



GREAT BASIN  
QUICK GUIDE TO  
VIPR AGREEMENT  
CLAUSES

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## GENERAL INFORMATION PERTINENT TO ALL VIPR AGREEMENTS

B.4	MULTIPLE RESOURCE CATEGORIES/TYPING	A single resource may be awarded under multiple resource categories and/or typing. However, the same Dispatch Center must be selected for the single resource. In addition, nationally only one award will be made for a resource within each category and/or type. The Contractor may choose to respond to solicitations from multiple geographic areas; but upon acceptance of an offer of award, all other offers for that resource category and/or type will be ineligible for award. Prospective quoters are cautioned to carefully consider the solicitations to which they respond.
C.4	AUTHORIZED PERSONNEL TO PLACE ORDERS	Dispatchers, Buying Team Members, Finance Section Chiefs, Procurement Unit Leaders, Contracting Officers, and Purchasing Agents are authorized to place orders against this agreement. Orders must be placed in accordance with established ordering procedures as specified in National and Regional mobilization guides.
C.5	CLAIMS SETTLEMENT AUTHORITY	For the purpose of settling claims, the successor contracting officer is any contracting officer acting within their delegated warrant authority, under the clauses of this agreement, and limits set by the incident agency.
C.6	CHANGES TO AGREEMENTS	Changes to Agreements may only be made by the original signing procurement official or a designated successor contracting officer (as designated officially in VIPR). If the original signing procurement official or designated successor contracting officer is not available and adjustments are deemed appropriate, an Emergency Equipment Rental Agreement (EERA) shall be executed at the incident and shall be applicable ONLY for the duration of that incident. The EERA must include the name and location of the incident.
C.7	CONTRACTOR LIABILITY FOR PERSONAL INJURY AND/OR PROPERTY DAMAGE (APR 1984)	<p>(a) The Contractor assumes responsibility for all damage or injury to persons or property occasioned through the use, maintenance, and operation of the Contractor's vehicles or other equipment by, or the action of, the Contractor or the Contractor's employees and agents.</p> <p>(b) The Contractor, at the Contractor's expense, shall maintain adequate public liability and property damage insurance during the continuance of this contract, insuring the Contractor against all claims for injury or damage.</p> <p>(c) The Contractor shall maintain Workers' Compensation and other legally required insurance with respect to the Contractor's own employees and agents</p> <p>(d) The Government shall in no event be liable or responsible for damage or injury to any person or property occasioned through the use, maintenance, or operation of any vehicle or other equipment by, or the action of, the Contractor or the Contractor's employees and agents in performing under this contract, and the Government shall be indemnified and saved harmless against claims for damage or injury in such cases.</p>
C.8	LOSS, DAMAGE, OR DESTRUCTION	(a) For equipment furnished under this agreement WITHOUT operator, the Government will assume liability for any loss, damage or destruction of such equipment, except that no reimbursement will be made for loss,

		<p>damage or destruction due to (1) ordinary wear or tear, (2) mechanical failure, or (3) the fault or negligence of the Contractor or the Contractor's agents or employees or Government employee owned and operated equipment.</p> <p>(b) For equipment furnished under this agreement WITH operator, the Government shall not be liable for any loss, damage or destruction of such equipment, except for loss, damage or destruction resulting from the negligence, or wrongful act(s) of Government employee(s) while acting within the scope of their employment. The operator is responsible for operating the equipment within its operating limits and responsible for safety of the equipment.</p>
C.9	FIREARM – WEAPON PROHIBITION	The possession of firearms or other dangerous weapons (18 USC 930 (g)(2)) are prohibited at all times while on Government Property and during performance of services, under this agreement. The term dangerous weapon does not include a pocket knife with a blade less than 2 1/2 inches in length or a multi-purpose tool such as a Leatherman.
C.10	HARASSMENT FREE WORKPLACE	Contractors shall abide by "U.S. Code, Title VII, Civil Rights Act of 1964, Executive Order EO-93- 05, Secretary's Memorandum 4430-2 Workplace Violence Policy, and Harassment Free Workplace (29 CFR Part 1614)". Regulations can be found at <a href="http://www.gpoaccess.gov/">www.gpoaccess.gov/</a> .
D.2	EQUIPMENT REQUIREMENTS	Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.
D.3	PERSONNEL REQUIREMENTS	<p>(a) All Contractor personnel shall comply with Exhibit F, Safety Standards. Contractors shall comply with the Fair Labor Standards Act when employing persons under 18 years of age (Ref. 29 CFR 570).</p> <p>(b) Minimum Age for Firefighting Resources. Persons under 18 years of age shall not perform hazardous or arduous duties during wildland fire management operations, including execution of prescribed burns.</p> <p>(c) Contract resources must abide by the terms and position requirements of the respective agreement they are hired under.</p>
D.3.2	ENGLISH SPEAKING REQUIREMENT	Communications between Contractor crew personnel and Government incident personnel is mandatory for safe and effective performance. Contractor's representative shall be able to proficiently communicate in English, in the language of the crew, and read and communicate the Incident Action Plan, Safety Alerts, etc. All radio communication on Government-assigned frequencies shall be in English.
D.4	EQUIPMENT RELIABILITY	<p>(a) The Contractor shall provide dependable equipment that meets all applicable state and federal laws relating to motor vehicles and equipment.</p> <p>(b) The Government reserves the right to conduct inspections at any time.</p>
D.5	AVAILABILITY	If the Host Dispatch Zone or Geographic Area requires it, the Contractor is responsible for maintaining their current status by informing their host dispatch center of their availability, or if available, self-status in the Resource Ordering Status System (ROSS). When contract resources are unavailable, the resources will not be eligible for dispatch under the Agreement.

D.6	ORDERING PROTOCOL FOR RESOURCES	<p>(a) This Agreement does not preclude the Government from using any Agency or Agency Cooperator owned resources before equipment is mobilized under this Agreement.</p> <p>(b) The Contractor shall restrict calls to the host dispatch center. Dispatchers will not provide information, such as “when or if a Contractor will be called for an assignment” or “status of other contractors.”</p>
D.6.1	DISPATCH PRIORITY	<p>(a) Each host dispatch center will give dispatch priority to the resource offering the greatest advantage (See D.6.2) before all other private resources not under Agreement with the following exceptions:</p> <ul style="list-style-type: none"> <li>(1) For initial attack, dispatchers will follow the "closest forces" concept and utilize locally available resources according to agency and incident needs. The priority dispatch ranking may not be used during initial attack and Contractor resources may or may not be used.</li> <li>(2) Tribal preference policy established within reservation jurisdiction.</li> <li>(3) Government normally will dispatch resources in accordance with this protocol; however, the number of fire orders in process and actual fire conditions at the time of dispatch may require a deviation from normal procedures in order to respond effectively to such conditions. Any such deviation will be within the discretion of Government, and will not be deemed a violation of any term or condition of this Agreement.</li> </ul> <p>(b) Upon receipt of a resource order by a host dispatch center, Government Dispatchers will not hold the Contractor resources in reserve as a contingency force in a non pay status when that resource is available.</p>
D.6.3	ORDERING PROCEDURES FOR RESOURCES	<p>D.6.3.1 -- Following Agreement award, each host dispatch center will have an established dispatch priority list showing the resources located within the selection made at D.6.2. The Government intends to dispatch contractor resources based on this priority ranking for other than initial attack.</p> <p>D.6.3.2 – If all contractor resources on the dispatch priority list are depleted within the selection made at D.6.2, orders will be placed utilizing established dispatch procedures.</p>
D.6.4.1	INFORMATION PROVIDED TO THE CONTRACTOR	<p>(a) At the time of acceptance of the assignment, the following information will be given to the Contractor:</p> <ul style="list-style-type: none"> <li>(1) Resource Order Number.</li> <li>(2) Incident Order Number and Name of Incident.</li> <li>(3) Date and time to report to incident.</li> <li>(4) Descriptive location of the designated site where the Contractor shall meet a Government representative. A map, if available.</li> <li>(5) Incident contact phone number for further information.</li> <li>(6) Fire Code/Funding Code.</li> </ul> <p>(b) Prior to departing for the incident, the Contractor shall provide to dispatch the complete name of each person dispatched with the contractor equipment, and the ETD and ETA from point of dispatch.</p>

		(c) Dispatch offices may use a FAX or email to provide a hard copy of the resource order to the Contractor.
D.6.5	DISPATCHING PROCEDURES	<p>D.6.5.1 -- When receiving a dispatch call, the Contractor shall confirm their availability and ability to meet specified timeframes. If the Contractor cannot be reached or is not able to meet the time and date needed, the dispatcher may proceed with contacting the next resource on the dispatch priority list. Contractor shall check in at the assignment at the time agreed upon when dispatched.</p> <p>D.6.5.2 -- The Government will estimate the travel time to and from the incident. Travel time via ground transportation shall be calculated by dividing distance (from point of hire to incident, or incident to incident or incident to point of hire) by average travel speed of 45 mph, plus applicable rest time.</p> <p>D.6.5.3 -- At time of dispatch, a resource order number will be assigned. The Contractor shall furnish the assigned resource order number upon arrival and check in at the incident.</p> <p>D.6.5.4 -- The vendor will be paid for travel to and from the incident from the equipment City and State they designated in their offer. Vendor must meet date and time needed.</p>
D.6.6	EMERGENCY INCIDENT DRIVING	The Contractor shall follow the driving regulations and work/rest guidelines listed in the Interagency Incident Business Management Handbook (IIBMH) (FSH 5109.34). Reference D.21.8.1.2. The Contractor is responsible for complying with all other current Federal, State and Local driving regulations.
D.6.7	WORK/REST, LENGTH OF ASSIGNMENTS, AND CREW CHANGE OUT (Note: (b)(1) does not apply to Mechanic with Service Truck. They do not have the option of replacing personnel.)	<p>(a) Work/rest and length of assignment guidelines are in place to ensure the health and safety of employees. Contractors shall ensure that their personnel adhere to the work/rest guidelines (minimum 2:1 work to rest ratio (for every 2 hours of work or travel, provide 1 hour of sleep and/or rest within a 24 hour period)). Hours worked that exceed 16 hours in a 24-hour period must be approved by the IC or Agency Administrator. Documentation shall include mitigation measures used to reduce fatigue.</p> <p>(b) To mitigate exceeding length of assignment guidelines and manage the days of rest, the Government has the option to:</p> <ol style="list-style-type: none"> <li>(1) Request the Contractor to provide replacement personnel. Replacement personnel are subject to the work/rest and length of assignment guidelines and must arrive at the incident fully rested. The Government will not pay transportation cost for replacement personnel.</li> <li>(2) Release resources after a 14-day assignment or follow length of assignment extension guidelines as stated in Interagency Incident Business Management Handbook.</li> <li>(3) With the Governments agreement, the contractor may choose to have their personnel remain at the incident base camp and not be placed on shift to allow proper rest. The time is not compensable when the Contractor is off shift in compliance with the length of assignment provisions. Refer to D.21.8.3(d).</li> </ol>
D.6.8	DEMOBILIZATION	The Incident Commander will determine the priority of demobilization.

D.6.9	RELEASE	Once released to the host dispatch center, the Contractor shall not accept new resource orders directly, nor seek out reassignments. Any new orders will originate from the host dispatch center.
D.7.1	ACCOUNTABLE, DURABLE AND CONSUMABLE GOODS	<p>(a) Accountable and durable property will not be loaned or exchanged at the incident. The Contractor shall arrive at the incident fully outfitted and prepared to perform under the terms of the agreement. If the resource, upon arrival at the incident or during the course of the incident does not have the required equipment or personal protective equipment, it will be considered noncompliant. The Contractor may be given 24 hours or a timeframe designated by a Government representative to bring the resource into compliance. (Refer to D.17, Incident Pre-Use Inspection and D.18, Noncompliance after Acceptance at Incident).</p> <p>(b) Contractor will be charged for Consumable Goods supplied by the Government and used by the resource while Under Hire. The cost of all Consumable Goods, with the exception of those specifically listed below, shall be deducted from payment to the Contractor. At the Government's discretion, the Government may provide the following incidental consumable goods at no cost, if available: one-quart plastic canteens, plastic sheeting, replacement radio batteries and replacement headlamp batteries, as required while under hire.</p>
D.8	INFORMATION TO BE PROVIDED BY CONTRACTOR AT CHECK-IN	<p>The Contractor shall have a complete copy of their most current agreement in their possession at all times. The incident may make a photocopy of this agreement; however, it remains the property of the Contractor.</p> <p>Fully copies of any I-BPA agreement can be downloaded and printed from the VIPR website at:  <a href="https://www.fs.fed.us/business/incident/vipr/permissions.php?tab=tab_d">https://www.fs.fed.us/business/incident/vipr/permissions.php?tab=tab_d</a></p>
D.9	LAUNDRY SERVICE	If the Government provides a laundry service at the incident base camp, the Contractor may utilize the service at no cost.
D.10	CAMPSITE	A campsite may be provided. The Contractor shall provide sleeping equipment such as tents or shelters, sleeping bags, etc. If the Government cannot provide a campsite, an overnight allowance may be authorized. (See D.21.5 Remain Overnight Allowance (RON)).
D.11	COMMISSARY	When authorized in writing by the Contractor, the Contractor's employees shall be permitted to use the commissary when one is available. Refer to D.21.8.3(e).
D.13	CONTRACTOR'S REPRESENTATIVE	Unless otherwise designated, the operator(s) shall be considered the Contractor's Representative for this Agreement.
D.14.1	FIRST AID RESPONSIBILITY	The contractor is financially responsible for employee medical expenses and coverage. The Government may provide first aid at the incident at no charge to the contractor. Any other medical expenses incurred will be the responsibility of the contractor. If contractor personnel become ill or are injured and incident transportation is not available, the Government may evacuate or transport the injured/ill person(s) to a medical facility/hospital utilizing a commercial source (e.g. ambulance or air transport such as Lifeflight). Commercial transport costs will be the responsibility of the Contractor.
D.14.2	MEDICAL INSURANCE	Contractor shall provide the operator(s) with an adequate supply of appropriate insurance forms, insurance ID card(s), and other necessary

		documents. Such documents shall accompany the injured/ill person(s) when the medical need arises.
D.15	VEHICLE CLEANING FOR NOXIOUS WEED CONTROL	The resource shall arrive at the incident or designated inspection point washed and free of noxious weed seeds. Equipment with frames and cross-members will be inspected and all debris collecting areas including belly pans, guards and coverings must be washed to alleviate the spread of noxious weed seeds and to protect against grease and oil soaked residues catching on fire in belly pans and skid plates. Heavy equipment operators shall manually clean tracks and belly pans before leaving project site on all heavy equipment. While at the incident, the Government will normally provide cleaning facilities. If the Government requires use of commercial facilities, the Government will reimburse the Contractor for these costs based on written receipts.
D.16	PRE-AWARD INSPECTIONS	Pre-Season Inspections will not be done. (Note: This may vary pursuant to FAM direction.)
D.17	INCIDENT PRE-USE INSPECTION	(a) All resources furnished under this agreement shall be in acceptable condition. The Government reserves the right to reject resources that are not in safe and operable condition. Prior to incident use or anytime the resource is under hire, the Government may perform inspections.  (b) If the resource does not pass inspection at the incident or designated inspection station, it is considered noncompliant. The Contractor may be given 24 hours or time frame designated by Government representatives to bring the resource into compliance. If the resource does not pass inspection, no payment will be made for travel to the incident or point of inspection or return to the point of hire, or for the time that the resource was not available. Upon rejection, resource will be removed from the dispatch priority list until such time that the resource is brought into compliance and re-inspected at the government’s convenience. Repeated failures at the pre-use incident inspection may be grounds for cancellation of the Agreement.
D.17.1	INSPECTION REPORTS	Copies of the incident inspection reports and related documentation shall be distributed as follows:  (a) The original shall remain with the fire documents on Host Unit.  (b) A copy of the inspection shall be given to the Contractor and/or the Contractors Representative.  (c) A duplicate copy shall be forwarded to the CO for all non-compliant resources.
D.18	NONCOMPLIANCE AFTER ACCEPTANCE AT THE INCIDENT	If the resource is released due to noncompliance, documentation shall be immediately forwarded, by the Incident Management Team to the Contracting Officer; and the resource will be removed from the dispatch priority list until such time that the resource is brought into compliance and re-inspected at the government’s convenience (See D.21.8.3(c)). Repeated notices of noncompliance may be grounds for cancellation of the Agreement.
D.19	WORKMANSHIP	(a) All work under this Agreement shall be performed in a safe manner to a professional and workmanlike standard. The goal of performance under this Agreement is the suppression of wildland fire and other emergency incident responses. The Incident Commander may release

		<p>from an incident assignment any Contractor employee deemed incompetent, unprofessional, careless, or otherwise objectionable including violation of Harassment Free Workplace Policy (Exhibit C). It will be left to the discretion of the Incident Commander to demobilize an entire resource or to allow replacement of the noncompliant personnel. Documentation of the rationale for release will be provided to the CO subsequent to the action. Accordingly, the Contracting Officer may require, in writing, the Contractor remove from use under this Agreement, any employee found incompetent, unprofessional, careless, or otherwise objectionable including violation of Harassment Free Workplace Policy. The Contracting Officer may require other proof of mitigation. Misconduct may result in the suspension or cancellation of this Agreement.</p> <p>(b) Contractor shall be responsible for ensuring all of its employees wear proper incident attire, as follows (PPE, if required for specific resources, will be detailed in the agreement at D.2):</p> <p>(1) FOOTWEAR: Closed toe shoes must be worn while providing services on an incident assignment. Sandals and/or flip flops are not acceptable footwear while working on an incident.</p> <p>(2) CLOTHING: Clothing must be appropriate for the conditions and wildfire/incident setting. This means long or short sleeve shirts and full-length pants or jeans. The Incident Commander may release from an incident assignment any Contractor employee who is not wearing proper incident attire in accordance with D.19 -- Workmanship.</p> <p>(c) If an employee or crew is terminated, quits, or otherwise is released from the incident for any reason, the Contractor is responsible for returning the employee(s) to the point of hire with a departure time from the Incident Command Post (ICP) no later than 12 hours or time specified by a government official following such decision. The Contractor may, at their discretion, provide such transportation, or request the Incident Management Team (IMT) to arrange for the transportation with all transportation costs deducted from Contractor's payment. If the Contractor does not act in a timely manner (i.e., Contractor's employee(s) not departing from the ICP for return to point of hire within the specified time period), the IMT has authority to transport said employee or arrange for employee's transportation and to deduct all such transportation costs from Contractor's payment.</p>
D.19.1	INCIDENT BEHAVIOR	<p>It is extremely important that inappropriate behavior be recognized and dealt with promptly. Inappropriate behavior is all forms of harassment including sexual and racial harassment. HARASSMENT IN ANY FORM WILL NOT BE TOLERATED. Non-prescription and Federally unlawful drugs and alcohol are not permitted at the incident. Possession or use of these substances will result in the Contractor being released from the incident. During off-incident periods, personnel are responsible for proper conduct and maintenance of fitness for duty. Drug or alcohol abuse resulting in unfitness for duty will normally result in the Contractor being released from the incident. Sexual harassment is defined as unwelcome sexual advances, request for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when (1) submission to such conduct is made either explicitly or implicitly a term</p>

		or condition of an individual's employment, (2) submission to or rejection of such conduct by an individual is used as the basis for employment decisions affecting such individual, or (3) such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile, or offensive working environment.
D.20	PERFORMANCE EVALUATIONS	Performance evaluations will be performed at the incident using the form in Exhibit E. The evaluation will be completed at the incident by the government representative supervising the work. This form is the preferred performance evaluation to be accepted by the Contracting Officer. The evaluator's signature shall be legible and printed on the form. If the supervising Government representative is released from the incident prior to the release of the resource, the government representative will complete a performance evaluation prior to demobilization, for work the resource performed under their supervision. The Government representative will review the performance evaluation with the Contractor, record Contractor comments, and obtain the Contractor's signature acknowledging completion of the evaluation. The Government evaluator will then give a copy of the evaluation form(s) to the Contractor at the incident and submit a copy to the incident Finance Section (for distribution to the Contracting Office and the Host unit incident file).
D.21	PAYMENTS	Payments will be made in accordance with D.21.8.
D.21.2	WITHDRAWAL OF RESOURCE(S)	Refer to D.21.8.3(b).
D.21.3	REPAIRS	Repairs shall be made and paid for by the Contractor. The Government may, at its option, elect to make such repairs when necessary to keep the resource operating. The cost of such repairs will be \$90 per hour, plus parts and will be deducted from payment to the contractor.
D.21.4	OPERATING SUPPLIES	Even though this agreement may specify that all operating supplies are to be furnished by the Contractor, the Government may, at its option, elect to furnish such supplies when necessary to keep the resource operating. The cost of such supplies will be determined by the Government and deducted from payment to the Contractor.
D.21.5	REMAIN OVERNIGHT ALLOWANCE (RON) – EXCEPTION: CREW CARRIER BUS	<p>(a) Contractors under this agreement are not paid per diem or lodging expenses to and from incidents.</p> <p>(b) When the Government cannot provide a campsite after the first shift worked, the Government will pay actual lodging expenses or the per diem locality rate published by the U.S. General Services Administration (GSA) web site (<a href="http://www.gsa.gov">www.gsa.gov</a>), whichever is less. Double occupancy of hotel rooms is required. Any associated lodging taxes are reimbursable as documented. Lodging receipts, as well as documentation by incident personnel that a campsite was not provided, shall be submitted as supporting documentation with payment documents.</p> <p>(c) Reimbursement for meals and incidental expenses (M&amp;IE) is based on per diem locality rates minus any Government-provided meals. The maximum allowable rates are referenced at <a href="http://www.gsa.gov">www.gsa.gov</a>.</p> <p>(d) If the resource is allowed to return to its dispatch location during off-shift time, RON allowance is not authorized.</p>

		(e) The maximum RON that shall be allowed is based on the number of operators or crewmembers shown on the shift ticket. Payment shall be included as an addition on the OF-286 Emergency Equipment Use Invoice.
D.21.6	FOOD & DRINK – EXCEPTION: CREW CARRIER BUS	<p>(a) Contractors are required to provide sufficient food &amp; drink to support their employee(s) while in travel status and the first shift of the incident. This is not reimbursed by the Government.</p> <p>(b) After that time, when Government subsistence at incident camps are available, meals for Contractor's operator(s) will be furnished without charge. Government will furnish meals without cost if restaurant subsistence is the approved camp for incident personnel.</p> <p>(c) The Government, during demobilization and/or reassignment, may provide sack lunches to the Contractor personnel without charging the Contractor.</p>
D.21.7	ORDER CANCELLATION	Order cancellation/enroute. If the order is cancelled after the resource order has been confirmed, and the resource is enroute, the resource is considered mobilized. Payment will be made by the host agency in accordance with D.21.8.
D.21.8	PAYMENTS	<p>(a) The host agency for each incident is responsible for payments. See Exhibit B for complete agency payment office information.</p> <p>(b) The time under hire shall start at the time the resource begins traveling to the incident after being ordered by the Government, and end at the estimated time of arrival back to the point of hire after being released, except as provided in D.21.8.3.</p>
D.21.8.1.1	TRAVEL	The vendor will be paid for travel to and from the incident from the equipment City and State they designated in their offer. Vendor must meet date and time needed.
D.21.8.1.2	DRIVER HOUR LIMITATION	<p>The following Driver Hour limitations, as referenced at D.6.6, shall apply to this agreement:</p> <p>(a) No driver will drive more than 10 hours (behind the wheel/actual driving time) within any duty day (operational period, see Exhibit A).</p> <p>(b) 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.</p> <p>(c) A driver shall drive only if they have had at least 8 consecutive hours off duty before beginning a shift. An exception to the minimum off-duty hour requirement is allowed when essential to:</p> <ol style="list-style-type: none"> <li>(1) accomplish immediate and critical suppression objectives, or</li> <li>(2) address immediate and critical firefighter or public safety issues.</li> </ol> <p>(d) As stated in the current agency work/rest policy, documentation of mitigation measures used to reduce fatigue is required for personnel who exceed 16-hour work shifts. This is required regardless of whether the driver was still compliant with the 10-hour individual (behind the wheel) driving time limitations.</p>

D.21.8.1.3	PAYMENT OF OPTIONAL ITEMS	If the solicitation includes optional items, payment for optional items will only be made when ordered and documented on the resource order. The use will be recorded on the Emergency Equipment Shift Ticket. Time under hire will begin when the optional item is ready for use by incident personnel. The incident shall have the option to discontinue the use of the optional item at any time during the incident, time under hire ends at that time.
D.21.8.2	METHOD OF PAYMENT	Lump-sum payment will normally be processed at the end of the emergency assignment. However, partial payment may be authorized as approved by the incident agency. Payment for each calendar day will be made for actual units ordered and performed under Daily rates.
D.21.8.3	EXCEPTIONS	<p>(a) No further payment will accrue during any period that resource under hire is not in a safe or operable condition or it is not available for the assigned shift or portions of the assigned shift. Payment will be based on the hours the resource was operational during the assigned shift, as documented on the shift ticket versus the designated shift, as shown on the Incident Action Plan.</p> <p>(b) If the Contractor withdraws resources prior to being released by the Government, no further payment shall accrue, and the Contractor shall bear all costs of returning resources to the point of hire.</p> <p>(c) After inspection and acceptance for use, resources that become inoperable and cannot be repaired at the site of work by the Contractor or by the Government in accordance with D.18, within 24 hours, may be considered as being withdrawn by the Contractor or by the Government in accordance with Paragraph b. above with the exception that the Government shall pay return travel. The Government shall calculate travel in accordance with D.21.8.1.1 based on a normal release of resource. The Contractor shall bear any additional cost returning resource and/or operator(s) to the point of hire.</p> <p>(d) No payment will accrue when the contractor is off shift in compliance with the mandatory "Work/Rest" and "Length of Assignment" provisions. Refer to D.6.7.</p> <p>(e) Deductions. Unless specifically stated elsewhere in this agreement the cost of any supplies, materials, or services, including commissary, provided for the Contractor by the Government will be deducted from the payment to the Contractor.</p> <p>(f) Reassignment of resources. Vendors being reassigned to a new incident shall close out the use invoice for payment on the current incident PRIOR to the reassignment. The day of closeout and reassignment shall be paid as a Daily Rate applied to the incident the resource is being reassigned to. Upon final release, travel shall be calculated in accordance with D.21.8.1.1.</p>
D.21.9	INVOICING PROCESS	<p>D.21.9.1 -- The Contractor shall have one copy of the complete Agreement for the assigned incident.</p> <p>D.21.9.2 -- After each operational period worked, time will be verified and approved by the Government Agent responsible for ordering and/or</p>

		<p>directing use the resource. Time will be recorded to the nearest quarter hour worked. The Government will verify the Contractor’s time on an Emergency Equipment Shift Ticket (OF-297) (Exhibit G). The Government and the Contractor representatives will sign the OF-297 verifying the hours worked daily. Each operator’s name shall be listed on the shift ticket.</p> <p>D.21.9.3 -- The Finance Unit or designated representative will receive vendor’s commercial invoices and documents providing itemized breakdown charges. They will validate with shift tickets, review, sign, and submit to the payment center.</p> <p>D.21.9.4 -- When the resource is released to return to the Designated Dispatch Point (DDP), the Finance Unit will sign commercial invoices and submit them to the payment center.</p> <p>D.21.9.5 -- The incident will submit a payment package including all signed originals, including a detailed invoice that supports each day’s activity, and a copy of SF-1449 or OF-294, copy of resource order (ONLY if order is filled outside of ROSS), supporting documentation per the Interagency Incident Business Management Handbook (i.e., repair orders, commissary issues, findings and determinations for claims, and any other documents supporting additions or deductions to the payment), and transmittal sheet to the designated payment office.</p>
D.22	REPLACEMENT OF RESOURCES	<p>(a) At the discretion of the CO for this agreement, this award may be modified to replace resources with an equal or better resource at any time without change to the agreement rates or position on the Dispatch Priority List. Replacement resources shall be inspected and accepted, if required by the solicitation, and approved in advance of use. This replacement modification must be issued and executed through the VIPR program and new resources must appear on the agreement and dispatch priority list prior to being utilized.</p> <p>(b) Additional resources may not be added to the agreement.</p>
EXHIBIT A	DEFINITIONS & ABBREVIATIONS	
EXHIBIT B	PAYMENT OFFICE INFORMATION	
EXHIBIT C	HARASSMENT-FREE WORKPLACE POLICY	
EXHIBIT D	DOL WAGE DETERMINATION	
EXHIBIT E	STANDARD CONTRACTOR PERFORMANCE REPORT	
EXHIBIT F	SAFETY STANDARDS	
EXHIBIT G	EMERGENCY EQUIPMENT SHIFT TICKET OF-297	
EXHIBIT H	GEOGRAPHIC AREA TERMS & CONDITIONS	

EXHIBIT I	CONTRACTOR ASSOCIATIONS AND PUBLIC EDUCATION PROVIDERS	
EXHIBIT L	GEOGRAPHIC AREA MAP	

## CHIPPER

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain Chippers for use on a local, Regional and Nationwide basis. 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.
D.2.1(a)	CONTRACTOR PROVIDED PERSONAL PROTECTIVE EQUIPMENT	<p>(a) Personal Protective Equipment (PPE). 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 PPE 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 PPE:</p> <p>(1) BOOTS: All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not acceptable).</p> <p>(2) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.</p> <p>(3) GLOVES: One pair of heavy-duty leather per person.</p> <p>(4) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).</p> <p>(5) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB.</p> <p>(6) HEAD LAMP: With batteries and attachment for hardhat.</p> <p>(7) FIRE SHELTER: New Generation Fire Shelter is required.</p> <p>(8) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</p> <p>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.</p>
D.2.1.1	MINIMUM EQUIPMENT REQUIREMENTS	<p>Type 1 Chipper: 18 inch minimum diameter capacity  Type 2 Chipper: 13-17 inch diameter capacity  Type 3 Chipper: 9-12 inch maximum diameter capacity  All types must have a minimum of a 2-person crew and be equipped with an in-feed mechanism that operates in forward, reverse and stop modes.  Specify: Self-propelled or tow-behind.  Optional: Boom feed if required.</p>
D.2.1.2	FIRE EXTINGUISHER	All vehicles offered and under hire on this Agreement shall contain 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.

