimum 4” Dump Valve at bottom of tank (min. 34” from ground)
- 41 Tires minimum 4/32” tread, front and rear
- 42 Back up Alarm (87 Decibels measured at 5 feet) & back up lights (2)

43

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**Training/Experience:**

- RT-130 Annual Fireline Refresher including fire shelter
- Commercial Drivers License, when required.
- All operators shall be able to operate the equipment safely up to the manufacturer's limitations.

**PAYMENT**

- a. **DOUBLE SHIFT** - equipment is staffed with two operators or crews (one per shift). There will be no compensation for a double shift unless a separate operator is ordered in writing for the second shift. Agency personnel at the Section Chief level may, by resource order, authorize a second operator if needed during the assignment. Double shifts, when ordered, will be paid at 165% of the daily rate.
- b. **DAILY RATE** - Payment will be made on basis of calendar days (0001 – 2400). For fractional days at the beginning and ending of time under hire, payment will be based on 50 percent of the Daily Rate for periods less than 8 hours.

**50. Water Tender, Tactical (Competitive)**

For incident only signups utilize specifications and terms and conditions in the national templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90% rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.

The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications.

**EQUIPMENT REQUIREMENTS**

**Equipment Typing Matrix:**

<b>MINIMUM STANDARDS TACTICAL WATER TENDERS</b>		
<b>TYPE</b>	<b>1</b>	<b>2</b>
<b>REQUIREMENTS</b>		
Tank Capacity (gallons)	2000	1000
Minimum	NONE	1999
Maximum		
Pump Minimum Flow (gpm)	250	250
@ rated pressure (psi)	150	150
Hose (feet)	100	100
Live Hose Reel ¾" ID		
Spray Bar or Equivalent*	Yes	Yes
Pump and Roll	Yes	Yes

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Foam Proportioner System	Yes	Yes
Drafting Capabilities – may use portable pump that meets minimum standards	Yes	Yes
Personnel (minimum)	2	2

**\*Spray bar or equivalent that operates with a pump, PTO or gravity fed on front and/or rear of water tender**

**Minimum Equipment Requirements:**

1. In addition to these requirements, engines and tenders shall meet all State Motor Vehicle Requirements.
2. An audible reverse warning device (backup alarm) of 87 decibel or greater measured at 5 feet behind and in the center of the equipment.
3. Vehicles that have emergency lights may not use them when performing work under this Agreement unless directed in writing by the Incident Commander to do so.
4. Tow-behind units are not acceptable for Engines or Tactical Water Tenders.
5. No engine or water tender shall exceed the manufacturer's Gross Vehicle Weight Rating (GVWR) or Gross Axle Weight Rating (GAWR) per axle when the vehicle is fully loaded and equipped. **Fillers, spacers, and overflow devices to reduce the overall capacity of the tank shall not be allowed.** The vehicle GVWR plate should be on the driver's side doorpost, driver's door, or in the glove compartment. If missing or illegible, the Contractor shall provide a GVWR certificate from manufacturer stating front, rear and total GVWR for the incident inspection. Only a written verifiable GVWR from the manufacturer or final stage manufacturer will be accepted.
6. Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. Free Floating Baffle System - baffles which reduce the shifting of the water load AND do not compromise the structural integrity of the originally manufactured tank are acceptable. If a Free Floating Baffle System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturer's recommendation. All tanks shall comply with one (1) longitudinal baffle regardless of width and one (1) transverse baffle at a minimum of every 52". All baffles must cover 75% of the plane of the tank.
7. Pump:
  - The tank shall be attached to chassis frame or to a structurally sound flat bed in such a way to withstand pitch, roll and yaw of the load during on and off road operation of the unit without damaging the tank or other chassis components.
    - The pump may be an auxiliary powered pump or a power take-off pump. All pumps shall have a discharge pressure gauge. If the pump is of the positive displacement type, a bypass or pressure relief valve shall be provided. The pump shall meet minimum capabilities for the type of Contract Equipment as designated in Section D of this specification and Exhibit M.



