



SUBLETTE COUNTY UNIFIED FIRE

PO Box 2410 Pinedale WY 82941 Tel: 307-367-4550 Email: unifiedfire@sublettewyo.com

REQUEST FOR QUOTATIONS NOTICE

General Description

The Sublette County Unified Fire Department is accepting quotes for the manufacture, labor, equipment, materials, delivery, and warranty of a complete Type 5 Wildland Fire Apparatus. The attached specifications provide guidelines as to the design, capacities, and tests to which the fire apparatus should conform. The fire apparatus will be used in a rural response area with significant travel distances and limited water supply availability. The fire apparatus will be used in a variety of fire environments including: wildland/urban interface, mixed conifer forest, sagebrush rangeland, and grass farmland. The fire apparatus will be used both for initial attack and for extended attack incidents. The fire apparatus must be designed with a short wheelbase for maneuverability, four-wheel drive, and high ground clearance for enhanced off-road capability. The load elements of the vehicle should be designed for good load distribution with front to rear and side to side balance, and a low center of gravity for enhanced rollover stability. The apparatus should be designed to meet or exceed all requirements for a wildland firefighting apparatus as described in the most current edition of the NFPA 1906 Standard for Wildland Fire Apparatus and the National Wildland Coordinating Group (NWCG) Engine Typing Standards for a Type 5 Wildland Engine.

BID SPECIFICATION INFORMATION

Any exceptions from this bid specification must be called out in the manufacturer's proposal. Upon award of the proposal, an effort to consolidate the original bid specification and the manufacturer's proposed specification shall occur. Each of the manufacturer's exceptions from the original bid specification must be initialed and approved on the final consolidated specification for contract execution.

SCHEDULE

Release of RFP:	November 7, 2019
Bids Due on or Before:	December 10, 2019 at 5:00 PM
Review of Proposals Completed:	December 16, 2019
Final Proposal Awarded:	December 17, 2019

SUBMISSION OF PROPOSALS

Each submitted proposal should include one (1) hard copy of the proposal and all supporting documentation bound together in a three-ring binder. One (1) additional electronic PDF copy of the proposal and all supporting documentation should also be included on a USB flash drive. Each submitted proposal should include the following documentation:

1. The first page of the proposal should include the bidders pricing sheet with total purchase price. If pre-pay incentives are available, please include 50% and 75% pre-pay discount amounts.



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2. Each proposal must include the bidder's accurate and detailed written specifications of the proposed fire apparatus.
3. Each proposal must include engineering drawings (minimum size 11"x17") of the proposed apparatus. These drawings should illustrate the apparatus as it is to be built, including all major components like the cab, body, compartments, and pump module. The engineering drawings should include a driver side view, passenger side view, front view, top view, and rear view. The drawings should include a reference table with measurements of the compartments.
4. Each proposal should include the proposed build schedule showing milestones beginning after contract signing. The chassis delivery, apparatus manufacture, inspection(s), testing, delivery, training, and other relevant milestones.
5. Each proposal should include an estimated weight report with the projected axle loads of the completed apparatus while completely loaded according to NFPA 1906 standard.
6. Each proposal should include warranty period documentation for all major components, fabricated components, and other items.
7. Each proposal should include the information about how service and support will be provided for the wildland fire apparatus.
8. Each proposal should include any available third-party certifications for performance of major systems proposed for the apparatus.
9. Each proposal should include photos of similarly constructed wildland fire apparatus with similar design features.
10. Each proposal should include a completed Appendix B performance comparison sheet

PROPOSAL DELIVERY

Submitted bids should be securely sealed and marked "Sublette County Wildland Fire Apparatus Bid" and mailed to the address below before the established close date.

Sublette County Unified Fire
P.O. Box 2410
130 S. Fremont Ave.
Pinedale, WY 82941

BID CLOSE DATE

All submitted bid packages must be received before December 10, 2019 at 5:00 PM MST. Any bid package received after this date and time, for any reason, will not be considered. No extensions shall be granted. Each bid pricing must be valid for a period of forty-five (45) days after the bid closing date.



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QUOTE EVALUATION CRITERIA

All proposals received will be thoroughly reviewed. When analyzing the proposals, Sublette County has the discretion to prioritize any and all items in the received proposals to determine which manufacturer provides the best product for the best value that will best meet the needs of the fire department. When analyzing the bid proposals, Sublette County has the discretion to prioritize any and all items in the specification. Sublette County is not in any way obligated to accept the proposal with the lowest bid/cost nor to award any of the proposals received.

PROPOSAL REJECTION

Sublette County reserves the right to reject any and all bids, to consider alternatives, to waive any irregularities, and to award any bid deemed to be in the best interest of the county. Sublette County reserves the right to waive any formalities in the bids received and to accept any items in the bid as preferred.

CONTRACT AWARD

The Sublette County Board of County Commissioners will award a contract to the responsible bidder whose offer will be most advantageous regarding all factors considered.

BUDGET CONSIDERATIONS

The final awarded bid price should not exceed \$195,000.00. While pricing is a significant factor when analyzing any proposals received, Sublette County is not in any way, obligated to accept the proposal with the lowest bid/cost nor to award any of the proposals received.

EQUIPMENT MOUNTING ALLOWANCE

All bids should include a \$5,000 equipment mounting allowance included as part of the total bid price. All items listed in Appendix A shall be mounted by the manufacturer in locations specified by the Sublette County Unified Fire representative during the final inspection trip.

PRE-BUILD MEETING

A pre-build meeting shall occur at the manufacturer's facility prior to beginning construction of the wildland fire apparatus. Sublette County will travel to the manufacturer's facility to participate in the pre-build meeting and will cover all necessary transportation, lodging, and meal costs for employees of Sublette County to attend.

FINAL ACCEPTANCE TESTING

The complete wildland fire apparatus shall be inspected and tested at the manufacturer's facility. The manufacturer shall provide the necessary tools, supplies, and equipment to perform the required NFPA 1906 tests. Sublette County will travel to the manufacturer's facility to perform the acceptance testing and will cover all necessary transportation,



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lodging, and meal costs for employees of Sublette County to attend. The certification testing will include all design, production, operational, and performance testing of the apparatus and the installed components as described in the most current edition of the NFPA 1906 Standard for Wildland Fire Apparatus.

APPARATUS DELIVERY AND TRAINING

The completed apparatus should be delivered by the manufacturer to Pinedale, WY and eight (8) hours of training should be provided for the local emergency responders to become familiar with the wildland fire apparatus. Final acceptance of the completed apparatus will occur once the delivery and training has been completed.



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TYPE 5 WILDLAND FIRE APPARATUS SPECIFICATION

INSTRUCTIONS: BIDDER SHALL CIRCLE YES IF BID MEETS SPECIFICATIONS AND NO IF BIDDER TAKES EXCEPTION AND THEN PROVIDE AN EXPLANATION FOR YOUR SUGGESTED ALTERNATIVE.