D.2.2	TRANSPORTATION	<p>D.2.2.1. -- 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.</p> <p>D.2.2.2 -- 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)</p> <p>D.2.2.3 -- Prohibited Marking. Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.</p>
D.3.1	TRAINING/EXPERIENCE	<p>(a) Contractor personnel are responsible for operating the equipment and feeding materials into the chipper.</p> <p>(b) RT-130 Annual Fireline Refresher including fire shelter is required.</p> <p>(c) The government reserves the right to verify training at any time for all operators.</p>
D.21.8.1	RATES OF PAYMENT	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p>

## CLERICAL SUPPORT UNIT

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain Clerical Support Units for use on a local, Regional and Nationwide basis. 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) The overall mission of these services is to provide office services capable of producing 400 copies of 40 pages, twice per day in three hours or less, basic word processing capability, and provide scanning services as required by the incident. Units shall be self-contained, with adequate supplies for at least 7 days, and contain 36" format plotter capability. 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.</p> <p>(c) Units shall arrive fully self-contained and be fully operable within 2 hours of arrival at the incident, unless otherwise negotiated.</p>
D.2.1.1	MINIMUM EQUIPMENT REQUIREMENTS	<p>(a) Clerical Support Unit and vehicle(s):</p> <ol style="list-style-type: none"> <li>(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).</li> <li>(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).</li> <li>(3) Uninterruptable Power Supply (UPS) and line conditioner system.</li> <li>(4) Unit must meet Occupational Safety and Health Administration (OSHA) work environment requirements.</li> <li>(5) Wheel Chocks: Two (2) sets minimum, one set for each side of the unit.</li> <li>(6) If unit is configured as a trailer it shall be equipped with trailer stabilizers.</li> <li>(7) Awning: The awning is optional but if one is provided it shall be a workable standard trailer awning.</li> <li>(8) Windows: Windows are optional but if provided they shall provide for natural lighting and air flow.</li> <li>(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.</li> <li>(10) Outside Lighting: Sufficient to provide light all entrance ways (two way directional security light).</li> <li>(11) Steps: If needed, to provide safe entry/exit from the unit.</li> <li>(12) Self-propelled units are acceptable.</li> <li>(13) All printers and plotters shall be networked with all network cables and power strips supplied.</li> </ol>

		<p>(14) Daily backup capability or redundancy needed of all data and products.</p> <p>(15) DVD/CD RW writer on each workstation.</p> <p>(16) Photocopiers (3):</p> <ul style="list-style-type: none"> <li>(i) Capable of producing 400 copies of 40 pages twice per day in 3 hours.</li> <li>(ii) Capable of producing booklet Incident Action Plan (IAP) ( 5 1/2" Wide X 8 1/2" Tall)</li> <li>(iii) Capable of duplex printing.</li> <li>(iv) Capable of printing 200 copies of 30 pages of 11" x 17" map packets in 3 hours</li> <li>(v) Collating and stapling capability</li> <li>(vi) Metered to document copy count</li> </ul> <p>(17) Printer, Capable of color printing and up to 11" x 17"</p> <p>(18) Plotter, with the following minimum capabilities:</p> <ul style="list-style-type: none"> <li>(i) 36" width</li> <li>(ii) Can handle 300' roll of paper</li> <li>(iii) 6 ink colors</li> <li>(iv) 2400x1200 dpi print quality</li> <li>(v) Print speed of 30 seconds for a D size line drawing print</li> <li>(vi) Network capable</li> <li>(vii) Capable of interfacing with Windows OS computers</li> </ul> <p>(19) FAX Machine, Stationary:</p> <ul style="list-style-type: none"> <li>(i) Laser type, heavy duty, capable of 100 page memory</li> <li>(ii) Capable of sending group fax to multiple numbers (12 or more)</li> </ul> <p>(20) Telephone capabilities (communication lines will be provided by the government and are for government work only)</p> <ul style="list-style-type: none"> <li>(i) Pre-wired for telephone use.</li> <li>(ii) Minimum (4) line capable.</li> <li>(iii) A single hook-up box shall be on the exterior of the Unit</li> </ul> <p>(21) Workstation with Computers (2):</p> <ul style="list-style-type: none"> <li>(i) 60 GB available for use</li> <li>(ii) External Hard Drive</li> <li>(iii) DVD- Read-Write Drive</li> <li>(iv) Minimum of one available Universal Serial Bus (USB) Port, with an available 4-port USB Hub</li> <li>(v) Microsoft Office Professional software</li> <li>(vi) Operating System: Microsoft Windows 10 operating system (32 or 64 bit)</li> <li>(vii) Current Anti-Virus software installed</li> </ul> <p>(22) Scanner, Color Flat Bed: ability to scan documents with automatic document feed capability</p> <p>(23) Staplers, Heavy/Light Duty</p> <p>(24) Hole Punch, Heavy Duty, 3-hole</p> <p>(25) Paper Cutter, 18"</p> <p>(26) Paper Shredder: ability to shred up to 12 sheets per pass into 7/32 strips up to 130 sheets per minute</p> <p>(27) Laminator 8 1/2" x 11" or bigger</p> <p>(28) Adequate supplies for a 7-day deployment. Vendor shall have adequate source to resupply materials.</p>
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		<p>(29) White paper, no minimum but vendor is required to have enough to meet the needs specified in (16)(l) above (400 copies of 40 pages, twice per day in three hours or less).</p> <p>(30) Color paper, (8 1/2" x 11"), four (4) colors, one (1) ream each.</p> <p>(31) All vehicles/equipment offered and under hire on this Agreement shall contain a fire extinguisher, multi-purpose 2A 10BC, that is securely mounted to the vehicle/equipment and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</p> <p>(32) All paper shall be a minimum of 30% recycled content.</p>
D.2.1.2	INCIDENT RELATED DATA	All data used on the incident, and products produced, will be under the direction of the Planning Section 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.
D.2.1.3	TRANSPORTATION VEHICLES	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.
D.2.1.4	RELOCATION OF UNIT	If requested by the Government, the contractor must be capable of relocating the unit at the incident within 4 hours or sooner at the discretion of the incident management team.
D.2.1.5	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 <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.2.2	VEHICLE LICENSING REQUIREMENTS	<p>D.2.2.1 -- 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)</p> <p>D.2.2.2 -- Prohibited Marking. Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.</p>
D.3.1	TRAINING/EXPERIENCE	<p>(a) Personnel shall be skilled in the use, operation, and troubleshooting of all equipment that is in the unit including desktop applications such as Microsoft Office, and capable of performing basic word processing functions.</p> <p>(b) The government reserves the right to verify training at any time for all operators.</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) On-Shift includes time worked, time that resource is held or directed to be in a state of readiness, and compensable travel</p>

		<p>(resource traveling under its own power) that has a specific start and ending time.</p> <p>(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.</p> <p>(c) There will be no Double Shifts paid under this agreement. The Vendor will coordinate an acceptable schedule with incident personnel to meet the workload requirements of the incident.</p> <p>(d) Work Rate</p> <ul style="list-style-type: none"><li>(1) Copy - Payment will be made for actual quantity of pages copied as ordered by the government.</li><li>(2) Lineal Feet (LF) - Payment will be made for actual quantity of lineal feet plotted as ordered by the government.</li><li>(3) Each - Payment will be made for the actual quantity of pages laminated or faxed; or books bound as ordered by the government.</li><li>(4) Square Feet (SF) - Payment will be made for actual quantity of square feet of custom sized lamination (other than 8 1/2" x 11" or 11" x 17") as ordered by the government.</li></ul>
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## COMMUNICATIONS UNIT

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain Communication Units for use on a local, Regional and Nationwide basis. The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel trained and/or certified to set up and/or demonstrate operation and/or repair the equipment, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) Unit shall arrive fully self-contained and be fully operable within 2 hours of arrival at the incident, unless otherwise negotiated.</p>
D.2.1.1	MINIMUM EQUIPMENT REQUIREMENTS	<p>(a) The unit shall:</p> <p>(1) Minimum 20' length x 7' wide, excluding tongue. The minimum length (20') of the unit is intended to include all of the space as usable space by the Government. Any private room(s) that may be used by the contractor as personal or storage space shall not be included in the 20' length of the unit.</p> <p>(2) Space shall be partitioned to provide a separate space for radio operators.</p> <p>(3) Contractor to provide a technician capable of setting up and providing maintenance on the communications unit and qualified to maintain and program provided equipment (i.e., radios, computers, etc.)</p> <p>(4) Air Conditioning Unit(s): Self-contained, climate controlled unit with air conditioning (air conditioned to maintain 70 to 75 F degree temperature in the unit).</p> <p>(5) Heating System: Sufficient to provide heating commensurate with the internal unit 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 the unit).</p> <p>(6) Unit must meet OSHA work environment requirements.</p> <p>(7) Wheel Chocks: Two (2) sets minimum, one set for each side of the unit.</p> <p>(8) If unit is configured as a trailer it shall be equipped with trailer stabilizers</p> <p>(9) Awning: The awning is optional but if one is provided it shall be a workable standard trailer awning.</p> <p>(10) Windows: Windows are optional but if provided they shall provide for natural lighting and air flow. An undamaged screen will completely surround the window area for windows that can open.</p> <p>(11) White boards: Three (3) each, recommend 36" L x 24" H.</p> <p>(12) Cork boards: Three (3) each: Recommend 36" L x 24" H, one each at each work station/work area.</p> <p>(13) 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.</p>

		<p>(14) Outside Lighting: Sufficient to provide light all entrance ways (two way directional security light).</p> <p>(15) Steps: If needed, to provide safe entry/exit from the trailer or unit.</p> <p>(16) Chairs: Provide a chair for each workstation, for a total of three (3) chairs. If the trailer is configured to have more than three (3) workstations, a chair for each workstation is required.</p> <p>(17) All equipment within the unit shall be surge protected on all electrical, radio, and data devices.</p> <p>(18) Self-propelled units are acceptable.</p> <p>(19) All vehicles/equipment offered and under hire on this Agreement shall contain a fire extinguisher, multi-purpose 2A 10BC, that is securely mounted to the vehicle/equipment and accessible by the operator. The fire extinguisher shall have a current annual inspection tag</p>
D.2.1.2	WORK SPACE	<p>(a) Workstations: Three (3) each desktop/countertop workstations, or work area large enough to accommodate three radio operator stations with chairs.</p> <p>(b) The minimum individual desk top work space provided shall be 18" deep by 36" long, for each work station, [three (3) total]. Wired for phone with headsets at each workstation; wired into a labeled punch box mounted outside.</p> <p>NOTE: IF a unit is longer, then the work space provided in the longer unit should be commensurate with these minimum requirements for work space.</p>
D.2.1.3	ELECTRICAL POWER REQUIREMENTS	<p>(a) Minimum 120 Volt, 50 Amp AC service entrance with disconnect switch to master breaker.</p> <p>(b) AC 4-plex receptacles at all dispatch stations and work stations. No more than two (2), 4-plex outlets for each 20 amp electrical breaker.</p> <p>(c) One (1) each - 20 foot, 50 Amp, AC service extension cable.</p> <p>(d) AC - 3 pin Twist-Lock to standard 3 pin adapters (20 amp service).</p> <p>(e) Battery Backup: DC (battery) backup with a minimum of 200 AH capacity for initial start-up and power outages. Battery shall have capacity to power all radio equipment for at least one operational period (one shift).</p> <p>(1) Battery must have a master disconnect or breaker switch.</p> <p>(2) Battery must be physically isolated from work area for personnel safety.</p> <p>(3) Battery must be a sealed, non-ventilating type, such as gel-cell.</p> <p>(f) Charging System: DC charging system to maintain battery backup</p> <p>(g) Auxiliary Connection: Two (2) each Auxiliary 12 volt connection power points near radio equipment.</p>

		<p>(h) Power inverter: One (1) each DC to AC power inverter sufficient to operate three (3) laptop computers.</p> <p>(i) External Generator: One (1) each AC generator kit to include one (1) generator with a minimum output capacity of 6000 Watts (6Kw), grounding rod, clamp and cable, one (1) each five (5) gallon fuel container meeting all DOT safety specifications. Generator shall not exceed 65 dB(A), Sound Pressure Level @ 7 meters.</p>
D.2.1.4	RADIO AND ELECTRONIC EQUIPMENT	<p>(a) All fixed radio equipment must be ready for immediate use upon arrival at the incident base facility or Incident Command Post (ICP), pending frequency programming.</p> <p>(b) The vendor must provide:</p> <ul style="list-style-type: none"> <li>(1) All radio frequency programming software and any necessary programming hardware.</li> <li>(2) Interface devices or personal computers required by the specific manufacturer make and model of radio equipment provided within the unit.</li> </ul> <p>(c) VHF-FM P25 Digital Base Station consisting of a minimum of one (1) VHF-FM mobile radio(s). Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. Programming instructions for user and computer programming will be available. Each radio will conform to the following requirements: (1) A P25 Digital VHF-FM two-way mobile radio, with a matched broadband antenna (Antenna Specialists ASPR7490, Maxrad MWB5803, or equivalent). The radio shall provide selection of analog wideband (25.0 kHz), analog narrowband (12.5 kHz), and P25 Digital narrowband (12.5 kHz), channel spacing on each channel operating from 138 MHz to 174 MHz. The radio shall be frequency-synthesized, equipped with a CTCSS sub-audible tone encoder having a minimum of selectable tones meeting the current TIA/EIA-603 standard, and develop a minimum of 30 watts nominal output power. (2) Transceivers shall be set to operate in the narrowband mode unless local requirements dictate otherwise. All radios must have the ability to be programmed in the field by the radio operator without the aid of a computer or the services typically found in a radio shop. (3) All P25 digital radios will operate with current software as shown on <a href="http://www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet.html">www.fs.fed.us/fire/niicd/Hotsheet/Hotsheet.html</a>. Software versions identified on this website by October 1st will be acceptable for the following year. The only exception is more up-to-date software versions as released by the manufacturer. P25 digital radios without a software version listing will be upgraded to the current version within six months of release by the manufacturer. As an example, 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 by January 1st. However, if the website did not list this new software until October 10th, the software would not be required until end of the following year.</p>

		<p>(d) UHF-FM Base Station: A minimum of one (1) UHF-FM mobile radio(s). The radio will operate from 406 to 420 MHz (minimum), have the capability for 10 (minimum) preset channels, provide a nominal power output of at least 30 watts minimum, and be user programmable without the need of a computer (although computer programming capability is also a requirement). Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. Programming instructions for user and computer programming will be available.</p> <p>(e) VHF and UHF radios must be separated by at least six feet to allow two (2) Radio Operators (RADOs) to operate the different radios with little to no interference.</p> <p>(f) DC POWER TO RADIO EQUIPMENT: Provided by at least one (1) each 12 Volt power supply with an automatic backup switch or relay and have a minimum capacity of 35 Amps.</p> <p>(g) Base Station Antennas: (1) VHF-FM Broadband antenna (Antenna Specialists ASPR7490, Maxrad MWB5803, or equivalent). Note: Antennas supplied with new radios do not meet these requirements. (2) UHF Broadband antenna tuned to the proper frequency band for each required base station radio. (3) At least two (2) magnetic mounted antennas with an 8 foot (minimum) RF cable for both the VHF-FM and UHF-FM frequency bands are required. (4) Antennas may be mounted on masts or mounted directly to the unit. Antennas will be placed as far apart from each other as possible for frequency separation. Antennas may be detached from the unit for transport.</p> <p>(h) RF CABLES: RF cable terminations will be accessible from both inside and outside the unit. VHF cables shall be terminated with 'UHF' connectors. UHF cables shall be terminated with 'N' connectors. A selection of interseries adapters will be provided. All cables will be permanently labeled. In addition to the base station RF cables, there shall be an additional VHF cable from each work position to an outside jack box. All cables shall be RG-213, RG-8, or better cable.</p>
D.2.1.5	TELEPHONE/INTERNET SERVICE/ACCESS	<p>(a) One (1) each telephone service/customer entrance panel to accommodate a minimum of seven (7) pre-wired telephone jacks (RJ-11 all wired back to the RJ-66 surge protected punch down block, pre-wired telephone jacks installed as follows:</p> <ul style="list-style-type: none"> <li>(1) One (1) for each workstation, so a total of three (3).</li> <li>(2) Two (2) external phone jacks mounted to the outside of the unit.</li> <li>(3) Two (2) additional jacks located elsewhere in the unit.</li> <li>(4) Seven (7) pre-wired internet ports (RJ-45), mounted either next to or adjacent to the seven (7) pre-wired telephone jacks.</li> </ul> <p>(b) Three (3) each telephone handsets (One near each work station or work area).</p>

		<p>(c) LAN system (not wireless) capable of providing service to each workstation.</p> <ul style="list-style-type: none"> <li>(1) Cat 6 (or better) ran to each workstation shall terminate at a patch panel located inside the unit for easy connection to a powered switch (i.e., LAN system)</li> <li>(2) Two (2) Cat 6 (or better) runs from the patch panel to two (2) RJ-45 connections in the entry panel.</li> <li>(3) Power over Ethernet switch with a minimum 8 port data switch.</li> </ul> <p>(d) Internet. Two types Type 1 Communication Unit requires Internet (to establish a minimum level of service for satellite internet access and is for government use only). Air time is included in the daily rate.</p> <ul style="list-style-type: none"> <li>(1) The Daily Rate for a Type 1 Communications Unit, which is inclusive of internet, includes all equipment, personnel, data transmission, air time, and any other costs associated with providing internet for the Communications Unit, and no further payment will be made for additional air time. If the incident requires services over and above those stated in this specification, an incident only EERA will be initiated by a warranted CO and no payment will be made for optional internet that may be awarded on this agreement.</li> <li>(2) Minimum bandwidth: 1.5Mbps Download speed, 768kbps Upload speed</li> <li>(3) Wireless router with port address translation and DHCP capability for internal IP address assignment.</li> <li>(4) The ability to support for 3DES IPSec tunneling is required to support end to end solutions where remote access is needed.</li> <li>(5) Minimum Hardware: WI-FI Access Points: 802.11 b/g/n with WPA key encryption options.</li> <li>(6) Browser administrated.</li> <li>(7) Power over Ethernet capable.</li> <li>(8) POE 8 port data switch.</li> <li>(9) Contention ratio maximum 15-1.</li> </ul>
D.2.1.6	ADDITIONAL EQUIPMENT	<p>All in one fax, copier, scanner, printer, with two (2) reams of paper appropriate for the machine, for initial startup. In addition to the consumables that come with that equipment at time of dispatch, one (1) additional set of consumables (i.e., toner, ink, or other supplies necessary to keep the all in one operable) is required. During the incident, all supplies (i.e., consumable items) will be purchased by the incident. The intent of this clause is to pass through to the incident the cost of the supplies listed above that are consumed during the incident. The vendor would leave the incident with the same supplies they arrived with (i.e., one (1) set of consumables such as toner, ink, or other supplies necessary to keep the all in one machine operable and two (2) reams of paper). If the consumable supplies are unable to be provided to the vendor before they depart the incident, the vendor can submit a claim for reimbursement (based on current catalog pricing). See Section C.5 for claim settlement authority.</p>
D.2.1.7	TRANSPORTATION VEHICLES	<p>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</p>

		to be legally driven on highways under their own power and be able to travel at a minimum of 50 miles an hour.
D.2.1.8	RELOCATION OF UNIT	If requested by the Government, the contractor must be capable of relocating the unit at the incident within 4 hours or sooner at the discretion of the incident management team.
D.2.1.9	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: <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.2.2	VEHICLE LICENSING REQUIREMENTS	D.2.2.1 – 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)  D.2.2.2 – Prohibited Marking. Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.21.8.1	RATES OF PAYMENTS	Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:  (D) 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.  (D) 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.  I There will be no Double Shifts paid under this agreement. The Vendor will coordinate an acceptable schedule with incident personnel to meet the workload requirements of the incident.

## CREW CARRIER BUS

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain crew carrier bus(es) 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) Crew carrying type buses may be used on mountainous roads with gravel or native surfaces, narrow, unimproved roads, off roads, in mountainous, rangeland and timbered areas, and may be operated where there is brush and trees growing on the shoulders. See definition of ordinary wear and tear. The vehicles must be capable of providing personnel transportation to and from the fire line. The contractor supplied bus driver has the final say on where and how the vehicle can be used.</p>
D.2.1.2	EQUIPMENT REQUIREMENTS	<p>All equipment shall have:</p> <p>(a) School-type bus with capacity to carry a minimum of 22 adult passengers</p> <p>(b) One operator</p> <p>(c) Shall be 1999 or newer and meet the following minimum FMVSS standards:  (1) FMVSS 121 Air Brake Systems (63 FR 7727, 1998)  (2) FMVSS 217 Bus Emergency Exits and Window Retention and Release (37 FR 9395, 1972)  (3) FMVSS 220 School Bus Rollover Protection (63 FR 28948, 1998)  (4) FMVSS 221 School Bus Body Joint Strength (41 FR 36027, 1976)  (5) FMVSS 222 School Bus Passenger Seating and Crash Protection (63 FR 28948, 1998)</p> <p>(d) Shall be equipped with FMVSS compliant seats and seatbelts in all seating positions.</p> <p>(e) Cargo areas shall be constructed of durable materials that can safely and securely store firefighting equipment. The storage area shall be a minimum of 120 cubic feet and shall be securely mounted to the body or frame of the vehicle. The use of roof racks mounted externally to the top of the bus for the storage of firefighter's personal gear or equipment is strictly prohibited under the terms of this agreement. Buses must be capable of providing a secure internal storage area for Firefighter's gear including personal gear bags (redbags), day packs and fire line gear. The cargo area will be engineered for the protection of the passengers, with no sharp edges or unfinished areas that may cause personal injury. All of the original emergency exits that were required when the bus was manufactured shall be in working order. Alternate or additional emergency exits are allowed but are not an</p>

		<p>acceptable replacement for the original emergency exits. All emergency exits shall be clearly identified and shall not be blocked by any portion of the cargo area. Cargo area door(s) may not block access to emergency exits at any time. A clear unobstructed path to all emergency exits shall be maintained at all times.</p> <p>(f) Due to the wracking nature of off-road personnel carriers, storage areas shall be constructed as to withstand shifting cargo. Storage areas may be constructed of heavy weight ballistic nylon that is reinforced with heavy webbing that encapsulates the load, but netting is not approved. If the storage area is a cage-like device then the frame shall be constructed of metal.</p> <p>(g) Buses employed under this agreement must be capable of transporting a minimum of 5300 pounds which includes firefighters, personal gear, tools, and miscellaneous supplies.</p> <p>Note: Firefighting tools can include but are not limited to: chainsaws, drip torches, fusees, handtools, and bladder bags. Flammable/combustible liquids shall not be transported inside the vehicle with passengers and driver. Chainsaws (2 each with a minimum"28" bar), drip torches, mixture gas and fusees must be stored in an external compartment. Follow the U.S. Department of Transportation's Hazardous Materials Regulations (49 CFR) for transporting hazardous materials. Chase vehicles, racks mounted to the outside of the bus and trailer hitch baskets are not acceptable.</p> <p>(h) The bus shall be configured to safely store the gear while maintaining all DOT required emergency exit openings. The internal or external storage space shall meet Federal Motor Carrier Safety Regulations 392.62 (c) 1, 2, 3 Safe Operations.</p> <p>(i) The company name and vehicle identification number (Equipment ID) shall be displayed on the vehicle. Lettering on this shall be a minimum of two (2) inches in height.</p> <p>(j) The following documentation may be requested at any time for each bus:</p> <ul style="list-style-type: none"><li>(1) Copy of current DOT operating authorities, permit numbers, and the name and location (state) of the issuing authority organization.</li><li>(2) Current proof of safety inspections and insurance coverage shall be available at all times during usage of the vehicle.</li><li>(3) All buses shall be capable of operating in an interstate capacity and shall meet the insurance requirements of DOT Regulation 49 CFR Part 387.33.</li><li>(4) All offerors will be required to maintain their DOT Operating Authority in order to remain on the Dispatch Priority List.</li><li>(5) Vendors shall comply with DOT Regulation 49 CFR Part 396, for inspection, repair, and maintenance.</li><li>(6) Government may validate this information at website: <a href="http://www.safersys.org">www.safersys.org</a></li></ul>
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D.2.1.3	CONTRACTOR PROVIDED PERSONAL PROTECTIVE EQUIPMENT	<p>(a) Contractor shall be responsible for ensuring that all personnel arrive with the following: Personal Protective Equipment (PPE). 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 PPE 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 PPE:</p> <ul style="list-style-type: none"> <li>(1) BOOTS: All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not acceptable).</li> <li>(2) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.</li> <li>(3) GLOVES: One pair of heavy-duty leather per person.</li> <li>(4) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).</li> <li>(5) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB.</li> <li>(6) HEAD LAMP: With batteries and attachment for hardhat.</li> <li>(7) FIRE SHELTER: New Generation Fire Shelter is required.</li> <li>(8) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of two full sets of resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</li> </ul> <p>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.</p> <p>(b) All vehicles offered and under hire in this Agreement shall contain a fire extinguisher, multipurpose 2A 10BC, that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</p>

D.2.2	TRANSPORTATION	<p>(a) 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.</p> <p>(b) All drivers of commercial vehicles shall adhere to Federal Motor Carrier Administration Hours of Service. At time of dispatch all drivers shall be able to operate up to the maximum hours of service.</p> <p>(c) All 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 this solicitation. 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.</p>
D.2.2.1	TIRE REQUIREMENTS	<p>Tires shall have load ratings in accordance with the 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.</p>
D.2.2	PROHIBITED MARKING	<p>Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.</p>
D.3.1	TRAINING/EXPERIENCE	<p>(a) Each person employed by the Contractor under this Agreement shall meet the following minimum requirements:</p> <ul style="list-style-type: none"> <li>(1) RT-130 Annual Fireline Refresher including fire shelter.</li> <li>(2) Commercial Driver's License (CDL) with passenger endorsement and medical card valid for the state in which the operator resides.</li> <li>(3) All operators shall be able to operate the equipment safely up to the manufacturer's limitations.</li> </ul>
D.21.5	REMAIN OVERNIGHT ALLOWANCE (RON) (CREW CARRIER BUS ONLY)	<p>(a) TRAVEL TO OR FROM AN INCIDENT WITHOUT A CREW ON BOARD THE BUS. Contractors under this agreement are not paid lodging expenses to or from incidents.</p> <p>(b) TRAVEL TO OR FROM AN INCIDENT WITH A CREW ON BOARD THE BUS. The Government will pay RON allowance for a Bus Operator traveling to or from an incident only when transporting a crew (ie. crew is on board the bus). The Government will pay actual lodging expenses or the per diem locality rate published by the U.S. General Services Administration (GSA) web site (<a href="http://www.gsa.gov">www.gsa.gov</a>), whichever is less. Any associated lodging taxes are reimbursable as documented on the lodging invoice.</p> <p>(c) AT THE INCIDENT. When the Government cannot provide a campsite, the Government will pay actual lodging expenses or the per diem locality rate published by the U.S. General Services Administration (GSA) web site (<a href="http://www.gsa.gov">www.gsa.gov</a>), whichever is less. Any associated lodging taxes are reimbursable as documented on the lodging invoice.</p> <p>(c) If the resource is allowed to return to its dispatch location during off-shift time, RON allowance is not authorized.</p>

D.21.6	FOOD & DRINK (CREW CARRIER BUS ONLY)	<p>(a) TRAVEL TO OR FROM AN INCIDENT WITHOUT A CREW ON BOARD THE BUS. Contractors are required to provide sufficient food &amp; drink to support their employee(s) while in travel status. This is not reimbursed by the Government.</p> <p>(b) TRAVEL TO OR FROM AN INCIDENT WITH A CREW ON BOARD THE BUS. The Government will pay meals and incidental expenses (M&amp;IE) to or from an incident only when transporting a crew (ie. crew is on board the bus). The Government will pay M&amp;IE based on per diem locality rates published by the US General Services Administration (GSA) web site (<a href="http://www.gsa.gov">www.gsa.gov</a>), minus any Government-provided meals.</p> <p>((c) AT THE INCIDENT. When Government subsistence at incident camps are available, meals for Contractors Operator(s) will be furnished without charge. The Government will furnish meals without cost if restaurant subsistence is the approved method of feeding incident personnel.</p> <p>(d) If Government subsistence at incident camp is not available, the Contractor is expected to have sufficient food &amp; drink for their personnel until the Government can make arrangements for food &amp; drink. The Government will reimburse meals and incidental expenses (M&amp;IE) based on per diem locality rates published by the US General Services Administration (GSA) web site (<a href="http://www.gsa.gov">www.gsa.gov</a>), minus any Government-provided meals.</p> <p>(e) The Government, during demobilization and/or reassignment, may provide sack lunches to Contractor personnel without charging the Contractor</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) Payment will be based on the total actual miles per day, or the daily guarantee, whichever is greater.</p> <p>(1) Mileage Payment shall be made for the mileage rate, or the guarantee, whichever is greater.</p> <p>(2) 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.</p>

## FALLER

D.1	SCOPE OF AGREEMENT	<p>The intent of this solicitation and any resultant Agreement is to obtain the services of faller module(s) for use on a local, regional and nationwide basis. 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. The resources may be used in the protection of lands, to include but not be limited to, severity, fire suppression, and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p>
D.2.1	CONTRACTOR PROVIDED EQUIPMENT	<p>(a) Personal Protective Equipment (PPE). 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 PPE 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 PPE:</p> <ol style="list-style-type: none"> <li>(1) BOOTS: All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not acceptable).</li> <li>(2) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.</li> <li>(3) GLOVES: One pair of heavy-duty leather per person.</li> <li>(4) CHAPS: One pair per person meeting USFS Specification 6170-4F or certified to NFPA 1977.</li> <li>(5) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).</li> <li>(6) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB.</li> <li>(7) HEAD LAMP: With batteries and attachment for hardhat.</li> <li>(8) FIRE SHELTER: New Generation Fire Shelter is required.</li> <li>(9) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</li> </ol> <p>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.</p> <p>(b) Chainsaw: Two (2) required per faller.</p> <ol style="list-style-type: none"> <li>(1) Operational.</li> <li>(2) Minimum of "30" or longer bar for larger diameter timber.</li> <li>(3) Power head minimum 67 cubic centimeter (cc) or larger.</li> <li>(4) Operational approved spark arrester.</li> <li>(5) Chainbrake (functional).</li> <li>(6) All necessary maintenance tools, supplies, and parts to keep the saw operating in a safe and efficient manner (i.e. bar or saw tool, files, chain, gas/oil, etc.).</li> </ol>

		<p>(c) Other Equipment:  (1) Wedges  (2) Falling axe</p>
D.2.2	TRANSPORTATION	<p>(a) The Contractor shall provide dependable ground transportation that meets all State and Federal laws relating to motor vehicle operation. The vehicle must be capable of providing transportation to and from the fireline. The Contractor shall ensure that seatbelts will be available and used by every passenger in any vehicle while in motion. Vehicle MUST be 4-wheel or all wheel drive capable.</p> <p>(b) Vehicle must be capable of carrying saws and hazardous materials (i.e. fuel) external from the passenger compartment.</p>
D.2.2.1	TIRE REQUIREMENTS	Tires shall have a load 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" for rear tires and 4/32" for steering axle tires.
D.2.2.2	SPARE TIRE	All vehicles shall have a full size spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.
D.2.2.3	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.2.4	FIRE EXTINGUISHER	All vehicles and equipment offered and under hire on this Agreement shall contain 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.
D.3.1	TRAINING/EXPERIENCE	<p>(a) Each person under this Agreement shall meet the following minimum requirements:  (1) 3 years' experience in the commercial logging industry as a timber faller and/or 3 years' experience as a faller on wildfire incidents (1,000 hours of timber falling is equal to 1 year of experience).  (2) RT-130 Annual Fireline Refresher including fire shelter.  (3) Arduous Work Capacity Fitness Test (3 miles with a 45 pound pack in 45 minutes).</p> <p>(b) The government reserves the right to verify training and experience at any time for all fallers.</p> <p>(c) Contract resources must abide by the terms and position requirements of the respective agreement they are hired under.</p>
D.21	PAYMENTS	<p>(a) Payments will be made in accordance with D.21.8.</p> <p>(b) When equipment is ordered for severity assignments, the following payment will be made:</p> <p>(c) Table D.21 - SEVERITY RATES</p> <hr/> <p>Severity is paid at 75% of the daily rate for 10 hours or less, excluding meal breaks. For greater than 10 hours, including travel time, the full daily rate applies</p>

		<p>If a resource is mobilized to an incident within the 10 hour severity period the payment will revert to the full daily rate. If the mobilization occurs outside the 10 hour severity period they will be released from their severity assignment and the suppression rates will be applied under the first and last day language of the Agreement. In no case shall the daily rate be exceeded.</p> <hr/> <p>(1) Severity assignments are at the discretion of the Contractor to accept or reject. Rejecting a severity assignment will not effect placement on the priority list or preclude a Contractor from being offered a suppression assignment at full daily rate.</p> <p>(2) Severity assignments often are not associated with a formal incident base camp or have meals and lodging provided. If a base camp is not established, RON (see D.21.5) may or may not be authorized and is at the Governments discretion.</p>
D.21.1	BRIEFINGS	All operators shall attend operational period briefings. This is included in the daily rate.
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p>
EXHIBIT J	FALLER CLASS C QUALIFICATIONS	
EXHIBIT K	FALLER RESUME	