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- 1 • All water tenders shall have a minimum of a 4" gravity dump valve located on the rear of
- 2 the tank capable of dumping 90 % of the tanks contents into a standard folding tank. The
- 3 valve shall be plumbed to allow the flow of water over any rear bumper protection into
- 4 the folding tank.
- 5 • Tactical Water Tenders shall be equipped with a foam proportioner.
- 6 • A Tactical Water Tender could also be a Support Water Tender. If the vendor does have
- 7 equipment that meets multiple resource categories, they will be required to submit a
- 8 resource category form for each resource category they are offering.
- 9

10 **Minimum Tender Inventory:**

- 11
- 12 1 - live Hose Reel min. 100' of 1" hose non-collapsible w/3/4" inside diameter
- 13 1 – Handheld Programmable Radio
- 14 1 – Nozzles, comb fog/straight stream, 1 1/2" NH Female
- 15 2 – Shovels, size 0 or 1
- 16 2 - Pulaskis
- 17 1 - Spanner Wrench, combination 1 1/2" to 2 1/2 "
- 18 1 – Adjustable Hydrant Wrench
- 19 2 – Adapters 1 1/2" NPSH Female to 1 1/2" NH Male
- 20 2 - Adapters 1 1/2" NH Female to 1 1/2" NPSH Male
- 21 2 – Reducers 2 1/2" NH Female to 1 1/2" NH Male
- 22 1 – Reducer, 1 1/2" NH female to 1" NPSH Male
- 23 1 – Double Male 1 1/2" NH
- 24 1 – Double Female 1 1/2" NH
- 25 1 – Gated Wye 1 1/2" NH
- 26 1 – Fire Hose Clamp 2 1/2"
- 27 200' - 1 1/2" cotton/synthetic hose NH thread
- 28 50' - 2 1/2" cotton/synthetic hose NH thread
- 29 10 – Fusees (fire starter)
- 30 2 – Line Gear (Day Pack)
- 31 Reflective Triangles, bi-directional, set of 3
- 32 Fire Extinguisher, 1 rated at 2A 10BC or better
- 33 1 – First Aid Kit (5 person)
- 34 2 – each Wheel chocks (see Definitions)
- 35 2 – each Portable Hand Lights
- 36 Seat Belt for all passengers
- 37 Minimum 4" Dump Valve at bottom of tank (min. 34" from ground)
- 38 Tank meets baffling requirements specified in D.2.1.2
- 39 2 1/2" valve at bottom of tank with NH hose threads
- 40 All-wheel drive (circle one) 4-wheel drive must have mud and snow tread on all wheels
- 41 All season mud and snow tread with minimum 4/32 tread, front and rear
- 42 Tire load ratings in accordance with vehicle GVWR

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1 Full size spare tire and wheel with changing equipment that shall fit any position or a spare tire  
2 for front and rear axle, minimum 4/32" tread  
3 Back up Alarm (87 Decibels measured at 5 feet) & back up lights (2)  
4

5 **Training/Experience:**  
6

- 7 • RT-130 Annual Fireline Refresher including fire shelter
- 8 • Commercial Drivers License, when required.
- 9 • All Tactical Water Tender and Engine personnel shall be trained in accordance with  
10 NWCG Wildland Fire Qualifications System Guide PMS 310-1 and qualifications carded  
11 in accordance with Exhibit N and Exhibit O, Training and Positions Qualifications  
12 Requirements. This does not apply to Support Water Tender personnel.
- 13 • All operators shall be able to operate the equipment safely up to the manufacturer's  
14 limitations.

15  
16 The Contractor shall furnish wildland water tenders (**tactical**), consisting of two (2) personnel to  
17 include:

Number	Personnel Title	Tactical Tender
1 ea	Firefighter Type 1	All Types
1 ea	Firefighter Type 1 or 2 (FFT1 or FFT2)	All Types

18  
19 **PAYMENT**  
20

- 21 • **DOUBLE SHIFT** - equipment is staffed with two operators or crews (one per shift).  
22 There will be no compensation for a double shift unless a separate operator is ordered in  
23 writing for the second shift. Agency personnel at the Section Chief level may, by  
24 resource order, authorize a second operator if needed during the assignment. Double  
25 shifts, when ordered, will be paid at 165% of the daily rate.
- 26 • **DAILY RATE** - Payment will be made on basis of calendar days (0001 – 2400). For  
27 fractional days at the beginning and ending of time under hire, payment will be based on  
28 50 percent of the Daily Rate for periods less than 8 hours.