SECTION 1: CHASSIS INFORMATION

1.00	YES / NO	The cab/chassis shall be provided by the manufacturer. The wildland fire apparatus shall be built using a new Ford F-550 4x4 chassis with the XLT trim package including front bucket seats, power windows, locks, & tow mirrors, upfitter toggle switches, cruise control, air conditioning, and passenger airbags.
1.01	YES / NO	The Gross Vehicle Weight Rating GVWR shall be 19,500. (NFPA 1906 -12.1)
1.02	YES / NO	The chassis engine shall be 6.7-liter diesel. (NFPA 1906 12.2.5.1)
1.03	YES / NO	A chassis auxiliary engine brake system shall be included to provide for improved stopping distance.
1.04	YES / NO	The chassis transmission shall be a heavy-duty automatic four-wheel drive. (NFPA 1906 -12.3.3)
1.05	YES / NO	The vehicle cab shall be a four-door crew cab with seating for 5 personnel. (Exceeds NWCG Type 5 Requirements) (NFPA 1906 14.1.1)
1.06	YES / NO	The chassis wheelbase shall be approximately 176"
1.07	YES / NO	The cab to axle length shall be approximately 60"
1.08	YES / NO	The chassis turning radius shall be approximately 28 degrees to either the right or left, however tighter turning radius is preferred. (NFPA 1906:12.3.2.5.1)
1.09	YES / NO	Angle of approach and an angle of departure shall both be approximately 20 degrees, however additional clearance is preferred: (NFPA 1906 12.3.2.3)
1.10	YES / NO	The chassis air inlet should be equipped with a means of separating water and burning embers from the air intake system. (NFPA 1906: 12.2.4.3):
1.11	YES / NO	The cab shall include all-weather front & rear floor mats
1.12	YES / NO	All-terrain on/off road tires with aluminum rims shall be installed on the vehicle. The total weight capacity of the vehicle shall not exceed the rated capacity of the tires. One (1) matched full size spare tire with aluminum rim shall be provided with the chassis.
1.13	YES / NO	Two (2) mud flaps will be installed at the rear of apparatus, one each side, behind the rear wheels so that they do not reach the tire when pushed forward. This will prevent the mud flap from being pinched between the tire and objects on the ground while the apparatus is in operation off-road.



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1.14	YES / NO	The original OEM backup alarm shall be installed at the rear of the vehicle. It shall be energized automatically when the chassis is placed into reverse gear.
1.15	YES / NO	The chassis shall be equipped with impact protection and skid plates in the following locations; lower radiator skid plate, engine skid plate, transfer case skid plate, impact protection for the DEF tank and the exhaust system. These guards and shields shall be designed to prevent trapping grasses and other small debris which may ignite. Skid plates and impact protection shall be capable of supporting the weight of the apparatus without complete failure; a degree of distortion is allowed.
1.16	YES / NO	The chassis shall be equipped with a Thunderstruck custom heavy-duty front bumper/grill guard. All exterior surfaces of the entire bumper/grill guard assembly shall be coated with a 1-2 mm (minimum) flat black powder coated finish. The front bumper/grill guard shall be designed so that it does not negatively affect the chassis approach angle. The Front Bumper shall contain a license plate mounting position and holes or a bracket for mounting. The bumper must have a provision for permanently mounting a winch. There shall be space for mounting of up to 50' of 1" single jacket hose for quick connect to the 1-1/2" discharge outlet at the front bumper.
1.17	YES / NO	There shall be a Warn 16,500 lb. stationary mounted winch installed in the above front bumper replacement. It shall include a remote cable with a 12' lead, fairlead rollers, and 90' of wire rope. It shall be wired direct to the 12 volt power system.
1.18	YES / NO	The entire rear bumper assembly shall meet Department of Transportation (DOT) Requirements. The rear bumper shall be capable of supporting a 300-pound individual standing at any location without flexing or becoming distorted. The bumper shall be equipped with permanently affixed mounting brackets to attach to the chassis frame. The bumper shall extend the entire width of the apparatus. The bumper shall be equipped with a permanently affixed non-skid walking surface. All exterior surfaces (unless stainless steel) of the entire bumper assembly shall be coated with a 1-2 mm (minimum) flat black powder coated finish.
1.19	YES / NO	The chassis shall be equipped with a 2-1/2" Class V receiver hitch and integrated OEM Trailer Brake Controller. A seven (7) pin RV style trailer plug shall be installed adjacent to the receiver hitch.
1.20	YES / NO	Two front tow eyes rated for 1.5 times the GVWR shall be provided and may be integrated into the front bumper/grill guard, provided they meet the required rating without causing damage to the bumper when used to full capacity.



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		Two (2) rear tow eyes rated for 1.5 times the GVWR shall be provided and mounted to the chassis frame. All tow eyes shall be large enough to attach a threaded clevis. The tow points shall extend through the rear panel just above the bumper and shall not interfere with the bumper during the twist test.
1.21	YES / NO	There shall be 3" round nerf bar apparatus running boards under chassis cab doors with a powdered coated black finish.

SECTION 2: FIRE PUMP, AUXILIARY PUMP MOTOR, PRIMER

2.00	YES / NO	The pump shall be a high pressure Waterax BB-4 series four-stage centrifugal pump powered by a 23.5 rated Kubota diesel engine with electric start. The pump and motor shall be located on the rear center of apparatus. Victaulic connection shall be used on the plumbing from the pump to allow for ease in disconnecting the pump for repairs.
2.01	YES / NO	The pump must deliver the percentage of rated capacity at the pressures listed below: 103 GPM at 150 pounds net pressure 94 GPM at 250 pounds net pressure 65 GPM at 350 pounds net pressure
2.02	YES / NO	The pump shall be capable of taking suction and discharging pump capacity with a lift of 10 feet. As defined in NFPA 1906 -16.2.4.2, special pump performance conditions: the pump should be ideally designed to perform at high elevation level (8,000'), with 5' – 15' of lift, using 20' of hard suction 3" hose with 2-1/2" fittings.
2.03	YES / NO	A blister resistant mechanical rotary seal shall be provided to prolong pump end longevity of the pump.
2.04	YES / NO	The pump shall include a maintenance free sealed bearing to avoid the need for greasing the pump end in the field.
2.05	YES / NO	The pump body shall include anodized aluminum impellers to avoid galvanic corrosion common with bronze impellers.
2.06	YES / NO	The pump engine shall be driven by a 23.5 horse power, Kubota D902, liquid cooled, 4-cycle, EPA tier 4, diesel engine complete with a 12-volt electric starter, 40-amp alternator, and battery. It shall be capable of being powered and throttled from both the pump panel and from within the chassis cab with an auxiliary electric on /off switch, throttle control, and gauge, located in the chassis cab center console.
2.07	YES / NO	The pump engine should include a USDA approved spark arrestor. The engine muffler shall be mounted inside the compartment where Kubota is and the exit will be high enough to be away from the operators.