## FUEL TENDER

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain Fuel Tender (s) 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) Fuel Tenders may be used on mountainous roads with gravel or native surfaces, narrow, unimproved roads, off roads, in mountainous, rangeland and timbered areas, and may be operated where there is brush and trees growing on the shoulders. See definition of ordinary wear and tear. The contractor supplied Fuel Tender operator has the final say on where and how the vehicle can be used.</p>
D.2.1.1	EQUIPMENT TYPING	<p>Fuel Tender Types:</p> <ul style="list-style-type: none"> <li>- Type 1: 3501+ gallons</li> <li>- Type 2: 2501 - 3500 gallons</li> <li>- Type 3: 500 - 2500 gallons</li> </ul>
D.2.1.2	EQUIPMENT REQUIREMENTS	<p>(a) Fuel Tender shall be fully registered as a commercial vehicle and be current with all DOT, EPA and state inspection requirements.</p> <p>(b) Fuel Tenders shall provide a qualified operator for each shift ordered.</p> <ul style="list-style-type: none"> <li>(1) Fuel Tender dispensing system shall have a separate dispensing system for each product offered. The Contractor shall provide diesel and unleaded fuel.</li> <li>(2) Fuel Tender shall contain a certified meter to measure accurate deliveries.</li> <li>(3) Spill containment kits that are applicable to mobile fuel dispensing vehicles must meet state and federal hazardous materials containment requirements.</li> </ul>
D.2.1.3	FUEL TENDER TANK	<p>Fuel Tender tank shall have the following proof of testing:</p> <ul style="list-style-type: none"> <li>(a) Have proof of a current yearly visual and leakage (VK) test</li> <li>(b) Have proof of an Internal and Pressure (I&amp;P) within the last 5 years</li> <li>(c) All fuel tenders must comply with local certification processes.</li> <li>(d) Valves: <ul style="list-style-type: none"> <li>(1) All tank control valves shall be protected by an emergency shutoff valve.</li> <li>(2) Handles shall be painted red or a decal should direct the user to the emergency valve.</li> <li>(3) All valves shall shut completely with no leaking fuel</li> <li>(4) Tank control valves shall be equipped with fusible nuts</li> </ul> </li> </ul>

		<p>(e) Wiring:</p> <ul style="list-style-type: none"> <li>(1) All electrical wiring within tank compartments shall be covered with no exposed wire</li> <li>(2) All lights and switches shall be in explosion proof housings</li> <li>(3) Openings into fixtures shall be protected with rubber grommets to seal out fuel fumes.</li> </ul> <p>(f) Hoses and nozzles:</p> <ul style="list-style-type: none"> <li>(1) Nozzles shall be of proper size for dispensing fuel</li> <li>(2) Large nozzle for Diesel</li> <li>(3) Small for unleaded</li> <li>(4) Hoses shall be in good condition with no deep cracks or leaking surfaces</li> </ul>
D.2.1.4	FUEL TENDER SAFETY ITEMS	<p>Fuel Tender must have a bonded hose reel and/or a ground rod and cable for grounding the tender while fueling.</p> <p>(a) Safety Items</p> <ul style="list-style-type: none"> <li>(1) 2A-10BC Fire Extinguisher</li> <li>(2) Fuel spill response kit</li> <li>(3) Hazardous materials compliance pocketbook</li> <li>(4) Emergency Response guidebook (Most Current Edition)</li> </ul>
D.2.1.5	OTHER REQUIRED ITEMS	<p>(a) Backup Alarm. All vehicles under hire on this Agreement shall include an electric or electronic back up alarm that meets the Type D 87 decibels, dBA) requirements of SAE J994.</p> <p>(b) Chock Blocks appropriate size (2 Required)</p> <p>(c) Seat belts available for driver and any passengers.</p> <p>(d) Flashlight (Minimum of 2 "D" Batteries)</p>
D.2.1.6	OPERATIONAL REQUIREMENTS	<p>(a) The Contractor shall provide a properly trained and licensed operator to manage the daily operations of the fuel tender. The Contractor shall be responsible to provide fuel for the incident in a safe and efficient manner.</p> <p>(b) Contractors shall be able to accept all major credit cards for payment of fuel and providing receipts for sales at the incident. At the discretion of incident personnel, the Contractor shall complete the Emergency Equipment Fuel and Oil Issue tickets, OF-304, and reconcile them with the finance section on a daily basis.</p> <ul style="list-style-type: none"> <li>(1) Per gallon price will be established at the time of hire based on the vendors cost plus a reasonable markup to include consideration for credit card surcharges if applicable. Vendor fuel costs supporting the price per gallon may be requested by the Government. Per gallon prices shall be displayed in a visible fashion.</li> <li>(2) No separate payments will be made for nursing tender or spill containment kits or structures.</li> <li>(3) Off-road diesel fuel shall not be dispensed by the fuel tender.</li> </ul>

D.2.2	TRANSPORTATION	<p>(a) 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)</p> <p>(b) Fuel Tenders shall not exceed the manufacturer's GVWR or Gross Axle Weight Rating (GAWR) per axle when the vehicle is fully loaded and equipped. 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 at the pre-season and incident inspections. Only a written verifiable GVWR from the manufacturer or final stage manufacturer will be accepted. Vehicles without GVWR and GAWR ratings will be rejected at the pre-use inspection.</p> <p>(c) 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.</p>
D.2.2.1	TIRE REQUIREMENTS	Tires shall have load ratings 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.
D.2.2.2	SPARE TIRE	All vehicles shall have a full-size wheel mounted spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.
D.2.2.3	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.2.4	FIRE EXTINGUISHER	All vehicles and equipment offered and under hire on this Agreement shall contain 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.
D.2.2.5	VEHICLE IDENTIFICATION	All equipment shall have the company's name and unique identification number affixed to the vehicle. The company name and unique ID shall be on each side of the cab.
D.2.3	SPILL CONTAINMENT	<p>(a) If required by the state or local authority, contractors shall provide additional spill containment equipment which meets applicable state or local requirements.</p> <p>(b) The Contractor shall take action to safely contain all spills/leaks.</p>
D.3.1	TRAINING/EXPERIENCE	(a) 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:

		<p>(1) Commercial Drivers License (CDL) with the appropriate endorsements and medical card valid for the state in which the operator resides.</p> <p>(2) All operators shall be able to operate the equipment safely up to the manufacturers limitations.</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(b) There will be no Double Shifts paid under this agreement. Agency personnel at the Section Chief level may, by resource order, authorize additional operators if needed during the assignment. Additional operators, when ordered will be paid a daily rate of \$400 per operator.</p> <p>(c) 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.</p>

## GIS UNIT

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) The unit shall arrive fully self-contained and be fully operable within 2 hours of arrival at the incident, unless otherwise negotiated.</p>
D.2.1.1.	MINIMUM EQUIPMENT REQUIREMENTS	<p>(a) GIS Unit and transportation vehicle(s):</p> <ol style="list-style-type: none"> <li>(1) Minimum 20' length x 8' wide, excluding tongue.</li> <li>(2) Contractor to provide a technician capable of setting up and providing maintenance on the GIS Unit and qualified to maintain and program provided equipment (i.e., radios, computers, etc.).</li> <li>(3) Air Conditioning Unit(s): Self-contained, climate controlled unit with air conditioning (air conditioned to maintain 70 to 75 F degree temperature in the unit).</li> <li>(4) Heating System: Sufficient to provide heating commensurate with the internal unit 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 the unit).</li> <li>(5) AC power source (generator) that is adequate to provide sufficient power for all onboard systems.</li> <li>(6) 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 government but the cost for that fuel will be deducted from the vendors use invoice. Fuel supplied by the Government will be documented on the OF-304, Fuel and Oil Issue and copies of those fuel issues will be in the vendors use envelope).</li> <li>(7) Uninterruptable Power Supply (UPS) and line conditioner system.</li> <li>(8) Unit must meet Occupational Safety and Health Administration (OSHA) work environment requirements.</li> <li>(9) Wheel Chocks: Two (2) sets minimum, one set for each side of the unit.</li> <li>(10) If unit is configured as a trailer it shall be equipped with trailer stabilizers.</li> <li>(11) Awning: The awning is optional but if one is provided it shall be a workable standard trailer awning.</li> <li>(12) Windows: Windows are optional but if provided they shall provide for natural lighting and air flow.</li> <li>(13) Internal Lighting: Sufficient to provide adequate light for night time operations. In addition, all lighting for individual workstations</li> </ol>

		<p>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.</p> <p>(14) Outside Lighting: Sufficient to provide light all entrance ways (two way directional security light).</p> <p>(15) Steps: If needed, to provide safe entry/exit from the unit.</p> <p>(16) Self-propelled units are acceptable.</p> <p>(17) All vehicles/equipment offered and under hire on this Agreement shall contain a fire extinguisher, multi-purpose 2A 10BC, that is securely mounted to the vehicle/equipment and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</p> <p>(18) All Units ordered must be internet ready. Internet service for use at the incident will be provided by the incident.</p> <p>(b) Type 1:</p> <p>(1) Four (4) computer workstations with Windows based operating systems: Win10 or better. Computers must be able to be configured to accept Dynamic Host Configuration Protocol (DHCP) service for connectivity. All computers will be configurable for administrative rights for incident personnel.</p> <p>(2) Workspace and tables/chairs to accommodate an additional two (2) workers, for a total of six (6) workstations.</p> <p>(3) All computer workstations, printers and plotters shall be networked, expandable to an additional ten (10) external workstations (i.e., 16-port router).</p> <p>(4) Minimum Connectivity speed of 100 mbs, up to 1 Gbps.</p> <p>(5) Network cables and power strips.</p> <p>(6) A system administrator for initial setup of systems and network. System administrator must be available as-needed within 24 hours, to ensure functionality.</p> <p>(7) Re-imaging or clone hard drive capabilities required for system failure.</p> <p>(8) Daily backup capability or redundancy of all data and products.</p> <p>(9) DVD+/-CD RW writer on each workstation/server.</p> <p>(10) ArcGIS 10.5, installed or most current version, and ArcGIS Pro 2.0.1 or most current version installed with ArInfo License.</p> <p>(11) 10 licenses, FIMT, FGX, DNR GPS, x Tools, and Google Earth. ArcGIS extensions (most recent versions) to include: ArcPress, Spatial Analyst, 3D Analyst, Xtools, DNRGPS (GPS download software), and Customized Style files for Incident Command System (ICS) symbology provided for ArcGIS. The vendor shall have the advanced install of ArcGIS 10.5 or most current version.</p> <p>(12) Microsoft Office Suite or better (Office 2013 or most current version is preferred). Office must include Word, Excel, Access, Power Point, and Front Page.</p> <p>(13) Photo editing software.</p> <p>(14) Color printer (1), capable of 11" x 17" prints, networked (not USB) (i.e. HP 1220 or equivalent).</p> <p>(15) Large format (E size) plotter handling paper rolls from 36" 44", Standard sheet sizes, A,B,C,D and E, Ethernet 10/100/1000. BaseT/TX and USB 2.0 or better connectivity, Postscript 3 and/or</p>
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		<p>HP RTL HP-GL/2 print language, minimum 30 seconds/page for ANSI D-sized print speed.</p> <p>(16) Vendor shall arrive at the incident with the following supplies for number 14 and 15:</p> <ul style="list-style-type: none"> <li>(i) Large format plotter - two (2) full sets of ink and twenty (20) rolls of paper (a minimum of 5 rolls shall be a base weight of 24 lb. and a minimum length of 150' per roll);</li> <li>(ii) Color printer - two (2) full sets of printer cartridges and two (2) reams each of 8 1/2" x 11" and 11" x 17" paper (all paper shall contain a minimum of 30% recycled content);</li> <li>(iii) During the incident, all plotter and printer supplies consumed at the incident will be replenished by the incident or reimbursed to the vendor at the prices agreed to by the Contracting Officer and included in this agreement (see Exhibit J). The vendor and incident personnel will be responsible for taking an inventory of existing plotter and printer supplies. Agreed upon reimbursements will be added as an "Addition" to the OF-286, Emergency Equipment Use Invoice.</li> </ul> <p>(17) White board (minimum 2' x 3') with dry erase marker.</p> <p>(c) Type 2:</p> <ul style="list-style-type: none"> <li>(1) Two (2) computer workstations with Windows based operating systems: Win10 or better is preferred (64-bit), Core i7, 66 GB RAM, 4GB dedicated video card, 1TB SSD, 17 inch screen, Ethernet/WiFi/Bluetooth, etc. Computers must be able to be configured to accept Dynamic Host Configuration Protocol (DHCP) service for connectivity. All computers will be configurable for administrative rights for incident personnel.</li> <li>(2) Workspace and tables/chairs to accommodate an additional two (2) workers, for a total of four (4) workers.</li> <li>(3) All computer workstations, printers and plotters shall be networked, expandable to an additional ten (10) external workstations (i.e., 16-port router).</li> <li>(4) Minimum Connectivity speed of 100 mbs, up to 1 Gbps.</li> <li>(5) Network cables and power strips.</li> <li>(6) A system administrator for initial setup of systems and network. System administrator must be available as-needed within 24 hours, to ensure functionality.</li> <li>(7) Re-imaging or clone hard drive capabilities required for system failure.</li> <li>(8) Daily backup capability or redundancy of all data and products.</li> <li>(9) DVD+/-CD RW writer on each workstation/server.</li> <li>(10) ArcGIS 10.5, installed or most current version, and ArcGIS Pro 2.0.1 or most current version installed with ArcInfo License.</li> <li>(11) 10 licenses, FIMT, FGX, DNR GPS, x Tools, and Google Earth. ArcGIS extensions (most recent versions) to include: ArcPress, Spatial Analyst, 3D Analyst, Xtools, DNRGPS (GPS download software), and Customized Style files for Incident Command System (ICS) symbology provided for ArcGIS. The vendor shall have the advanced install of ArcGIS 10.5 or most current version.</li> <li>(12) Microsoft Office Suite or better (Office 2013 or most current version is preferred). Office must include Word, Excel, Access, Power Point, and Front Page.</li> </ul>
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		<p>(13) Photo editing software.</p> <p>(14) Color printer (1), capable of 11" x 17" prints, networked (not USB) (i.e. HP 1220 or equivalent).</p> <p>(15) Large format (E size) plotter handling paper rolls from 36" 44", Standard sheet sizes, A,B,C,D and E, Ethernet 10/1000. BaseT/TX and USB 2.0 or better connectivity, Postscript 3 and/or HP RTL HP-GL/2 print language, minimum 30 seconds/page for ANSI D-sized print speed.</p> <p>(16) Vendor shall arrive at the incident with the following supplies for number 14 and 15:</p> <ul style="list-style-type: none"> <li>(i) Large format plotter - two (2) full sets of ink and twenty (20) rolls of paper (a minimum of 5 rolls shall be a base weight of 24 lb. and a minimum length of 150' per roll);</li> <li>(ii) Color printer - two (2) full sets of printer cartridges and two (2) reams each of 8 1/2" x 11" and 11" x 17" paper (all paper shall contain a minimum of 30% recycled content);</li> <li>(iii) During the incident, all plotter and printer supplies consumed at the incident will be replenished by the incident or reimbursed to the vendor at the prices agreed to by the Contracting Officer and included in this agreement (see Exhibit J). The vendor and incident personnel will be responsible for taking an inventory of existing plotter and printer supplies. Agreed upon reimbursements will be added as an "Addition" to the OF-286, Emergency Equipment Use Invoice.</li> </ul> <p>(17) White board (minimum 2' x 3') with dry erase marker.</p> <p>(d) Type 3:</p> <ul style="list-style-type: none"> <li>(1) One (1) computer workstation with Windows based operating systems: Win10 or better is preferred (64-bit), Core i7, 66 GB RAM, 4GB dedicated video card, 1TB SSD, 17 inch screen, Ethernet/WiFi/Bluetooth, etc. Computers must be able to be configured to accept Dynamic Host Configuration Protocol (DHCP) service for connectivity. All computers will be configurable for administrative rights for incident personnel.</li> <li>(2) Workspace and tables/chairs to accommodate a minimum of five (5) workers</li> <li>(3) All computer workstations, printers and plotters shall be networked, expandable to an additional ten (10) external workstations (i.e., 16-port router).</li> <li>(4) Minimum Connectivity speed of 100 mbs, up to 1 Gbps.</li> <li>(5) Network cables and power strips.</li> <li>(6) A system administrator for initial setup of systems and network. System administrator must be available as-needed within 24 hours, to ensure functionality.</li> <li>(7) Re-imaging or clone hard drive capabilities required for system failure.</li> <li>(8) Daily backup capability or redundancy of all data and products.</li> <li>(9) DVD+/-CD RW writer on each workstation/server.</li> <li>(10) ArcGIS 10.5, installed or most current version, and ArcGIS Pro 2.0.1 or most current version installed with ArcInfo License.</li> <li>(11) 10 licenses, FIMT, FGX, DNR GPS, x Tools, and Google Earth. ArcGIS extensions (most recent versions) to include: ArcPress, Spatial Analyst, 3D Analyst, Xtools, DNRGPS (GPS download</li> </ul>
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		<p>software), and Customized Style files for Incident Command System (ICS) symbology provided for ArcGIS. The vendor shall have the advanced install of ArcGIS 10.5 or most current version.</p> <p>(12) ArcGIS extensions (most recent versions) to include: ArcPress, Spatial Analyst, 3D Analyst, Xtools, Minn.DNR Garmin (GPS download software), and Customized Style files for Incident Command System (ICS) symbology provided for ArcGIS, ArcGIS Collector and ArcGIS Survey 12.3.</p> <p>(13) Microsoft Office Suite or better (Office 2013 or most current version is preferred). Office must include Word, Excel, Access, Power Point, and Front Page.</p> <p>(14) Photo editing software.</p> <p>(15) Color printer (1), capable of 11" x 17" prints, networked (not USB)(i.e. HP 1220 or equivalent).</p> <p>(16) Large format (E size) plotter handling paper rolls from 36" 44", Standard sheet sizes, A,B,C,D and E, Ethernet 10/1000. BaseT/TX and USB 2.0 or better connectivity, Postscript 3 and/or HP RTL HP-GL/2 print language, minimum 30 seconds/page for ANSI D-sized print speed.</p> <p>(17) Ancillary network hardware such as Cat 5e cables.</p> <p>(18) Network Switch or Router that meets the following specs:</p> <ul style="list-style-type: none"> <li>(i) Standards: Draft 802.11n, 802.11g, 802.11b, 802.3, 802.3u</li> <li>(ii) Ports: Power, Internet, Ethernet</li> <li>(iii) Buttons: Reset, Wi-Fi Protected Setup</li> <li>(iv) LEDs: Ethernet (1-4), Wi-Fi Protected Setup, Wireless, Internet, Power</li> <li>(v) Cabling Type: CAT 5e</li> <li>(vi) # of Antennas: 1 or 2</li> <li>(vii) Detachable (Y/N): No</li> <li>(viii) RF Pwr (EIRP) in dBm: 14 dBm</li> <li>(ix) UPnP able/cert: Able</li> <li>(x) Security Features: WEP, WPA, WPA2</li> <li>(xi) Security Key Bits: 128-Bit, 256-Bit</li> </ul> <p>(19) Vendor shall arrive at the incident with the following supplies for number 15 and 16:</p> <ul style="list-style-type: none"> <li>(i) Large format plotter - two (2) full sets of ink and twenty (20) rolls of paper (a minimum of 5 rolls shall be a base weight of 24 lb. and a minimum length of 150' per roll);</li> <li>(ii) Color printer - two (2) full sets of printer cartridges and two (2) reams each of 8 1/2" x 11" and 11" x 17" paper (all paper shall contain a minimum of 30% recycled content);</li> <li>(iii) During the incident, all plotter and printer supplies consumed at the incident will be replenished by the incident or reimbursed to the vendor at the prices agreed to by the Contracting Officer and included in this agreement (see Exhibit J). The vendor and incident personnel will be responsible for taking an inventory of existing plotter and printer supplies. Agreed upon reimbursements will be added as an "Addition" to the OF-286, Emergency Equipment Use Invoice.</li> </ul> <p>(20) White board (minimum 2' x 3') with dry erase marker.</p> <p>(e) Satellite or High Speed Internet; including Service Provider: Internet capability (to establish a minimum level of service for satellite internet</p>
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		<p>access and is for government use only) is required. Air time is included in the daily rate.</p> <p>(1) The Daily Rate for the GIS unit must include all equipment, personnel, data transmission, air time, and any other costs associated with providing internet for the GIS Unit. If the incident requires services over and above those stated in this specification, an incident only EERA will be initiated by a warranted CO. Equipment shall be maintained in good repair by the Contractor.</p> <p>(2) KA System Minimum bandwidth: 5 Mbps Download speed, 1mbps Upload speed.</p> <p>(3) KU System Minimum bandwidth: 5 Mbps Download speed, 1mbps Upload speed.</p> <p>(4) Wireless 802.11 n/ac router with DHCP enabled; Minimum 4 LAN ports/ 1 WAN Port; Browser Administration enabled; Administrative username and password protected.</p> <p>(5) Minimum 4 Port POE 10/100 unmanaged ethernet switch.</p> <p>(6) Minimum 4 Port 100/1000 unmanaged ethernet switch.</p>
D.2.1.2	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
D.2.1.3	MAPS	<p>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 (the link is: <a href="http://www.nwcg.gov/pms/pubs/GSTOP7.pdf">http://www.nwcg.gov/pms/pubs/GSTOP7.pdf</a>).</p> <p>(a) Incident Action Plan (IAP) Map</p> <p>(b) Incident Briefing Map</p> <p>(c) Situations/Plans Map</p> <p>(d) Transportation Map</p> <p>(e) Facilities Map</p> <p>(f) Aviation Map</p> <p>(g) Progression Map</p> <p>(h) Ownership Map</p> <p>(i) Damage Assessment Map</p> <p>(j) Rehabilitation Map</p>
D.2.1.4	VEHICLE CONDITION	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.
D.2.1.5	UNIT RELOCATION	If requested by the Government, the contractor must be capable of relocating the unit at the incident within 4 hours or sooner at the discretion of the incident management team.
D.2.2	VEHICLE LICENSING REQUIREMENTS	D.2.2.1 -- 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)

		D.2.2.2 -- Prohibited Marking. Federal regulations prohibit the use of official agency shields or markings on private vehicles or property
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p> <p>(c) There will be no Double Shifts paid under this agreement. The Vendor will coordinate an acceptable schedule with incident personnel to meet the workload requirements of the incident</p>

## HEAVY EQUIPMENT

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain Heavy Equipment (dozers, excavators, and tractor plows) and transports for use on a local, regional and nationwide basis. 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. The resources may be used in the protection of lands, to include but not be limited to, severity, fire suppression, and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.
D.2.1.1.	EQUIPMENT TYPING	<p>(The typing on these tables is from lowest to highest horsepower.)</p> <p>(a) DOZERS</p> <p>Type 4 – Net HP Range 50 HP – 110 HP and Minimum Base Weight of 10,000 lbs.  Type 3 – Net HP Range 99 HP – 165 HP and Minimum Base Weight of 20,000 lbs.  Type 2 – Net HP Range 150 HP – 250 HP and Minimum Base Weight of 35,000 lbs.  Type 1 – Net HP Range 240 HP or greater and Minimum Base Weight of 60,000 lbs.</p> <ol style="list-style-type: none"> <li>(1) Manufacturer’s published rated net horsepower (HP). Horsepower rating taken at the flywheel with all the engine accessories installed not counting transmission losses or anything after the flywheel.</li> <li>(2) Manufacturer’s published base weight for dozer including equipped track width and blade configuration, equipment fluids, etc. If a published base weight is unavailable, a certified in-service weight shall be used.</li> <li>(3) Base operational weight is only used for typing. Final in-service dozer weight will be higher and include additional accessories such as winch, grapple, forestry package, etc. Final in-service dozer weight must be used when calculating hauler capacity, bridge weight limits, etc.</li> </ol> <p>(b) EXCAVATORS. Excavator typing is determined by both weight and horsepower criteria. If a machine has horsepower for a particular type but lacks the operating weight, it will default to the lower type (i.e. if a machine has a horsepower of 165 and operating weight of 48,000 pounds, it would be typed as a Type 2 machine due to operating weight.) Equipment will not be awarded under more than one type. Horsepower and weight data is based on manufacturer’s published specifications. If a published base weight is unavailable, a certified in-service weight shall be used.</p> <p>Type 4 – Min. 60 and Min. Operating Weight 15,000 lbs.  Type 3 – Min. 81 and 20,000 lbs.  Type 2 – Min. 111 and 30,000 lbs.  Type 1 – Min. 160 HP and 50,000 lbs.</p> <p>(c) TRACTOR PLOWS</p>

		<p>Type 3 - Min. 50 HP - 99 HP  Type 2 - Min. 100 HP - 199 HP</p> <p>(d) TRANSPORTS  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.</p>
D.2.1.2	EQUIPMENT REQUIREMENTS	<p>(a) All equipment shall have:</p> <p>(1) ROPS/FOPS/OPS. Meet all applicable Federal OSHA requirements under 29 CFR 1910.266 and all applicable OSHA requirements in states where the equipment is operated that have jurisdiction under an approved State Plan. For a list of states with approved OSHA state plans, go to <a href="https://www.osha.gov/dcsp/osp/index.html">https://www.osha.gov/dcsp/osp/index.html</a>. Selected Minimum Federal OSHA requirements for ROPS/FOPS/OPS (see CFR 1910.266 for complete list of requirements):</p> <p>(i) Each tractor, skidder, swing yarder, log stacker, log loader and mechanical felling device, such as tree shears or feller-buncher, placed into initial service after February 9, 1995, shall be equipped with falling object protective structure (FOPS) and/or rollover protective structure (ROPS). The employer shall replace FOPS or ROPS which have been removed from any machine. Exception: This requirement does not apply to machines which are capable of 360-degree rotation.</p> <p>(ii) Each machine manufactured after August 1, 1996, shall have ROPS tested, installed and maintained in accordance with the Society of Automotive Engineers SAE J1040, April 1988, "Performance Criteria for Rollover Protective Structures (ROPS) for Construction, Earthmoving, Forestry, and Mining Machines", which is incorporated by reference as specified in Sec. 1910.6.</p> <p>(iii) FOPS shall be installed, tested and maintained in accordance with the Society of Automotive Engineers SAE J231, January 1981, "Minimum Performance Criteria for Falling Object Protective Structures (FOPS)", which is incorporated by reference as specified in Sec. 1910.6.</p> <p>(iv) ROPS and FOPS shall meet the requirements of the Society of Automotive Engineers SAE J397, April 1988, "Deflection Limiting Volume-ROPS/FOPS Laboratory Evaluation", which is incorporated by reference as specified in Sec. 1910.6.</p> <p>(v.) Per 1910.266(f)(3)(vii), each machine manufactured after August 1, 1996, shall have a cab that is fully enclosed with mesh material with openings no greater than 2 inches (5.08 cm) at its least dimension. The cab may be enclosed with other material(s) where the employer demonstrates such material(s) provides equivalent protection and visibility. Exception: Equivalent visibility is not required for the lower portion of the cab where there are control panels or similar obstructions in the cab, or where visibility is not necessary for safe operation of the machine.</p>

		<p>(vi) Per 1910.266(f)(3)(viii), each machine manufactured on or before August 1, 1996 shall have a cab which meets the requirements specified in paragraph (f)(3)(vii) or a protective canopy for the operator which meets the following requirements:</p> <ul style="list-style-type: none"> <li>a. The protective canopy shall be constructed to protect the operator from injury due to falling trees, limbs, saplings or branches which might enter the compartment side areas and from snapping winch lines or other objects;</li> <li>b. The lower portion of the cab shall be fully enclosed with solid material, except at entrances, to prevent the operator from being injured from obstacles entering the cab;</li> <li>c. The upper rear portion of the cab shall be fully enclosed with open mesh material with openings of such size as to reject the entrance of an object larger than 2 inches in diameter. It shall provide maximum rearward visibility; and</li> <li>d. Open mesh shall be extended forward as far as possible from the rear corners of the cab sides so as to give the maximum protection against obstacles, branches, etc., entering the cab area.</li> </ul> <p>(vii) Deflectors shall be installed in front of each cab to deflect whipping saplings and branches. Deflectors shall be located so as not to impede visibility and access to the cab.</p> <p>(viii) Each machine cab shall have a second means of egress.</p> <p>(2) Note Road Graders are not required to meet logging safety standards. Factory enclosed cabs or open cabs with factory installed roll-over protection systems in place are acceptable on Road Graders</p> <p>(3) Note Per 1910.266(f)(3)(vii), equivalent protection means that the material must meet the same standards as wire mesh. Any machine cab meeting ISO 8084 or SAE 1084 fulfills this requirement.</p> <p>(4) Lighting (Minimum 2 rear, 2 forward). 360 degree swing machines require two forward. Factory equipped lighting must be operational. All attachments to the parent machine must be illuminated for night operations. Lights must be mounted to the equipment in such a way to provide protection from damage and provide illumination beyond the blade or working area.</p> <p>(5) Shovel</p> <p>(6) US Forest Service-qualified spark arrester on all naturally aspirated engines</p> <p>(7) All factory guards shall be in place and in functional condition (i.e. engine compartment) (applicable for heavy equipment)</p> <p>(8) Radiator protection (applicable for heavy equipment)</p> <p>(9) Seat belts</p> <p>(10) Flashlight</p> <p>(11) Water, 1 gal drinking</p> <p>(12) 5-person first aid kit</p> <p>(13) Personal Protective Equipment (PPE). Contractor shall be responsible for ensuring all personnel arrive at the incident with</p>
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		<p>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.</p> <p>(14) Backup Alarm. All vehicles under hire on this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p> <p>(15) All vehicles and equipment offered and under hire on this Agreement shall contain 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.</p> <p>(b) Contractor shall be responsible for ensuring that all personnel arrive with the following PPE:</p> <ul style="list-style-type: none"> <li>(1) 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).</li> <li>(2) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.</li> <li>(3) GLOVES: One pair of heavy-duty leather per person.</li> <li>(4) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).</li> <li>(5) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB. Earphones (headset) required with radio shall have built-in hearing protection.</li> <li>(6) HEAD LAMP: With batteries and attachment for hardhat.</li> <li>(7) FIRE SHELTER: The New Generation Fire Shelter is required.</li> <li>(8) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</li> </ul> <p>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.</p> <p>DOZERS –</p> <p>(a) In addition to D.2.1.2, dozers shall have:</p> <ul style="list-style-type: none"> <li>(1) Cable blades ARE NOT ACCEPTABLE. See D.23, Exhibit A for definition.</li> <li>(2) Winch Minimum Standards. (If equipped) <ul style="list-style-type: none"> <li>(i) All winches must be able to rescue the parent Dozer that it is mounted upon.</li> <li>(ii) Winches must have a minimum bare drum rating of the weight of the parent machine + 20% and be equipped with a minimum of 50 feet of cable or wire rope minimally rated at this cumulative weight.</li> </ul> </li> </ul>
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		<p>(3) Programmable Radio. One (1) handheld programmable radio. Radios must be capable of communicating within a minimum frequency range from 138 MHZ to 174 MHZ in the narrowband(12.5 KHz) mode on established Federal and state frequencies. Modified radios are not acceptable. Only radios listed on the National Interagency Fire Centers National Interagency Incident Communications Divisions website <a href="http://www.nifc.gov/NIICD/documents.html">http://www.nifc.gov/NIICD/documents.html</a> are approved. Inquiries for approved radios should be directed to:  Communications Duty Officer Phone: (877) 775-3451 (Toll Free)  Phone: (208) 387-5644 (Local)  FAX: (208) 387-5892  email: <a href="mailto:nifc.cdo@fs.fed.us">nifc.cdo@fs.fed.us</a></p> <p>TRACTOR PLOWS –</p> <p>(a) In addition to D.2.1.2, tractor plows shall have:</p> <p>(1) Drip Torch Carrier.</p> <p>(2) Hydraulic Angle Blade.</p> <p>(6) Plow - Minimum Standards. Plow Construction shall be compatible with Established Industry Design Principles. Plow Points and Discs shall be of sufficient size and quality to accomplish the construction of fireline under normal soil conditions.</p> <p>(i) Standard Pull Behind Plow</p> <ol style="list-style-type: none"> <li>1. Fesco/Mathis, brand name or equivalent</li> <li>2. Minimum Plow Width wing tip to wing tip of 60"</li> <li>3. Swivel Type Drawbar Coupling</li> <li>4. Minimum Plow Depth of 12"</li> <li>5. Quick Coupling System for Hydraulic lines</li> <li>6. Hydraulic cylinder to raise and lower plow</li> <li>7. Minimum of 20 Ply Tires</li> <li>8. Plow Disc Thickness is 3/8" min. on 20" disc</li> <li>9. 3/8" inch Thick Coulter Blade</li> </ol> <p>(ii) Swing Axle Pull Behind Plow</p> <ol style="list-style-type: none"> <li>1. Fesco/Mathis, brand name or equivalent</li> <li>2. Minimum Plow Width wing tip to wing tip of 60"</li> <li>3. Swivel Type Drawbar Coupling</li> <li>4. Minimum Plow Depth of 20"</li> <li>5. Quick Coupling System for Hydraulic lines</li> <li>6. Hydraulic cylinder to raise and lower plow</li> <li>7. Minimum of 20 Ply Tires</li> <li>8. Plow Disc Thickness is 3/8" min. on 20" disc</li> <li>9. 3/8" inch Thick Coulter Blade</li> </ol> <p>(iii) Rear Tractor Mounted Plow</p> <ol style="list-style-type: none"> <li>1. Fesco/Mathis, brand name or equivalent</li> <li>2. Minimum Plow Width wing tip to wing tip of 60"</li> <li>3. 3/8" inch Thick Coulter Blade</li> <li>4. 1 1/4" Spring Rods</li> <li>5. Hydraulic Cylinder for Depth Control</li> </ol> <p>(4) Programmable Radio. One (1) handheld programmable radio with a headset, boom microphone (mic), and push-to-talk (PTT) capability. A mobile radio may be utilized in the tractor plow cab as long as a handheld radio is also available.</p>
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		<p>(i) Radios must be capable of communicating within a minimum frequency range from 138 MHz to 174 MHz in the narrowband (12.5 KHz) mode on established Federal and state frequencies. Modified radios are not acceptable. Only radios listed on the National Interagency Fire Centers National Interagency Incident Communications Divisions website <a href="http://www.nifc.gov/NIICD/documents.html">http://www.nifc.gov/NIICD/documents.html</a> are approved. Inquiries for approved radios should be directed to:</p> <ul style="list-style-type: none"><li>Communications Duty Officer</li><li>Phone: (877) 775-3451 (Toll Free)</li><li>Phone: (208) 387-5644 (Local)</li><li>FAX: (208) 387-</li><li>email: <a href="mailto:nifc.cdo@fs.fed.us">nifc.cdo@fs.fed.us</a></li></ul> <p>(ii) Radio Headset.</p> <ol style="list-style-type: none"><li>1. Any radio used by an operator while the equipment is in operation shall utilize a headset with a boom mic (Field Support Services (<a href="http://www.helifire.com">www.helifire.com</a>) KS-H3440 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 operator's PPE (i.e. hardhat).</li><li>2. 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.</li><li>3. 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.</li><li>4. The headset shall utilize a radio PTT switch that activates the equipment's radio (such as the Field Support Services (<a href="http://www.helifire.com">www.helifire.com</a>) SPH-EPH-36 for B/K type radios or equivalent). The PTT switch should clip to the operators clothing.</li></ol> <p>(iii) Battery Packs. At least two fully charged battery packs per radio are required at the beginning of each shift. Contractor supplied batteries must operate the portable radio throughout the shift. It is highly recommended that all portable radios utilize an AA alkaline battery clamshell. A source of 115 VAC power may not be available for rechargeable batteries.</p> <p>(iv) Frequencies. The contractor shall be capable of programming incident frequencies into their radios. Frequencies may be installed by the Government at the incident. Contractor must comply with all National telecommunications and Information Administration (NTIA) rules and regulations on all Federal Agency incidents and with all Federal Communications Commission (FCC) rules and regulations on all State Agency incidents. Contractor shall not use Government assigned frequencies for other than performance under this contract. All Incident, Federal and State frequencies shall be removed prior to demobilization from the incident.</p>
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		<p>(2) 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.</p>
D.2.2	TRANSPORTATION	<p>(a) All vehicles offered and used under this Agreement shall be licensed and legally operable on all roads. All vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle inspection or b) current Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23) Contractors accepting out-of-state assignments shall ensure their offered vehicles are licensed for interstate travel and meet the commercial interstate vehicle requirements described by Federal Motor Carrier Safety Regulation (FMCSA) 390.5.</p> <p>(b) All vehicles and equipment 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 this solicitation. 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.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 POUNDS AND GREATER shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001 pounds and greater shall have a current medical card.</p> <p>(d) Brakes on all axles. All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder).</p> <p>(e) Backup Alarm. All equipment offered and under hire in this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p> <p>(f) The Contractor is responsible for transporting the heavy equipment to and from the incident.</p> <p>(g) Transports shall have current Department of Transportation (DOT) certification and be of sufficient and legal weight rating to transport the equipment. Contractor is responsible for:</p> <ul style="list-style-type: none"> <li>(1) Meeting all state and federal requirements, such as weight restrictions and hauling permits;</li> <li>(2) All special permits;</li> <li>(3) Providing all pilot cars when required by a permitting agency;</li> <li>(4) A valid fleet insurance policy information card issued by an insurer;</li> <li>(5) A valid insurance declaration page;</li> </ul>