29  
30 **51. Weed Washing Unit (Competitive)**

31 For incident only signups utilize specifications and terms and conditions in the national  
32 templates posted at <http://www.fs.fed.us/business/incident/solicitations>. Also utilize the 90%  
33 rates posted at <http://www.fs.fed.us/business/incident/viprreports.php>.

34  
35 The Contractor is responsible for all equipment, transportation to/from incident, and setup/take  
36 down necessary to meet or exceed the Agreement specifications.  
37  
38

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**EQUIPMENT REQUIREMENTS**

Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor. Standard method of hire: Daily rate which includes fully operated equipment, delivery, pickup, servicing, and mileage to/from site.

**Equipment Typing:**

- TYPE 1 – self-contained with recycling water system
- TYPE 2 – self-contained with non-recycling water system

Wash systems shall be high pressure with low volume and may be supplemented with low pressure with high volume. High pressure systems have water pressures designated above 1000 pounds per square inch (psi), while high volume systems deliver 10 gallons of water per minute or more.

1. The Host Agency will:

- Determine weed wash needs and type of unit(s) used and area(s) of placement.

2. The Government will:

- Provide wash water to the wash site.
- Remove waste water.
- Remove solid waste or designate an appropriate disposal site.
- Inspect washed equipment to ensure that the wash station meets agreement requirements. If the wash station does not meet the expectations of the government, it may be removed and replaced with a different system.

3. The Contractor shall:

- Thoroughly wash all vehicles and equipment to remove all soil, plant parts and seeds. Vehicles and equipment include, but are not limited to fire engines, heavy equipment, logging equipment, transports, pickups, SUVs and sedans;
- Ensure that contractor services include, but are not limited to, the removal of all mud, caked dirt, and vegetative parts off of the undercarriage, cross members, frame, skid plates, belly pans, wheels, treads, tracks, suspension, bumpers, wheel wells, radiator grills, and the ledges on the inside of rear and front bumpers;
- Visually and manually inspect hard to reach areas to ensure that they are clean;
- Inspect and wash all soil and plant parts off of drafting hoses and drafting gear on engines and water tenders;
- Ensure that the system used does not cause damage to the paint or electrical connections of vehicles and equipment being washed;
- Keep the wash station in repair and fully operational during the designated assignment;

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- Capture, package and label solid waste in secure, easily transportable containment packages/devices, approved by the government representative at the incident, and place them at a location specified by the government. Containers/packages of solid waste shall weigh no more than 50 lbs each;
- Maintain a daily record of all washed vehicles. The contractor shall use government forms, if required by the government.

**4. The contractor shall not:**

- Dispose of solid waste unless an acceptable disposal site is designated by the government for the waste to be disposed of; otherwise this is the responsibility of the government (the intention is to ensure proper disposal).

**Minimum Requirements - Type 1 Self-Contained with Recycling Water System:**

1. Portable commercial power washers with two hand-held, high pressure wands/nozzles. These nozzles must be suitable to wash 100% of the underbody surfaces.
2. Underbody washer. The underbody washing system must have nozzles that can be directed to within 45 degrees of vertical. The spray from these nozzles must be able to cover 100% of the underbody surfaces.
3. A wash water storage tank. The wash water storage tank shall have adequate capacity to operate the wash system continuously for a minimum of two hours.
4. Waste water shall be contained by the wash system. All wash residues shall be removed from the tracking surfaces of the vehicle being washed before vehicle exits system to prevent contamination to the exiting vehicle.
5. Wash water shall be filtered to a minimum of 100 microns, or use a clean water final rinse. Contractor is responsible for maintaining the quality of the recycled water to ensure clean and safe washed equipment. Contractor shall maintain the containment system in a functional condition at all times. Prior to disposal, all waste water shall be filtered to 100 microns or smaller particle size. Waste water shall be disposed of in accordance with wastewater requirements of the authority having jurisdiction.
6. Contractor shall place solid waste in a secure, easily transportable (not to exceed 50 lbs) containment device in consultation with the ground support or resource advisor on the incident. Solid waste shall be disposed of by the host agency unless an appropriate disposal site has been identified by the government. In that case, the contractor shall dispose of the solid waste at this designated site.
7. Process time to wash a single wildland fire engine shall not exceed 5 minutes average for any 10 fire engines (i.e., 12 engines per hour).
8. The contractor shall provide at least two (2) skilled operators to perform operations. The operators shall be knowledgeable in the safe operation, maintenance, and repair of the wash system. Operators shall be able to demonstrate knowledge, skills, and abilities to manage all waste products from the washer system. These personnel shall be present at all times during the incident operational periods, and are responsible for the safe operation of the wash station.