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2.08	YES / NO	The pump engine fuel pickup shall have a separate port on the chassis fuel tank (NFPA 1906 - 16.3.15.2). It shall have a pick-up tube approximately 1 inch from the bottom of the fuel tank and not higher than 2 inches, but higher than that for the vehicle engine fuel system to preclude the pump leaving insufficient fuel in the chassis fuel tank for movement of the apparatus. An electric fuel pump shall be installed near the pump engine.
2.09	YES / NO	All serviceable items such as air filters, oil filters, drains, and fuel pumps shall be accessible for routine maintenance without requiring removal of any plumbing or major engine components; such as complete removal of the exhaust system or air filter housing. There shall be a remote oil drain line to facilitate easy maintenance.
2.10	YES / NO	The primer pump shall be a 12-volt Hale Primer electric primer. The primer shall be a 12 VDC rotary vein, semiautomatic priming system with a single action control valve which simultaneously activates the entire system. This primer is self-lubricating so that there is no oil tank to check or refill. (NFPA 1906 - 16.10.5)
2.11	YES / NO	There shall be a hand vacuum primer installed also to be used for a secondary or back up priming operation. It shall be connected to the pump through a 1/4" turn ball type shut-off valve to prevent the priming system from being pressurized when the pump is attached to a pressurized water source.

SECTION 3: INTAKE, INLET, GATED DISCHARGES

3.00	YES / NO	All valves shall be repairable fire service quarter turn valves with swing out style with self-adjusting seats for sizes one (1) inch and larger where applicable. Valve handles shall be oriented to the direction of flow in line with plumbing when "OPEN" and perpendicular to the flow when "CLOSED".
3.01	YES / NO	All plumbing shall be stainless steel with high pressure flexible hose were appropriate. Sweeping elbows and tees shall be used to improve flow. Victaulic couplings shall be used where appropriate to allow easier disassembly for maintenance. The stainless welds shall be cleaned and polished. Deck mounting of the plumbing components shall be maximized to the greatest extent possible to eliminate hanging fixtures and minimize component shifting, loosening, etc.
3.02	YES / NO	Each valve shall be labeled as to its function immediately adjacent to the valve control. The labels shall be bolted to the mounting plate and the mounting plates shall have rounded corners.
3.03	YES / NO	Intake, Tank-to-Pump, Suction



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3.04	YES / NO	The pump intake shall have a stainless-steel Y-strainer provided to filter out foreign material and keep debris from entering the pump. The strainer will have a screw-off cap to allow easy cleaning of the filter element in the field. The plumbing will also have a four (4) bolt quick disconnect flange and one (1) Victaulic coupling between the strainer and the pump for ease of service on the pump.
3.05	YES / NO	One (1) - 2-1/2-inch tank-to-pump fire service valve and piping shall be provided. It shall be located at the rear of the apparatus within operator's reach when standing on the ground. The valve shall be labeled "TANK TO PUMP".
3.06	YES / NO	One (1) - 2-1/2-inch diameter rear suction shall be provided. The suction shall be directed towards the rear of the unit. The valve shall be easily accessible from the rear of the apparatus. It shall have a fire service valve with female NPSH threads, a polished chrome cap, and stainless-steel chain. The valve shall be labeled "SUCTION".
3.07	YES / NO	A winterization air inlet port (male) shall be provided at the operator's panel. This port shall provide a means to attach an air hose to the plumbing to blow water out of the entire plumbing system. It shall have a ¼ turn valve and be capable of withstanding high pressure from both the air supply system and the water pump on the apparatus. The air inlet shall not negatively affect the operator's ability to draft.
3.08	YES / NO	Gated Discharge Outlets
3.09	YES / NO	A stainless-steel manifold system shall be installed for discharges. It shall have an access hole on top with a removable cap. This access shall be use to pour antifreeze to the plumbing and pump.
3.10	YES / NO	Two (2) –1-1/2" gated rear discharge outlets for direct connection, each with a male NPSH hose connection, with chrome caps and chains shall be provided on the manifold.
3.11	YES / NO	Two (2) - 1" gated discharge outlet shall be provided to hose reels.
3.12	YES / NO	One (1) booster tank 1" refill/recirculate ball valve and piping with flexible hose from pump to booster tank shall be provided. Valve to have control on the valve near pump operator.
3.13	YES / NO	One (1) gated discharge 1-1/2" on the front bumper/brush guard for direct connection shall be provided. It shall terminate at a male NST fitting. The valve shall be mounted on passenger side with a hose holder platform in middle of the bumper.
3.14	YES / NO	Hose Reels
3.15	YES / NO	Two (2) Hannay electric rewind booster hose reels with a reel capacity of 150 feet of 1" 300 lb. test booster lite hose shall be included. The hose reels shall be located on each side on top of



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		front compartment, the front compartment shall be fabricated with a drop-down area so the reels are easily accessible from the ground. Booster line nozzles brackets shall be mounted as appropriate.
3.16	YES / NO	Reel rewind button shall be located on the forward side rail, (1) on each side with a protective guard around the bottom to protect from damages.
3.17	YES / NO	150 feet of 1 inch 300 lb. test booster lite hose to be included with each reel. Each 150' of hose shall be in 50' sections for ease of replacement if damaged.
3.18	YES / NO	Each reel shall include vertical and horizontal chrome hose roller guides located high on reel to aid in reeling and unreeling the hose.
3.19	YES / NO	There shall be a 70-amp breaker for each hose reel included in the breaker panel.
3.20	YES / NO	Cab Controlled Front Spray Bars with Two Electric Valves
3.21	YES / NO	There shall be two front spray bar nozzles installed on the front bumper. The valves shall be individually controlled from cab console with electric valves for left/right nozzle. There shall be an inline 1/4 turn valve at the discharge manifold to supply water to the spray bars. This system shall include automatic drain valves installed at low points to drain the front discharges.
3.22	YES / NO	Hard suction hose
3.23	YES / NO	Two (2) hard suction hoses are to be provided by the bidder. The hard-suction hoses shall be 3" x approximately 10' custom length with a 2-1/2" RLF x RLM fitting attached to a foot valve strainer.
3.24	YES / NO	Foam System
3.25	YES / NO	A Foam Pro Model 1600 system shall be provided with foam capability on all outlets without contaminating tank water in refill operations. System will include a Hypro twin plunger pump and DC 12-volt motor assembly. Additionally, a panel-mounted operator control unit with instructions, flowmeter, strainer, foam injection check valve, complete shielded cable set and RFI / EMI suppression kit shall be installed.

SECTION 4: POLY BOOSTER TANK

4.00	YES / NO	Booster tank shall be constructed of 1/2" poly sheets. This material shall be UV stabilized, ultra-high impact, polypropylene, noncorrosive plastic that is black in color. A lifetime warranty shall be included for the booster tank. (NFPA 1906 – 18.2).
4.01	YES / NO	There shall be a 1" FNPT female tank drain located on the rear tank wall, with a removable plug.
4.02	YES / NO	All tanks shall have an anti-swirl plate above the sump. The sump shall be recessed into tank floor and be a minimum of 1/4" deep.



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4.03	YES / NO	Booster tank shall have a minimum capacity of 400 Gallons. (Exceeds NFPA 1906 -5.4, Meets NWCG Type 5 Requirements).
4.04	YES / NO	Booster tank shall be of a shape and design to allow for maximum compartmentation.
4.05	YES / NO	The booster tank baffling system shall meet N.F.P.A. standards. Booster tank shall have a removable lid. The booster tank shall be equipped with a built-in water level and foam level sight glass facing the rear pump side.
4.06	YES / NO	The booster tank shall have a 6" diameter fill tower marked "WATER TANK" located at the rear of the tank.
4.07	YES / NO	There shall be (2) poly unistruct channel welded to the top of the tank that runs from that back to the front. The channels shall be used to secure the aluminum mesh storage basket to the top of the tank.
4.08	YES / NO	A 10-gallon capacity foam tank will be provided that is integral to the booster tank. The foam tank shall have a 6" diameter fill tower marked "CLASS A FOAM". A 1" drain valve and drain line shall extend below the chassis frame. The 10-gallon foam capacity shall not reduce the 400-gallon overall water capacity of the booster tank.