		<p>(h) Equipment under the direction of incident management personnel may not be unloaded immediately. The Contractor is responsible for all costs associated with the transport until the equipment is unloaded and the transport is released. Once the heavy equipment is delivered and unloaded at the incident the transport is considered released. However, the transport may be retained at the incident for the sole purpose of transporting the equipment that was originally ordered. The transport will be paid, in accordance with D.21.8, the minimum daily guarantee or the mileage rate whichever is greater until the transport is released or until the equipment it transported becomes inoperable. Retained transports must be documented on the shift ticket. If the contractor elects to keep the transport at the incident location after it is released by the government, no payment will be made.</p> <p>IF THE TRANSPORT IS RETAINED BY THE INCIDENT FOR TRANSPORTING OTHER EQUIPMENT, THE COMPANY OWNING THE TRANSPORT MUST HAVE A VALID AGREEMENT, AND MUST BE ORDERED WITH A SEPARATE RESOURCE ORDER NUMBER. THE POINT OF HIRE WILL BE THE INCIDENT. THE RETAINED TRANSPORT USED IN THIS MANNER MUST MEET THE SPECIFICATIONS FOR TRANSPORTS DESCRIBED IN THIS AGREEMENT OR WITHIN CHAPTER 20 OF THE INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK..</p> <p>(i) For initial attack/severity, transport is required to remain with the equipment.</p> <p>(J) The transport may be inspected in accordance with D.17. Transports not passing this inspection will result in rejection of both the transport and heavy piece of equipment being hauled.</p>
D.2.2.1	TIRE REQUIREMENTS	Tires shall have load ratings 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. All wheel drive vehicles shall have all season or mud and snow tire tread on all wheels.
D.2.2.2	SPARE TIRE	All vehicles shall have a full-size spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.
D.2.2.3	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.3.1	TRAINING/EXPERIENCE	<p>(a) Each person under this Agreement shall meet the following minimum requirements:</p> <ul style="list-style-type: none"> <li>(1) RT-130 Annual Fireline Refresher including fire shelter.</li> <li>(2) Commercial Drivers License (for transports, when required).</li> <li>(3) 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.)</li> </ul> <p>(b) The government reserves the right to verify training at any time for all operators.</p>
D.21	PAYMENTS	(a) Payments will be made in accordance with D.21.8.

		<p>(b) When equipment is ordered for severity assignments, the following payment will be made:</p> <p>(c) Table D.21 - SEVERITY RATES</p> <hr/> <p>Severity is paid at 75% of the daily rate for 10 hours or less, excluding meal breaks. For greater than 10 hours, including travel time, the full daily rate applies</p> <hr/> <p>If a resource is mobilized to an incident within the 10 hour severity period the payment will revert to the full daily rate. If the mobilization occurs outside the 10 hour severity period they will be released from their severity assignment and the suppression rates will be applied under the first and last day language of the Agreement. In no case shall the daily rate be exceeded.</p> <hr/> <p>(1) Severity assignments are at the discretion of the Contractor to accept or reject. Rejecting a severity assignment will not effect placement on the priority list or preclude a Contractor from being offered a suppression assignment at full daily rate.  (2) Severity assignments often are not associated with a formal incident base camp or have meals and lodging provided. If a base camp is not established, RON (see D.21.5) may or may not be authorized and is at the Governments discretion.</p>
D.21.1	BRIEFINGS	All operators shall attend operational period briefings. This is included in the daily rate.
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) Heavy Equipment</p> <p>(1) 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.</p> <p>(2) 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.</p> <p>(3) The payment calculations included at D.21.8.1 do not address the situation when a piece of heavy equipment is hired for a Double Shift (DS) but there is only one operator to operate both the heavy equipment and transport in the second operational period. The following calculation will be used to calculate payment for the transport where the heavy equipment operator will be operating the transport for the DS, or second operational period (a hypothetical rate of \$1500 per day is being used in this sample calculation):</p> <p>1. Determine Transport Rate: \$1,500</p>

		<p>2. DS Rate (\$1,500 x 165%, or 1.65): \$2,475</p> <p>3. Per Shift Rate (\$2,475/2): \$1,237.50</p> <p>4. Single Operator Adjusted Rate (\$1,237.50 x 165%, or 1.65): \$2,041.875, rounded to \$2,041.88</p> <p>5. Transport Rate 24-hour operation: \$1,237.50 + \$804.38 = \$2,041.88, rounded to \$2,042</p> <p>(4) 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.</p> <p>(b) Transport - ONE OPERATOR FOR BOTH TRANSPORT AND HEAVY EQUIPMENT. Same Resource Order Number as Heavy Equipment.</p> <p>(1) MINIMUM DAILY GUARANTEE AND MILEAGE - Minimum guarantee for transports is reduced to 65%; the mileage rate is not reduced. For time under hire for 8 hours or more, the government will pay 65% of the minimum daily guarantee or mileage rate, whichever is greater. If a resource is under hire for less than 8 hours on the first or last day, the amount paid for that day will be 32.5% of the minimum daily guarantee or mileage rate, whichever is greater.</p> <p>(2) 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 reduced minimum daily guarantee (65%) as calculated at a. above (e.g., \$1000 daily rate x .65% x 165% = \$1072.50).</p> <p>(3) Transport is considered released once the heavy equipment is delivered and unloaded at the incident, unless one of the following exceptions apply:</p> <ul style="list-style-type: none"> <li>i. If approved by the government, the contractor may keep the transport at the incident, after it has been released, at no additional cost to the government</li> <li>ii. Incident may retain transport under hire for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or 65% of the minimum daily guarantee, whichever is greater will be paid until the transport is released. The decision to retain the transport must be documented on the shift ticket.</li> </ul> <p>(4) When the transport operator and heavy equipment operator are the same, payment calculation will be for the transport mileage to the incident and, at time of heavy equipment release, the transport mileage back to the point of hire.</p> <p>(c) Transport - SEPARATE TRANSPORT OPERATOR; include the name of the transport operator in the Remarks block (block 14) of the daily shift ticket. Same Resource Order Number as Heavy Equipment.</p> <p>(1) MINIMUM DAILY GUARANTEE AND MILEAGE - For time under hire for 8 hours or more, the government will pay the minimum daily guarantee or mileage rate, whichever is greater. If a resource</p>
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		<p>is under hire for less than 8 hours on the first or last day, the amount paid for that day will be 50% the minimum daily guarantee or mileage rate, whichever is greater.</p> <p>(2) 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 minimum daily guarantee as calculated at a. above (e.g., \$1000 daily rate x 165% = \$1650).</p> <p>(3) Transport is considered released once the heavy equipment is delivered and unloaded at the incident, unless one of the following exceptions apply:</p> <ul style="list-style-type: none"> <li>(i) If approved by the government, the contractor may keep the transport at the incident, after it has been released, at no additional cost to the government.</li> <li>(ii) Incident may retain transport under hire 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. The decision to retain the transport must be documented on the shift ticket.</li> <li>(iii) If transport is released after delivering the heavy equipment, payment will be made for the greater of the minimum daily guarantee or mileage for each calendar day the transport was under hire. Mileage will be paid based on round trip travel of transport calculated in accordance with D.6.5.2 and in compliance with D.21.8.1.2.</li> </ul> <p>(4) If transport is retained by the incident for transporting other equipment, the company owning the transport must have a separate agreement awarded under the heavy equipment solicitation. The transport must be ordered with a separate resource order number, point of hire will be at the incident. At no time will the transport be paid more than once for a single day. See 21.8.1.1, 4, for payment of Transports (Stand Alone).</p> <p>(d) Transports (Stand Alone) - ordered under a separate resource order number by Government to remain at the incident and transport other vendors equipment (see D.2 - TRANSPORTS).</p> <ul style="list-style-type: none"> <li>(1) 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.</li> <li>(2) 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.</li> </ul>
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		(3) MILEAGE - Payment shall be made for the mileage rate or minimum daily guarantee, whichever is greater.
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## HEAVY EQUIPMENT WITH WATER

D.2	SCOPE OF AGREEMENT	<p>The intent of this solicitation and any resultant Agreement is to obtain heavy equipment with water (skidgines, pumper cats, and softtracks) 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>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</p>
D.2.1.2	EQUIPMENT REQUIREMENTS	<p>(a) All equipment shall have:</p> <p>(1) Backup Alarm. All equipment offered and under hire in the agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p> <p>(2) 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. See Exhibit M.</p> <p>(3) 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.</p> <p>(i) In the case of Type 3 and 4 Skidgines; if the tank can be removed and the grapple can be used for skidding logs or breaking apart jack-pots of fuel and reattached to the parent machine within one hour then the machine can be listed as a drop-tank Skidgine. This is an attribute not given points.</p> <p>(4) Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. All tanks shall be equipped with at least one (1) longitudinal baffle regardless of width and one (1) transverse baffle. The distance between vertical tank walls and baffles, or between parallel baffles, shall not exceed 52". All baffles must cover 75% of the plane of the tank. 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 in lieu of conventional tank baffle partitions. 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.</p> <p>(5) Pump:</p>

		<p>(i) 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.</p> <p>(ii) 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.</p> <p>(iii) Foam, if equipment has foam capability (see also D.2.1.2.1).</p> <p>(A) All foam used shall be qualified in accordance with Forest Service Specification 5100-307a as amended. <a href="http://www.fs.fed.us/rm/fire/wfcs/documents/qpl_fm1.pdf">http://www.fs.fed.us/rm/fire/wfcs/documents/qpl_fm1.pdf</a>.</p> <p>(B) 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 foam concentrate will be replaced or the contractor will be reimbursed for the actual cost of the foam.</p> <p>(C) Foam that is used during any application of foam (CAFS or through a foam nozzle) will be replaced or reimbursed to the Contractor.</p> <p>(6) To be given credit for an attribute given points, 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.</p> <p>(7) Vendors are required to permanently mark their equipment inventory with vendor/company information. Acceptable markings shall be etched or engraved. Painting or marking the equipment with permanent markers is not acceptable. In addition, the vendor is to maintain a complete inventory list, including any extra items they may be carrying.</p> <p>(8) 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.</p> <p>(9) Approved spark arrester on all naturally aspirated engines</p> <p>(10) Seat belts</p> <p>(11) Flashlight</p> <p>(12) Water, 1 gal drinking</p> <p>(13) 5-person first aid kit</p> <p>(14) Personal Protective Equipment (PPE). 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.</p>
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		<p>Contractor shall be responsible for ensuring that all personnel arrive with the following PPE:</p> <ul style="list-style-type: none"> <li>(i) 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).</li> <li>(ii) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.</li> <li>(iii) GLOVES: One pair of heavy-duty leather per person.</li> <li>(iv) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).</li> <li>(v) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB. Earphones (headset) required with radios shall have built-in hearing protection.</li> <li>(vi) HEAD LAMP: With batteries and attachment for hardhat.</li> <li>(vii) FIRE SHELTER: New Generation Fire Shelter is required.</li> <li>(viii) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977. 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.</li> </ul> <p>(15) All equipment under this solicitation shall meet all applicable Federal OSHA requirements under 29 CFR 1910.266 and all applicable OSHA requirements in states where the equipment is operated that have jurisdiction under an approved State Plan. For a list of states with approved OSHA state plans, go to <a href="https://www.osha.gov/dcsp/osp/index.html">https://www.osha.gov/dcsp/osp/index.html</a>. Selected Minimum Federal OSHA requirements for ROPS/FOPS/OPS (see CFR 1910.266 for complete list of requirements):</p> <ul style="list-style-type: none"> <li>(i) Each tractor, skidder, swing yarder, log stacker, log loader and mechanical felling device, such as tree shears or feller-buncher, placed into initial service after February 9, 1995, shall be equipped with falling object protective structure (FOPS) and/or rollover protective structure (ROPS). The employer shall replace FOPS or ROPS which have been removed from any machine. Exception: This requirement does not apply to machines which are capable of 360 degree rotation.</li> <li>(ii) Each machine manufactured after August 1, 1996, shall have ROPS tested, installed and maintained in accordance with the Society of Automotive Engineers SAE J1040, April 1988, "Performance Criteria for Rollover Protective Structures (ROPS) for Construction, Earthmoving, Forestry, and Mining Machines", which is incorporated by reference as specified in Sec. 1910.6.</li> <li>(iii) FOPS shall be installed, tested and maintained in accordance with the Society of Automotive Engineers SAE J231, January 1981, "Minimum Performance Criteria for Falling Object Protective Structures (FOPS)", which is incorporated by reference as specified in Sec. 1910.6.</li> <li>(iv) ROPS and FOPS shall meet the requirements of the Society of Automotive Engineers SAE J397, April 1988, "Deflection</li> </ul>
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		<p>Limiting Volume-ROPS/FOPS Laboratory Evaluation", which is incorporated by reference as specified in Sec. 1910.6.</p> <p>(v) Per 1910.266(f)(3)(vii), each machine manufactured after August 1, 1996, shall have a cab that is fully enclosed with mesh material with openings no greater than 2 inches (5.08 cm) at its least dimension. The cab may be enclosed with other material(s) where the employer demonstrates such material(s) provides equivalent protection and visibility. Exception: Equivalent visibility is not required for the lower portion of the cab where there are control panels or similar obstructions in the cab, or where visibility is not necessary for safe operation of the machine.</p> <p>(vi) Per 1910.266(f)(3)(viii), each machine manufactured on or before August 1, 1996 shall have a cab which meets the requirements specified in paragraph (f)(3)(vii) or a protective canopy for the operator which meets the following requirements:</p> <ul style="list-style-type: none"> <li>(A) The protective canopy shall be constructed to protect the operator from injury due to falling trees, limbs, saplings or branches which might enter the compartment side areas and from snapping winch lines or other objects;</li> <li>(B) The lower portion of the cab shall be fully enclosed with solid material, except at entrances, to prevent the operator from being injured from obstacles entering the cab;</li> <li>(C) The upper rear portion of the cab shall be fully enclosed with open mesh material with openings of such size as to reject the entrance of an object larger than 2 inches in diameter. It shall provide maximum rearward visibility; and</li> <li>(D) Open mesh shall be extended forward as far as possible from the rear corners of the cab sides so as to give the maximum protection against obstacles, branches, etc., entering the cab area.</li> </ul> <p>(vii) Deflectors shall be installed in front of each cab to deflect whipping saplings and branches. Deflectors shall be located so as not to impede visibility and access to the cab.</p> <p>(viii) Each machine cab shall have a second means of egress. Note Per 1910.266(f)(3)(vii), equivalent protection means that the material must meet the same standards as wire mesh. Any machine cab meeting ISO 8084 or SAE 1084 fulfills this requirement.</p> <p>(16) Lighting (Minimum 2 rear, 2 forward). Factory equipped lighting must be operational. All attachments to the parent machine must be illuminated for night operations. Lights must be mounted to the equipment in such a way to provide protection from damage and provide illumination beyond the blade or working area.</p> <p>(17) Underbody protection (belly pan, rock guards unless not recommended by manufacturer).</p>
D.2.1.2.1	COMPRESSED AIR FOAM SYSTEM (CAFS)	(a) 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:

		<table border="1"> <thead> <tr> <th>Cubic Fee/Minute (CFM)</th> <th>CAFS Allowance With Pump and Roll HOURLY RATE</th> </tr> </thead> <tbody> <tr> <td>35-50 CFM @ 150 PSI</td> <td>\$25.00</td> </tr> <tr> <td>51-85 CFM @ 150 PSI</td> <td>\$41.00</td> </tr> <tr> <td>86-120 CFM @ 175 PSI</td> <td>\$55.00</td> </tr> <tr> <td>121-200 CFM @ 175 PSI</td> <td>\$69.00</td> </tr> <tr> <td>201+ CFM @ 200 PSI</td> <td>\$85.00</td> </tr> </tbody> </table> <p>(b) Criteria:</p> <ol style="list-style-type: none"> <li>(1) One GPM per one CFM MINIMUM water pump capacity at PSI rates required of the compressor.</li> <li>(2) Pump &amp; Roll 86+ CFM and above must have deck mounted cannon with stacked tips or adjustable tips.</li> <li>(3) Pump &amp; Roll equipment must be able to pump water and foam while moving.</li> <li>(4) CFM, GPM, PSI and foam flow gauges are required.</li> <li>(5) Must be capable of injection of foaming agent into the water line at variable controlled rates on discharge side of pump. (Be proportional)</li> <li>(6) System shall provide full foam delivery within 60 seconds after system is engaged.</li> <li>(7) Operator shall be experienced and knowledgeable of system operation, and be capable of demonstrating their ability to operate the system.</li> <li>(8) Payment shall be for hours of actual use of the CAF System in addition to the daily rate for the equipment.</li> <li>(9) All foam used shall be qualified in accordance with Forest Service Specification 5100-307a as amended. <a href="http://www.fs.fed.us/rm/fire/wfcs/documents/qpl_fm1.pdf">http://www.fs.fed.us/rm/fire/wfcs/documents/qpl_fm1.pdf</a></li> <li>(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 foam concentrate will be replaced or the contractor will be reimbursed for the actual cost of the foam.</li> <li>(11) Foam that is used during any application of foam (CAFS or through a foam nozzle) will be replaced or reimbursed to the Contractor.</li> </ol>	Cubic Fee/Minute (CFM)	CAFS Allowance With Pump 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
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201+ CFM @ 200 PSI	\$85.00													
D.2.1.2.2	SKIDGINES	<p>(a) In addition to D.2.1.2, skidgines shall have:</p> <ol style="list-style-type: none"> <li>(1) Skidgines - Tires shall have load ratings 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.</li> <li>(2) Drop Tank Skidgine (Detachable Tank) – A Skidgine with a water tank that has been engineered to be able to be removed from the parent machine and re-attached to the parent machine in one (1) hour or less. The parent machine must have a log grapple that is usable to pull logs or break apart jackpots of fuel when the tank is removed. Winch equipped Skidgines are excluded from this solicitation. Drop tanks be considered an attribute not given points (see D.6.2) and will be reviewed during the inspection process.</li> <li>(3) In addition to the requirements on the following table, all skidgines shall have the complements described in Exhibit M.</li> </ol>												

		<p>(b) MINIMUM STANDARDS SKIDGINES:</p> <table border="1"> <thead> <tr> <th>REQUIREMENTS</th> <th>TYPE 1</th> <th>TYPE 2</th> <th>TYPE 3</th> <th>TYPE 4</th> </tr> </thead> <tbody> <tr> <td>Tank Capacity (gallons)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Minimum</td> <td>1,200</td> <td>800</td> <td>400</td> <td>200</td> </tr> <tr> <td>    Maximum</td> <td>NONE</td> <td>1,199</td> <td>799</td> <td>399</td> </tr> <tr> <td>Pump Min Flow (gpm)</td> <td>50</td> <td>50</td> <td>30</td> <td>30</td> </tr> <tr> <td>@ rated pressured (psi)</td> <td>100</td> <td>100</td> <td>70</td> <td>70</td> </tr> <tr> <td>1" hard line w/ 3/4" inside diameter hose on reel</td> <td>150 feet</td> <td>150 feet</td> <td>150 feet</td> <td>150 feet</td> </tr> <tr> <td>1.5 inch linen hose</td> <td>300 feet</td> <td>300 feet</td> <td>-</td> <td>-</td> </tr> <tr> <td>1 inch linen hose</td> <td>300 feet</td> <td>300 feet</td> <td>200 feet</td> <td>200 feet</td> </tr> <tr> <td>Discharge Outlet</td> <td>1 1/2" NH</td> <td>1 1/2" NH</td> <td>1" NPSH</td> <td>1" NPSH</td> </tr> <tr> <td>Pump and Roll</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>Foam Proportioner System</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Winch</td> <td>Not Required</td> <td>Not Required</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Grapple</td> <td>Not Required</td> <td>Not Required</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Drop Tank w/ Grapple</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Personnel Required</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3	TYPE 4	Tank Capacity (gallons)					Minimum	1,200	800	400	200	Maximum	NONE	1,199	799	399	Pump Min Flow (gpm)	50	50	30	30	@ rated pressured (psi)	100	100	70	70	1" hard line w/ 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	Not Required	Not Required	Optional	Optional	Grapple	Not Required	Not Required	Optional	Optional	Drop Tank w/ Grapple	Optional	Optional	Optional	Optional	Personnel Required	1	1	1	1
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d.2.1.2.3	PUMPER CATS	<p>(a) In addition to D.2.1.2 and the requirements on the following table, all pumper cats shall have the complements described in Exhibit M.</p> <p>(b) MINIMUM STANDARDS PUMPER CATS:</p> <table border="1"> <thead> <tr> <th>REQUIREMENTS</th> <th>TYPE 1</th> <th>TYPE 2</th> <th>TYPE 3</th> </tr> </thead> <tbody> <tr> <td>Tank Capacity (gallons)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>    Minimum</td> <td>500</td> <td>300</td> <td>200</td> </tr> <tr> <td>Flywheel HP Range</td> <td>200</td> <td>100-199</td> <td>60-99</td> </tr> <tr> <td>Pump Min Flow (gpm)</td> <td>30</td> <td>30</td> <td>30</td> </tr> <tr> <td>@ rated pressured (psi)</td> <td>70</td> <td>70</td> <td>70</td> </tr> <tr> <td>1" hard line with 3/4" inside diameter hose on reel</td> <td>150 feet</td> <td>150 feet</td> <td>150 feet</td> </tr> <tr> <td>1 inch linen hose</td> <td>200 feet</td> <td>200 feet</td> <td>200 feet</td> </tr> <tr> <td>Discharge Outlet</td> <td>1" NPSH</td> <td>1" NPSH</td> <td>1" NPSH</td> </tr> <tr> <td>Pump and Roll</td> <td>Yes</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>Foam Proportioner System</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Winch</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Grapple</td> <td>Optional</td> <td>Optional</td> <td>Optional</td> </tr> <tr> <td>Personnel Required</td> <td>1</td> <td>1</td> <td>1</td> </tr> </tbody> </table>	REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3	Tank Capacity (gallons)				Minimum	500	300	200	Flywheel HP Range	200	100-199	60-99	Pump Min Flow (gpm)	30	30	30	@ rated pressured (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	Optional	Optional	Optional	Grapple	Optional	Optional	Optional	Personnel Required	1	1	1																								
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D.2.1.2.4	SOFTTRACKS	<p>(a) In addition to D.2.1.2, softtracks shall have:</p> <p>(1) Must be able to travel a minimum of 12 mph over flat ground.</p>																																																																																

		<p>(2) In addition to the requirements on the following table, all softtracks shall have the complements described in Exhibit M.</p> <p>(b) MINIMUM STANDARDS SOFTTRACKS:</p> <table border="1" data-bbox="764 321 1297 856"> <thead> <tr> <th>AREQUIREMENTS</th> <th>TYPE 1</th> </tr> </thead> <tbody> <tr> <td>Tank Capacity (gallons)</td> <td></td> </tr> <tr> <td>    Minimum</td> <td>600</td> </tr> <tr> <td>    Maximum</td> <td>NONE</td> </tr> <tr> <td>Flywheel HP Range</td> <td>170+</td> </tr> <tr> <td>Pump Min Flow (gpm)</td> <td>30</td> </tr> <tr> <td>@ rated pressured (psi)</td> <td>70</td> </tr> <tr> <td>1" hard line with 3/4" inside Diameter hose on reel</td> <td>150 feet</td> </tr> <tr> <td>1 inch linen hose</td> <td>200 feet</td> </tr> <tr> <td>Discharge Outlet</td> <td>1" NPSH</td> </tr> <tr> <td>Pump and Roll</td> <td>Yes</td> </tr> <tr> <td>Foam Proportioner System</td> <td>Optional</td> </tr> <tr> <td>Winch</td> <td>Optional</td> </tr> <tr> <td>Grapple</td> <td>Optional</td> </tr> <tr> <td>Personnel Required</td> <td>1</td> </tr> </tbody> </table>	AREQUIREMENTS	TYPE 1	Tank Capacity (gallons)		Minimum	600	Maximum	NONE	Flywheel HP Range	170+	Pump Min Flow (gpm)	30	@ rated pressured (psi)	70	1" hard line with 3/4" inside Diameter hose on reel	150 feet	1 inch linen hose	200 feet	Discharge Outlet	1" NPSH	Pump and Roll	Yes	Foam Proportioner System	Optional	Winch	Optional	Grapple	Optional	Personnel Required	1
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D.2.2	TRANSPORTATION	<p>(a) All equipment transports shall be licensed and legally operable on all roads. All transports 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). Contractors accepting out-of-state assignments shall ensure their offered vehicles are licensed for interstate travel and meet the commercial interstate vehicle requirements described by Federal Motor Carrier Safety Regulation (FMCSA) 390.5.</p> <p>(b) All vehicles and equipment 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 this solicitation. 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.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 POUNDS AND GREATER shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001 pounds and greater shall have a current medical card.</p> <p>(d) The Contractor is responsible for transporting the heavy equipment with water (skidgine, pumper cats, and softtracks) to and from the incident.</p> <p>(e) Transports shall have current Department of Transportation (DOT) certification and be of sufficient and legal weight rating to transport the equipment. Contractor is responsible for:</p> <p>(1) Meeting all state and federal requirements, such as weight restrictions and hauling permits;</p>																														

		<p>(2) All special permits;  (3) Providing all pilot cars when required by a permitting agency.</p> <p>(f) Equipment under the direction of incident management personnel may not be unloaded immediately. The Contractor is responsible for all costs associated with the transport until the equipment is unloaded and the transport is released. Once the heavy equipment is delivered and unloaded at the incident the transport is considered released. However, the transport may be retained at the incident for the sole purpose of transporting the equipment that was originally ordered. The transport will be paid, in accordance with D.21.8, the minimum daily guarantee or the mileage rate whichever is greater until the transport is released or until the equipment it transported becomes inoperable. Retained transports must be documented on the shift ticket. If the contractor elects to keep the transport at the incident location after it is released by the government, no payment will be made. IF THE TRANSPORT IS RETAINED BY THE INCIDENT FOR TRANSPORTING OTHER EQUIPMENT, THE COMPANY OWNING THE TRANSPORT MUST HAVE AN EXISTING AGREEMENT ISSUED UNDER THE HEAVY EQUIPMENT SOLICITATION, AND MUST BE ORDERED WITH A SEPARATE RESOURCE ORDER NUMBER. THE POINT OF HIRE WILL BE THE INCIDENT. FOR INITIAL ATTACK/SEVERITY, TRANSPORT IS REQUIRED TO REMAIN WITH THE EQUIPMENT.</p> <p>(g) For initial attack/severity, transport is required to remain with the equipment. The transport may be inspected in accordance with D.17. Transports not passing this inspection will result in rejection of both the transport and heavy piece of equipment being hauled.</p>
D.2.2.1	TIRE REQUIREMENTS	Tires shall have load ratings 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 for rear tires and 4/32 for steering axle tires. All wheel drive vehicles shall have all season or mud and snow tire tread on all wheels. For skidgines, see the specifications at D.2.1.2.2.
D.2.2.2	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.2.3	VEHICLE IDENTIFICATION	All equipment shall have the company's name and unique identification number affixed to the transport vehicle (not the piece of equipment). The company name and unique ID shall be on each Side of the cab.
D.2.2.4	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: <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.3.1	TRAINING/EXPERIENCE	(a) Each person employed by the Contractor under this Agreement shall meet the following minimum requirements, and be able to