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- 1 9. The wash system must be able to accommodate equipment up to 10' wide.
- 2 10. Two, 1000 watt halogen work lights on stands and GFI module.
- 3 11. The wash system must comply with all applicable OSHA regulations related to operator
- 4 safety and all segments of the washer must be in operating condition with no missing
- 5 parts. All alternating current electric motors shall be listed with Underwriters
- 6 Laboratory.
- 7

8 **Minimum Requirements - Type 2: Self-Contained with Non-Recycling Water System (this**  
9 **may be a direct-draining or remote discharge system):**

- 10
- 11 1. Portable commercial power washer with two hand-held, high pressure wand/nozzles.
- 12 These nozzles must be suitable to wash 100% of the underbody surfaces.
- 13 2. A wash water storage tank. The wash water storage tank shall have adequate capacity to
- 14 operate the wash system continuously for a minimum of two hours.
- 15 3. Waste water shall be disposed of in accordance with waste water requirements of the
- 16 authority having jurisdiction.
- 17 4. Remote discharge systems shall have an adequate means to pump all waste water at least
- 18 200' from the wash station. Prior to disposal, all waste water shall be filtered to a
- 19 minimum of 100 microns or smaller particle size, or through dewatering bags fabricated
- 20 from Amoco 4553 or equivalent geotextile cloth, having a maximum apparent opening
- 21 size of 150 microns.
- 22 5. Direct draining systems shall utilize Amoco 4553 or equivalent geotextile cloth, having a
- 23 maximum apparent opening size of 150 microns. This cloth shall withstand heavy truck
- 24 traffic. A 15' wide by 40' piece shall be supplied by the contractor and shall be installed
- 25 on a pad of gravel or a well-drained surface that is provided by the host agency.
- 26 Contractor shall maintain the mat in a functional condition at all times. All solid waste
- 27 greater than 150 micron size, including all geotextile cloth pieces, shall be placed in a
- 28 secure, easily transportable containment (not to exceed 50 lbs) device in consultation
- 29 with the ground support or resource advisor on the incident. Solid waste shall be
- 30 disposed of by the host agency unless an appropriate disposal site has been identified by
- 31 the government. In that case, the contractor shall dispose of the solid waste at this
- 32 designated site.
- 33 6. Process time to wash a single wildland fire engine under normal conditions shall not
- 34 exceed 8 minutes average for any 10 engines (i.e., 7.5 engines per hour).
- 35 7. The contractor shall provide at least two (2) skilled operators to perform operations. The
- 36 operators shall be knowledgeable in the safe operation, maintenance, and repair of the
- 37 wash system. Operators shall be able to demonstrate knowledge, skills, and abilities to
- 38 manage all waste products from the washer system. These personnel shall be present at
- 39 all times during the incident operational periods, and are responsible for the safe
- 40 operation of the wash station.
- 41 8. The wash system must comply with all applicable OSHA regulations related to operator
- 42 safety and all segments of the washer must be in operating condition with no missing

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1 parts. All alternating current electric motors shall be listed with Underwriters  
2 Laboratory.

3 9. The wash system must be able to accommodate equipment up to 10' wide.

4 10. Two (2), 1000 watt halogen work lights on stands and GFI module.