SECTION 5: INSTRUMENT PANEL

5.00	YES / NO	Discharge pressure gauges
5.01	YES / NO	A 2-inch liquid filled pressure gauge shall be supplied for the pump discharge. It shall be marked in pounds per square inch (PSI) with an indicating range of -30" HG -0 to 400 PSI (27.58 bar). The gauge shall be located on the pump operator's panel. The gauge shall be equipped with a freeze protection diaphragm and gauge line drain. The drain shall be located at a point with allows for ease of draining the gauge line for ease of winterization. The pump panel discharge pressure gauge will need to match the cab/console pressure gauge readings. NFPA 1906 – 16.10, 16.12.
5.02	YES / NO	A correlating electronic cab/console gauge shall be included on the cab controller
5.03	YES / NO	The panel shall be illuminated by two (2) LED lights under a hood formed by the top of the pump panel. The lights shall have a quick disconnect so that they can be removed from the panel top easily for replacement.

SECTION 6: APPARATUS BODY & COMPONENTS

6.01	YES / NO	Fire Body Construction
6.02	YES / NO	The fire body height should be approximately 96" or less. Side



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		compartment shelves should be easily accessible for an average height firefighter (5'7") while standing at the side of the apparatus. Top mounted compartments should be easily accessible for a firefighter to reach by climbing up the rear of the apparatus to stand on the body top
6.03	YES / NO	The fire body width should be approximately 96"
6.04	YES / NO	The fire body length should be approximately 114".
6.05	YES / NO	The entire fire body is to be an independent structure constructed from extruded aluminum. All components must either be powder coated steel or aluminum to provide a strong, lightweight, corrosion free structure that will withstand extremely high temperatures. When dissimilar metals are used, protective measures must be provided to prevent galvanic corrosion.
6.06	YES / NO	Structural aluminum must be of suitable thickness to carry the specified weight. All doors must be reinforced so as not to warp.
6.07	YES / NO	Non-skid aluminum treadplate shall be used along the tops of the body and be free of any dirt, grease or foreign material. The top of the apparatus body shall support a 300 lb. person without distortion
6.08	YES / NO	The entire fire body shall be removable in its entirety without the disassembly of any compartments, flooring, or other structural components.
6.09	YES / NO	The rear fender well shall be fabricated from 3/16" smooth aluminum, painted red, with a polished extruded aluminum fenderettes. There shall be a circular aluminum inner wheel liner furnished for each side, allowing adequate room for the use of tire chains.
6.10	YES / NO	The front of the apparatus body shall be fabricated with aluminum diamond treadplate gravel shield, to aid in protecting the body from debris that may cause damage to the body.
6.11	YES / NO	After complete construction of the body, necessary components shall be painted red to match the chassis. Treadplate aluminum shall remain unpainted.
6.12	YES / NO	Workmanship Requirements
6.13	YES / NO	The installation of hardware parts such as hinges, catches, handles, or knobs shall be accomplished to avoid damaging the hardware or the mounting surface. After fabrication, all parts shall be cleaned of the following: smudges; loose, spattered, or excess welding; metal chips or filings; or any other foreign material which might detract from the intended operation, function, or appearance of the apparatus or its equipment. This would include any particles which could loosen or become dislodged during the normal expected life of the equipment. Whenever possible, this cleaning



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		shall take place before the parts are assembled.
6.14	YES / NO	Threaded parts or devices shall show no evidence of cross-threading, mutilation, or detrimental burrs. All screw type and rivet fasteners shall be tight to allow no relative movement between the attached parts. All bolts and screws shall not be tightened in excess of the SAE torque standard established for the grade, screw, and thread type.
6.15	YES / NO	All welds shall be free of harmful defects such as cracks, porosity, undercuts, voids, and gaps. There shall be no weld burn through. Fillets shall be uniform and smooth. There shall be no damage to adjacent parts resulting from the welding.
6.16	YES / NO	Body Frame Construction
6.17	YES / NO	The body and cabinets shall be supported with a frame of channel or tubular aluminum members sufficient to hold the necessary weight from the water tank, compartments, and pumps. The frame shall extend under the wheel well areas at the front and rear and shall be attached to the compartments. All compartments, panels, and build features shall be structurally capable of holding a 300 lb. person standing on the top when installed on the unit.
6.18	YES / NO	The entire apparatus body structure shall be independent of the cab. The body shall be able to withstand extremely high radiant temperatures commonly encountered during wildland fires, and be designed to provide maximum strength and durability in the roadless environment. Polypropylene constructed bodies shall not be accepted. The apparatus body shall be constructed to provide maximum clearance and departure angle and not interfere with the available wheel travel of the chassis. The body shall be an independent structure; the body, tank, compartments, and integral mounting members shall be constructed as a singular body assembly.
6.19	YES / NO	Flexible Mounting between Body and Chassis
6.20	YES / NO	A spring-loaded body mounting system shall be used to mount the body to the chassis. This system shall be designed to allow independent movement between the body frame and the chassis frame. The design shall also isolate and protect the body module from the stresses and twisting rendered by the flexing of the chassis frame rails.
6.21	YES / NO	The body front will be mounted utilizing springer mounts and rear mounting brackets. All of the mounting hardware, i.e. nuts, bolts, washers, required for complete body installation shall be at least Grade 8. All of the mounting hardware shall be plated to reduce corrosion. All nuts will be self-locking style.



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6.22	YES / NO	The apparatus body/tank frame shall be mounted to the chassis frame with a minimum of four mount assemblies. Each mount assembly shall prevent forward, aft, and sideways movement of the body while the apparatus is in motion. The mount assembly shall allow vertical movement of the body to prevent any twist from being transferred from the chassis frame into the body/tank frame. The mount assembly shall allow movement during chassis twist, while preventing the body from lifting while traversing side slopes or moving around curves. Proper cushioning, as determined by the manufacture, shall be securely in place between the body and chassis frames to provide protection between moving parts when operating in the road-less environment. All of the mounting hardware (nuts, bolts, washers) required for complete body installation shall meet or exceed SAE and industry standards. All of the mounting hardware shall be plated to reduce corrosion. All nuts shall be self-locking style.
6.23	YES / NO	The mounting system will be tested during the final inspection. The test shall consist of elevating the tires on opposite corners of the apparatus to a height of at least 9 inches while keeping the remaining two tires on level ground. The test shall be considered passed if each of the doors on the body can be opened freely and there are no significant gaps between the tank frame and the water tank. The apparatus manufacture shall supply the items necessary to perform this test.