		<p>provide evidence that employees meet the requirements upon request:</p> <ul style="list-style-type: none"> <li>(1) RT-130 Annual Fireline Refresher including fire shelter.</li> <li>(2) Commercial Driver's License (for equipment and transports, when required).</li> <li>(3) All operators shall be able to operate the equipment safely up to the manufacturer's limitations.</li> <li>(4) A State-issued Identification Card or License.</li> </ul> <p>(b) The government reserves the right to verify training at any time for all operators.</p>
D.3.1.1	SKIDGINE, PUMPER CAT AND SOFTTRACK STAFFING REQUIREMENTS	<p>The Contractor shall furnish skidgines, pumper cats, and softtracks, consisting of a minimum crew of one (1) person to include:</p> <ul style="list-style-type: none"> <li>Number of Personnel: 1 EACH</li> <li>Title: OPERATOR</li> <li>Equipment Types: ALL TYPES</li> </ul>
D.21	PAYMENTS	<p>(a) Payments will be made in accordance with D.21.8.</p> <p>(b) When equipment is ordered for severity assignments, the following payment will be made:</p> <p>(c) Table D.21 - SEVERITY RATES</p> <hr/> <p>Severity is paid at 75% of the daily rate for 10 hours or less, excluding meal breaks. For greater than 10 hours, including travel time, the full daily rate applies</p> <hr/> <p>If a resource is mobilized to an incident within the 10 hour severity period the payment will revert to the full daily rate. If the mobilization occurs outside the 10 hour severity period they will be released from their severity assignment and the suppression rates will be applied under the first and last day language of the Agreement. In no case shall the daily rate be exceeded.</p> <hr/> <p>(1) Severity assignments are at the discretion of the Contractor to accept or reject. Rejecting a severity assignment will not effect placement on the priority list or preclude a Contractor from being offered a suppression assignment at full daily rate.</p> <p>(2) Severity assignments often are not associated with a formal incident base camp or have meals and lodging provided. If a base camp is not established, RON (see D.21.5) may or may not be authorized and is at the Government's discretion.</p>
D.21.1	BRIEFINGS	<p>All operators shall attend operational period briefings. This is included in the daily rate.</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) Heavy Equipment with Water.</p> <ul style="list-style-type: none"> <li>(1) 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.</li> </ul>

		<p>(2) 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.</p> <p>(3) 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.</p> <p>(4) DOUBLE SHIFT/SINGLE OPERATOR in Second Shift. The payment calculations included at D.21.8.1 do not address the situation when a piece of heavy equipment is hired for a Double Shift (DS) but there is only one operator to operate both the heavy equipment and transport in the second operational period. The following calculation will be used to calculate payment for the transport where the heavy equipment operator will be operating the transport for the DS, or second operational period (a hypothetical rate of \$1500 per day is being used in this sample calculation):</p> <ul style="list-style-type: none"> <li>i. Determine Transport Rate: \$1,500 (hypothetical guarantee for transport)</li> <li>ii. Determine Double Shift Rate by multiplying the Transport Rate by the 165% factor: (<math>\\$1,500 \times 165\%</math>, or 1.65): \$2,475</li> <li>iii. Determine the Per Shift Rate by dividing the Double Shift Rate by two (2) [the number of operational periods]: (<math>\\$2,475/2</math>): \$1,237.50</li> <li>iv. Determine the Shift Rate for the 2nd Operational Period (with only one operator for the shift) by multiplying the Per Shift Rate by the 65% factor: (<math>\\$1,237.50 \times 65\%</math>): \$804.38</li> <li>v. Add the Per Shift Rate for the 1st Operational Period to the Per Shift Rate for the 2nd Operational Period to obtain the Double Shift Rate with Two Operators in the 1st Period and One Operator in the 2nd Operational Period: (<math>\\$1,237.50 + \\$804.38</math>) = \$2,041.88, rounded to \$2,042</li> </ul> <p>(b) TRANSPORT - ONE OPERATOR FOR BOTH TRANSPORT AND HEAVY EQUIPMENT. Same Resource Order Number as Heavy Equipment with Water.</p> <p>(1) MINIMUM DAILY GUARANTEE AND MILEAGE - Minimum guarantee for transports is reduced to 65%; the mileage rate is not reduced. For time under hire for 8 hours or more, the government will pay 65% of the minimum daily guarantee or mileage rate, whichever is greater. If a resource is under hire for less than 8 hours on the first or last day, the amount paid for that day will be 32.5% of the minimum daily guarantee or mileage rate, whichever is greater.</p> <p>(2) 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</p>
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		<p>resource order, authorize a second operator if needed during the assignment. Double shifts, when ordered, will be paid at 165% of the reduced minimum daily guarantee (65%) as calculated at a. above (e.g., \$1000 daily rate x .65% x 165% = \$1072.50). See D.21.8.1 (a)(3) above for situations when there is only one operator for the heavy equipment and the transport in the second operational period.</p> <p>(3) Transport is considered released once the heavy equipment is delivered and unloaded at the incident, unless one of the following exceptions apply:</p> <ul style="list-style-type: none"> <li>i. If approved by the government, the contractor may keep the transport at the incident, after it has been released, at no additional cost to the government.</li> <li>ii. Incident may retain transport under hire for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or 65% of the minimum daily guarantee, whichever is greater will be paid until the transport is released. The decision to retain the transport must be documented on the shift ticket.</li> </ul> <p>(4) When the transport operator and heavy equipment operator are the same, payment calculation will be for the transport mileage to the incident and, at time of heavy equipment release, the transport mileage back to the point of hire.</p> <p>(c) Transport - SEPARATE TRANSPORT OPERATOR; include the name of the transport operator in the Remarks block (block 14) of the daily shift ticket. Same Resource Order Number as Heavy Equipment with Water.</p> <p>(1) MINIMUM DAILY GUARANTEE AND MILEAGE - For time under hire for 8 hours or more, the government will pay the minimum daily guarantee or mileage rate, whichever is greater. If a resource is under hire for less than 8 hours on the first or last day, the amount paid for that day will be 50% the minimum daily guarantee or mileage rate, whichever is greater.</p> <p>(2) 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 minimum daily guarantee as calculated at a. above (e.g., \$1000 daily rate x 165% = \$1650). See D.21.8.1(a)(3) above for situations when there is only one operator for the heavy equipment and the transport in the second operational period.</p> <p>(3) Transport is considered released once the heavy equipment is delivered and unloaded at the incident, unless one of the following exceptions apply:</p> <ul style="list-style-type: none"> <li>(i) If approved by the government, the contractor may keep the transport at the incident, after it has been released, at no additional cost to the government.</li> <li>(ii) Incident may retain transport under hire for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or the minimum daily</li> </ul>
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		<p>guarantee, whichever is greater will be paid until the transport is released. The decision to retain the transport must be documented on the shift ticket.</p> <p>(iii) If transport is released after delivering the heavy equipment, payment will be made for the greater of the minimum daily guarantee or mileage for each calendar day the transport was under hire. Mileage will be paid based on round trip travel of transport calculated in accordance with D.6.5.2 and in compliance with D.21.8.1.2.</p> <p>(4) If transport is retained by the incident for transporting other equipment, the company owning the transport must have a separate agreement awarded under the heavy equipment solicitation. The transport must be ordered with a separate resource order number, point of hire will be at the incident. At no time will the transport be paid more than once for a single day. See 21.8.1.1, 4, for payment of Transports (Stand Alone).</p>
EXHIBIT J	ADVANTAGES	
EXHIBIT M	FORMS AND CHECKLISTS	<ol style="list-style-type: none"> <li>1) HEAVY EQUIPMENT WITH WATER Pre-Season Inspection Form</li> <li>2) Aftermarket Equipment Certification</li> <li>3) Manifest Form</li> </ol>

## HELICOPTER OPERATIONS SUPPORT UNIT

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this Agreement is to obtain Helicopter Operations Support Trailers for use on a local, Regional and Nationwide basis. The Contractor is responsible for all equipment, materials, supplies, transportation, lodging, personnel trained and/or certified to set up and/or demonstrate operation and/or repair the equipment, and supervision and management of those personnel, necessary to meet or exceed the Agreement specifications. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) The Unit shall arrive fully self-contained and be fully operable within 2 hours of arrival at the incident, unless otherwise negotiated.</p>
D.2.1.1	MINIMUM EQUIPMENT REQUIREMENTS	<p>(a) Helicopter Operations Support (HOS) Unit:</p> <p>(1) Unit: Minimum 26' length X 8' wide (maximum width of 8' 6"), excluding tongue. The minimum length (26') of the unit is intended to include all of that space as usable space by the Government. Any private room(s) that may be used by the contractor as personal or storage space shall not to be included in the 26' length of the unit. Two rooms with forced air to each room, separated by a door. The radio room shall be equipped with windows that provide a 180 (degree) minimum field of view of the helicopter operations area from a fixed (stationary) rotating seated position, with allowable obstructions in viewing area as defined below. This requirement is not permitted to be fulfilled by repositioning the seat or by walking around the radio room.</p> <p>(i) Front or rear-facing window(s) with a minimum height of 3 feet. The maximum distance from the interior corner of the unit to the closest window edge on each side of the unit shall not exceed 18 inches. If two windows are utilized to maintain the structural integrity of the unit, the maximum distance between window edges (distance between viewable portions) shall not exceed 6 inches.</p> <p>(ii) A side-facing window on each side of the radio room, each with a minimum size of 3 feet high by 4 feet wide. The maximum distance from the interior corner of the unit to the closest window edge on each side of the unit shall not exceed 18 inches (iii) Each window shall be equipped with a pull-down shade or mini blinds. Reflective shades and reflective window film is not allowed. An undamaged screen is required on any windows that can open.</p> <p>(2) Contractor to provide a technician capable of setting up and providing maintenance on the helicopter operations support unit and qualified to maintain and program provided equipment (i.e., radios, computers, etc.).</p> <p>(3) Air Conditioning Unit(s): Self-contained, climate controlled unit with air conditioning (air conditioned to maintain 70 to 75 F degree temperature in the unit).</p>

		<p>(4) Heating System: Commensurate with the internal dimensions, installed electric base board heaters or propane gas equivalent; no free standing heaters.</p> <p>(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 government but the cost for that fuel will be deducted from the vendors use invoice. Fuel supplied by the Government will be documented on the OF-304, Fuel and Oil Issue and copies of those fuel issues will be in the vendors use envelope).</p> <p>(6) If unit is configured as a trailer, it shall be equipped with trailer stabilizers.</p> <p>(7) Tool kit: Hand tool kit, for general use.</p> <p>(8) White boards: Three (3) each, 36" L X 24" H; one (1) installed in radio room and two (2) installed on each wall of the general work area room.</p> <p>(9) One (1) fax, copier, scanner, with two (2) reams of paper appropriate for the machine, for initial startup. One (1) high capacity printer (minimum 28 pages per minute).</p> <p>(10) Cork boards: Three (3) each: 36" L X 24" H; one (1) installed in radio room and two (2) installed on each wall of the general work area room.</p> <p>(11) Internal Lighting: Sufficient to provide adequate light for night time operations, refer to work station minimum requirements.</p> <p>(12) Exterior Lighting: Sufficient to provide adequate lighting for night time operations around the unit and briefing area.</p> <p>(13) Steps: No steep steps, access shall allow safe entry/exit from the unit.</p> <p>(14) Minimum of one (1), 15-knot wind sock. Wind sock must be able to rotate without touching any obstacles.</p> <p>(15) All vehicles/equipment offered and under hire on this Agreement shall contain a fire extinguisher, multi-purpose 2A 10BC, that is securely mounted to the vehicle/equipment and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</p> <p>(16) Self-propelled units are acceptable.</p>
D.2.1.2	WORK SPACE	<p>(a) Work Stations: Three (3) each desktop/countertop work stations in radio room, and 4 more in work area large (can be continuous counter tops), seven (7) rolling chairs shall be provided.</p> <p>(b) The minimum individual desk top work space provided shall be minimum 18" deep by 36" long, per each work station, rolling chairs for each work station.</p> <p>(c) A minimum of one (1) each AC lighting fixture over each work area (fiorescent lighting is acceptable).</p> <p>*NOTE: IF a unit is longer, then the work space provided should be commensurate with these minimum requirements for work space.</p>
D.2.1.3	ELECTRICAL POWER REQUIREMENTS	<p>(a) Minimum 120 Volt, 50 Amp AC service entrance with disconnect switch to master breaker.</p>

		<p>(b) AC receptacles at all work stations/areas.</p> <p>(c) One (1) each - 20 foot, 50 Amp, AC service extension cable.</p> <p>(d) AC - 3 pin Twist-Lock to standard 3 pin adapters (minimum 20 amp service).</p> <p>(e) Battery Backup: DC (battery) backup with a minimum of 100 AH capacity for initial start-up and power outages. Battery shall have capacity to power all radio equipment for at least one operational period (one shift).</p> <p>(1) Battery shall have a master disconnect or breaker switch.</p> <p>(2) Battery shall be physically isolated from work area for personnel safety.</p> <p>(3) Battery shall be a sealed, non-ventilating type, such as gel-cell.</p> <p>(f) Charging System: DC charging system to maintain battery backup. *NOTE: A second smaller generator may be substituted for battery back-up that will support all radio equipment.</p> <p>(g) Auxiliary Connection: Two (2) each Auxiliary 12 volt connection power points near radio equipment.</p> <p>(h) External Generator: One (1) each AC generator kit to include one (1) quiet style generator with a manufacturers decibel rating of no greater than 65dB at 23 feet, a minimum output capacity of 6,000 watts (6 kw), capable of running for one operational period without refilling for fuel. Generator shall be positioned away from the unit and have sound dampening material around it.</p>
D.2.1.4	RADIO AND ELECTRONIC EQUIPMENT	<p>All of the below equipment shall be in the radio room. All VHF-FM radios must be P25 digital compliant. See the following for a list of approved VHF-FM radios <a href="http://www.nifc.gov/NIICD/documents.html">http://www.nifc.gov/NIICD/documents.html</a>.</p> <p>(a) VHF-FM P25 Digital Base Station consisting of a minimum of three (3) VHF-FM mobile radios. Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. Programming instructions for user and computer programming will be available. Each radio will conform to the following requirements:</p> <p>(1) A P25 Digital VHF-FM two-way mobile radio, with a matched broadband antenna (Antenna Specialists ASPR7490, Maxrad MWB5803, or equivalent). The radio shall provide selection of analog narrowband (12.5 kHz), and P25 Digital narrowband (12.5 kHz), channel spacing on each channel operating from 138 MHz to 174 MHz. The radio shall be frequency-synthesized, equipped with a CTCSS sub-audible tone encoder having a minimum of 32 selectable tones meeting the current TIA/EIA-603 standard, and develop a minimum of 30 watts nominal output power.</p> <p>(2) Transceivers shall be set to operate in the analog narrowband mode unless local requirements dictate otherwise. All radios must have the ability to be programmed in the field by the radio</p>

		<p>operator without the aid of a computer or the services typically found in a radio shop.</p> <p>(b) UHF-FM Base Station: A minimum of two (2) UHF-FM mobile radios. The radio will operate from 406 to 420 MHz (minimum), have the capability for 10 (minimum) preset channels, provide a nominal power output of 30 watts minimum, and be user programmable without the need of a computer (although computer programming capability is also a requirement). Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. Programming instructions for user and computer programming will be available.</p> <p>(c) VHF-AM Base Station: A minimum of two (2) VHF-AM fixed radio(s) (mobile or base). The radio will operate from 118 to 137 MHz (minimum), provide a nominal power output of no more than 10 watts, and be user programmable without the need of a computer. Each radio will have a desk mic or handheld mic with a speaker providing sufficient adjustable volume to be heard in a noisy working environment. User programming instructions will be available.</p> <p>(d) All radio equipment shall be ready for immediate use upon arrival at the helibase, pending frequency programming.</p> <p>(e) The vendor shall provide a laptop, preloaded with radio programming software, and all hardware necessary to program those radios that are capable of programming channel information via a computer. This laptop is not intended to be used by agency personnel for any purpose other than programming vendor radios.</p> <p>(f) Two (2) VHF-AM portable radios. AM portable radios must operate over the 118 to 137 MHz frequency band and be field programmable (without the aid of a computer). Each radio will have two fully charged battery packs (AA battery clamshells are recommended) at the beginning of each shift.</p> <p>(g) Two (2) P25 digital VHF-FM portable radios.</p> <p>(1) A P25 Digital VHF-FM portable radio operating from 138 MHz to 174 MHz. The radio shall provide selection of analog narrowband (12.5 kHz), and P25 Digital narrowband (12.5 kHz) channel spacing on each channel. The radio shall be frequency-synthesized, equipped with a CTCSS sub-audible tone encoder having a minimum of 32 selectable tones meeting the current TIA/EIA-603 standard, and develop a minimum of 1 watt nominal output power but no more than 5 watts nominal output power. Modified or Family Service Radios (FSR) are not acceptable.</p> <p>(2) Transceivers shall be set to operate in the analog narrowband mode unless local requirements dictate otherwise. All radios must have the ability to be programmed in the field by the radio operator without the aid of a computer or the services typically found in a radio shop.</p> <p>(3) Each radio will have two fully charged battery packs (AA battery clamshells are recommended) at the beginning of each shift.</p>
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D.2.1.5	TELEPHONE/INTERNET SERVICES/ACCESS	<p>(a) One (1) each telephone service/customer entrance panel to accommodate a minimum of three (3) telephone lines within the unit.</p> <p>(b) One (1) RJ-66 block.</p> <p>(c) Four (4) pre-wired RJ-11 wall jacks connected to the RJ-66 block punch down block located at a central point where telephone service will enter the unit.</p> <p>(d) Four (4) pre-wired (with CAT 5E cable) RJ-45 wall jacks to be terminated at a central point where data will enter the unit and provide for a suitable location for the router.</p> <p>(e) Three (3) each telephone handsets. One near each work station or work area.</p> <p>(f) Satellite or High Speed Internet; including Service Provider: Internet capability (to establish a minimum level of service for satellite internet access and is for government use only) is required. Air time is included in the daily rate.</p> <p>(1) The Daily Rate for the HOS unit must include all equipment, personnel, data transmission, air time, and any other costs associated with providing internet for the HOS Unit. If the incident requires services over and above those stated in this specification, an incident only EERA will be initiated by a warranted CO. Equipment shall be maintained in good repair by the Contractor.</p> <p>(2) KA System Minimum bandwidth: 5 Mbps Download speed, 1mbps Upload speed.</p> <p>(3) KU System Minimum bandwidth: 5 Mbps Download speed, 1mbps Upload speed.</p> <p>(4) Wireless 802.11 n/ac router with DHCP enabled; Minimum 4 LAN ports/ 1 WAN Port; Browser Administration enabled; Administrative username and password protected.</p> <p>(5) Minimum 4 Port POE 10/100 unmanaged ethernet switch</p> <p>(6) Minimum 4 Port 100/1000 unmanaged ethernet switch</p> <p>(7) Vendor shall maintain daily logs of the total data usage for the internet service and this information shall be provided to the CO or the incident upon request.</p> <p>(g) Wireless LAN (recommended ports - 3).</p>
D.2.1.6	TRANSPORTATION VEHICLES	<p>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.</p>
D.2.1.7	RELOCATION OF UNIT	<p>If requested by the Government, the contractor must be capable of relocating the unit at the incident within 4 hours or sooner at the discretion of the incident management team.</p>
D.2.1.8	BIOBASED PRODUCTS	<p>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</p>

		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 <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.2.2	VEHICLE LICENSING REQUIREMENTS	<p>D.2.2.1 -- 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)</p> <p>D.2.2.2 -- Prohibited Marking. Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p> <p>(c) There will be no Double Shifts paid under this agreement. The Vendor will coordinate an acceptable schedule with incident personnel to meet the workload requirements of the incident.</p>

## MECHANIC WITH SERVICE TRUCK

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain the services of Mechanics with Service Trucks for use on a local, Regional and Nationwide basis. 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.
D.2.1	EQUIPMENT TYPING	(a) Resources provided under this agreement shall fall into one of two categories. Reference to Type 1 or Type 2 is no longer utilized to identify the Mechanic with Service Truck resources. The resources shall be identified, as follows: (1) Mechanic, Heavy: Heavy Equipment Mechanic with Service Truck Heavy Construction/Logging Equipment (examples may include dozer, excavator, grader). (2) Mechanic, Auto/Truck: Auto/Truck Mechanic with Service Truck Automotive, Light/Heavy Truck (Class 1-8), Inspection and Diagnostic Services (examples may include passenger vehicles, engines, water tenders).
D.2.2	CONTRACTOR PROVIDED EQUIPMENT	Resources provided under this agreement shall not exceed the manufacturers GVWR and GAWR when fully equipped. If changes to GVWR and or GAWR has occurred, the vendor must have a legible final stage manufacture certification affixed to the vehicle.
D.2.3	MINIMUM REQUIREMENTS	(a) All Service Trucks. All service trucks provided under this agreement shall meet and be equipped with the following minimum equipment requirements. (1) Charging/Starting System Analyzer (2) Arc welder - minimum 225 amp with air arc capability and industry acceptable repair electrodes (3) Code Reader (generic) (4) Oxy/Acetylene torch set with appropriate cutting and welding tips (5) Air Compressor - minimum of 120 PSI at 20 CFM with tank and appropriate accessories (6) 1/2", 3/4", & 1" drive impact wrenches and impact sockets to 3" (7) Hand tool set to accomplish normal field repairs on heavy construction equipment. (8) Jack stands - (2) 12 ton (9) Hydraulic Jacks – one 12 ton and one 20 ton (10) Vehicle or auxiliary powered portable lighting for field work (11) Jumper Cables - 20 ft. heavy duty 2 gauge minimum (12) Hazardous Material spill kit capable of containing and collecting a minimum of 10 gallons of spill (13) Miscellaneous drain pans (14) Combination Vise - minimum 4 1/2" jaw (15) Battery Tester (16) Volt/Ohm meter (17) 3/8" and 1/2" drill with bits from 1/16" through 3/4" (18) Fuel pressure testing kit

		<p>(19) Tap &amp; Die set to 1/8" through 1" fine and course thread  (20) Grinder 4" minimum  (21) Self-coontained brake and clutch bleeder system  (22) Knowledge and skills to perform hydraulic system repairs  (23) Onboard A/C power generator for operating electric equipment on the service truck  (24) Consumable goods (listed below)</p> <p>(b) Heavy Equipment Mechanic with Service Truck Additional Minimum Requirements. In addition to the requirements above for all service trucks, the Heavy Equipment Mechanic shall meet and be equipped with the following additional minimum equipment requirements.</p> <p>(1) 1" drive impact air operated wrenches and impact to 3" Metric (13mm through 75mm) and Standard (1/2" through 3") socket set kits  (2) Hydraulic pressure testing kit and knowledge and skills to perform hydraulic system repairs  (3) Mechanics Service Crane - Mounted to truck as required by manufacturer's instructions. Crane shall have a minimum allowable lift of 1,000 lbs. measured 10 feet horizontal from the pivot verified by manufacturer documentation or the crane capacity chart. An example of a crane capacity load chart is included in Exhibit K.</p>
D.2.4	CONSUMABLE GOODS	<p>(a) All mechanics shall provide the following consumable goods to enable the mechanic to operate independently for the first 24 hours and complete minor repairs. These consumables will not be replaced by the Government. Consumable parts shall be sorted by size and type in containers or trays.</p> <p>(1) Commonly used SAE and Metric Nuts and Bolts up to 1/2" x 3"  (2) Assorted electrical connections for commonly used wire sizes on all equipment  (3) Assorted sizes of electrical wire commonly found on all types of equipment  (4) Assorted common electrical fuses and bulbs.  (5) Assorted lubricants &amp; cleaners commonly used in the industry by field mechanics (e.g., WD-40, brake cleaner, silicone sealant).  (6) Assorted metal fasteners, machine screws, self-tapping up to #12 x 1 1/2"  (7) Commonly used air brake fittings up to 5/8"  (8) Shop towels  (9) Miscellaneous funnels</p>
D.2.2.1	PERSONAL PROTECTIVE EQUIPMENT	<p>(a) 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.</p> <p>(b) Contractor shall be responsible for ensuring that all personnel arrive with the following PPE:</p>

		<p>(1) <b>BOOTS:</b> All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not acceptable), to be worn if working near the fireline.</p> <p>(2) <b>HARD HAT:</b> Hardhat meeting NFPA Standard 1977 is required.</p> <p>(3) <b>GLOVES:</b> One pair of heavy-duty leather per person.</p> <p>(4) <b>CHAPS:</b> One pair, welding</p> <p>(5) <b>EYE PROTECTION:</b> One pair (meets standards ANSI Z87, latest edition).</p> <p>(6) <b>HEARING PROTECTION:</b> Use hearing protection whenever sound levels exceed 85 dB.</p> <p>(7) <b>HEAD LAMP:</b> With batteries and attachment for hardhat.</p> <p>(8) <b>FIRE SHELTER.</b> New Generation Fire Shelter is required.</p> <p>(9) <b>FLAME RESISTANT CLOTHING (Shirt and Pants).</b> A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</p> <p>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.</p>
D.2.3.1	TIRE REQUIREMENTS	Tires shall have load ratings 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 for rear tires and 4/32 for steering axle tires.
D.2.3.2	ADDITIONAL VEHICLE REQUIREMENTS	<p>All vehicles shall:</p> <p>(a) Meet all State Motor Vehicle Requirements.</p> <p>(b) Have a current Department of Transportation (DOT) or Commercial Vehicle Safety Alliance (CVSA) inspection.</p> <p>(c) All vehicles and equipment offered and under hire on this Agreement shall contain 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.</p> <p>(d) Backup Alarm. All vehicles and equipment under hire on this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p> <p>(e) Have reflectors, triangles, bi-directional (one set of 3);</p> <p>(e) Two wheel chocks (see Appendix A)</p> <p>(f) Shovel, minimum size #2 with 48" handle.</p>
D.2.3.3	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.4	WORK ORDERS	(a) The Contractor shall complete their standard commercial repair order form or the Incident Equipment Repair Order provided in Exhibit K to document work done on equipment. If the standard commercial

		<p>repair order form is used, the following information shall be included for each vehicle repaired:</p> <ul style="list-style-type: none"> <li>(1) Name/address/phone number of vehicle owner/representative</li> <li>(2) Incident Name/Number/E-Number</li> <li>(3) Equipment Description (include year, make, model, license number, serial number or vehicle identification no.)</li> <li>(4) Description of work performed</li> <li>(5) Breakdown of labor hours/parts and cost</li> <li>(6) Printed name/title and signature of vehicle owner/representative and mechanic</li> </ul>
D.3.1	TRAINING/EXPERIENCE	<p>(a) Each person under this Agreement shall meet the following minimum requirements:</p> <ul style="list-style-type: none"> <li>(1) Commercial Driver’s License (when required).</li> <li>(2) 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.)</li> <li>(4) RT-130 Annual Fireline Refresher including fire shelter.</li> </ul> <p>(b) Specific training/experience requirements by resource category.</p> <ul style="list-style-type: none"> <li>(1) Heavy Equipment Mechanic with Service Truck: Minimum 3 yrs. experience at the journeyman level on field repairs of heavy construction or logging equipment.</li> <li>(2) Auto/Truck Mechanic with Service Truck: Minimum 3 yrs. experience at the journeyman level on all classes of light and medium trucks.</li> </ul> <p>(c) DOT air brake qualifications (FMVCSA 49CFR 396.25)</p> <p>(d) The government reserves the right to verify training at any time for all operators.</p>
D.6.7	WORK/REST, LENGTH OF ASSIGNMENTS, AND CREW CHANGE OUT	<p>(a) Work/rest and length of assignment guidelines are in place to ensure the health and safety of employees. Contractors shall ensure that their personnel adhere to the work/rest guidelines (minimum 2:1 work to rest ratio (for every 2 hours of work or travel, provide 1 hour of sleep and/or rest within a 24-hour period)). Hours worked that exceed 16 hours in a 24-hour period must be approved by the IC or Agency Administrator. Documentation shall include mitigation measures used to reduce fatigue.</p> <p>(b) To mitigate exceeding length of assignment guidelines and manage the days of rest, the Government has the option to:</p> <ul style="list-style-type: none"> <li>(1) Release resources after a 14-day assignment or follow length of assignment extension guidelines as stated in Interagency Incident Business Management Handbook.</li> <li>(2) With the Government’s agreement, the contractor may choose to have their personnel remain at the incident base camp and not be placed on shift to allow proper rest. The time is not compensable when the Contractor is off shift in compliance with the length of assignment provisions. Refer to D.21.8.3(d).</li> </ul>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p>

		<p>(a) 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.</p> <p>(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.</p>
EXHIBIT J	ADVANTAGES	
EXHIBIT K	INCIDENT EQUIPMENT REPAIR ORDER	

## MISCELLANEOUS HEAVY EQUIPMENT

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain Miscellaneous Heavy Equipment (Feller Bunchers, Mulcher/Masticators, Road Graders, and Skidders) for use on a local, Regional and Nationwide basis. 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.
D.2.1	CONTRACTOR PROVIDED EQUIPMENT	Miscellaneous Heavy Equipment, including Feller Bunchers, Mulchers/Masticators. Boom or Strip Mulchers (aka Masticator or Slash Buster), Road Graders, and Skidders shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor.
D.2.1.1	MINIMUM EQUIPMENT REQUIREMENTS	<p>Feller Bunchers.</p> <p>Type 1 Feller Bunchers: 226+ HP Type 2 Feller Bunchers: 160-225 HP Specify Tracked or Rubber-Tired (Wheeled) plus minimum requirements.</p> <p>Mulchers/Masticators - Boom Mounted.</p> <p>Type 1 Mulcher/Masticator (Boom Mounted): 156+ HP Type 2 Mulcher/Masticator (Boom Mounted): 111-155 HP Type 3 Mulcher/Masticator (Boom Mounted): 81-110 HP Type 4 Mulchers/Masticator (Boom Mounted): 60-80 HP Boom mounted typing based on excavator HP.</p> <p>Strip Mulchers/Masticators.</p> <p>Type 1 Strip Mulcher/Masticator: 200-350 HP Type 2 Strip Mulcher/Masticator: 100-199 HP Type 3 Strip Mulcher/Masticator: 50-99 HP Specify Tracked or Rubber-Tired (Wheeled) plus minimum requirements. Tracked or Rubber tired mounted typing based on dozer HP.</p> <p>Road Graders.</p> <p>Type 1 Road Grader: 165+ HP Type 2 Road Grader: 120-164 HP 12 foot mold board minimum</p> <p>Skidders.</p> <p>Type 1 Skidder: 176+ HP Type 2 Skidder: 100 - 175 HP Type 3 Skidder: 60 - 99 HP Can be ordered with different grapple configurations or with winch line plus minimum requirements.</p> <p>(a) All equipment under this solicitation shall:</p> <p>(1) Meet all applicable Federal OSHA requirements under 29 CFR 1910.266 and all applicable OSHA requirements in states where the equipment is operated that have jurisdiction under an approved State Plan. For a list of states with approved OSHA state plans, go to</p>