5 11. The system may have:

6 a. A mechanical underbody washer. The underbody washing system must have nozzles  
7 that can be directed to within 45 degrees of vertical. The spray from these nozzles  
8 must be able to cover 100% of the underbody surfaces.

9 b. An additional operator, skilled and knowledgeable in the safe operation, maintenance  
10 and repair of the wash system. Operators shall be able to demonstrate knowledge,  
11 skills and abilities to manage all waste products from the washer system. These  
12 personnel shall be present at all times during the incident operational periods, and are  
13 responsible for the safe operation of the wash station.

14  
15 **PAYMENT**

- 16
- 17 • On-Shift includes time worked, time that resource is held or directed to be in a state of  
18 readiness, and compensable travel (resource traveling under its own power) that has a  
19 specific start and ending time.
- 20 • Daily Rate - Payment will be made on basis of calendar days (0001 - 2400). For  
21 fractional days at the beginning and ending of time under hire, payment will be based on  
22 50 percent of the Daily Rate for periods less than 8 hours.

23 **UNIQUE ITEMS**

24 **Government Telephone Systems**

25  
26 Refer to Host Agency Operating Guidelines on specific guidance on use of cell phones. All cell  
27 phones and satellite phones should be procured through the incident agency. Use of a personal  
28 or home unit cell phones and satellite phones **will not** be reimbursed, unless approved by the  
29 Host/Incident Agency. The following programs are in place for assistance in obtaining  
30 communications for incident use:

- 31
- 32 • **QWEST – Assistance Information**
  - 33 • Has a Federal Service Center available for orders of telephone service
  - 34 • During normal business hours, 6:00 am – 5:00 pm (Pacific Time) call 800-  
35 879-1023
  - 36 • Also there is a Duty Pager Manager for after hours and weekends - Call  
37 877-417-5777
  - 38 • The following information is needed to place the order:
    - 39 • Your name, phone number, and agency
    - 40 • Address where service is needed & Incident Name
    - 41 • Address or nearby working number

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- Billing address
- Verizon SERT (Significant Event Response Team) – Assistance Information
  - Cell phones, towers, satellite phones
  - Prepaid Cell Phones on a limited basis
  - Commercial calling cards
  - Property Items\*

\*All of these telephones and calling cards are transferred as property to be returned at the end of the incident

REGION	STATES COVERED	POINT OF CONTACT	HOTLINE NUMBER
Mountain	CO, ID, MT, UT, WY	Kimberly Kelly	877-899-7378

## I-BPA/EERA ADMINISTRATION

### Documentation

The contractor performance is an important factor in government procurement. The contractor's performance will be based on the Standard Contractor Performance Report (Exhibit E of I-BPA), which will be completed at the incident. Unsatisfactory performance may be grounds for a contractor to be released from an incident or termination of the agreement. If released from an incident for poor performance, the contractor will not be compensated for travel back to Point of Hire. The government reserves the right to re-test equipment and evaluate personnel qualifications at any time during the agreement period.

1. Agency Responsibilities. A performance evaluation form **shall** be completed upon release from an incident. The incident agency is ultimately responsible for the distribution of these evaluations to the Contracting Officer signing the agreement. Agency personnel responsible for completing this form are expected to be direct line supervisor or others who have knowledge of the work provided by the contractor. Prior to transitioning of agency personnel, a performance evaluation shall be completed.

Notification of unsatisfactory performance will be reported immediately to the Contracting Officer so corrective action may be taken. A copy of the completed form **shall** be provided to the contractor.

2. Finance Section Responsibilities. The Finance Section is responsible for collection and distribution of contractor performance evaluations to the Contracting Officer signing the agreement.

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1           3. Contractor Responsibilities. The contractor is responsible for providing the  
2 performance evaluation to the Contracting Officer whose signature appears on the front of their  
3 agreement.

4           **Contract Claims**

5  
6 Ordinary wear and tear will be determined by the incident Procurement Unit Leader, Contracting  
7 Officer, or Successor Contracting Officer who originally signed the I-BPA/EERA based on the  
8 circumstances surrounding any alleged damage. It is the contractor's responsibility to fully  
9 document any circumstances alleged to have damaged their equipment including obtaining  
10 witness statements or opinions of incident supervisor or other incident personnel who might have  
11 knowledge of the circumstances. Ordinary wear and tear on an incident may include conditions  
12 which are harsher than non-incident use of the same equipment.