SECTION 7: APPARATUS BODY COMPARTMENTS

7.00	YES / NO	See Appendix A for a complete list of equipment carried in the available compartment space (NFPA 1906 5.7.3). Sublette County will provide all equipment listed in Appendix A to the successful bidder. Bidder will be responsible for mounting the equipment prior to final acceptance.
7.01	YES / NO	Body compartments shall be fabricated of 3/16" 5052H32 aluminum sheets, 6061T6 aluminum extrusions, 3003 brite aluminum treadplate, 6063T6 aluminum tubing, and 6063T6 aluminum trim channel. All areas in body construction where dissimilar metals come into contact, shall have a thick rubber pad for separation of each metal.
7.02	YES / NO	Compartments shall be sweep out design and be water and dust proof. All compartments shall be made to the maximum practical dimensions to provide maximum storage capacity.
7.03	YES / NO	Side body compartment doors shall be hinged style, fabricated with .125" smooth aluminum and painted to match chassis color. <ul style="list-style-type: none"> • All door to have keyed "D" ring handles, keyed the same.



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		<ul style="list-style-type: none"> Vertically hinged swing-out doors shall open to the rear of the body and equipped with spring style enclose Horizontal hinged fold-down doors shall open from the top, and reinforced to serve as a work platform when the door is open. Horizontal hinged fold-up doors shall open from the bottom. When the door is open (2) gas shocks shall hold the door at a 90 degree to the body.
7.04	YES / NO	All compartments shall be properly vented. The vents shall be constructed of stainless and be mounted in a manner that will reduce the amount of dirt and water that may enter the compartment. The vents shall aid in relieving the pressure when opening and closing the compartment door.
7.05	YES / NO	All exterior compartments shall have an aluminum drip molding installed above the doors where necessary, to prevent water from entering into compartments.
7.06	YES / NO	All shelving shall be fabricated 1/8" smooth aluminum, with a 2" bend up and around the perimeter of the shelves. Each shelf shall be attached to (2) unistrut channels, (1) on each side of the compartment to allow them to be adjustable.
7.07	YES / NO	All compartment floors and shelves shall have black modular floor tiles installed.
7.08	YES / NO	Left Side Compartments
7.09	YES / NO	Left Side Compartment Ahead of Rear Wheels
7.10	YES / NO	A high compartment extending in depth to tank with a single vertically hinged swing door and locking "D" ring handle. This compartment shall be reinforced on top for a booster reel to be mounted on top. The compartment height may vary to keep the booster reel from exceeding the height of the chassis. Door opening shall be approximately 26" W, x 38" H, the height may vary.
7.11	YES / NO	One (1) adjustable shelf shall be included in this compartment
7.12	YES / NO	Left Side Compartment Above Rear Wheels (Hose Storage)
7.13	YES / NO	Full height compartment extending in depth to tank with a Single horizontal hinged swing up door and locking "D" ring handle. Door opening shall be approximately 40" W x 24" T
7.14	YES / NO	One (1) adjustable shelf shall be included in this compartment
7.15	YES / NO	There shall be a G3 poly hose storage mount included in this compartment that is sufficient to mount/store the following hose: (NFPA 1906 – 15.10): <ul style="list-style-type: none"> (1-1/2") Forestry Hose (1,000 ft.) (Exceeds NWCG Type 5 Requirements) (1") Forestry Hose (500 ft.) (Exceeds NWCG Type 5



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		<p>Requirements)</p> <ul style="list-style-type: none"> (3/4") Forestry Hose (800 ft.) (Exceeds NWCG Type 5 Requirements) <p>All hose rolls should be stored upright in individual rolls for easy retrieval.</p>
7.16	YES / NO	Left Side Compartment Behind Rear Wheels
7.17	YES / NO	High compartment extending in depth to tank/ pump area with Single vertically hinged swing-out door and locking "D" ring handle. The door opening shall be approximately 25" W x 40" H.
7.18	YES / NO	Two (2) adjustable shelves shall be included in this compartment
7.19	YES / NO	Spare Tire Storage
7.20	YES / NO	Rear compartment against the driver's side compartment panel that will contain the spare tire with a roll out tray for ease of removal. The compartment shall have a hinged swing out door that will open towards the driver's side.
7.21	YES / NO	Left Side Upper Coffin Basket
7.22	YES / NO	There shall be open slotted storage compartments on the left side above the compartments. The upper coffin basket shall be fabricated from aluminum to match the compartment above the water tank. The slots along the sides of the basket shall be cut out in a diagonal fashion to allow easy attachment points for storage. The bottom of the basket shall be made from treadplate aluminum. The baskets shall be approximately 12" t x 22" W x 79" L
7.23	YES / NO	Right Side Compartments
7.24	YES / NO	Right Side Compartment Ahead of Rear Wheels
7.25	YES / NO	High compartment extending in depth to tank with a Single vertically hinged swing door and locking "D" ring handle. This compartment shall be reinforced on top for a booster reel to be mounted on top. The compartment height may vary to keep the booster reel from exceeding the height of the chassis. Door opening shall be approximately 26" W, x 38" H, the height may vary.
7.26	YES / NO	Two (2) adjustable shelves shall be included in this compartment
7.27	YES / NO	Right Side Compartment Above Rear Wheels (Chain Saw)
7.28	YES / NO	Full height compartment extending in depth to tank with a Single horizontal hinged swing up door and locking "D" ring handle. Door opening shall be approximately 40" W x 18" T.
7.29	YES / NO	One (1) adjustable shelf shall be included in this compartment
7.30	YES / NO	There shall be a G3 chainsaw mount with absorbent pad and poly storage box for fluids if needed. Extra venting shall be added to this compartment.
7.31	YES / NO	Right Side Compartments Behind Rear Wheels



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7.32	YES / NO	High compartment above the frame rail is open to give the ability to mount the portable pump. There shall be louvered panel to allow air flow to the Kubota engine. The panel shall be painted the same color as the body.
7.33	YES / NO	Low compartment below the frame rail shall be approx. 25" W x 15" T. This compartment shall be well ventilated in order to contain all of the spare fluids that the department will need.
7.34	YES / NO	Right Side Upper Coffin Basket
7.35	YES / NO	There shall be open slotted storage compartments on the right side above the compartments. The upper coffin basket shall be fabricated from smooth aluminum to match the compartment above the water tank. The slots along the sides of the basket shall be slotted in a diagonal fashion to allow easy attachment points to strap tools/items down. The bottom of the basket shall be made from treadplate aluminum. The baskets shall be approximately 12" t x 22" W x 79" L
7.36	YES / NO	Wheel Chock Compartments
7.37	YES / NO	Two (2) compartments shall be fabricated to hold (2) light duty wheel chocks in wheel well area, each with a hinged swing door. Located at the passenger-side wheel well.
7.38	YES / NO	The doors shall be made of smooth aluminum and painted to match chassis.
7.39	YES / NO	Center Rear Under Body Compartments
7.40	YES / NO	A compartment extending from rear to the front of bed shall be fabricated of 3/16" smooth aluminum. It shall be below the bed and above the frame rail of chassis. It shall have a flip down aluminum door with chevron stripping. Compartment is approximately 6" Tall x Full length of the body x 34" Wide.
7.41	YES / NO	A poly slide-out tray, completely removable with one full length divider to separate hard suction hose from long handled tools shall be provided. The poly tray shall have 3 dividers that are adjustable from front to rear in 12" increments". There shall be 4 dividers that can be adjusted in 6" increments up to 24" on the passenger side of the full-length divider. Use department provided mounting brackets to mount all department supplied adapters in these spots. The poly tray has no rollers, it is designed to slide on the compartment floor. There shall be handles on the front face and sides of the tray to completely remove the tray with ease.
7.42	YES / NO	Basket Storage On Top Of The Water Tank
7.43	YES / NO	One (1) smooth aluminum storage basket, located on top of the tank, and shall be open on top and be sized to fit the remaining space on top of the tank. It shall be slotted to allow for the ability to