		<p><a href="https://www.osha.gov/dcsp/osp/index.html">https://www.osha.gov/dcsp/osp/index.html</a>. Selected Minimum Federal OSHA requirements for ROPS/FOPS/OPS (see CFR 1910.266 for complete list of requirements):</p> <ul style="list-style-type: none"> <li>I. Each tractor, skidder, swing yarder, log stacker, log loader and mechanical felling device, such as tree shears or feller-buncher, placed into initial service after February 9, 1995, shall be equipped with falling object protective structure (FOPS) and/or rollover protective structure (ROPS). The employer shall replace FOPS or ROPS which have been removed from any machine. Exception: This requirement does not apply to machines which are capable of 360 degree rotation.</li> <li>ii. Each machine manufactured after August 1, 1996, shall have ROPS tested, installed and maintained in accordance with the Society of Automotive Engineers SAE J1040, April 1988, "Performance Criteria for Rollover Protective Structures (ROPS) for Construction, Earthmoving, Forestry, and Mining Machines", which is incorporated by reference as specified in Sec. 1910.6.</li> <li>iii. FOPS shall be installed, tested and maintained in accordance with the Society of Automotive Engineers SAE J231, January 1981, "Minimum Performance Criteria for Falling Object Protective Structures (FOPS)", which is incorporated by reference as specified in Sec. 1910.6.</li> <li>iv. ROPS and FOPS shall meet the requirements of the Society of Automotive Engineers SAE J397, April 1988, "Deflection Limiting Volume-ROPS/FOPS Laboratory Evaluation", which is incorporated by reference as specified in Sec. 1910.6.</li> <li>v. Per 1910.266(f)(3)(vii), each machine manufactured after August 1, 1996, shall have a cab that is fully enclosed with mesh material with openings no greater than 2 inches (5.08 cm) at its least dimension. The cab may be enclosed with other material(s) where the employer demonstrates such material(s) provides equivalent protection and visibility. Exception: Equivalent visibility is not required for the lower portion of the cab where there are control panels or similar obstructions in the cab, or where visibility is not necessary for safe operation of the machine.</li> <li>vi. Per 1910.266(f)(3)(viii), each machine manufactured on or before August 1, 1996 shall have a cab which meets the requirements specified in paragraph (f)(3)(vii) or a protective canopy for the operator which meets the following requirements: <ul style="list-style-type: none"> <li>a. The protective canopy shall be constructed to protect the operator from injury due to falling trees, limbs, saplings or branches which might enter the compartment side areas and from snapping winch lines or other objects;</li> <li>b. The lower portion of the cab shall be fully enclosed with solid material, except at entrances, to prevent the operator from being injured from obstacles entering the cab;</li> <li>c. The upper rear portion of the cab shall be fully enclosed with open mesh material with openings of such size as to reject the entrance of an object larger than 2 inches in diameter. It shall provide maximum rearward visibility; and</li> </ul> </li> </ul>
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		<p>d. Open mesh shall be extended forward as far as possible from the rear corners of the cab sides so as to give the maximum protection against obstacles, branches, etc., entering the cab area.</p> <p>vii. Deflectors shall be installed in front of each cab to deflect whipping saplings and branches. Deflectors shall be located so as not to impede visibility and access to the cab.</p> <p>viii. Each machine cab shall have a second means of egress.</p> <p>(2) Note Road Graders are not required to meet logging safety standards. Factory enclosed cabs or open cabs with factory installed roll-over protection systems in place are acceptable on Road Graders.</p> <p>(3) Note Per 1910.266(f)(3)(vii), equivalent protection means that the material must meet the same standards as wire mesh. Any machine cab meeting ISO 8084 or SAE 1084 fulfills this requirement.</p> <p>(4) Lighting (Minimum 2 rear, 2 forward). 360 degree swing machines such as Excavators/Feller Bunchers require two forward. Factory equipped lighting must be operational. All attachments to the parent machine must be illuminated for night operations. Lights must be mounted to the equipment in such a way to provide protection from damage and provide illumination beyond the blade or working area.</p> <p>(b) Additional requirements for the following equipment: [COs edit for resources that are being solicited for]</p> <p>Feller Bunchers.</p> <p>(1) All machines that use attachments that have potential for chain shot or cutting tooth damage to the operator area must have protective glazing (Polycarbonate) to protect the operator.</p> <p>Mulcher/Masticators Boom Mounted</p> <p>(1) All machines that use attachments that have potential for chain shot or cutting tooth damage to the operator area must have protective glazing (Polycarbonate) to protect the operator.</p> <p>Strip Mulcher/Masticator</p> <p>Road Graders.</p> <p>(1) Horsepower shall be rated as per factory specification for first and second gear.</p> <p>(2) Tire chains are not required to be mounted but must be available for use within the next operational period.</p> <p>Rubber Tired Skidders.</p> <p>(1) All Operators must be experienced in timber harvest procedures and capable of operating the machine up to the manufactures limitations.</p> <p>(2) Horsepower will be based upon the manufactures gross horsepower rating.</p> <p>(3) Tire chains are not required to be mounted but must be available for use within the next operational period.</p> <p>(c) Personal Protective Equipment (PPE). Contractor shall be responsible for ensuring all personnel arrive at the incident with the proper</p>
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		<p>Personal Protective Clothing and Equipment as prescribed in the agreement. Contractor shall be responsible for ensuring the PPE 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 PPE:</p> <ul style="list-style-type: none"> <li>(1) <b>BOOTS:</b> All Leather uppers, lace-up type, minimum of 8 inches high with lug type sole in good condition (steel toed boots are not acceptable).</li> <li>(2) <b>HARD HAT:</b> Hardhat meeting NFPA Standard 1977 is required.</li> <li>(3) <b>GLOVES:</b> One pair of heavy-duty leather per person.</li> <li>(4) <b>EYE PROTECTION:</b> One pair (meets standards ANSI Z87, latest edition).</li> <li>(5) <b>HEARING PROTECTION:</b> Use hearing protection whenever sound levels exceed 85 dB.</li> <li>(6) <b>HEAD LAMP:</b> With batteries and attachment for hardhat.</li> <li>(7) <b>FIRE SHELTER:</b> New Generation Fire Shelter is required.</li> <li>(8) <b>FLAME RESISTANT CLOTHING (Shirt and Pants).</b> A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</li> </ul> <p>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.</p>
D.2.2	VEHICLE REQUIREMENTS	<p>All vehicles and equipment offered and under hire on this Agreement shall contain 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.</p>
D.2.3	TRANSPORTATION	<p>(a) All vehicles offered and used under this Agreement shall be licensed and legally operable on all roads. All vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle inspection or b) current Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23) Contractors accepting out-of-state assignments shall ensure their offered vehicles are licensed for interstate travel and meet the commercial interstate vehicle requirements described by Federal Motor Carrier Safety Regulation (FMCSA) 390.5.</p> <p>(b) All vehicles and equipment 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 this solicitation. 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.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 POUNDS AND GREATER shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the</p>

		<p>state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001 pounds and greater shall have a current medical card.</p> <p>(d) Backup Alarm. All equipment offered and under hire in this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p> <p>(e) The Contractor is responsible for transporting the heavy equipment to and from the incident.</p> <p>(f) Transports shall have current Department of Transportation (DOT) certification and be of sufficient and legal weight rating to transport the equipment. Contractor is responsible for:</p> <ul style="list-style-type: none"> <li>(1) Meeting all state and federal requirements, such as weight restrictions and hauling permits;</li> <li>(2) All special permits;</li> <li>(3) Providing all pilot cars when required by a permitting agency.</li> </ul> <p>(g) Equipment under the direction of incident management personnel may not be unloaded immediately. The Contractor is responsible for all costs associated with the transport until the equipment is unloaded and the transport is released. Once the heavy equipment is delivered and unloaded at the incident the transport is considered released. However, the transport may be retained at the incident for the sole purpose of transporting the equipment that was originally ordered. The transport will be paid, in accordance with D.21.8, the minimum daily guarantee or the mileage rate whichever is greater until the transport is released or until the equipment it transported becomes inoperable. Retained transports must be documented on the shift ticket. If the contractor elects to keep the transport at the incident location after it is released by the government, no payment will be made.</p> <p>IF THE TRANSPORT IS RETAINED BY THE INCIDENT FOR TRANSPORTING OTHER EQUIPMENT, THE COMPANY OWNING THE TRANSPORT MUST HAVE AN EXISTING AGREEMENT ISSUED UNDER THE HEAVY EQUIPMENT SOLICITATION, AND MUST BE ORDERED WITH A SEPARATE RESOURCE ORDER NUMBER. THE POINT OF HIRE WILL BE THE INCIDENT.</p> <p>(h) For initial attack/severity, transport is required to remain with the equipment.</p> <p>(i)The transport may be inspected in accordance with D.17. Transports not passing this inspection will result in rejection of both the transport and heavy piece of equipment being hauled.</p>
D.2.4	BRAKES ON ALL AXLES	All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder).
D.2.5	TIRE REQUIREMENTS	(a) Tires shall have load ratings in accordance with the vehicle Gross Vehicle Weight Ratings (GVWR). All tires on the vehicles, which

		<p>including the spare tire, if required, shall have sound sidewalls, body and tire tread depth of a minimum of 6/32 for rear tires and 6/32 for steering axle tires. All wheel drive vehicles shall have all season or mud and snow tire tread on all wheels.</p> <p>(b) Spare Tire. All vehicles shall have a full size spare tire with minimum of 6/32 tread. The spare tire shall be easily accessible.</p>
D.2.6	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.7	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: <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.3.1	TRAINING/EXPERIENCE	<p>(a) Each person under this Agreement shall meet the following minimum requirements:</p> <ul style="list-style-type: none"> <li>(1) RT-130 Annual Fireline Refresher including fire shelter.</li> <li>(2) Commercial Drivers License (for transports, when required).</li> <li>(3) 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.)</li> </ul> <p>(b) The government reserves the right to verify training at any time for all operators.</p>
D.21	PAYMENTS	<p>(a) Payments will be made in accordance with D.21.8.</p> <p>(b) When equipment is ordered for severity assignments, the following payment will be made:</p> <p>(c) Table D.21 -- SEVERITY RATES</p> <hr/> <p>severity is paid at 75% of the daily rate for 10 hours or less, excluding meal breaks. For greater than 10 hours, including travel time, the full daily rate applies.</p> <hr/> <p>If a resource is mobilized to an incident within the 10 hour severity period the payment will revert to the full daily rate. If the mobilization occurs outside the 10 hour severity period they will be released from their severity assignment and the suppression rates will be applied under the first and last day language of the Agreement. In no case shall the daily rate be exceeded.</p> <hr/> <p>(1) Severity assignments are at the discretion of the Contractor to accept or reject. Rejecting a severity assignment will not effect placement on the priority list or preclude a Contractor from being offered a suppression assignment at full daily rate.</p> <p>(2) Severity assignments often are not associated with a formal incident base camp or have meals and lodging provided. If a base camp is not established, RON (see D.21.5) may or may not be authorized and is at the Governments discretion.</p>

D.21.1	BRIEFINGS	All operators shall attend operational period briefings. This is included in the daily rate.
D.21.8.1	RATES OF PAYMENT	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) Heavy Equipment</p> <p>(1) 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.</p> <p>(2) 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.</p> <p>(3) 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.</p> <p>(4) DOUBLE SHIFT/SINGLE OPERATOR in Second Shift. The payment calculations included at D.21.8.1 do not address the situation when a piece of heavy equipment is hired for a Double Shift (DS) but there is only one operator to operate both the heavy equipment and transport in the second operational period. The following calculation will be used to calculate payment for the transport where the heavy equipment operator will be operating the transport for the DS, or second operational period (a hypothetical rate of \$1500 per day is being used in this sample calculation):</p> <ul style="list-style-type: none"> <li>i. Determine Transport Rate: \$1,500 (hypothetical guarantee for transport)</li> <li>ii. Determine Double Shift Rate by multiplying the Transport Rate by the 165% factor: <math>(\\$1,500 \times 165\%) = \\$2,475</math></li> <li>iii. Determine the Per Shift Rate by dividing the Double Shift Rate by two (2) [the number of operational periods]: <math>(\\$2,475/2) = \\$1,237.50</math></li> <li>iv. Determine the Shift Rate for the 2nd Operational Period (with only one operator for the shift) by multiplying the Per Shift Rate by the 65% factor: <math>(\\$1,237.50 \times 65\%) = \\$804.38</math></li> <li>v. Add the Per Shift Rate for the 1st Operational Period to the Per Shift Rate for the 2nd Operational Period to obtain the Double Shift Rate with Two Operators in the 1st Operational Period and One Operator in the 2nd Operational Period: <math>(\\$1,237.50 + \\$804.38) = \\$2,041.88</math>, rounded up to \$2,042</li> </ul> <p>(b) Transport - ONE OPERATOR FOR BOTH TRANSPORT AND HEAVY EQUIPMENT. Same Resource Order Number as Heavy Equipment.</p> <p>(1) MINIMUM DAILY GUARANTEE AND MILEAGE - Minimum guarantee for transports is reduced to 65%; the mileage rate is not reduced. For time under hire for 8 hours or more, the government</p>

		<p>will pay 65% of the minimum daily guarantee or mileage rate, whichever is greater. If a resource is under hire for less than 8 hours on the first or last day, the amount paid for that day will be 32.5% of the minimum daily guarantee or mileage rate, whichever is greater.</p> <p>(2) 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 reduced minimum daily guarantee (65%) as calculated at a. above (e.g., \$1000 daily rate x 65% x 165% = \$1072.50).</p> <p>(3) Transport is considered released once the heavy equipment is delivered and unloaded at the incident, unless one of the following exceptions apply:</p> <ul style="list-style-type: none"> <li>i. If approved by the government, the contractor may keep the transport at the incident, after it has been released, at no additional cost to the government.</li> <li>ii. Incident may retain transport under hire for the sole purpose of transporting the heavy equipment that was originally ordered; the mileage rate or 65% of the minimum daily guarantee, whichever is greater will be paid until the transport is released. The decision to retain the transport must be documented on the shift ticket.</li> </ul> <p>(4) When the transport operator and heavy equipment operator are the same, payment calculation will be for the transport mileage to the incident and, at time of heavy equipment release, the transport mileage back to the point of hire.</p> <p>(c) Transport - SEPARATE TRANSPORT OPERATOR; include the name of the transport operator in the Remarks block (block 14) of the daily shift ticket. Same Resource Order Number as Heavy Equipment.</p> <p>(1) MINIMUM DAILY GUARANTEE AND MILEAGE - For time under hire for 8 hours or more, the government will pay the minimum daily guarantee or mileage rate, whichever is greater. If a resource is under hire for less than 8 hours on the first or last day, the amount paid for that day will be 50% the minimum daily guarantee or mileage rate, whichever is greater.</p> <p>(2) 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 minimum daily guarantee as calculated at a. above (e.g., \$1000 daily rate x 165% = \$1650).</p> <p>(3) Transport is considered released once the heavy equipment is delivered and unloaded at the incident, unless one of the following exceptions apply:</p>
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		<p>(i) If approved by the government, the contractor may keep the transport at the incident, after it has been released, at no additional cost to the government.</p> <p>(ii) Incident may retain transport under hire 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. The decision to retain the transport must be documented on the shift ticket.</p> <p>(iii) If transport is released after delivering the heavy equipment, payment will be made for the greater of the minimum daily guarantee or mileage for each calendar day the transport was under hire. Mileage will be paid based on round trip travel of transport calculated in accordance with D.6.5.2 and in compliance with D.21.8.1.2.</p> <p>(4) If transport is retained by the incident for transporting other equipment, the company owning the transport must have a separate agreement awarded under the heavy equipment solicitation. The transport must be ordered with a separate resource order number, point of hire will be at the incident. At no time will the transport be paid more than once for a single day. See 21.8.1.1, 4, for payment of Transports (Stand Alone).</p>
EXHIBIT M	MISCELLANEOUS HEAVY EQUIPMENT INSPECTION CHECKLIST	

**MOBILE LAUNDRY UNIT (Note: Not Solicited in the Great Basin)**

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain mobile 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) NOTE: DATA GATHERED FROM NUMEROUS INCIDENTS OF VARYING SIZES DURING THE 2008 FIRE SEASON ESTIMATES THAT THE VOLUME OF LAUNDRY ON INCIDENTS AVERAGES 0.8-1.0 POUNDS OF LAUNDRY PER DAY PER PERSON ASSIGNED TO THE INCIDENT.</p>
D.2.1.1	LAUNDRY UNITS	<p>(a) All laundry units shall be self-contained, including:</p> <ol style="list-style-type: none"> <li>(1) All necessary fuel and power (Contractor may acquire fuel from the Government at the Incident rate per gallon).</li> <li>(2) Generator, with a decibel rating no greater than 68 at 50 feet.</li> <li>(3) All vehicles offered and under hire on this Agreement shall contain a fire extinguisher, multipurpose 2A 10BC, that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</li> <li>(4) All operating supplies (detergents, clean laundry bags, identification tags, etc)</li> <li>(5) Continuous hot water supply, minimum 140 degree temperature</li> <li>(6) Minimum 2000 gallons storage each of grey water and potable water</li> <li>(7) Labor and equipment to transport, setup, maintain and operate the unit.</li> <li>(8) Synthetic Heavy Duty Commercial Grade Detergent shall be use.(fatty based soaps should not be used on Nomex)</li> <li>(9) Contractor may provide additional capability without an increase in the daily rate or payment of mobilization/demobilization (mileage) (Ref. D.21.8.3), or the government may order an additional unit from the dispatch priority list.</li> <li>(10) Equipment Marking. All bladder bags used for water storage 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 hoses used shall be labeled at both ends to identify their use (i.e. gray or potable).</li> </ol> <p>(b) TYPE 1: Additional requirements for Type 1 unit</p> <ol style="list-style-type: none"> <li>(1) Minimum production capability of 2500 pounds per day (Additional units may be provided by the Contractor to maintain production, (ref. D.21.8.3).</li> <li>(2) The ability to clean laundry from multiple personnel in single loads (i.e., net-bagged laundry).</li> </ol> <p>(c) TYPE 2: Additional requirements for Type 2 unit</p>

		(1) Minimum production capability of 1500 pounds per day (Additional units may be provided by the Contractor to maintain production, (ref. D.21.8.3).
D.2.1.2	SCALE	<p>(a) Analog or Digital readout with one half (0.5) pound or less graduations with 25 pounds minimum weighing capacity.</p> <p>(b) Basket with a minimum of capacity of 4680 cubic inches to facilitate the weighing of the laundry.</p> <p>(c) Scale platform must be designed to hold the basket in a stable fashion when loaded with laundry.</p> <p>(d) If not a commercially designed laundry scale with basket, scale must be calibrated to accommodate the tare weight of the basket.</p>
D.2.1.3	HANDLING OF NOMEX (FLAME RATARDANT CLOTHING)	<p>(a) Sort clothing to avoid staining of light-colored garments by dark-dyed garments. All Nomex shall be washed separately from all other clothing to prevent contamination from flammable lint.</p> <p>(b) Synthetic, heavy-duty laundry detergents are recommended for washing Nomex. Fatty-based soaps and chlorine bleach shall not be used.</p> <p>(c) Wash temperatures should be 140 degrees F, however wash temperatures up to 160 degrees F may be used for heavily soiled garments.</p> <p>(d) All loads of Nomex shall receive at least 2 rinse cycles to assure all detergents are removed.</p> <p>(e) Tumble dry at a medium or high temperature setting. To ensure maximum removal of wrinkles, tumble dryers should not be overloaded.</p> <p>(f) Bulk Nomex from the supply unit shall be sorted by sizes and bundled for return to the Supply Unit.</p> <p>(g) Special handling procedures for contaminated clothing (e.g., poison ivy, poison oak, poison sumac, etc.) may be required.</p> <p>(h) The following is a link to the DuPont Laundering Guide for Nomex: <a href="http://www2.dupont.com/Personal_Protection/en_US/assets/downloads/nomex/h71603launderingguidefornomexaramidfiber.pdf">http://www2.dupont.com/Personal_Protection/en_US/assets/downloads/nomex/h71603launderingguidefornomexaramidfiber.pdf</a></p>
D.2.1.4	RECEIPT AND RETURN OF LAUNDRY	<p>(a) Laundry shall be weighed dry upon receipt from the customer.</p> <p>(b) Contractor shall maintain a log documenting the customer's name, date and time the laundry was received, weight, and customer's signature, to help control loss and document turn around time. This log shall have a second signature block for the customer to sign upon receipt of the clean laundry.</p> <p>(c) Laundry is to be returned to the customer, folded and packaged.</p> <p>(d) After the first 48 hours at the incident, laundry must be completed and ready to return to the customer within 24 hours from time of receipt.</p> <p>(e) At a minimum, laundry facilities shall be open and available to accept laundry, every day, from 0500 - 1000 and from 1700 - 2200.</p>

D.2.1.5	GOVERNMENT PROVIDED SERVICES	The Government will provide a supply of potable water and the disposal of grey water.
D.2.1.6	MOBILIZATION AND DEMOBILIZATION	Mobilization and demobilization rate shall include all mobilization and demobilization expenses.
D.2.2	TRANSPORTATION	<p>(a) All vehicles offered and under hire on this Agreement shall be licensed and legally operable on all roads. All vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle inspection; or b) current Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23)</p> <p>(b) All 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 this solicitation. 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.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 pounds or greater shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001 pounds and greater shall have a current medical card.</p> <p>(d) Backup Alarm. All vehicles under hire on this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p>
D.2.3	BRAKES ON ALL AXLES	All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder).
D.2.4	TIRE REQUIREMENTS	<p>(a) Tires shall have load ratings in accordance with the vehicle Gross Vehicle Weight Ratings (GVWR). All tires on the vehicles, which include the spare tire, if required, shall have sound sidewalls, body and tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle tires. All wheel drive vehicles shall have all season or mud and snow tire tread on all wheels.</p> <p>(b) Spare Tire. All vehicles shall have a full size wheel mounted spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.</p>
D.2.5	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.6	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: <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.21.8.1	RATES OF PAYMENTS	Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:

		<p>(a) PAYMENT WILL BE MADE FOR THE DAILY RATE AND PRICE PER POUND.</p> <p>(1) 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.</p> <p>(2) WORK RATE</p> <p>(i) Per Pound - Payment will be made for actual pounds of laundry (rounded up to the nearest pound), processed by the Contractor.</p> <p>(ii) Mileage - Shall apply when equipment is under hire as ordered by the Government, and being mobilized/demobilized from an incident.</p>
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**PORTABLE TOILETS (Note: Not Solicited in the Great Basin)**

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation is to obtain the services described in D.1 Scope of Agreement for Local, Regional, and Nationwide fire suppression and all-hazard incidents.</p> <p>(b) The Blanket Purchase Agreements resulting from this Request for Quote (RFQ) may be used by multiple State and Federal wildland fire agencies.</p> <p>(c) Exhibit H contains requirements specific to the various State and Federal wildland fire agencies.</p>
D.2.1.1	PORTABLE TOILETS	<p>(a) Furnish standard size, industrial quality portable toilets and provide associated supplies and sanitary services. Portable units must meet all applicable federal, state, and local codes. Wheelchair accessible units must meet all appropriate accessibility standards. All units shall arrive, and be maintained in a clean and serviceable condition. In a serviceable condition means the toilet is ready to use. A Service Call fee WILL NOT be paid for the initial setup. Units shall include a wall mounted urinal, a bench style toilet with seat and cover, and hand sanitizer dispenser. All units shall contain a multi-roll lockable toilet paper dispenser which shall be filled on every service visit. Units shall provide separate and sufficient ventilation to both the unit and the waste reservoir. All units must contain a waste reservoir with a minimum capacity of 45 gallons. Contractor is responsible for maintaining units in clean, sanitary, and good working condition and free of objectionable odors. Service will be determined by the Government and/or Incident Management Team (e.g., what units will be serviced and schedule for servicing). All service calls will be paid in accordance with the "Service Call" pay item in D.21.8.1 and labeled as "Service Calls" on the resource category form. In addition, mileage to and from the incident for these Service Calls will be paid in accordance with the "Mileage" pay item in D.21.8.1 and labeled as "Mileage" on the resource category form. Service shall include removal and disposal of all waste in accordance with state and local law, as well as removal and disposal of trash in and around the unit, cleaning of the unit inside and out (units shall be clean and free of streaks and markings), repairing any damage, refilling with chemicals, stocking of toilet paper, hand cleaner and other consumables when applicable.</p> <p>(b) WHEELCHAIR ACCESSIBLE PORTABLE TOILETS shall meet the specifications stated above with the following exceptions or additions.</p> <ol style="list-style-type: none"> <li>(1) Urinals are not required in accessible units.</li> <li>(2) Units shall conform to ADA regulations for accessible portable toilets including an access ramp.</li> <li>(3) Holding tank shall be a minimum of 30 gallons for the accessible units</li> </ol>
D.2.1.2	HANDWASHING STATIONS	<p>(a) All units shall arrive, and be maintained in a clean and serviceable condition. In a serviceable condition means the handwashing station is ready to use. A Service Call fee WILL NOT be paid for the initial set up. Handwashing stations shall have a minimum of:</p> <ol style="list-style-type: none"> <li>(1) two basins with one foot operated pump per basin</li> </ol>

		<p>(2) a large basin with two spigots is acceptable as long as there is one foot operated pump per spigot</p> <p>(3) tank capacity shall hold not less than 20 gallons of potable water and 20 gallons of gray water</p> <p>(4) all fresh water tanks shall be sealed for personal hygiene</p> <p>(5) snap in gray water bladder bags are not acceptable</p> <p>(6) one soap dispenser and one paper towel dispenser for every two basins</p> <p>(7) paper towel dispenser filled with the appropriate towels for the unit</p> <p>(b) Service will be determined by the Government and/or Incident Management Team (e.g., what units will be serviced and schedule for servicing). All service calls will be paid in accordance with the "Service Call" pay item in D.21.8.1 and labeled as "Service Calls" on the resource category form. In addition, mileage to and from the incident for these Service Calls will be paid in accordance with the "Mileage" pay item in D.21.8.1 and labeled as "Mileage" on the resource category form. Service shall include removal and disposal of all waste in accordance with state and local law, as well as removal and disposal of trash in and around the unit, cleaning of the unit (units shall be clean and free of streaks and markings), repairing any damage, refilling with chemicals, stocking of paper towels and liquid soap. Contractor is responsible for gray water disposal for handwashing stations. The Government will provide the potable water. Service trucks for pumping black water from portable toilet units must have a separate hose and wand to service the handwashing station, and must meet all federal, state and local sanitation regulations.</p>
D.2.2	VEHICLE REQUIREMENTS	<p>All vehicles offered and under hire in this Agreement shall contain a fire extinguisher, multipurpose 2A 10BC, that is securely mounted to the vehicle and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</p>
D.2.3	TRANSPORTATION	<p>(a) All vehicles offered and under hire on this Agreement shall be licensed and legally operable on all roads. All vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have: a) annual USDOT certified vehicle inspection; or b) current Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23)</p> <p>(b) All 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 this solicitation. 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.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 pounds or greater shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001 pounds and greater shall have a current medical card.</p>

		(d) Backup Alarm. All vehicles under hire on this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.
D.2.4	BRAKES ON ALL AXLES	All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder).
D.2.5	TIRE REQUIREMENTS	<p>(a) Tires shall have load ratings in accordance with the vehicle Gross Vehicle Weight Ratings (GVWR). All tires on the vehicles, which include the spare tire, if required, shall have sound sidewalls, body and tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle tires. All wheel drive vehicles shall have all season or mud and snow tire tread on all wheels.</p> <p>(b) Spare Tire. All vehicles shall have a full size wheel mounted spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.</p>
D.2.6	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.7	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: <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(b) MILEAGE - Shall apply when equipment is under hire as ordered by the Government, and being delivered and picked up (round trip) to/from an incident. Only one round trip for the delivery and/or pickup fee will be paid per order of 20 portable toilets, portable handwashing stations, or wheelchair accessible portable toilets. The count of 20 will include any multiple of portable toilets, portable handwashing stations, or wheelchair accessible portable toilets (e.g., 20 portable toilets OR 18 portable toilets and 2 handwashing stations OR 18 portable toilets, 1 wheelchair accessible portable toilet, and 1 portable handwashing station). When there is a staggered release, mileage will be paid for each block of toilets released for the day. Here's an example of a release of 50 toilets over a 3-day period:</p> <p>(1) 30 toilets on the first day - Contractor will be paid for two round trips as they are required to deliver or pickup a minimum of 20 portable toilets (or combination of 20 portable toilets, portable handwashing stations, or wheelchair accessible portable toilets as stated above),</p>

		<p>(2) 10 toilets the next day - Contractor will be paid for one round trip,  (3) 10 toilets on the final day - Contractor will be paid for one round trip. ]</p> <p>Mileage will be paid for each service call. It is the intent of this solicitation that all units ordered for servicing would be serviced in the same Service Call trip, and the vendor would be paid for one round trip of mileage.</p> <p>(c) SERVICE CALL rate will be paid for service calls per unit, labeled as "Service Calls" in the Vendor Application. It is the intent of this solicitation that all units ordered for servicing would be serviced in the same Service Call trip. A Service Call fee WILL NOT be paid for the initial set up.</p> <p>(d) RELOCATION FEE is paid for EACH toilet that is relocated outside the camp area will be paid the amount specified on the schedule of items, if ordered by the incident. No payment will be made for relocation within Incident Base Camp.</p>
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## POTABLE AND GRAY WATER TRUCK/HANDWASHING STATION (TRAILER MOUNTED)

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain potable water trucks, gray water trucks, and trailer mounted handwashing stations for use on a local, regional and nationwide basis. 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. The resources may be used in the protection of lands, to include but not be limited to fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.
D.2.1.1	EQUIPMENT TYPING	<p>D.2.1.1.1 Potable Water/Gray Water Truck</p> <ul style="list-style-type: none"> <li>Type 1 - 4000+ gallons</li> <li>Type 2 - 2500-3999 gallons</li> <li>Type 3 - 1000-2499 gallons</li> <li>Type 4 - 400-999 gallons</li> </ul> <p>D.2.1.1.2 Handwashing Station (Trailer Mounted)</p> <ul style="list-style-type: none"> <li>Type 1 12+ sinks</li> <li>Type 2 8-11 sinks</li> </ul>
D.2.1.2.1	POTABLE WATER	<p>(a) Potable water tanks shall be:</p> <ol style="list-style-type: none"> <li>(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)</li> <li>(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. If required by the State or local health authority a seal or sticker provided by the issuing agency 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 or local health authority requirements. If inspection and certification of the tank is required by the State or local health authority but stickers are not provided, a copy of the certification shall be kept in the transport vehicle at all times. In addition, the carrier shall meet all laws and regulations for hauling on public roads. If the State does not do certification, then the hiring agency will be responsible for inspecting and ensuring the tank meets the following requirements.</li> <li>(3) Four Hundred (400) gallons capacity or greater and be made of non-toxic, non-corrodible/nonabsorbent materials or coated with non-toxic coatings National Safety Foundation (NSF) International</li> </ol>

		<p>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.</p> <p>(b) Tank Construction. Tanks shall be constructed to the following requirements at a minimum and meet all State requirements for certification compliance if the State has these established:</p> <p>(1) Openings: Hatches and other openings shall be completely covered and sealed with tight fitting coverings, permanently mounted food-grade gaskets, and security locks. Water inlets and outlets shall be equipped with threaded or clamped caps, tethered to the ports with chain or cable. Inlet and outlet caps shall be in place on all fittings except when water is being discharged or loaded.</p> <p>(2) Tank vents: Vents will be designed to prevent water contamination. Tanks shall be vented by a downward facing, or otherwise protected vent opening of a sufficient size to allow air to replace water as it is discharged. This opening shall be protected by an appropriate screen as required in the state that certifies the equipment.</p> <p>(3) If a State does not certify the equipment, the screen shall be made from non-toxic, nonabsorbent material.</p> <p>(4) Drain: Each potable water tank shall provide a means of drainage and, if it is equipped with a manhole, overflow, vent, or a device for measuring depth of water, provision shall be made to prevent entrance into the tank of any contaminating substance. No deck or sanitary drain or pipe carrying non-potable water or liquid shall be permitted to pass through the tank. A bottom drain shall be provided to facilitate complete discharge of water during sanitation procedures.</p> <p>(c) Tank Filling Mechanisms.</p> <p>(1) There shall be no backflow or cross connection between potable water systems and any other systems. Pipes and fittings conveying potable water to any fixture, apparatus, or equipment shall be installed in such a way to prevent backflow. Waste pipes from any part of the potable water system, including treatment devices, discharging to a drain, shall be suitably protected against backflow. Either of the following methods may be used:</p> <p>(i) An approved backflow prevention device complying with Uniform Plumbing Codes 603.3.1, 2, 3, 4, 5 and 8 such as acceptable double check valves on the direct filling connection to the tank. No connections shall be located between the tank and the check valve.</p> <p>(ii) Overhead filling through a hatch opening at the top of the tank; the filling spout must not be allowed to intrude into the tank further than two diameters of the filling pipe above the highest water level that is possible when the tank is filled. If an overhead filler pipe is mounted on the vehicle, when not being used for filling, this pipe shall be capped at each end with</p>
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		<p>threaded or clamped caps, and tethered to the fittings at the ends of the filler pipe.</p> <p>(2) Sanitary techniques must be observed in the water transfer operation. Care must be exercised to prevent foreign materials from entering the water. Since contamination could be present on the exterior surfaces of hoses or pipes, they must never be submerged in a receiving vessel. Adequate cleaning and sanitizing procedures shall be used on hauling vehicle(s) and associated equipment at the following times:</p> <ul style="list-style-type: none"> <li>(i) When the equipment is placed into service, or when it has been unused and stored in a sealed condition for a period of 4 weeks or more.</li> <li>(ii) When the filled or empty tank has been exposed by open or unsealed cover caps or fittings to any condition of possible contamination of the tank or contents, including contact with dust, smoke, rain, or chemical substances.</li> <li>(iii) When any fault or defect becomes apparent in the seals, vents, hatch doors, welds, valves, pipes, pumps, hoses or other equipment that may contaminate the water.</li> <li>(iv) When bacterial analysis of the water indicates presence of coliform bacteria.</li> </ul> <p>(d) Pumps.</p> <p>(1) The potable water pump shall have the capacity to transfer potable water a minimum of twenty (20) feet vertical.</p> <p>(2) Pumps shall be made of food-grade materials or materials meeting NSF International Standard 61. Only potable water/food-grade pumps which can be readily disassembled to demonstrate the condition of the impeller and impeller chamber shall be used. Internal pump water contact surfaces, including seals and bearings must be constructed from food grade materials or materials meeting NSF International Standard 61 and must be smooth, non-porous, and corrosion resistant. The contractor shall have available at all times the manufactures product data information that demonstrates the materials in the pump housing are made of food grade material or the pump is suitable for domestic, sanitary or potable water use.</p> <p>(3) Unacceptable Pumps: Any pump using non-food grade lubricant, seals or bearings; porous, pitted or corroded impellers or impeller chamber surfaces; cast iron pumps; petroleum lubricated pumps.</p> <p>(e) Hoses, Fittings, Valves and Similar Equipment.</p> <p>(1) Hoses, fittings, valves and similar equipment shall have a smooth interior surface made of food-grade standard materials or materials meeting NSF International Standard 61 shall be kept clean, disinfected and operated or handled in a manner that prevents contamination and capped or closed when not in use. Hoses shall be marked/labeled at each end "potable water". The use of galvanized pipes or fittings is prohibited.</p> <p>(2) The ends of all hoses shall be provided with threaded or clamped caps. Such caps shall be in place when hoses are not in use. Hoses in storage compartments must also be capped.</p> <p>(f) Operational Requirements and Bacterial Testing.</p>
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		<p>(1) Hauled water is vulnerable to increased handling, diversity of source, variability in hauling equipment, and shall not be stored in the vehicle for a period greater than one week. All hauling equipment must be clean and in good condition. In addition, all water-contact surfaces in hauling and storage facilities shall be disinfected prior to use.</p> <p>(2) All equipment surfaces intended for potable water contact, including source fill point equipment, containers, caps, tanks, hoses, valves, and fittings shall be inspected, washed, rinsed, sanitized, and replaced as often as necessary to effect and maintain sanitation of such surfaces. Procedures to be used are listed in Title 21, Code of Federal Regulations, Part 129.80. Disinfection needs to occur before being put in service, or when it has been unused and stored in a sealed condition after a period of 4 weeks or more, or after any food product has been hauled. Follow applicable State specifications/guidelines for disinfection of tanks either where the equipment was certified or to the standards where the equipment is going to be used if crossing state boundaries. When no applicable State specifications/guidelines for disinfection of tanks exist, at a minimum, the tank shall be thoroughly cleaned and disinfected. After 24 hours contact time with the disinfecting solution, the tank shall be drained and flushed with drinking water. Written procedures for equipment cleaning and sanitizing shall be maintained by the Contractor and shall be kept with the hauling vehicle at all times. These procedures shall include the names, amounts, and contact times of Cleaning and sanitizing agents to be used. The frequency of equipment cleaning and sanitizing must be tracked in a log to be kept with the vehicle at all times. A copy of the Contractors equipment cleaning and sanitizing procedures log shall be provided to the Contracting Officer or designated Government Representative upon request.</p> <p>(3) At a minimum or when required by the local jurisdiction or State Law one microbiological test for total coliform shall be performed within 2 established business days of the time of arrival at the incident at a certified laboratory. Contractor shall be responsible for all costs associated with the required microbiological test, which includes obtaining, delivering, and providing results to the Government. Sampling by the contractor must be performed to industry standards and to the standards required by the designated laboratory. The sample to be tested shall be obtained at the time of arrival at the incident. Where State-specific requirements have not been established, laboratory coliform test data must show that the water contains coliforms of less than 2.2 Most Probable Numbers (MPN)/100 ml (or "absence" if the presence/absence test is used). In addition, a test shall be performed on the first water load following any of the required sanitation procedures, whenever switching to a different water source and/or at least once every 30 days during months when water hauling is performed, and/or whenever such analysis is requested by state or local health authorities or Government representative. If the presence/absence (P&amp;A) test for the coliform analysis is used, then only negative (absence) results are acceptable. If a sample tests positive (presence), the Contractor shall take out of service, investigate the cause of the problem; take</p>
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		<p>corrective actions; resample/test the water; and notify the Incident Commander or designated Government Representative at the Incident. If the test data shows that the water contains more than 2.2 MPN/100 ml, the Contractor shall immediately take out of service; investigate the cause of the problem; take corrective actions; resample/test the water; and notify the Incident Commander or designated Government Representative at the Incident. The Contractor shall not haul water until the test shows that the water contains total coliform of less than 2.2 MPN/100 ml. Copies of the results of such tests shall be submitted to the Contracting Officer at the address indicated on the agreement or contract within seven calendar days after the end of the incident assignment. Test results shall clearly identify Contractor's name, address, and contract or agreement number on the report. Original laboratory test results shall be maintained by the Contractor and kept for at least 2 years pursuant to Title 21, Code of Federal Regulations, Part 129.80. Failure to comply with this requirement may result in the immediate cancellation or suspension of the Agreement. The Incident commander or designated Government Representative at the Incident with concurrence of the Contracting Officer will determine if/when the Contractor will be available for service.</p> <p>(4) Tank shall arrive empty for inspection unless requested otherwise by the incident.</p> <p>(5) Chlorine Residual: Contractors shall maintain a free chlorine residual level of 0.2 parts per million (ppm) up to 1.0 ppm at all times (1/3 cup of bleach that meets NSF standards to 1000 gallons water may achieve 1.0 ppm chlorine residual level). When residual levels drop below required levels the load shall be dumped and tank refilled.</p> <p>(6) Contractors shall have chlorine residual test kits available at all times and test for free chlorine residual levels when:</p> <ul style="list-style-type: none"> <li>(i) Loading drinking water for transport,</li> <li>(ii) After adding any disinfectant, if the addition of disinfectant is necessary;</li> <li>(iii) When unloading; and</li> <li>(iv) Every 24 hours the water is in use (provide with daily use documentation).</li> </ul> <p>(7) Maintain records of activities on board the vehicle showing water source location, dates, and times of loading, unloading, chlorine residual test results, cleaning/sanitizing, and other operational items as deemed necessary. Copies of bacterial analysis test results and all agreements, contracts, licenses, etc. shall be maintained on board the vehicle at all times. Contractor will provide copies of these records to the Incident Commander or designated Government Representative.</p> <p>(8) Failure of the contractor to perform the required testing at the times specified is grounds for immediate termination of an agreement.</p> <p>(g) Water Sources.</p> <p>(1) The host incident unit will designate the water source.</p>
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D.2.1.2.2	GRAY WATER	<p>(a) SERVICE TRUCKS FOR PUMPING BLACK WATER MAY NOT BE USED FOR SERVICING AND PUMPING GRAY WATER FROM WASH STATIONS UNITS, BLADDER BAGS, OR OTHER HOLDING TANKS. SERVICE TRUCKS THAT HAVE BEEN USED AS BLACK WATER SERVICE TRUCKS MAY BE USED UNDER THIS AGREEMENT IF THE VEHICLE TANKS HAVE BEEN CLEANSED AND SANITIZED AS DOCUMENTED BY THE VENDOR PRIOR TO PERFORMING GRAY WATER SERVICES. DOCUMENTATION OF THE SANITIZING PROCEDURES AND CLEANSING LOGS MUST BE IN THE VEHICLE AT ALL TIMES. GRAY WATER TRUCKS FOR INCIDENT SUPPORT ARE USED IN AREAS WITH HEAVY PERSONNEL TRAFFIC. THEREFORE, THE TANKS MUST BE SANITARY, WITH THE EXTERIOR AND INTERIOR CLEAN AND FREE FROM SPILLAGE, AS WELL AS ODOR FREE. Hoses and fittings and attachments that may have been used for black water disposal shall not be used for gray water disposal. Service trucks must have dedicated hoses for gray water disposal.</p> <p>NOTE: Due to health issues associated with gray water and possible exposure to humans as well as potential contamination to pump apparatus, trucks offered as Gray Water Trucks will not be awarded an agreement as a Water Tender. Vendors with both a Gray Water and a Water Tender agreement for the same truck will need to change out all plumbing, including tank(s), pump, plumbing and hoses/fittings as appropriate for the resource order or choose which resource they want to keep under agreement. The other resource agreement will be cancelled. Coordinate with the Contracting Officer(s) on which agreement you want to keep.</p>

		<p>(b) Tanks shall be constructed to the following requirements at a minimum and if established, meet all State requirements for certification compliance:</p> <ul style="list-style-type: none"> <li>(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.</li> <li>(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.</li> <li>(3) Tank shall be labeled "GRAY WATER" 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.</li> </ul> <p>(c) 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:</p> <ul style="list-style-type: none"> <li>(1) Vacuum pump system (Type GWV) Vacuum system that meets commercial vacuum truck specifications and requirements.</li> <li>(2) Pump system (Type GWP) Standard commercial pumping system.</li> </ul> <p>(d) 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.</p> <p>(e) 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. Hoses shall be marked/labeled "gray water" at each end. Hoses and fittings and attachments that may have been used for black water disposal shall not be used for gray water disposal. Service trucks must have dedicated hoses for gray water disposal.</p> <p>(f) 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.</p> <p>(g) State or Local Certifications:</p> <ul style="list-style-type: none"> <li>(1) Current State or Local Septic Tank, Cesspool, and Privy Cleaner License with counties listed where wastewater will be collected or equivalent for each state operating in.</li> <li>(2) Current State or Local Septic Tank, Cesspool, and Privy Cleaner Vehicle Inspection or equivalent for each state operating in.</li> </ul>
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		<p>(h) Dumping Sites. The host incident unit may designate the gray water dumping site; if not, the Contractor is required to identify an approved dumping site. The dumping site cost, if any, will be paid by the Government directly or by reimbursement to the gray water Contractor. A copy of the billing statement from the owner of the dumping site to the Contractor must be submitted to the Government if a Contractor requests reimbursement.</p>
<p>D.2.1.2.3</p>	<p>TRAILER MOUNTED HANDWASHING STATIONS</p>	<p>(a) Self-contained and mobile. The trailer mounted handwashing station must be self-contained, to include a power source or generator for lighting and heating of water. The contractor shall keep units cleaned and fully stocked with paper towels and phosphate-free liquid soap. If requested by the Government, the contractor must be capable of relocating the unit at the incident within 4 hours or sooner at the discretion of the incident command team.</p> <p>(b) Potable water shall be used for all wash basins, and comply with potable water truck standards listed above. The Government will provide the potable water.</p> <p>(c) Minimum 250 gallons of potable water storage. Bladder bags are not acceptable.</p> <p>(d) Wash Basins (Sinks).</p> <p>(1) Units shall have a minimum of 8 wash basins (sinks) and with a mirror for each sink, or one solid mirror of sufficient length and height which provides viewing at each sink.</p> <p>(2) All washbasins shall have adequate lighting for use of the wash basins in darkness.</p> <p>(3) Minimum 500-gallon storage of gray water. Gray water removal will be the responsibility of the Government.</p> <p>(4) Each wash basin (sink) shall provide hot and cold water, shall control gray water, and shall have a minimum of one liquid soap dispenser and one enclosed paper towel dispenser for every two sinks. Each wash basin (sink) shall also have the ability to hold water with built in or permanently attached stoppers.</p> <p>(5) Each wash basin shall have continuous water heating capable of maintaining up to 110 degrees F, as tested at the faucet. Each basin shall provide hot and cold water through a water mixing faucet. The faucet shall have manual user controls that allow for temperature control and the washing of both hands while the water is running. Water saving devices that require manual activation to achieve and maintain water flow, such as push button or automatic faucets, are not allowed.</p> <p>(6) Contractor shall make provisions to prevent incident personnel from standing in water puddles, or mud on the ground, adjacent to the sinks.</p> <p>(e) Equipment Marking.</p> <p>(1) All bladder bags used for gray water storage shall have the size and use labeled on them in a conspicuous place in letters and</p>

		<p>numbers no less than 4 inches in height, (for example: 500 Gallons Gray Water).</p> <p>(2) All hoses used shall be labeled at both ends to identify their use (i.e. gray or potable).</p> <p>(f) Inspection and Testing.</p> <p>(1) Refer to and follow the Operational Requirements and Bacterial Testing requirements at D.2.1.2.1 (f) in the Potable Water specifications.</p>
D.2.1.2.4	POTABLE AND GRAY WATER VEHICLE REQUIREMENTS	<p>All potable water and gray water vehicles shall have:</p> <p>(a) 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.</p> <p>(b) Approved spark arrester on all naturally aspirated engines.</p> <p>(c) Seat belts.</p> <p>(d) Flashlight.</p>
D.2.1.2.5	POTABLE AND GRAY WATER WEIGHT	<p>No potable or gray water truck shall exceed the manufacturer's GVWR or Gross Axle Weight Rating (GAWR) per axle when the vehicle is fully loaded and equipped. 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 at the pre-season and incident inspections. Only a written verifiable GVWR from the manufacturer or final stage manufacturer will be accepted. Vehicles without GVWR and GAWR ratings will be rejected at the pre-award inspection and will have to reschedule another regular inspection time and/or location when certification is acquired.</p> <p>(a) Tanks which exceed the GVWR or GAWR of the vehicle when fully loaded shall have a site gauge (does not apply to vacuum trucks) which shows the amount of water that can be contained in the tank to meet the manufacturer's GVWR and GAWR (temporary fillers or spacers not allowed). Tank capacity shall be permanently modified to meet manufacturer's GVWR and GAWR and overflow devices shall not be allowed after January 1, 2010.</p>
D.2.2	TRANSPORTATION	<p>(a) All vehicles offered and under hire on this Agreement shall be licensed and legally operable on all roads. All vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,001 pounds and greater shall have:</p> <p>a) annual USDOT certified vehicle inspection; or b) current Commercial Vehicle Safety Alliance Inspection. (49 CFR 396.23)</p> <p>(b) All 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 this solicitation. All vehicles under this Agreement shall be able to be legally</p>

		<p>driven on highways under their own power and be able to travel at a minimum of 50 miles an hour.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 pounds or greater shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the state in which operator is licensed. Operators of any motor vehicle having a GVWR of 10,001 pounds and greater shall have a current medical card.</p> <p>(e) Backup Alarm. All vehicles under hire on this Agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994</p>
D.2.3	BRAKES ON ALL AXLES	All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder).
D.2.4	TIRE REQUIREMENTS	<p>(a) Tires shall have load ratings in accordance with the vehicle Gross Vehicle Weight Ratings (GVWR). All tires on the vehicles, which include the spare tire, if required, shall have sound sidewalls, body and tire tread depth of a minimum of 2/32 for rear tires and 4/32 for steering axle tires. All wheel drive vehicles shall have all season or mud and snow tire tread on all wheels.</p> <p>(b) Spare Tire. All vehicles shall have a full size wheel mounted spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.</p>
D.2.5	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.6	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: <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a> .
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) There will be no Double Shifts paid under this agreement. Agency personnel at the Section Chief level may, by resource order, authorize additional operators if needed during the assignment. Additional operators, when ordered will be paid a daily rate of \$400 per operator.</p> <p>(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.</p> <p>(c) 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</p>

		COMPUTATION WILL START OVER AFTER EACH 7 DAY PERIOD AND AFTER THE 30TH DAY FOR ANY PERIOD OF TIME UNDER HIRE.
EXHIBIT J	ADVANTAGES	

## REFRIGERATED TRAILER

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain refrigerated trailer units for use on a local, Regional and Nationwide basis. The Contractor is responsible for all equipment, and transportation to/from incident, necessary to meet or exceed the Agreement specifications. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.
D.2.1	CONTRACTOR PROVIDED EQUIPMENT	<p>(a) Mechanical Refrigeration Unit.</p> <p>(b) Diesel powered unit is required; propane units are not acceptable.</p> <p>(c) Automatic low fuel shutdown.</p> <p>(d) Trailer shall be well insulated.</p> <p>(e) All gaskets around openings shall be in good working order and provide proper seal to prevent passage of air into the unit from outside sources to the extent possible.</p> <p>(f) The exterior of the trailer shall be free of defects (dents and openings) that would compromise the ability of the refrigeration unit to properly cool the stored products.</p> <p>(g) All entrances shall have OSHA approved steps with platform at top that is level with the doorway. Top landing shall be wide enough to allow for the door to swing open and provide an additional 20" for personnel to be on the landing when the door swings open.</p> <p>(h) Refrigeration unit shall be delivered with a full tank of fuel. The government shall be responsible for providing operating fuel after delivery to the incident. The government is not obligated to return the refrigeration unit with a full tank of fuel, nor will the contractor be reimbursed for any refueling after the refrigeration unit has been demobilized.</p> <p>(i) Refrigeration unit will be equipped with auto restart and noise control.</p> <p>(j) Decibel rating shall be no greater than 68 at 50 feet.</p> <p>(k) Trailers without landing gear must be stable for all types of loading.</p> <p>(l) The trailer shall be delivered to the incident with the interior of the trailer clean, sanitary and free of debris and odor. All floor drains shall be open and free of debris.</p> <p>(m) At a minimum, the refrigeration unit shall be capable of maintaining stored food at a temperature of 41 degrees Fahrenheit or lower and provide freezer storage space capable of maintaining frozen food at 0</p>

		<p>degrees Fahrenheit, and provide a movable partition to separate these two areas.</p> <p>(n) Unit shall arrive at incident at a temperature of 41 degrees.</p> <p>(o) Refrigeration and freezer storage units shall be equipped with a thermometer that is equivalent to a "min/max" type or a "continuous graphing" type placed no further than 8 feet from the entrance being used. Refrigeration and freezer storage units containing temperature indicators attached to the outside of the unit must clearly provide a temperature reading of the inside of the unit no further than 8 feet from the entrance</p> <p>(p) TRAILER TYPING TABLE AND SPECIFICATIONS:</p> <table border="1"> <thead> <tr> <th>Attribute</th> <th>Type1</th> <th>Type2</th> <th>Type3</th> </tr> </thead> <tbody> <tr> <td>Overall Length</td> <td>43+ feet</td> <td>29' thru 42'</td> <td>24' thru 28'</td> </tr> <tr> <td>Overall Width</td> <td>102"</td> <td>102"</td> <td>102"</td> </tr> <tr> <td>Overall Height</td> <td>13'6"</td> <td>13'6"</td> <td>13'6"</td> </tr> <tr> <td>Coupler Height</td> <td>47"</td> <td>47"</td> <td>47"</td> </tr> <tr> <td>Dock Height</td> <td>51 ½"</td> <td>51 ½"</td> <td>51 ½"</td> </tr> <tr> <td>Kingpin Setting</td> <td>36"</td> <td>36"</td> <td>36"</td> </tr> <tr> <td>Fuel Tank</td> <td>50 gal min</td> <td>50 gal min</td> <td>50 gal min</td> </tr> <tr> <td>Scuff</td> <td>6" min</td> <td>6" min</td> <td>6" min</td> </tr> <tr> <td>Landing Gear</td> <td>AAR Cert</td> <td>AAR Cert</td> <td>AAR Cert</td> </tr> </tbody> </table> <p>*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.</p>	Attribute	Type1	Type2	Type3	Overall Length	43+ feet	29' thru 42'	24' thru 28'	Overall Width	102"	102"	102"	Overall Height	13'6"	13'6"	13'6"	Coupler Height	47"	47"	47"	Dock Height	51 ½"	51 ½"	51 ½"	Kingpin Setting	36"	36"	36"	Fuel Tank	50 gal min	50 gal min	50 gal min	Scuff	6" min	6" min	6" min	Landing Gear	AAR Cert	AAR Cert	AAR Cert
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D.2.1.1	TRANSPORTATION VEHICLES	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.																																								
D.2.1.3	MOBILIZATION AND DEMOBILIZATION	Mobilization and demobilization rate should include all mobilization and demobilization expenses, including setup/takedown.																																								
D.2.2.1	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) greater than 10,001 pounds shall have: a) US Department of Transportation (USDOT) number; and b) annual USDOT certified vehicle inspection; or c) Commercial Motor Vehicle Safety Alliance Inspection. (49 CFR396.23)																																								
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D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p> <p>(c) 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.</p>
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## TENT

D.1	SCOPE OF AGREEMENT	The intent of this solicitation and any resultant Agreement is to obtain Canopy and Tent resources that are compliant with the minimum requirements in this agreement. These requirements may be used on a local, Regional and Nationwide basis. The Contractor is responsible for all equipment, materials, supplies, accessories, transportation to/from incident, trained/certified personnel, lodging except if reimbursable under D.21.5 Remain Overnight Allowance (RON), supervision and management of personnel, and all setup/take down necessary to meet or exceed the Agreement specifications. The resource will only be accepted once it is set up and ready for incident use in accordance with the minimum requirements. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement. Resources shall be setup and fully operable within 12 hours of arrival at the incident, unless otherwise negotiated with the incident management team (not including necessary breaks to comply with work/rest guidelines contained in this agreement).
D.2	EQUIPMENT AND SERVICE REQUIREMENTS	Equipment shall meet all standards established by specification or incorporated by reference and shall be maintained in good repair by the Contractor. The Contractor is required to provide maintenance and problem resolution for all equipment and accessories by having technical service representatives available to the Government.
D.2.1.1	MINIMUM REQUIREMENTS	<p>(a) Canopy Resources.</p> <p>(1) Type 1 - Canopy must fall within the following range: 2201-3200 square feet (examples: 40'x60', 40'x 80')</p> <p>(2) Type 2 - Canopy must fall within the following range: 1400-2200 square feet (examples: 30'x50', 40'x40')</p> <p>(3) Usage statement for Type 1 - Canopy and Type 2 Canopy: The operational intent of this resource is to obtain a covered area for meetings and other gatherings as detailed under Minimum Requirements below. This resource does not require an office type setting, does not require climate control, and does not require power outlets, lighting, or a generator/power source. This is a shelter that provides cover from the elements overhead but does not come standard with side walls. If side walls are required for this resource, they must be specified when ordered, included on the resource order, and it would be paid using the optional item - Side Walls.</p> <p>(4) Optional Items. Optional Items can be ordered to accompany any Canopy resource.</p> <p>(i) Side (external) Walls</p> <p>(ii) Screen (external) Walls - mesh screen wall panel that replaces standard Side Walls.</p> <p>(iii) Divider (internal) Walls - including zipper doorways and mounting brackets.</p> <p>(iv) Optional items may be ordered by the incident as needed to meet operational needs. The resource order must include the optional item in the description or notes field. Contractors shall not install and will not be paid for any optional items that have not been ordered by the Government through the resource ordering</p>

		<p>process. Additional information about pricing Optional Items can be found at D.21.8.</p> <p>(b) Tent System. The term tent system is synonymous with yurt. Dimensions provided are only examples and other dimensions are acceptable as long as the space falls within the range stated for the resource type.</p> <p>(1) Type 1 - Tent System must fall within the following range: 1001-1300 square feet (example 23'x 60')</p> <p>(2) Type 2 - Tent System must fall within the following range: 701-1000 square feet (example 23'x42')</p> <p>(3) Type 3 - Tent System must fall within the following range: 501-700 square feet (example 19'x35')</p> <p>(4) Type 4 - Tent System must fall within the following range: 200-500 square feet (example 20'x20', 20' octagon)</p> <p>(5) Usage statement for Type 2 - 4 Tent System: The operational intent of this resource is to obtain a fully enclosed area that can be used as a multi-use facility, including but not limited to office spaces, meeting rooms, storage for supplies, electronics, food, and accommodation for personnel and first aid/medical facilities. This resource requires a complete package including all equipment and onsite support to provide a contained space with insulated walls, insulated ceiling, flooring, temperature control, power source, power distribution, outlets, and lighting as detailed under Minimum Requirements below.</p> <p>(6) Optional Items. Optional Items can be ordered to accompany any Tent System resource.</p> <p>(i) Vestibule Connector - completely enclosed with floor, walls and ceiling</p> <p>(ii) Screen (external) Walls - mesh screen wall panel that replaces standard Side Walls.</p> <p>(iii) Divider (internal) Walls - including zipper doorways and mounting brackets.</p> <p>(iv) Optional items may be ordered by the incident as needed to meet operational needs. The resource order must include the optional item in the description or notes field. Contractors shall not install and will not be paid for any optional items that have not been ordered by the Government through the resource ordering process. Additional information about pricing Optional Items can be found at D.21.8.</p>
D.2.2.2	MINIMUM REQUIREMENTS	<p>(a) All Resources. The following are minimum requirements applicable to all resources in both Canopy and Tent System categories.</p> <p>(1) Meet the requirements of NFPA 101 Life Safety Code, NFPA 102 Standard for Grandstands, Folding &amp; Telescopic Seating.</p> <p>(2) Canopy, Tents, Membrane Structures, and all fabric shall meet the flame propagation performance criteria contained in NFPA 701.</p> <p>(3) Must meet International Fire Code (IFC) 2403.12 requirements for egress.</p> <p>(4) Must have a minimum 50 MPH wind load rating, with proper staking.</p> <p>(5) All equipment, supplies, and accessories provided by the Contractor must be clearly marked with the Contractor name using a minimum of</p>

		<p>4" letters on canopy/tent components in a clear and visible location. Smaller lettering is allowable on supplies and accessories.</p> <p>(6) Relocation means moving an entire canopy/tent from one physical location to another, moving panels or doors does not constitute relocation.</p> <p>(7) Resources shall be setup and fully operable within 12 hours of arrival at the incident, unless otherwise negotiated with the incident management team. Breaks to ensure work/rest guidelines are met will not count against the set-up time.</p> <p>(8) Takedown must be completed in accordance with industry standards, resources shall be removed within 12 hours after the time of release, unless otherwise negotiated.</p> <p>(b) Type 1 and Type 2 Canopy Minimum Requirements. The following are additional minimum requirements for the Canopy resources only.</p> <p>(1) Canopy. Freestanding with self-supporting internal frame and no center poles.</p> <p>(c) Type 1, Type 2, Type 3, and Type 4 Tent System. The following are additional minimum requirements for the Tent System resources only.</p> <p>(1) Tent. Freestanding with self-supporting internal frame and side walls and no center poles.</p> <p>(2) Flooring. Resource shall have water resistant and secure flooring. The flooring must be a component of the tent. Tarps and surfaces prone to becoming slippery will not be accepted.</p> <p>(3) Doors. Each resource will have a minimum of 2 doors (hinged, framed). Doors shall meet intent of ADA accessibility with a minimum of 32 inches wide and not to exceed 48 inches wide.</p> <p>(4) Insulation. Shelter insulation shall be installed on all side walls and ceilings. Insulation is intended to assist with climate and noise control inside the resource.</p> <p>(5) Windows. Windows may be included in the resource and, if included, shall include a clear panel view, screened, and privacy flap.</p> <p>(6) Power Generation and Distribution. The Contractor is required to provide and maintain an alternating current (AC) portable generator for the resource. Generator shall be delivered with a full tank of fuel. The government shall be responsible for providing operating fuel after delivery to the incident. The government is not obligated to return the generator with a full tank of fuel, nor will the contractor be reimbursed for any refueling after the resource has been demobilized. The generator shall have sufficient capability to power all required equipment including equipment provided by the Contractor and all Government equipment being used in the resource in accordance with D.2 Equipment Requirements. The generator shall have a manufacturer's decibel rating of no greater than 68 dBA at a 50-foot distance. The Contractor may utilize one generator to supply multiple resources and power distribution for this purpose is the responsibility of the Contractor. The Contractor shall use the minimum number of generators necessary to meet requirements of the agreement. The generator and all distribution products will be used in an outdoor setting. The Contractor shall set up cords used to connect the resource to the generator in an organized fashion allowing for safe pedestrian traffic. The Government reserves the option to partially bury cords to</p>
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		<p>allow for increased safety in the work area. Contractor maintains responsibility for ensuring generator is not loaded above manufacturer ratings.</p> <p>(7) Extension cords. Extension cords must meet the testing and requirements of the Underwriters Laboratories (UL) and the Occupational Safety and Health Administration (OSHA). All cords must be three pronged, stamped "for exterior use" and have the letters SJTW stamped in the cord covering. The maximum length of each individual cord is 100 feet and the minimum wire size is 14 gauge.</p> <p>(8) Outlets. Placement of outlet receptacles shall to be dispersed throughout the tent. Outlets will be used to power Government equipment such as laptops/computers, phone/telecommunication charging, office equipment, and other small appliances. All electrical outlets must be protected with a Ground Fault Circuit Interrupter (GFCI) at the power source. Minimum number of outlets required is dependent on the resource type. Power strips are not an acceptable means of providing the minimum number of separate outlets. Single or duplex receptacles are acceptable.</p> <ul style="list-style-type: none"> <li>(i) Type 1 Tent System: Resource shall have a minimum of 10 outlets.</li> <li>(ii) Type 2 Tent System: Resource shall have a minimum of 10 outlets.</li> <li>(iii) Type 3 Tent System: Resource shall have a minimum of 8 outlets.</li> <li>(iv) Type 4 Tent System: Resource shall have a minimum of 6 outlets.</li> </ul> <p>(9) Lighting. Artificial lighting shall be included in all resources and be sufficient to provide adequate light for daytime and nighttime operations. Lighting shall be consistently dispersed throughout the resource. The Government recommends the use of LED lights where practical under this agreement.</p> <p>(10) Climate Control. The Contractor will provide air conditioning and heating capabilities in the resource adequate to maintain a temperature of 65 to 80 degrees (F) with the assumption that the doors and windows will remain closed and the outside temperature does not exceed 100 degrees. If outside temperature exceeds 100 degrees then the Contractor shall provide 20 degrees of cooling below the outside air temperature. Evaporative coolers are prohibited.</p> <p>(11) The Contractor shall provide maintenance of resources and equipment by either keeping a technician onsite or ensuring a technician can be onsite within two (2) hours of notification of a performance issue. This maintenance includes monitoring and troubleshooting system performance, continuous function of the power generation and distribution system, proper function and maintenance of the resource and all associated systems. The cost of providing maintenance shall be included in the daily rate.</p>
D.21.8	PAYMENTS	<p>(a) The host agency for each incident is responsible for payments. See Exhibit B for complete agency payment office information.</p> <p>(b) The time under hire for Canopy and Tent resources shall start at the time the resource is set up at the incident and fully operable by the Government. Time under hire shall end 12 hours after being released</p>