13  
14 Ordinary wear and tear may or may not include:

- 15           1. Hoses that burst due to excessive pressure (PSI), old age, or deterioration of material  
16 during use.  
17  
18           2. Brush scratches on the body of the vehicle.  
19  
20           3. Punctures, tears, blisters, or destruction of tires and/or sidewalls due to rocks or sticks  
21 normal to the working environment.  
22  
23           4. It is anticipated that there will be wear on the paint on the inner and outer surfaces of the  
24 vehicle, top, sides, rails, and tailgate. There may also be chips from flying rocks and minor  
25 bumps and dents on both the sheet metal and the bumpers.  
26  
27           5. Clogged air filters and oil filters from dust during off highway driving.  
28  
29           6. Damage or failure of shocks, brakes or power train (steering linkage and suspension) by  
30 either fatigue or part failure due to age, manufacturer defect or operator. Power train  
31 includes engine, clutch, transmission, transfer case, driveline, front and rear differentials,  
32 axles, wheels, and bearings.

33 Contract claims may be settled by the original contracting officer, or a designated successor  
34 contracting officer, acting within their delegated warrant authority and limits set by the incident  
35 agency.

36           **PAYMENTS**

37 Prior to implementing any incident payments, coordination with the incident agency policies is  
required.

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**1 EXHIBITS**

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8

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Exhibit 01

**INCIDENT EQUIPMENT REPAIR ORDER**

1  
2  
3

1. Contractor's Name		2. Date:	
3. Incident Name:		4. Incident Number:	5. "E" Number
6. Equipment Description (include year, make, model, serial number):			
7. Description of Work Performed:			
8. Labor: Inclusive hours (rounded to the nearest 1/2 hour) work was performed: Total Labor hours: $\frac{\quad \times \quad}{\text{Hourly Rate}} = \frac{\quad}{\text{Total Labor}}$		9. Odometer Reading:	
10. Parts and Accessories (use second page for additional Parts and Accessories if necessary):			
Parts Used	Quantity	Unit Price	Total
_____.	_____.	\$_____.	\$_____.
_____.	_____.	\$_____.	\$_____.
_____.	_____.	\$_____.	\$_____.
_____.	_____.	\$_____.	\$_____.
_____.	_____.	\$_____.	\$_____.
TOTAL PARTS:			\$_____.
TOTAL LABOR (from block 8):			\$_____.
TOTAL OF EQUIPMENT REPAIR ORDER:			\$_____.
11. Signatures (must be legible):			
Contractor's Signature:		Mechanic's Signature:	
Printed name & Title:		Printed Name and Title:	
Date:		Date:	
<b>Original=Finance / Copy=Contractor / Copy in Contractor's OF-304 / Posted to OF-286 Y N</b>			

4  
5



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Exhibit 02

**Rocky Mountain/Great Basin Contracting Officers for Equipment Solicitations**

Equipment	Agency	Area Solicited For:	CO	CO Location	Contact Info
Support/ Tactical Water Tender	FS	Rocky Mtn/Great Basin	Sue Huston	FS-R4	801-625-5811 <a href="mailto:shuston@fs.fed.us">shuston@fs.fed.us</a>
Heavy Equipment/ Transport	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Engine	FS	Rocky Mtn/Great Basin	Sue Huston	FS-R4	801-625-5811 <a href="mailto:shuston@fs.fed.us">shuston@fs.fed.us</a>
Fallers	FS	Rocky Mtn/Great Basin	Sue Huston	FS-R4	801-625-5811 <a href="mailto:shuston@fs.fed.us">shuston@fs.fed.us</a>
Computers/Printers	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Refrigerated Truck/Trailer	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Mechanic w/Service Truck	FS	Rocky Mtn/Great Basin	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
ATV/UTV	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Vehicle w/Driver	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Mobile Laundry	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Misc. Heavy Equip (Feller Buncher, Masticator, Road Grader & Skidder)	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Clerical Support Unit	FS	Rocky Mtn/Great Basin	Sue Huston	FS-R4	801-625-5811 <a href="mailto:shuston@fs.fed.us">shuston@fs.fed.us</a>
Chippers	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
School Bus-Type	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
GIS Units	FS	Nation-Wide	Shane LaValley	FS - Northwest	406-329-3680 <a href="mailto:slavalley@fs.fed.us">slavalley@fs.fed.us</a>
Potable/Gray Water & Trailer Mounted Hand Wash Station	FS	Rocky Mtn/Great Basin	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Cache Van Movement	FS	Rocky Mtn	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>

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Communications Trailer	FS	Nation-Wide	Deb Strickland	FS-R10	907-586-7902 <a href="mailto:dstrickland@fs.fed.us">dstrickland@fs.fed.us</a>
Crew Carrier Buses	FS	Nation-Wide	Melinda Draper	FS-WO	208-387-5610 <a href="mailto:mgdraper@fs.fed.us">mgdraper@fs.fed.us</a>
Fuel Tenders	FS	Rocky Mtn/Great Basin	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>
Helicopter Support Trailer	FS	Rocky Mtn/Great Basin	Sue Huston	FS-R4	801-625-5811 <a href="mailto:shuston@fs.fed.us">shuston@fs.fed.us</a>
Weed Washing Unit	FS	Rocky Mtn/Great Basin	Sue Huston	FS-R4	801-625-5811 <a href="mailto:shuston@fs.fed.us">shuston@fs.fed.us</a>
Skidgens/ Pumper Cats	FS	Rocky Mtn/Great Basin	Kim Luft	FS-R2	303-275-5405 <a href="mailto:kluft@fs.fed.us">kluft@fs.fed.us</a>

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Exhibit 03

**REFERENCE LIBRARY**

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<http://www.fs.fed.us/fire/contracting>

Description: NIFC website for national fire contracts (airtankers, helicopters, crews, mobile food services, mobile showers, etc)

<https://www.fbo.gov/>

Description: Federal Government procurement opportunities

<http://www.aptac-us.org/new>

Description: Procurement Technical Assistance Centers

<http://www.acquisition.gov/far/>

Description: Federal Acquisition Regulations

<http://orca.bpn.gov>

Description: Online Representations and Certifications Application

<http://www.bpn.gov/ccr/default.aspx>

Description: Central Contractor Registration (CCR)

<http://www.acquisition.gov>

Description: Federal acquisition regulations, systems, resources, opportunities, training

[http://gacc.nifc.gov/rmcc/administrative/fire\\_business.html](http://gacc.nifc.gov/rmcc/administrative/fire_business.html)

Description: Rocky Mountain geographic area site

<http://www.fs.fed.us/business/incident/solicitations>

Description: USDA – Forest Service site for national solicitation templates

<http://www.fs.fed.us/business/incident/dispatch.php>

Description: DPL Lists

<http://www.fmcsa.dot.gov/>

Description: DOT Requirements

<http://www.gsaeliblibrary.gsa.gov/ElibMain/SinDetails?scheduleNumber=48&executeQuery=YES&specialItemNumber=411+2>

Description: Rental Supplemental Vehicle Program (RSVP)

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Exhibit 04  
**PROCUREMENT RECOMMENDATIONS**

<b>Equipment Category</b>	<b>Recommended Procurement Method</b>	<b>Justification</b>
All Terrain Vehicles - 4-Wheel, 6-Wheel	VIPR	VIPR Solicitation; If DPL is exhausted EERA or Commercial
Ambulance	Cooperators First; I-BPA or EERA	See Interagency Incident Business Management Handbook for Hire Process and Standard Rate.
Aircraft Rescue and Firefighting Apparatus	EERA	See Interagency Incident Business Management Handbook for Hire Process and Standard Rate and/or VIPR template.
Bus, Crew Carrier	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Bus, Coach	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Bus, School-Type	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Chainsaw Repair Unit/Small Engine Repair	EERA	See Interagency Incident Business Management Handbook for Hire Process and Standard Rate and/or VIPR template.
Chipper	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Clerical Support Unit	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Computer	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Printer	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Copier	Incident-Only EERA or Purchase Card	These are commercially available. Competition is set in the marketplace. If no commercial vendors are available and renting from individuals use the Incident-Only EERA.
EMT with Kit	EERA	See Interagency Incident Business Management Handbook for Hire Process and Standard Rate.
Engine	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Fax Machine	Incident-Only EERA or Purchase Card	<sup>3</sup> This equipment is available for rent from commercial vendors. However, it may be more cost advantageous to purchase this item. Equipment Lease or Purchase analysis is recommended (see FAR 7.4).
Feller Buncher	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Fuel Tender	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Generator	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
GIS Units	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Gray Water Truck	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Heavy Equipment	VIPR	VIPR Solicitation; If DPL is exhausted EERA

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Helibase Operations Trailer	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Lighting System/Light Tower	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Masticator (includes slashbuster)	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Mechanic with Service Truck	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Medical Equipment	Incident-Only EERA (national standard pending)	Emergency Medical Task group & Safety & Health working team to make recommendation; do as at-incident EERA if cannot get agency personnel (e.g.EMT).
Plotter	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Potable Water Truck	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Pump	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Refuse Collection	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Road Grader	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Sleeper Unit, Mobile	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Tent	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Truck, Crash Rescue	Incident-Only EERA	<sup>4</sup> This item is very specialized and/or used infrequently. If needed, acquire through commercial means (or Incident-Only EERA).
Vehicle, Rental	Incident-Only EERA or Purchase Card or GSA RSVP	Use the GSA RSVP contract that allows use off-road (See Chapter 20 IIBMH)
Vehicle, with Driver	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Port-a-Johns and Handwash Stations	Commercial	<sup>1</sup> These are commercially available. Competition is set in the marketplace.
Mobile Laundry	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Potable Water and Gray Water Trucks	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Water Tender (Support & Tactical)	VIPR	VIPR Solicitation; If DPL is exhausted EERA
Weed Washing Unit	VIPR	VIPR Solicitation; If DPL is exhausted EERA

**Justifications**

<sup>1</sup>These are commercially available. Competition is set in the marketplace.

<sup>2</sup>These are commercially available. Competition is set in the marketplace. If no commercial vendors are available and renting from individuals use the Incident-Only EERA.

<sup>3</sup>This equipment is available for rent from commercial vendors. However, it may be more cost advantageous to purchase this item. Equipment Lease or Purchase analysis is recommended (see FAR 7.4).

<sup>4</sup>This item is very specialized and/or used infrequently. If needed, acquire through commercial means (or at-incident EERA).

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All items highlighted in YELLOW are currently identified for a VIPR I-BPA.

**\*If a Local Area or Zone chooses to do a preseason agreement for a local item listed above, it must be done through VIPR.**

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Exhibit 05

**COMMERCIAL PURCHASE COVER SHEET**

<b>FIRE NAME:</b>	
<b>INCIDENT #:</b>	
<b>FINANCIAL CODE:</b>	
<b>RESOURCE # (s):</b>	
<b>VENDOR:</b>	
<b>DATE OF PURCHASE :</b>	
<b>DATE OF PAYMENT:</b>	
<b>PAID BY:</b>	
<b>BUDGET OBJECT CODE:</b>	
<b>PAYMENT TYPE:</b>	<input type="checkbox"/> VISA <input type="checkbox"/> Check
<b>TOTAL COST:</b>	\$
<b>APPLICABLE FOR CONVIENCE CHECKS ONLY</b>	
<b>TIN:</b>	
<b>VENDOR ADDRESS:</b>	
<b>APPLICABLE FOR TRANSACTIONS OVER MICROPURCHASE THRESHOLD</b>	
<b>DUNS #:</b>	
<b>CCR REGISTRATION:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>BUSINESS SIZE:</b>	<input type="checkbox"/> Small <input type="checkbox"/> Large

**ATTACHMENTS**

- Receipt
- Resource Order (s)
- Documentation (if applicable)
- Waybill

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**Comments or Receipts:**

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