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		strap tools/items down and have storage slots for the Yeti cooler, (2) 5 Gallon buckets of spare foam and the department supplied Flotopump. This compartment shall not interfere with the fill towers.
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SECTION 8: TREAD BRIGHT OVERLAY & TRIM

8.00	YES / NO	All exterior surfaces designated as stepping, standing, and walking areas shall have an aluminum non-slip material installed. The non-slip material shall have a raised serrated surface that will allow moisture to drain out either side. The recessed surface shall be one-piece solid material to prevent road spray and debris from entering the top surface from below. Aluminum tread brite safety trim plate shall be installed in the following areas:
8.01	YES / NO	Bottoms of water tank basket and both coffin box baskets
8.02	YES / NO	Floor in the rear pump area
8.03	YES / NO	Front body panel/gravel shield
8.04	YES / NO	Apparatus body rear step shall be constructed of non-slip aluminum material.
8.05	YES / NO	There shall be (1) vertical grab rail and (1) horizontal grab rail, located at the rear of the apparatus, located (1 vertical) on the inward side of left rear side compartment panel and (1 horizontal) on the top of the spare tire compartment, to aid in accessing the top of the apparatus.
8.06	YES / NO	There shall be a non-slip diamond treadplate rear step located next to the spare tire compartment to aid in accessing the fill towers and coffin compartments.
8.07	YES / NO	Two (2) drip torch holders shall be mounted on the rear tailboard, (1) on each side with a strap to hold the drip torches.

SECTION 9: ELECTRICAL EQUIPMENT & BATTERY SYSTEM

9.00	YES / NO	All warning devices should be LED type lights and should meet or exceed the NFPA 1906 requirements (NFPA 1906 13.1, 13.8)
9.01	YES / NO	Two (2) rear Whelen M6 Series Super LED combination stop/tail lights, one on each side with chrome plated housing.
9.02	YES / NO	Two (2) rear Whelen M6 Series Super LED turn signal with arrow, one on each side with chrome plated housing.
9.03	YES / NO	Two (2) rear Whelen M6 Series Super LED backup light, one on each side with chrome plated housing.
9.04	YES / NO	Two (2) chrome flanges for three (3) lighthoods, vertical.
9.05	YES / NO	LED - clearance lights & reflectors to comply with I.C.C. regulations
9.06	YES / NO	Two (2) LED strip lighting in each side compartment and activated by an automatic door switch. They shall be vertically mounted on the inside of the door opening.



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9.07	YES / NO	A flashing red warning light on the cab electrical module marked "Do Not Move Apparatus When Light Is On" illuminates automatically when the parking brake is not engaged to indicate when passenger or equipment doors are open.
9.08	YES / NO	All electrical equipment to have resetting circuit breakers mounted in a panel box with each circuit labeled.
9.09	YES / NO	Wiring shall be high temperature, copper, multi-strand SXL crosslink coated wire. Wire shall be function coded every 3 inches for ease of maintenance.
9.10	YES / NO	All wiring to be protected with automotive type loom with a temperature rating of -30 degree to +194 degree Fahrenheit. Grommets shall be used when wiring through body.
9.11	YES / NO	Master battery disconnect located on the center console shall be a Cole Hersey manually operated, single battery system per NFPA. (This does not apply to chassis factory power)
9.12	YES / NO	The master electrical module shall be in the console between the front seats and shall have all master switches, emergency light switches and gauges. Switches shall have a light indicating when on and will be identified by back-lit tags.
9.13	YES / NO	A Kussmaul auto charge 1000 series battery conditioner, model 091-215-12, with a model 091-199-001 remote digital display shall be installed. The charger shall be mounted in a clean dry area and will be accessible for service and / or maintenance, the location for the remote digital display shall be determined during the pre-construction meeting.
9.14	YES / NO	A Kussmaul Super Auto Eject, Model 091-55-15-120, 15-amp automotive disconnect device provided and installed on the 110-volt shoreline connection complete with a yellow weatherproof cover. It shall be activated by the chassis starter switch to disconnect the plug, and completely sealed to prevent contamination from weather and road conditions. Note: Plug shall be on the driver side of the apparatus. The outlet and bar graph shall be mounted at the rear wheel well on Driver's side.
9.15	YES / NO	A keyless ignition or ignition key attached to the dash by a chain shall be provided.
9.16	YES / NO	A green "Battery On" light to be provided on the chassis dash.
9.17	YES / NO	A license plate light to be provided on the rear of the apparatus body.

SECTION 10: EMERGENCY SIGNAL & LIGHTING EQUIPMENT

10.00	YES / NO	One (1) Electronic Siren with microphone shall be provided with flush mount control head, located on the center console. Make:
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		Federal Signal, Model: EQ2B, Watts: 200
10.01	YES / NO	One (1) Electronic Speaker shall be mounted in chassis cab grill or front bumper area. The speaker shall be wired from the two-way radio to siren PA speaker. Make: Federal Signal, Model: BP200-Q, Watts: 200
10.02	YES / NO	<p>Lighting for upper zones A, B, & D. Whelen Freedom IV lightbar, with super LED R/C/R modules, (2) red left side corner, (2) red right side corner, (6) red front (3) right, (3) left, (2) alley lights (1) on each end and (2) takedown lights in the front center. It shall be mounted on top of cab roof. Note: The forward-facing white lights shall be deactivated when the vehicle is put in park.</p> <p>Upper Zones B&D: Two (2) LINZ65, Red with clear lenses, mounted rearward on the upper side of apparatus body (1) on each side.</p> <p>Upper Zone C: Two (2) LINZ65, Red and White with clear lenses, mounted on the upper rear of body (1) on each side.</p>
10.03	YES / NO	<p>Lighting for Lower zones, A.B.C &D: Whelen, Model LINZ65 Series and LINV2 Series, Super LED lights, shall be installed,</p> <p>Lower Zone A: Two (2) LINZ65, Red with clear lenses, mounted on the front of chassis grill</p> <p>Lower Zone B: Two (2) LINZ65, Red with clear lenses, mounted (1) forward on the chassis side fender and (1) rearward on the lower body.</p> <p>Lower Zone C: Two (2) LINV2, Red and White with clear lenses, mounted on the lower rear of body (1) on each side. The red shall have 6 LED lights and the white shall have 4 LED lights that work independently as a surface area.</p> <p>Lower Zone D: Two (2) LINZ65, Red with clear lenses, mounted (1) forward on the chassis side fender and (1) rearward on the lower body.</p>
10.04	YES / NO	<p>Six (6) LED ground lights shall be mounted and activated when the vehicle is placed in park.</p> <ul style="list-style-type: none"> • Four (4) below the cab doors (2) on each side • Two (2) below the rear tailboard.
10.05	YES / NO	Scene lights for zones, B.C &D: Whelen, Model M6ZC Series, LED scene lights, with inner optic to direct the light downward