		(in accordance with the take down timeframes established in the Minimum Requirements), except as provided in D.21.8.3.
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) On-Shift RESERVED.</p> <p>(b) Daily Rate - Payment for Canopy and Tent Resources will be made on the 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.</p> <p>(c) Other Work Rates.</p> <p>(1) Vestibule and Divider Walls. If ordered, this resource will be paid on a Daily Rate, the same terms at D.21.8(a) and D.21.8(b) and D.21.8.1(b) apply.</p> <p>(2) Side Walls, Screen Walls. If ordered, this optional item will be paid daily using a Lineal Foot unit of measure.</p> <p>(3) Each tent or canopy that is relocated will be paid the amount specified on the schedule of items, if ordered by the incident. Moving of panels or doors does not constitute a relocation.</p> <p>(4) Mileage. A mileage payment is based on the rate per mile in the agreement multiplied by the number of round-trip miles from the Designated Dispatch Point (DDP) to the incident (mobilization) and from the incident to the DDP (demobilization). For every increment of 5 resources mobilized/demobilized a mileage payment may be paid. (Example: Government orders seven (7) Type 1 Tent Systems, which qualifies for two mileage payments. The example mileage rate in the agreement is \$1.50/mile and the number of miles from the DDP to the incident is 225 miles (450 miles round trip). The mileage payment in this example will be calculated as: <math>(\\$1.50 * 450) * 2 \text{ trips} = \\$1,350.00</math>).</p> <p>Mileage payment for mobilization will be paid if the resources ordered are setup within the timeframes specified in the agreement and pass the Incident Pre-Use Inspection (see D.17). If all resources are not setup within the timeframes specified or they do not pass the Incident Pre-Use Inspection then mobilization mileage will not be paid. here will be no proration of the mileage payment. (Example: In the scenario above the contractor setup 6 of the 7 resources within the timeframe specified in the agreement. As such, the contractor is eligible for only 1 of the 2 possible mobilization mileage payments and the calculation would be: <math>(\\$1.50 * 450) * 1 \text{ trip} = \\$775.00</math>).</p> <p>Mileage payment for demobilization will be paid if the resources were accepted and supported the incident, regardless of the duration of the assignment. (Example: Following onto the scenario above the contractor went on to setup all resources and all 7 resources were assigned to the incident for 7 days. As such, the contractor will be paid for two demobilization mileage payments and this example will be calculated as: <math>(\\$1.50 * 450) * 2 \text{ trips} = \\$1,350.00</math>).</p>

## VEHICLE WITH DRIVER

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this Agreement is to obtain vehicles with drivers 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) Duties of a driver vary but may include the delivery of people and/or supplies to/from incident base camp and/or other support locations. Drivers may be required to pick up personnel from airports or other locations, pickup and deliver supplies from an agency fire cache, a buying team location, or a supplier identified by the Government. Drivers may be assigned to an incident base camp or another location identified by the Government.</p>
D.2.1	EQUIPMENT TYPING	<p>Vehicle with Driver Types:</p> <ul style="list-style-type: none"> <li>- Sport Utility Vehicle: minimum 5 passenger, 2-wheel and 4-wheel drive (seating of 6 or greater will be an attribute not given points. see D.6.2.)</li> <li>- Passenger Van: 7-9 passenger, 2-wheel and 4-wheel drive (vans larger than 9-passenger carrying capacity will NOT be awarded an agreement)</li> <li>- Pickup, Type 1: GVWR of 8,501 lbs. to 19,500 lbs., minimum 72-inch bed length, maximum bed length 12'</li> <li>- Pickup, Type 2: GVWR of 6,001 to 8,500 lbs., minimum 66-inch bed length</li> <li>- Pickup, Type 3: GVWR up to 6,000 lbs., minimum 60-inch bed length</li> <li>- Stakeside, Type 1: GVWR 14,001 lbs. to 26,000 lbs., (specify if truck has dump/tilt box OR lift gate. see D.6.2.)</li> <li>- Stakeside, Type 2: GVWR 10,001 lbs. to 14,000 lbs., (specify if truck has dump/tilt box OR lift gate. See D.6.2.)</li> </ul> <p>NOTE: Passenger or passenger-carrying capacity minimums stated above includes the driver.</p>
D.2.1.1	CONTRACTOR PROVIDED EQUIPMENT	<p>(a) Vehicles shall be equipped with a spare tire, wheel wrench, and jack.</p> <p>(b) Commercial vehicle insurance for a commercial operation.</p> <p>(c) The full bed of the truck shall be available for incident use.</p> <p>(d) Modifications to vehicles that may result in the vendor not being awarded an agreement would be lift kits, aftermarket exhaust (i.e., glass packs), and other such modifications that would compromise the integrity of the vehicle.</p>

		(e) Stakeside trucks are defined as flatbed trucks with railings that are, at a minimum, the same height of the cab and firmly attached on all 4 sides. The railing on the sides and the rear of the bed must be removable for loading/unloading cargo.
D.2.1.2	PERSONAL PROTECTIVE EQUIPMENT	<p>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.</p> <p>(a) Contractor shall be responsible for ensuring the Personal Protective Equipment is operable and maintained in good repair throughout the duration of any assignment.</p> <p>(b) 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.</p> <p>(c) Contractor shall be responsible for ensuring that all personnel arrive with the following PPE:  (1) 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).  (2) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.  (3) GLOVES: One pair of heavy-duty leather per person.  (4) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).  (5) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB. Earphones (headset) required with radio shall have built-in hearing protection.  (6) HEAD LAMP: With batteries and attachment for hardhat.  (7) FIRE SHELTER: New Generation Fire Shelter is required.  (8) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of one full set of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</p>
D.2.1.3	MILEAGE	In addition to the daily rate a mileage rate will be paid. See D.21.8.
D.2.2	TRANSPORTATION	<p>(a) 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)</p> <p>(b) 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</p>

		legally driven on highways under their own power and be able to travel at a minimum of 50 miles an hour.
D.2.2.1	TIRE REQUIREMENTS	Tires shall have load ratings 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.
D.2.2.2	SPARE TIRE	All vehicles shall have a full-size wheel mounted spare tire with minimum of 4/32 tread. The spare tire shall be easily accessible.
D.2.2.3	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.2.4	FIRE EXTINGUISHER	All vehicles and equipment offered and under hire on this Agreement shall contain a fire extinguisher, multi-purpose 2A 10BC accessible by the operator. The fire extinguisher shall have a current annual inspection tag.
D.2.2.5	VEHICLE IDENTIFICATION	All equipment shall have the company's name and unique identification number affixed to the vehicle. The company name and unique ID shall be on each side of the cab.
D.3.1	TRAINING/EXPERIENCE	<p>(a) One operator shall be provided, and must maintain a valid state driver's license and proof of vehicle insurance.</p> <p>(b) All operators are required to have RT-130 Annual Fire Refresher including fire shelter.</p> <p>(c) The operator's health and physical condition must be sufficient to perform the duties of driver without causing anyone undue hazard.</p> <p>(d) All operators shall be able to routinely lift objects up to 45 pounds when performing the duties required of this solicitation.</p> <p>(e) All Contractor personnel shall comply with Exhibit F, Safety Standards.</p> <p>(f) All operators shall be able to operate the equipment safely up to the manufacturers limitations. Operator shall be responsible for ensuring vehicle manufacturer limitations are not exceeded.</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p>

		(c) Mileage - Shall apply when equipment is under hire as ordered by the Government.
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## WATER HANDLING

D.1	SCOPE OF AGREEMENT	<p>(a) The intent of this solicitation and any resultant Agreement is to obtain water handling equipment (engines, support water tenders, and tactical water tenders) 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. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p> <p>(b) Contractor personnel (engines/tactical water tenders) may be required to work away from their equipment and perform other incident duties.</p>
D.2.1.2	EQUIPMENT REQUIREMENTS	<p>All equipment shall have:</p> <p>(a) In addition to these requirements, engines and tenders shall meet all State Motor Vehicle Requirements.</p> <p>(b) Backup Alarm. All equipment offered and under hire in the agreement shall include an electric or electronic backup alarm that meets the Type D (87 decibels, dBA) requirements of SAE J994.</p> <p>(c) 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.</p> <p>(d) Tow-behind units are not acceptable for Engines or Tactical Water Tenders.</p> <p>(e) 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.</p> <p>(f) Baffling. The water tanks shall be equipped with partitions that reduce the shifting of the water load. All tanks shall be equipped with at least one (1) longitudinal baffle regardless of width and one (1) transverse baffle. The distance between vertical tank walls and baffles, or between parallel baffles, shall not exceed 52. All baffles must cover 75% of the plane of the tank. 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 in lieu of conventional tank baffle partitions. If a Free Floating Baffle</p>

		<p>System is used the vendor must submit data sheets which validates that the baffling is sufficient to meet the manufacturer's recommendation.</p> <p>(g) 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.</p> <p>(h) Multiple tanks, tank partitions or other means for varying the amount of water carried in order to meet multiple type requirements is not allowed.</p> <p>(i) 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 as designated in Section D of this specification. 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.</p> <p>(j) Foam: Minimum of 5 gallons of foam must be carried on all engines and tactical water tenders. All foam used shall be qualified in accordance with Forest Service Specification 5100-307a as amended. <a href="https://www.fs.fed.us/rm/fire/wfcs/foam.htm">https://www.fs.fed.us/rm/fire/wfcs/foam.htm</a>. Contractors will not be reimbursed for the initial purchase of foam but if the Contractors foam is ordered and used on the incident, the foam concentrate will be replaced or the contractor will be reimbursed for the actual cost of the foam.</p> <p>(k) Vendors are required to permanently mark their equipment inventory with vendor/company information. Acceptable markings shall be etched or engraved. Painting or marking the equipment with permanent markers is not acceptable. In addition, the vendor is to maintain a complete inventory list, including any extra items they may be carrying.</p> <p>(l) All vehicles and equipment offered and under hire on this Agreement shall contain 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.</p> <p>(m) Approved spark arrester on all naturally aspirated auxiliary engines.</p> <p>(n) Seat belts.</p> <p>(o) Flashlight.</p> <p>(p) Line gear shall be provided for contractor personnel to perform incident duties away from engine/tactical water tenders.</p>
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		<p>(q) Personal Protective Equipment (PPE). 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 PPE:</p> <ul style="list-style-type: none"> <li>(1) 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).</li> <li>(2) HARD HAT: Hardhat meeting NFPA Standard 1977 is required.</li> <li>(3) GLOVES: One pair of heavy-duty leather per person.</li> <li>(4) EYE PROTECTION: One pair (meets standards ANSI Z87, latest edition).</li> <li>(5) HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 dB. Earphones (headset) required with radio shall have built-in hearing protection.</li> <li>(6) HEAD LAMP: With batteries and attachment for hardhat.</li> <li>(7) FIRE SHELTER: New Generation Fire Shelter is required.</li> <li>(8) FLAME RESISTANT CLOTHING (Shirt and Pants). A minimum of two full sets of flame resistant shirt and pants. For routine fireline duties, flame resistant clothing must be certified to NFPA 1977.</li> </ul> <p>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.</p> <p>(r) Brakes on all axles.</p> <p>(s) All vehicles 36,000 GVWR or greater shall be installed with an operator-controlled auxiliary braking system in addition to the service brakes (i.e., engine retarder, transmission retarder, driveline retarder, or exhaust retarder).</p> <p>WILDLAND ENGINES –</p> <ul style="list-style-type: none"> <li>(a) All type 6 engines shall have operational all-wheel/or multiple axle drive capability. Type 3, 4, and 5 engines, all-wheel/or multiple axle drive capability is optional.</li> <li>(b) All Engines shall have pump and roll capabilities. The vehicle drive engine and drive train shall be arranged so that the pump can deliver at least its rated capacity or 20 GPM, whichever is less at a gauge pressure of 80 psi, while the fire apparatus is moving at 2 mph or less.</li> <li>(c) Engines shall have chainsaws with a minimum of 18 inch guide bar and a 3.0 cubic inch (49 cc) size motor. A chainsaw kit is also required and shall have the following items: chainsaw kit or bag, spare spark plug to fit saw, 1 pint oil for engine fuel mixture, chainsaw protection/chaps</li> </ul>
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meeting USFS Specification 6170-4F or later, or certified to NFPA 1977, extra chain, combination bar/spark plug wrench, chain file, felling axe, felling wedge, ear plugs and an DOT approved fuel container meeting the standards in NWCG PMS 442 for holding chainsaw engine fuel oil mixture and guide bar oil. The chainsaw may be used for the clearing of access routes and emergency escape routes. The engine crew shall not perform as tree fallers.

(d) The Engine shall be equipped with a live reel with a minimum of 100 feet of non-collapsible (booster) hose with combination nozzle. Hose shall be connected to the water supply. The hose shall not be less than (3/4) inch INSIDE diameter.

(e) Engines shall be equipped with a single rapid shutoff valve that permits the attachment of a 1-1/2 inch hose.

(f) All Engines shall be equipped with a foam proportioner system. (see also (i) below on CAFS). All foam used shall be qualified in accordance with Forest Service Specification 5100-307a as amended. <https://www.fs.fed.us/rm/fire/wfcs/foam.htm>. Minimum of 5 gallons of foam on engine. 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 foam concentrate will be replaced or the contractor will be reimbursed for the actual cost of the foam.

(g) In addition to the requirements on the following table, all engines shall have the complements described in Exhibit M.

(h) MINIMUM STANDARDS WILDLAND ENGINES:

REQUIREMENTS	TYPE 3	TYPE 4	TYPE 5	TYPE 6
Tank Capacity (gallons)				
Minimum	500	750	400	150
Maximum	1,500	1,500	749	399
Pump Min Flow (gpm)	150	50	50	50
@ rated pressured (psi)	250	100	100	100
Hose (feet)				
1.5 inch	1,000	300	300	300
1 inch	500	300	300	300
¾ inch garden hose	300	300	300	300
Live Hose Reel ¾ ID	100	100	100	100
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System	Yes	Yes	Yes	Yes
Maximum GVWR (lbs.)	-	-	26,000	19,500
Personnel Required	3	3	3	3

(i) Compressed Air Foam System(CAFS).

(1) 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:

Cubic Feet/Minute (CFM)	CAFS Allowance With Pump 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

(2) Criteria:

- (i) One GPM per one CFM MINIMUM water pump capacity at PSI rates required of the compressor.
- (ii) Pump & Roll 86+ CFM and above must have deck mounted cannon with stacked tips or adjustable tips.
- (iii) Pump & Roll equipment must be able to pump water and foam while moving.
- (iv) CFM, GPM, PSI and foam flow gauges are required.
- (v) Must be capable of injection of foaming agent into the water line at variable controlled rates on discharge side of pump. (Be proportional)
- (vi) System shall provide full foam delivery within 60 seconds after system is engaged.
- (vii) Operator shall be experienced and knowledgeable of system operation, and be capable of demonstrating their ability to operate the system.
- (viii) Payment shall be for hours of actual use of the CAF System in addition to the daily rate for the engine.

WILDLAND WATER TENDERS ALL –

- (a) All water tenders shall have a minimum of a 4" gravity dump valve located on the rear of the tank capable of dumping 90% of the tanks contents into a standard folding tank. The valve shall be plumbed to allow the flow of water over any rear bumper protection into the folding tank.
- (b) Tactical Water Tenders shall be equipped with a foam proportioner.
- (c) A Tactical Water Tender could also be a Support Water Tender. If the vendor does have equipment that meets multiple resource categories, they will be required to submit a resource category form for each resource category they are offering.
- (d) In addition to the requirements identified under minimum standards, all support and tactical tenders shall have the complements described in Exhibit M.

NOTE: Due to health issues associated with gray water and possible exposure to humans as well as potential contamination to pump apparatus, trucks offered as Gray Water Trucks will not be awarded an agreement as a Water Tender. Vendors with both a Water Tender and a Gray Water agreement for the same truck will need to change out all plumbing, including tank(s), pump, plumbing and hoses/fittings as

appropriate for the resource order or choose which resource they want to keep under agreement. The other resource agreement will be cancelled. Coordinate with the Contracting Officer(s) on which agreement you want to keep.

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

**SUPPORT WATER TENDERS –**

**MINIMUM STANDARDS SUPPORT WATER TENDERS:**

REQUIREMENTS	TYPE 1	TYPE 2	TYPE 3
Tank Capacity (gallons)			
Minimum	4,000	2,500	1,000
Maximum	NONE	3,999	2,499
Pump Min Flow (gpm)	300	200	200
@ rated pressured (psi)	50	50	50
Spray Bar or Equivalent	Yes	Yes	Yes
Max Refill Time (minutes)	30	20	15
Drafting Capabilities MAY USE PORTABLE PUMP THAT MEETS MIN REQUIREMENTS	Yes	Yes	Yes
Personnel Required	1	1	1

**TACTICAL WATER TENDERS –**

**MINIMUM STANDARDS TACTICAL WATER TENDERS:**

REQUIREMENTS	TYPE 1	TYPE 2
Tank Capacity (gallons)		
Minimum	2,000	1,000
Maximum	NONE	1,999
Pump Min Flow (gpm)	250	250
@ rated pressured (psi)	150	150
Hose (feet)	100	100
Live Hose Reel ID		
Spray Bar or Equivalent	Yes	Yes
Max Refill Time (minutes)	30	20
Pump and Roll	Yes	Yes
Foam Proportioner System	Yes	Yes
Drafting Capabilities MAY USE PORTABLE PUMP THAT MEETS MIN REQUIREMENTS	Yes	Yes
Personnel Required	2	2

D.2.2      TRANSPORTATION

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

		<p>(b) All 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 this solicitation. All Engines and Tenders 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.</p> <p>(c) Operators of any motor vehicle having a GVWR of 26,001 pounds or greater shall meet all federal and state Commercial Driver's License (CDL) requirements and other endorsements as required for the state in which operator is licensed.</p>
D.2.2.1	TIRE REQUIREMENTS	Tires shall have a load 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" for rear tires and 4/32" for steering axle tires.
D.2.2.1.1	SPARE TIRE REQUIREMENTS	All engines and tactical water tenders shall have a full size spare tire and wheel that shall fit any position or a spare tire for front and rear axle with a minimum of a 4/32" tread and securely mounted to the vehicle. The spare tire shall be easily accessible.
D.2.2.1.2	PROHIBITED MARKING	Federal regulations prohibit the use of official agency shields or markings on private vehicles or property.
D.2.2.3	VEHICLE IDENTIFICATION	<p>(a) Every engine and tender shall have the company's name and unique identification number affixed to the vehicle. The company name and unique ID shall be on each side of the cab.</p> <p>(b) As required in part 390 of FMCSA, every vehicle with a GVWR greater than 10,000 lbs. shall be marked on both sides of the vehicle with the following:</p> <ol style="list-style-type: none"> <li>(1) The motor carrier's name or trade name.</li> <li>(2) The motor carrier's identification number preceded by US DOT.</li> </ol>
D.2.3	PROGRAMMABLE RADIO: ENGINES AND WATER TENDERS	<p>(a) Engines shall have a minimum of two radios (one shall be handheld), Support Water Tenders shall have a minimum of one radio (handheld or mobile), and Tactical Water Tenders shall have a minimum of one handheld radio.</p> <p>(b) Radios must be capable of communicating within a minimum frequency range of 138 MHz to 174 MHz in the narrowband (12.5 KHz) mode on established Federal and state frequencies. Modified radios are not acceptable. Only radios listed on the National Interagency Fire Center's National Interagency Incident Communications Divisions' website <a href="http://www.nifc.gov/NIICD/documents.html">http://www.nifc.gov/NIICD/documents.html</a> are approved. Inquiries for approved radios should be directed to:</p> <p style="padding-left: 40px;">Communications Duty Officer Phone: (877) 775-3451 (Toll Free) Phone: (208) 387-5644 (Local) FAX: (208) 387-5892 email: <a href="mailto:nifccdo@fs.fed.us">nifccdo@fs.fed.us</a></p> <p>(c) At least two fully charged battery packs per radio are required at the beginning of each shift. Contractor supplied batteries must operate the portable radio throughout the shift. It is highly recommended that all</p>

		<p>portable radios utilize an AA alkaline battery clamshell. A source of 115 VAC power may not be available for rechargeable batteries.</p> <p>(d) The contractor shall be capable of programming incident frequencies into their radios. Frequencies may be installed by the Government at the incident. Contractor must comply with all National telecommunications and Information Administration (NTIA) rules and regulations on all Federal Agency incidents and with all Federal Communications Commission (FCC) rules and regulations on all State Agency incidents. Contractor shall not use Government assigned frequencies for other than performance under this contract. All Incident, Federal and State frequencies shall be removed prior to demobilization from the incident.</p>
D.2.4	BIOBASED PRODUCTS	<p>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 <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a>.</p>
D.3.1	TRAINING/EXPERIENCE	<p>(a) Each person employed by the Contractor under this Agreement shall meet the following minimum requirements and be able to provide evidence that employees meet the requirements upon request:</p> <p>(b) The government reserves the right to verify training at any time for all operators.</p> <p>(1) All Tactical Water Tender and Engine personnel shall be trained in accordance with National Incident Management System: Wildland Fire Qualification System Guide (PMS 310-1) <a href="http://www.nwccg.gov/">http://www.nwccg.gov/</a> and in accordance with Exhibit N.</p> <p>(2) Commercial Driver's License, when required.</p> <p>(3) All operators shall be able to operate the equipment safely up to the manufacturer's limitations.</p>
D.3.1.1	ENGINE STAFFING REQUIREMENTS	<p>(a) Training requirements, in addition to D.3.1, are listed in Exhibit N.</p> <p>(b) The Contractor shall furnish type 3-6 wildland fire engine(s), consisting of a crew of three (3) to include:</p> <p>Title: Engine Boss, Single Resource (ENGB)  Number of Personnel: 1 EACH  Engine Types: ALL TYPES</p> <p>Title: Firefighter Types 1 or 2 (FFT1 or FFT2)  Number of Personnel: 2 EACH  Engine Types: ALL TYPES</p> <p>(c) Additional crew members ordered at the time of dispatch will be compensated at the daily rate of \$300 each.</p> <p>(d) Type 6 engines may operate with only two personnel, however, the engine must be ordered and it must be documented on the resource order that only two personnel is acceptable. If two (2) crew members</p>

		are ordered and documented on the resource order, \$300 will be deducted from the daily rate.
D.3.1.2	WATER TENDER STAFFING REQUIREMENT	<p>(a) The Contractor shall furnish wildland water tenders (support), consisting of one (1) person to include:  Title: Support Water Tender Operator  Number of Personnel: 1 EACH</p> <p>(b) The Contractor shall furnish wildland water tenders (tactical), consisting of two (2) personnel to include:  Title: Firefighter Type 1 (FFT1)  Number of Personnel: 1 EACH</p> <p>Title: Firefighter Types 1 or 2 (FFT1 or FFT2)  Number of Personnel: 1 EACH</p>
D.7.1.3	GOVERNMENT FURNISHED HOSE AND COMPLEMENTS	<p>The Contractor is required to arrive at an incident equipped with hose as required in Exhibit M. The Government may require that Contractor-owned hose and complements be left at the incident and the Contractor equipment be reassigned or demobilized without picking up that hose and/or complement. In these cases the following procedure shall be followed:</p> <p>(a) When the Government requires the Contractor to leave Contractor-owned hose and/or complements on an incident, the Government will provide the Contractor with Form AD-107 Report of Transfer of Property (or equivalent) to transfer the Contractors property to the Government.</p> <p>(b) In the case of reassignments, the Contractor shall present the form to the supply unit at the incident who will loan the Contractor Government-furnished hose and/or complement. This will be done to ensure that the Contractor maintains viability (the ability to continue operations) at the reassigned incident. At the time of demobilization to the Designated Dispatch Point, all accountable/durable property shall be returned to the government.</p> <p>(c) If the resource is being demobilized, no government hose or complement is issued. The Contractor may present a signed AD-107 form and a receipt for their Contractor-owned hose and complements left during performance of the work to the Incident Procurement Unit Leader or Contracting Officer. The amount of reimbursement will be negotiated and may be paid as an adjustment to the invoice.</p>
D.16.4	REQUIRED TRAINING	<p>The Vendor shall maintain and make available upon request to the Government the following documents, if required (see D.3.1 and Exhibit N for a more comprehensive list):</p> <p>(a) Completed Individual Employee Training Verification Forms for each firefighter.</p> <p>(b) Formal training certificates for each required course, including annual Fireline Safety Refresher Training (RT-130) training.</p>

		<p>(c) Completed performance task books for each position the person is qualified to perform.</p> <p>(d) Documentation which validates experience.</p> <p>(e) Work Capacity Fitness test record for current year.</p> <p>(f) A copy of commercial driver's license (CDL) with tank endorsements over 26001 lbs.</p>
D.18.1	UNDERSTRENGTH ENGINE CREWS	<p>(a) After acceptance at the incident, the Government may elect to keep a resource (engine) that falls below three crewmembers. If the resource complement falls below the agreed upon staffing (as agreed to at the time of dispatch and documented on the resource order) the contractor equipment is noncompliant. If the Contractor agrees to add additional crew members to bring the contractor equipment up to the Agreement standard of 3 people, compliance shall be met within 24 hours or the time frame designated by Government representatives at the incident. Travel time to the incident will not be paid for additional crew members necessary to complete a three member crew. The exception to this is for Type 6 Engines specifically, which may be ordered with two crew members as detailed in D.3.1.1(d).</p> <p>(b) If the Contractor is unable to bring engine strength to three people within 24 hours or time frame designated by Government representatives, the Government may at its discretion retain the resource at a reduced rate, notwithstanding the fact that it is under strength as long as the NWCG minimum standards are met. (See D.21.8 for payment information.)</p>
D.21	PAYMENTS	<p>(a) Payments will be made in accordance with D.21.8.</p> <p>(b) When equipment is ordered for severity assignments, the following payment will be made:</p> <p>(c) Table D.21 -- SEVERITY RATES</p> <hr/> <p>Severity is paid at 75% of the daily rate for 10 hours or less, excluding meal breaks. For greater than 10 hours, including travel time, the full daily rate applies</p> <hr/> <p>If a resource is mobilized to an incident within the 10 hour severity period the payment will revert to the full daily rate. If the mobilization occurs outside the 10 hour severity period they will be released from their severity assignment and the suppression rates will be applied under the first and last day language of the Agreement. In no case shall the daily rate be exceeded.</p> <hr/> <p>(1) Severity assignments are at the discretion of the Contractor to accept or reject. Rejecting a severity assignment will not affect placement on the priority list or preclude a Contractor from being offered a suppression assignment at full daily rate.</p>

		(2) Severity assignments often are not associated with a formal incident base camp or have meals and lodging provided. If a base camp is not established, RON (see D.21.5) may or may not be authorized and is at the Government's discretion.
D.21.1	BRIEFINGS	All operators shall attend operational period briefings. This is included in the daily rate.
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p>
D.21.8.4	ENGINE CREW DOWNGRADE OR REJECTION	If contractor equipment reports to an incident without three members, the contractor equipment is noncompliant and will not be accepted. If a member becomes unable to work after acceptance at an incident and the incident requests the contractor equipment remain at the incident, the payment will be reduced by \$300 per shift unless the member unable to work is the Engine Crew Boss (ENGB), at which time the contractor equipment shall be rejected as non-compliant. The Type 3 Engine will be required to have a minimum of three members at all times. The exception to this is for Type 6 Engines specifically, which may be ordered with two crew members as detailed in D.3.1.1(d).
EXHIBIT J	ADVANTAGES	
EXHIBIT M	FORMS AND CHECKLISTS	<ol style="list-style-type: none"> <li>1) ENGINE Inspection Form</li> <li>2) Chainsaw and Chainsaw Kit Inspection Checklist</li> <li>3) SUPPORT WATER TENDER Inspection Form</li> <li>4) TACTICAL WATER TENDER Inspection Form</li> <li>5) Manifest Form</li> </ol>
EXHIBIT N	QUALIFICATIONS – WILDLAND FIRE PERSONNEL QUALIFICATION REQUIREMENTS	

## WEED WASHING UNIT

D.1	SCOPE OF AGREEMENT	<p>The intent of this solicitation and any resultant Agreement is to obtain Weed Washing Units for use on a local, Regional and Nationwide basis. The Contractor is responsible for all equipment, transportation to/from incident, and setup/take down necessary to meet or exceed the Agreement specifications. The resources may be used on fire suppression and all-hazard incidents. The Incident Commander or responsible Government Representative is authorized to administer the technical aspects of this agreement.</p>
D.2.1	CONTRACTOR PROVIDED EQUIPMENT	<p>(a) Weed Wash Containment Station Equipment. 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.</p> <p>(b) Self-Contained with Recycling Water System.</p> <p>(c) Standard method of hire: Daily rate which includes fully operated equipment, delivery, pickup, servicing, and mileage to/from site.</p> <p>(d) The Government:</p> <ol style="list-style-type: none"> <li>(1) Will determine weed wash needs and area(s) of placement.</li> <li>(2) Will provide wash water to the wash site.</li> <li>(3) Will remove waste water.</li> <li>(4) Will remove solid waste or designate an appropriate disposal site.</li> <li>(5) May conduct inspections of washed equipment at the Governments discretion to ensure that the wash station meets agreement requirements. If the wash station does not meet the requirements of the government, it may be determined to be noncompliant and replaced with a different system in accordance with D.18 -- NONCOMPLIANCE AFTER ACCEPTANCE AT THE INCIDENT.</li> </ol> <p>(e) The Contractor shall:</p> <ol style="list-style-type: none"> <li>(1) Thoroughly wash vehicles and equipment to remove soil, mud, caked dirt, plant parts, seeds, and vegetative parts. Vehicles and equipment include, but are not limited to fire engines, heavy equipment, logging equipment, transports, pickups, SUVs and sedans;</li> <li>(2) Ensure that contractor services include remove of, but are not limited to, soil, mud, caked dirt, plant parts, seeds, 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;</li> <li>(3) Inspect hard to reach areas to ensure that they are clean;</li> <li>(4) Inspect and wash all soil and plant parts off of drafting hoses and drafting gear on engines and water tenders;</li> <li>(5) Ensure that the system used does not cause damage to the paint or electrical connections of vehicles and equipment being washed;</li> </ol>

		<p>(6) Keep the wash station in repair and fully operational during the designated assignment;</p> <p>(7) Capture, package and label solid waste in secure, easily transportable containment packages/devices. 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.</p> <p>(8) Maintain a daily record of all washed vehicles. The contractor shall use government forms, if required by the government.</p> <p>(9) Provide Personal Protective Equipment (PPE to include clothing) to all personnel working under this agreement. Contractor shall be responsible for ensuring all personnel arrive at the incident and wear the proper PPE as prescribed in the agreement. Contractor shall be responsible for ensuring the PPE is operable and maintained in good repair and be cleaned at sufficient intervals to preclude unsafe working conditions throughout the duration of any assignment. Required PPE shall include: EYE PROTECTION: One pair per employee (meets standards ANSI Z87, latest edition) and HEARING PROTECTION: Use hearing protection whenever sound levels exceed 85 DB.</p> <p>(f) 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).</p>
D.2.1.1	MINIMUM EQUIPMENT REQUIREMENTS	<p>(a) Self-Contained with Recycling Water System.</p> <p>(1) Portable commercial power washers with two hand-held, high pressure wands/nozzles. These nozzles must be suitable to wash all surfaces of the vehicle or equipment that contain soil, mud, caked dirt, plant parts, seeds, and vegetative parts.</p> <p>(2) Underbody washer. The underbody washing system must provide water spray at such an angle to ensure complete coverage of underbody surfaces and must be suitable to wash all underbody surfaces that contain soil, mud, caked dirt, plant parts, seeds, and vegetative parts.</p> <p>(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.</p> <p>(4) Waste water shall be contained by the wash system. 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. Wash residues shall be contained so that the washed vehicle does not track removed residue from the weed wash containment station.</p> <p>(5) Wash water shall be filtered to a 100 micron particle size or less, 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.</p>

		<p>(6) Contractor shall provide secure, easily transportable containment packaging/devices for holding the solid waste. The packaging/devices when full shall not exceed 50 lbs.</p> <p>(7) Process time to wash vehicles and equipment shall be sufficient to meet the requirements of this agreement.</p> <p>(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.</p> <p>(9) The wash system must be able to accommodate equipment up to 10' wide.</p> <p>(10) A minimum of two 1000-watt, or equivalent, work lights on stands with GFI module. All lighting shall be adequate to illuminate the weed washing unit area.</p> <p>(11) The wash system must comply with all applicable OSHA regulations related to operator safety and all segments of the washer must be in operating condition with no missing parts. All alternating current electric motors shall be listed with Underwriters Laboratory.</p> <p>(12) All vehicles/equipment offered and under hire on this Agreement shall contain a fire extinguisher, multi-purpose 2A 10BC, that is securely mounted to the vehicle/equipment and accessible by the operator. The fire extinguisher shall have a current annual inspection tag.</p>
D.2.2	BIOBASED PRODUCTS	<p>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 <a href="http://www.biopreferred.gov/">http://www.biopreferred.gov/</a>.</p>
D.21.8.1	RATES OF PAYMENTS	<p>Payment will be at rates specified and, except as provided in D.21.8.3, shall be in accordance with the following:</p> <p>(a) 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.</p> <p>(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.</p>