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		<p>shall be installed,</p> <p>Upper Zone B: Two (2) M6ZC, mounted (1) forward and (1) rearward on the upper outer corners of the apparatus body.</p> <p>Upper Zone C: Two (2) M6ZC, mounted on the upper rear outer corners of the apparatus body, (1) on each side.</p> <p>Upper Zone D: Two (2) M6ZC, mounted (1) forward and (1) rearward on the upper outer corners of the apparatus body.</p> <p>Note: Each zone shall be activated by a separate lighted switch located in the chassis cab. The switches shall be labeled RIGHT SCENE, REAR SCENE & LEFT SCENE.</p>
10.06	YES / NO	Class 1 Tank Level Meter
10.07	YES / NO	One (1) Class One IFT Intelli-tank water tank level gauge and foam tank level gauge, which utilizes a pressure transducer ILO of probes to provide nine levels of indication shall be provided. Location: Water and foam gauge near pump at the rear.
10.08	YES / NO	An additional mini LED water level display and foam level display shall be located in chassis cab, mounted on top of the center console.
10.09	YES / NO	One (1) LED work light, mounted on the rear of tank to illuminate pump area, controlled from rear of apparatus.

SECTION 11: PAINTING, PRINTING, DECORATING, LETTERING, & SIGNS

11.00	YES / NO	The body subframe shall be undercoated with a heavy-duty automotive type undercoating before the rubber backing and the compartment are bolted on. After the body has been bolted onto the subframe and all final items have been installed the body shall be undercoat in the same manner.
11.01	YES / NO	The interior of the body compartments, with the exception of the floors, shall be finish painted with a light gray bed liner.
11.02	YES / NO	The compartment inner door panels shall be light gray bed liner to match interior of the body compartments.
11.03	YES / NO	All other metal surfaces shall be thoroughly cleaned with grease cutting agent and metal phosphate before primer is applied. All flanges on body which cannot be painted after assembly shall be primed and painted before assembly.
11.04	YES / NO	<p>Paint Process</p> <ul style="list-style-type: none"> Apparatus body washed with grease cutting solvents prior to sanding



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		<ul style="list-style-type: none"> • Minor imperfections on the body filled, and entire body is sanded • Body washed again to remove contaminants. • 1st coat- self etching primer for maximum paint adhesion to the metal body • 2nd and 3rd coat- acrylic urethane primer surface which is hand sanded with 600 grit sandpaper to insure maximum paint gloss. • 3 coats of Acrylic Urethane two-component color. • Painted finish is then properly cured and insures a long-term paint warranty.
11.05	YES / NO	Apparatus body to be painted red, to match the chassis paint. Note: (1) - 2oz bottle of touch-up paint shall be supplied with the completed truck.
11.06	YES / NO	6" black/charcoal reflective stripes to match the existing striping pattern of the fire department shall be provided on sides of chassis and body. "Sublette County Unified Fire" shall be outlined with white and placed inside the black reflective stripe.
11.07	YES / NO	Chevron reflective striping shall be installed on vertical rear surface above tailboard at a 45-degree angle. The color of chevrons will be yellow/red.
11.08	YES / NO	"Sublette County Unified Fire" Gerber-vision perforated window logo decals on both left and right rear chassis windows shall be applied.
11.09	YES / NO	"E- 355" engine numbering shall be applied to the front fenders and the rear face of the body to match the departments existing apparatus fleet.
11.10	YES / NO	A permanent plate shall be installed in the driver's compartment specifying the maximum number of personnel the vehicle is designed to carry per NFPA standards. It shall be located in an area visible to the driver.
11.11	YES / NO	An accident prevention sign stating "DANGER", personnel must be seated and seat belts must be fastened while vehicle is in motion, or "DEATH OR SERIOUS INJURY MAY RESULT" shall be provided. It shall be visible from each seating position.
11.12	YES / NO	An accident prevention sign stating "DANGER", do not ride on rear step while vehicle is in motion. "DEATH OR SERIOUS INJURY MAY RESULT" shall be provided. It shall be visible from the rear step area of the vehicle.
11.13	YES / NO	A permanent fluid plate, specifying the quantity and type of the following fluids that may be used in the apparatus for normal maintenance. Located in the chassis cab.



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	<ul style="list-style-type: none"> • ENGINE OIL • ENGINE COOLANT • CHASSIS TRANSMISSION FLUID • POWER STEERING FLUID • DRIVE AXLE LUBRICATION FLUID • PAINT COLOR NUMBER • Any other applicable fluids or data as required.
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SECTION 12: CAB CONSOLE & EQUIPMENT MOUNTING

12.00	YES / NO	<p>There shall be a custom designed console located between the front seats. It shall be designed to hold, if applicable, the items listed below.</p> <ul style="list-style-type: none"> • All vehicle warning light switches, terminations, and relays • Master power switch termination • Apparatus fuses and circuit breakers • There will be one (1) Kussmaul (#450-1000-0) 1000-watt inverter installed in the apparatus. The inverter shall be wired to the outlet in the center console. • Garmin GPS map 60x • Siren controller • Scene light control • Space for two-way mobile radio <ul style="list-style-type: none"> ○ Manufacturer shall install department supplied radio • 6" Map box to the passenger side of the console • Storage and space for items such as Kestrel 3000, (4) Bendix radio charger base at the rear, compass, binoculars, and an incident response pocket guide. (All items supplied by Department) • Four (4) 12-volt power ports at the rear of console • Four (4) cup holders (2 front, 2 rear) • Two (2) duplex household style receptacle towards the rear of the console <ul style="list-style-type: none"> ○ Tag Stating "Outlets do not supply power unless inverter is on". • Mini Water and foam level gauges • Pump engine control module • Pump gauge • Ground sweep controls
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APPENDIX A: EQUIPMENT & SUPPLIES

Reducers	
2 1/2" NH-F to 1 1/2"NH-M Reducer (On Hydrant Valve)	2
2 1/2" NH to 2" NPSH Reducer	1
1 1/2" NH-F to 1" NPSH-M Reducer	6
1 1/2" NH TO 1" NH Reducer (Painted Yellow)	1
1" NPSH-F to 3/4" NH-M Reducer	6
Increasesers	
3/4" NH-F to 1" NPSH-M Increaser	1
1" NPSH-F to 1 1/2" Male Increaser	1
Double Females/Males	
2-1/2" NPSH Double Female	1
1 1/2" NH Double Female	2
1 1/2" NH Double Male	2
1" NPSH Double Female	2
1" NPSH Double Male	1
Adapters	
1 1/2" NPSH-F to 1 1/2" NH-M Adapter	2
1 NH-F to 1" NPSH-M Adapter	1
Gasket Assortment	1 Pkg
Wyes	
1 1/2" Gated Wyes	3
1" Gated Wyes	3
3/4" Gated Wyes	6
Valves	
3/4" Shutoff	8
Hydrant Gate Valve	1
1" NPSH-F x 1" NPSH-M x 1" NPSH-M Tee w/ Cap	2
1 1/2" NH-F x 1 1/2" NH-M x 1" NPSH-M Tee w/ Valve	2
1 1/2" NH-F x 1 1/2" NH-M x 1" NPSH-M Tee w/ Cap	2
1 1/2" Ball Shutoff Valve	1
1 1/2" NH-F Automatic Check and Bleeder Valve	1
1 1/2" to 1" Water Thief	1



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Nozzles	
1" Ball Shutoff Valve	2
3/4" Foam Nozzle	2
1 1/2" Foam Nozzle	1
3/4" Adjustable Nozzle	8
1" Adjustable Nozzle	4
1 1/2" Adjustable Nozzle	2
Forester Nozzle	2
Forester Nozzle Fog Tips	2
Forester Nozzle Stream Tips	3
1" Barrel nozzle	1
1 1/2" Barrel nozzle	1
1" Pistol Grip Hose Reel Nozzle	1
Clamps & Wrenches	
Hose Clamps	2
Hydrant Wrench	1
5" Spanner Wrench	2

Hose	
1 1/2" NH Hose	1,000'
1" NPSH Hose	500'
3/4" Toy Hose	800'
2-1/2" NH Hose	25'

Hard Suction Hose	
2-1/2" Suction Hose	20'
2-1/2" Foot Valve	1
2-1/2" Strainer	1
2-1/2" Floating Strainer	1

Chainsaw Equipment	
Stihl 461 Magnum	1
Stihl 25" Bar	1
Air Filter	1
Clutch Cover	1
Star Wrench	1
Raker Guide	1



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Spark Plugs	2
Tuning Driver	1
25" Chainsaw Chains	2
8" Stackable Wedges	6
Pocket Wedges	4
Scrench	1
Raker Files	2
Chainsaw Files	16
Bastard File	1
Ear Plugs	4
2-Cycle Mix	4
Clutch Washer	1
Fuel Filters	2
E-clips	2
Fuel Tank Vent	1
Clutch Spring	1
Bar Nuts	2
Cover Plate Plastic Bumpers	1
Bearing	1
Fuel Caps	2
Chain Catcher	1
Chain Adjusting Screw	1
32" Chaps	1
36" Chaps	1
Dolmar	1
Saw Pack	1
Sigg Bottle Bag w/ Six Siggs Per Bag	1
Bar oil	1 Gallon
Personal Safety	
10-Person First Aid Kit	1
Safety Glasses	4
Earplugs	4
Spare Fire Shelter	1
Hard Hats	4
MRE's	1 Case
Line Gear	4 Packs
14-Day Bags	4 Bags



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Emergency Equipment & Tools

Tire Pressure Gauge	1
Tire Air Chuck	1
18" Rubber Bungee Cords	4
Collapsible Bucket	1
Roll of Plastic Sheeting	1
1" Ratchet Straps	6
Spare Tire (Provided with Chassis)	1
Tire Iron (Provided with Chassis)	1
Hydraulic Jack 20-ton	1
Locking Hitch Pin	1
Clevis Pins	2
2" Adjustable Pintle Hitch	1
Reflective Safety Vests	2
Tire Step	1
Emergency Reflectors	1 Set
Super-Yanker Tow Strap	1
Warn Winch Control	1
Hose Reel Crank Handle	1
Pump Filters: Air, Fuel and Oil	1 each
Wire Brush	1
Serpentine Belt	1
Jumper Cables	1
General Tool Kit - Sockets, Wrenches, Etc.	1
14" Pipe Wrench	1
Fencing Pliers	1
Electrical Tape Roll	1
Teflon Tape Roll	1
Baling Wire Roll	1
Vehicle Air Filters	1
Vehicle Fuel Filter	1
10 lb ABC Fire Extinguisher	1
Hand Tools	
Pulaski	2
Combination Tool	2
Rouge Hoe	2
Flapper	1



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Falling Axe	1
Sledge Hammer	1
Shovels	1
Mop-Up Wand	3
Bolt Cutters	1
Mcloud	1
Bladder Bags w/ Handpump	2
Miscellaneous Equipment	
Jet Boil	1
Jet Boil Fuel Canisters	4
Paper Towel Rolls	1
Flat of Batteries	1
Killer Tree Flagging Rolls	2
Red/White Stripe Flagging Rolls	4
Escape Route Flagging Rolls	3
Pink Flagging Rolls	6
P-Cord	300'
Flashing Beacon	1
Signal Mirror	1
Duct Tape	1
Fiber Tape	3
Radio Clam Shells	2
Belt Weather Kit	1
Helicopter Panel	1
Light Sticks	1
Foam Bucket Wrench	1
Fusees	1 Case
Spare Fluids	
WD-40	1
Power Steering Fluid	1 Quart
Funnel	1
Engine Coolant	1 Gallon
Automatic Trans Fluid	1 Quart
Brake Fluid	1 Bottle
Diesel Exhaust Fluid	2.5 Gallon
Windex	1 Bottle



SUBLETTE COUNTY UNIFIED FIRE

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Exterior Mounted Equipment	
Drip Torches	2
Yeti Cooler	1
Waterous Floto-Pump	1
Chock Blocks	2
Spare Class A Foam (5 Gallon Buckets)	2
Cab Equipment	
Kestrel 3000	1
Garmin GPSmap 60x	1
Bendix King Mobile Radio Charger Base	4
Rechargeable Handheld Flashlights	2
Bushnell Binoculars	1
IA Size-up Document Kit	1
Map Briefcase	1
Compass	1
Vehicle Book w/ all applicable forms	1
Current Emergency Response Guidebook	1
Owners and Operators Manuals	1
IRPG (current edition)	1



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APPENDIX B: PERFORMANCE COMPARISON SHEET

Please provide a brief summary (2 or 3 words) for the following components in your bid:

- 1) Proposal Price:
- 2) Delivery Date:
- 3) Gross Vehicle Weight Rating:
- 4) Vehicle Chassis Make/Model:
- 5) Vehicle Engine Make/Model:
- 6) Chassis Transmission Make/Model:
- 7) Vehicle Cab Seating Capacity:
- 8) Chassis Under Vehicle Clearance:
- 9) Skid Plate Protection Description:
- 10) Chassis Wheelbase:
- 11) Cab to Axle Length:
- 12) Chassis Turning Radius:
- 13) Wall to Wall Turning Radius:
- 14) Chassis Auxiliary Brake Type:
- 15) Body Height:
- 16) Body Width:
- 17) Body Length:
- 18) Angle of Approach:
- 19) Angle of Departure:
- 20) Fabrication Material:
- 21) Corrosion Protection:
- 22) Compartment Equipment Storage Volume in Cubic Feet:
- 23) Pump Make/Model:
- 24) Pump Capacity:
- 25) Auxiliary Pump Engine Make/Model:
- 26) Pump & Roll Cab Control Description:
- 27) Priming System Make/Model:
- 28) Winterization Protection Description:
- 29) Foam Proportioning System Make/Model/Capacity:
- 30) Water Tank Capacity:
- 31) Foam Tank Capacity:
- 32) Water Tank Construction:
- 33) Pump Discharge Outlet Locations:
- 34) Ground Sweep Description:
- 35) Hose Reel Make/Model/Capacity:
- 36) Battery Charger Make/Model:
- 37) Warning Devices Make/Model:
- 38) Winch Make/Model/Capacity: