

BID CERTIFICATION

**Bid 25-06: Two (2) Light Duty Rescues (550 or 5500 series chassis)
for use by Houston County Fire Department**

Truck Make/Year/Model Bid: _____

Equipment Bid: _____

Projected Delivery Date: _____

Your Delivered Bid Price: _____

Warranty: _____

I hereby certify that my bid quote meets or exceeds Houston County Board of Commissioners' bid specifications. In compliance with this bid request, bidder agrees if this bid is accepted within thirty (30) days from opening, to furnish any or all items upon which prices are quoted, at the price set opposite each item and to deliver item(s) as they were bid. By signing below, bidder certifies that he/she has read, understands and is able to comply with all requirements included in this bid package.

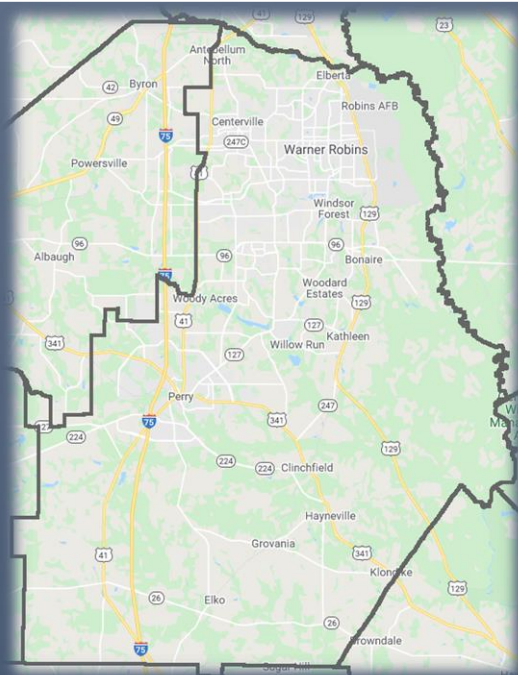
Company Name *Contact Person*

Address

Telephone Number *Fax Number* *E-Mail Address*

Authorized Signature *Printed Name* *Date*

September
2024



Houston County Bid Specifications – Light Duty Rescue

HOUSTON COUNTY FIRE DEPARTMENT
102 CHIEF WILLIAMS DR, KATHLEEN, GA 31047

| Specification | Bidder Complies | |
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| | YES | NO |
| <p><u>Quantity / Additional Bid Option</u></p> <p>Bids are being solicited for the purchase of two (2) Light Duty Rescues (550 or 5500 series chassis) to the below specifications. Houston County reserves the right to award two (2) Light Duty Rescues to the most appropriate bidder based on total cost savings and what is most advantageous for Houston County at the time bids are reviewed.</p> <p>This bid is for vehicle and equipment. It is preferred to be all inclusive (Vehicle & Equipment) to a single vendor, however, to ensure the most advantageous purchase for Houston County bids may be submitted for just the vehicle and or just the equipment. Ensure to follow the guidelines in “Exceptions” section of this document if not submitting a complete bid.</p> | | |
| <p><u>Intent of Specifications</u></p> <p>It is the intent of these specifications to clearly describe the furnishing and delivery to the Purchaser, a complete apparatus equipped as specified. The primary objective of these specifications is to obtain the most acceptable apparatus for service in the Fire Department. These specifications cover specific requirements as to the type of construction and tests the apparatus must conform, together with certain details as to finish, material preferences, equipment, and appliances with which the successful bidder must conform.</p> <p>The design of the apparatus must embody the latest approved automotive design practices. The workmanship must be of the highest quality in its respective field. Special consideration shall be given to service access to areas needing periodic maintenance, ease of operation, and symmetrical proportions. Construction must be heavy-duty and ample safety factors must be provided to carry loads as specified. The construction method employed will be in such a manner as to allow ready removal of any component for service or repair.</p> <p>The apparatus shall conform to the National Fire Protection Association Standard for Automotive Fire Apparatus, number 1901, in its most recent edition, unless otherwise specified in this document. Only the specified firefighting support equipment listed in these specifications shall be provided.</p> <p>The apparatus shall further conform to all Federal Motor Vehicle Safety Standards. No exception.</p> <p>Each bidder shall furnish satisfactory evidence of their ability to design, engineer, and construct the apparatus specified and shall state the location of the factory producing the apparatus. They shall also substantiate they are able to render prompt and proper service and to furnish replacement parts for the apparatus.</p> <p>Each bid must be accompanied by a set of detailed contractor's specifications consisting of a detailed description of the apparatus and equipment proposed. All bid proposal specifications must be in the same sequence as the advertised specification for ease of comparison. These specifications shall include size, location, type, and model of all component parts being furnished. Detailed information shall be provided on the materials used to construct all facets of the apparatus body. Any bidder who fails to submit detailed construction specifications, or who photocopies and submits these specifications as their own construction details will be considered non-responsive and shall render their proposal ineligible for award. No exception.</p> | | |

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| <p><u>Exceptions</u></p> <p>The following apparatus specifications are considered minimum design and construction standards against which the apparatus will be inspected. It is the intent to receive proposals on equipment/apparatus meeting the attached detailed specifications in their entirety. Any proposals being submitted, without "Full Compliance" with these specifications shall so state on the bid proposal page, followed by a detailed "Letter of Exceptions" listing the areas of non-compliance. The reference must include page number, paragraph, and the exact nature of the exception.</p> <p>Failure to follow this format, provided for the convenience of the Purchaser, will render the vendor's proposal non-responsive and ineligible for award of contract.</p> <p>The Purchaser may add the statement "No Exception" to a component or design feature in these specifications. In the interest of fleet conformity or specific performance requirements, the Purchaser will not permit exceptions taken to these item(s). The Purchaser reserves the right to reject any or all bid proposals and purchase the equipment it deems most suitable to its needs. The Purchaser does not, in any way, obligate itself to accept the lowest or any bid. Any bidder taking total exception to the complete specification, or a major element will result in immediate rejection of the proposal.</p> | | |
| <p><u>Design & Inspection</u></p> <p>A Design (pre-construction) Conference shall be held at the manufacturing facility. During this conference, 4 representatives from Houston County Fire Department will meet with the manufacturer to verify and finalize all design components prior to construction.</p> <p>A Final Inspection will be conducted at the manufacturing facility prior to the delivery of the apparatus. During this inspection, 4 representatives from Houston County Fire Department will conduct an inspection to ensure apparatus meets design specifications.</p> <p>All Travel, Food, and lodging will be provided by the manufacturer for the Design Conference and the Final Inspection for the 4 representatives from Houston County Fire Department.</p> | | |
| <p><u>Certificate of Insurance</u></p> <p>Each bidder shall furnish, with their proposal, a Certificate of Product Liability. Failure to provide this documentation shall render the proposal non-responsive and the bid shall be rejected. This certificate shall be from the prime builder only. Certificates submitted from various sub-contractors will not be acceptable as meeting the requirements of this section.</p> <p>If one of the major portions of the apparatus (i.e., chassis or body) is not designed, fabricated, and assembled by the prime builder, a separate Certificate of Liability must be provided by each additional contractor.</p> <p>The Certificate must be made out to the Purchaser and must be original. Submission of a non-original Certificate or a Certificate provided that is not made out to the Purchaser will not meet the requirements of this section.</p> | | |

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| <p><u>Award</u></p> <p>Houston County will review all bids received within the specified dates. The contract, if awarded, will be awarded to the responsible bidder whose proposal is MOST advantageous to Houston County. Ability to meet bid specifications, manufacturer history with Houston County, financial stability, warranties, and pricing will all be considered when determining the award recipient. Houston County will be responsible for making said determination.</p> | | |
| <p><u>Delivery</u></p> <p>The bidder shall state the time required for delivery of the completed unit on the proposal page. The completed unit shall be delivered to the purchaser with full instructions provided to Fire Department personnel on operation, care, and maintenance of apparatus at the purchaser's location.</p> <p>Once contract is signed and delivery date is established, bidder must meet the delivery date or penalties of \$100 per day will be incurred.</p> | | |
| <p><u>Warranties</u></p> <p>General</p> <p>The cab and chassis shall carry a Factory warranty providing parts and labor from the date the complete apparatus is delivered to the end user.</p> <p>Paint & Finish</p> <p>Paint and finish shall be warranted for a period of at least five (5) years from the date the complete apparatus is delivered to the end user.</p> <p>Cab Structure</p> <p>Shall have factory warranty</p> <p>Engine</p> <p>The engine shall be warranted for a period of five (5) years or 100,000 miles from the date the complete apparatus is delivered to the end user.</p> <p>Transmission</p> <p>Shall have factory warranty</p> <p>Emissions System</p> <p>Shall have factory warranty</p> | | |

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| <p>Body Structural</p> <p>The body structure shall be warranted for a period of at least ten (10) years or 100,000 miles from the date the complete apparatus is delivered to the end user.</p> | | |
| <p><u>Approval Drawings</u></p> <p>A general arrangement drawing depicting the vehicles appearance shall be provided. The drawing shall consist of left side, right side, front, and rear elevation views.</p> | | |
| <p><u>Manuals</u></p> <p>Two (2) copies of all operators, service, and parts manuals MUST be supplied at the time of delivery in digital format -NO EXCEPTIONS! The electronic manuals shall include the following information:</p> <ul style="list-style-type: none"> • Operating Instructions, descriptions, specifications, and ratings of the cab, chassis, body, aerial (if applicable), installed components, and auxiliary systems. • Warnings and cautions pertaining to the operation and maintenance of the fire apparatus and firefighting systems. • Charts, tables, checklists, and illustrations relating to lubrication, cleaning, troubleshooting, diagnostics, and inspections. • Instructions regarding the frequency and procedure for recommended maintenance. • Maintenance instructions for the repair and replacement of installed components. • Parts listing with descriptions and illustrations for identification. • Warranty descriptions and coverage. <p>The electronic document shall incorporate a navigation page with electronic links to the operator`s manual, service manual, parts manual, and warranty information, as well as instructions on how to use the manual. Each copy shall include a table of contents with links to the specified documents or illustrations.</p> <p>The electronic document must be formatted in such a manner as to allow not only the printing of the entire manual, but to also the cutting, pasting, or copying of individual documents to other electronic media, such as electronic mail, memos, and the like.</p> <p>A find feature shall be included to allow for searches by text or by part number.</p> <p>These electronic manuals shall be accessible from any computer operating system capable of supporting portable document format (PDF). Permanent copies of all pertinent data shall be kept file at both the local dealership and at the manufacturer`s location.</p> | | |
| <p><u>Chassis</u></p> <p>The chassis shall be a 550 series or 5500 series chassis. The chassis shall have four-wheel drive.</p> | | |
| <p><u>Engine</u></p> <p>Shall be a diesel motor, factory supplied for which chassis shall be delivered.</p> | | |

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| <p><u>Transmission</u></p> <p>Factory supplied transmission for the chassis supplied</p> | | |
| <p><u>Body</u></p> <p>Body shall consist of a minimum of a 12-foot box capable of accommodating all equipment listed in the bid.</p> | | |
| <p><u>Alternator & Battery System</u></p> <p>Alternator shall be a high output Alternator(s)</p> <p>System shall be designed to support all DC lights, accessories, and inverter with a minimum twenty (20) percent reserve capacity. Electrical load test shall be provided at final inspection.</p> | | |
| <p><u>Battery Charger & Shore Power Plug</u></p> <p>The shore power plug shall be located on the driver's side of cab.</p> <p>A Kussmaul Auto Charge WP Kit 51-02-1106 automatic disconnect device shall be provided and installed on the 110-volt shoreline connection complete with weatherproof cover and matching plug. The Auto-Eject shall be activated by the chassis starter switch to disconnect the plug.</p> <p>One (1) Kussmaul battery charger display shall be installed near the shore power plug.</p> | | |
| <p><u>Inverter</u></p> <p>There shall be a DC to AC power inverter system with an AC transfer switch furnished on the apparatus. The shore power shall be connected to the system AC output receptacle to supply power to the AC load. When the vehicle is underway and the shoreline power is disconnected, the automatic transfer switch connects the AC output receptacle to the power inverter that obtains power from the 12-volt battery system.</p> <p>Inverter shall be large enough to support all 120V charging demands for equipment listed in these specifications. Outlets / Receptacles shall be provided inside the left side over wheel compartment, and right side wheel well area, left side wheel well area, and rear of the truck</p> | | |
| <p><u>Fuel & DEF Tanks</u></p> <p>The fuel tank shall be equipped with a 2" diameter filler neck. The filler neck shall extend to the rear of the vehicle behind the rear tires and away from the heat of the exhaust system as required by NFPA 1901 Standard for Automotive Fire Apparatus. The open end of the filler neck shall be equipped with a twist-off filler cap with a retaining chain.</p> <p>The tank shall be plumbed with top-draw and top-return fuel lines to protect the lines from road debris. Bottom-draw and/or bottom-return fuel lines are not acceptable. A vent shall be provided at the top of the tank. The vent shall be connected to the filler neck to prevent splash-back during fueling operations. A .50" NPT drain plug shall be provided at the bottom of the tank.</p> | | |

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| <p>The fuel tank shall have a minimum useable capacity of 40 gallons of fuel with a sufficient additional volume to allow for thermal expansion of the fuel without overflowing the vent.</p> <p>DEF tank shall be a minimum of 5 gallons.</p> | | |
| <p><u>Exterior Paint</u></p> <p>Paint scheme will be two-tone. Black over red design separated by a line of simulated gold leaf decal. Paint colors to match existing Houston County trucks and will be specified at design meeting.</p> <p>Surface prep and paint process shall meet the highest industry standards and support the warranty listed in these specifications.</p> | | |
| <p><u>Interior Compartment Finish</u></p> <p>Apparatus side compartment interiors are to be painted with a spatter finish material. The compartments shall be cleaned with a grease remover, and then the surface sanded and prepared for painting. The compartment shall be provided with two (2) coats of white epoxy. The compartments are then coated with a splatter paint topcoat.</p> | | |
| <p><u>Reflective Striping</u></p> <p>A 1" x 4" x 1" wide 3M brand Scotchlite reflective multi-stripe shall be affixed to the perimeter of the vehicle. There shall be a 1" gap between each of the stripes. Striping shall conform to applicable NFPA requirements. At least 50% of the perimeter length of each side and width of the rear, and at least 25% of the perimeter width of the front of the vehicle shall have reflective striping.</p> <p>Color of striping will be black to match the top color of apparatus. Striping should be in a “Z” pattern.</p> | | |
| <p><u>Chevron Striping</u></p> <p>The entire rear portion of the body shall have 3M reflective red and yellow striping installed. The chevron style striping shall be applied at a 45-degree upward angle pointing towards the center upper portion of the rear panel.</p> <p>The forward edge of the front bumper shall also have 3M reflective red and yellow striping installed. The chevron style striping shall be applied at a 45-degree upward angle pointing towards the center upper portion of the bumper.</p> | | |
| <p><u>Front Bumper</u></p> <p>The front bumper shall be Ranch Hand (Bumper and Grill Guard) or similar design. Bumper to include tow hooks and heavy-duty winch.</p> <p>Winch to include synthetic rope and have a wight rating of at least 16,500 lbs.</p> | | |

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| <p><u>Simulated Gold Leaf</u></p> <p>The lettering and decals shall be applied in simulated gold leaf material, shaded in black and encapsulated in clear Mylar.</p> <p>Driver and Officer front cab doors shall have fire department logo.</p> <p>Driver and Officer rear compartment doors shall have emergency 911 logo.</p> <p>Back compartment door shall have “Stay Back 500 Feet” lettering.</p> <p>Back compartment door shall have fire department logo.</p> <p>All lettering and decals will require CAD rendering for approval prior to final inspection.</p> | | |
| <p><u>Cab Design</u></p> <p>The cab shall have seating for Four personnel. 1 driver seat and 3 air pack mounted 911 style seats. One for the passenger seat and 2 for the rear seats. The center console shall be a custom made and or Havis style console to hold Equipment listed below</p> | | |
| <p><u>HVAC</u></p> <p>Shall have factory supplied HVAC</p> | | |
| <p><u>Cab Windows</u></p> <p>All cab windows shall be tinted. Side/rear windows shall be 15%.</p> | | |
| <p><u>Side/Rear View Mirrors</u></p> <p>Factory supplied</p> | | |
| <p><u>Seats</u></p> <p>All seats shall be 911 Seats Incorporated (911 Seats XL) and shall be covered in heavy duty material. (Turnout style material preferred)</p> <p>Drivers seat shall be a non SCBA seat with electronic adjustments.</p> <p>All other seats shall be SCBA seats and shall include a Ziamatic brand EZ-LOC® mechanical self-contained breathing apparatus (SCBA) bracket. The Positive Locking Mechanical walk away bracket shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of fire truck cabs. The bracket shall be third Party tested to ten (10) times the force of gravity.</p> <p>All seats shall have an under-seat storage compartment provided.</p> | | |

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| <p><u>Center Dash Console</u></p> <p>The center dash console should be of a heavy duty and modular design.</p> <p>Console shall be coated in a durable finish such as Line-X or equivalent.</p> <p>Console shall include wiring and space capable of mounting the following equipment: (Equipment provided by and installed by bidder unless otherwise specified)</p> <ul style="list-style-type: none"> • Motorola APX4500 Radio (Bidder to provide cabling and antennae from console to roof) (Fire Department to provide Radio) • Kenwood NX-3720 VHF Radio (Bidder to provide cabling and antennae from console to roof) (Fire Department to provide Radio) • Federal Signal Pathfinder Control Head (PF-400 series) • Federal Signal MicroPulse Signal Master Control Head <p>Console shall also include cup holders and USB power points near each seating position.</p> | | |
| <p><u>Apparatus Camera System</u></p> <p>FRC Inview 360 or equivalent. System to provide the driver with split screen view. The bird's-eye view is always visible providing a 360 view around the apparatus. This unique view allows the operator to see pedestrians and obstacles near the apparatus. The second view on the display switches between front/left/right/rear views depending on the operational conditions. The system is networked between the turn signals, and vehicle reverse so the screen automatically switches to left, right, and rear viewing when turning or backing up.</p> | | |
| <p><u>AM/FM/CD Radio with Weatherband</u></p> <p>A radio receiver shall be located in the factory mounting area. The receiver shall handle vibrations, temperature fluctuations, and humidity with ease. The front panel's protective covering shall keep out any dust and debris.</p> <p>The receiver's AM and FM tuner shall feature presets for radio stations, and the Weather Band tuner shall include automatic NOAA weather for alerts to any severe weather. The receiver shall be SiriusXM ready, PA system ready, and feature a compact disc player. A portable player jack shall be available on the front and rear of the receiver.</p> <p>The receiver shall be Bluetooth-enabled for phone use and stereo control and be iPod/iPhone ready via a front USB port.</p> <p>The buttons and LCD display shall feature backlighting for easy reading in all lighting conditions.</p> | | |
| <p><u>Interior Overhead Lighting</u></p> <p>One (1) dual color red and white dome lamp shall be installed in the center of the cab for crew lighting. It can take place of the original dome light included with the cab.</p> | | |

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| <p><u>Ground Lighting</u></p> <p>Each door shall include an LED NFPA compliant ground light mounted to the underside of the cab step below each door.</p> <p>Additional perimeter lights shall be included to ensure 360-degree ground lighting around apparatus.</p> <p>Each light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life.</p> <p>All ground lights shall automatically activate when the parking brake is applied.</p> | | |
| <p><u>Engine Compartment Lighting</u></p> <p>Two (2) LED lights shall be mounted to the engine compartment in such a fashion as to provide as much light as possible to the engine compartment area. The engine compartment lighting shall activate with the tilting of the cab.</p> | | |
| <p><u>Backup/Turn/Tail Lights</u></p> <p>Federal Signal FireRay lighting shall be utilized for Backup, Turn, and Brake/Tail lights. Lights should be 6"x4".</p> | | |
| <p><u>Front Scene Light</u></p> <p>The Valor series lightbar shall be programmed to flood white light and any additional lights installed that have the ability to flood white shall be programmed into one switch.</p> | | |
| <p><u>Side Scene Lights</u></p> <p>Four (4) Federal Signal FireRay 7"x3" white LED lights or Federal Signal Police/Fire 7"x3" LED Scene lights shall be mounted on each side (2 per side) Near the emergency light at the corner of the box</p> <p>Lights to be activated with scene light switches</p> | | |
| <p><u>Rear Scene Lights</u></p> <p>Two (2) Federal Signal FireRay 6"x4" white LED lights or Federal Signal Police/Fire 6"x4" LED Scene lights shall be mounted on each side of the rear near the top of the body.</p> <p>Lights to be activated with scene light switches as well as with activation of reverse lights.</p> | | |
| <p><u>Scene Light Controls / Switches</u></p> <p>All scene lights shall be activated by switches located in the cab. The cab control switches shall be integrated into the Federal Signal Pathfinder.</p> | | |

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| <p>Switches shall be labeled similar to the following:</p> <ul style="list-style-type: none"> • FRONT SCENE • LEFT SCENE • RIGHT SCENE • REAR SCENE | | |
| <p><u>Lightbar</u></p> <p>One (1) Federal Signal Valor light bar shall be included with the apparatus cab. The light bar shall be mounted on the roof of the cab.</p> <p>White lights shall be included in the center of the bar and disable with transmission in “park”.</p> <p>White flood functions should be programmed into the control head</p> | | |
| <p><u>Perimeter Warning Lights</u></p> <p>Federal Signal FireRay 7”x3” lights shall be installed in the following locations. (Final location to be determined by Fire Department during design meeting)</p> <ul style="list-style-type: none"> • Two (2) Front grill Dual color red/white • Two (2) front side panel for intersections Dual color Red/White • Four (4) Upper Level (On each corner of the box) • Two (2) Lower Level (On each side near Middle) <p>Federal Signal FireRay 6”x4” lights shall be installed in the following locations. (Final location to be determined by Fire Department during design meeting)</p> <ul style="list-style-type: none"> • Two (2) Lower Rear (On each side near taillight cluster) • Two (2) Upper Rear (On each corner) <p>Lighting locations to comply with NFPA zoning standards.</p> | | |
| <p><u>Traffic Arrow Light</u></p> <p>One (1) Federal Signal MicroPulse SignalMaster, Model MPSSM42-A-30, 42" six (6) amber MicroPulse 1200 lamp units shall be installed at rear of the apparatus body.</p> | | |
| <p><u>Electronic Siren</u></p> <p>One (1) Federal Signal Pathfinder electronic siren, model #PF400QS17B, shall be mounted in the cab console. The Pathfinder shall consist of a remote-control head and a separate amplifier and relay unit. This unit features a four (4) position slide switch for progressive response modes, Seventeen (17) LED backlit buttons, Four (4) FS Convergence Network Ports, seven (7) programmable inputs, Sixteen (16) programmable outputs, integrated dual siren tone capability, Convergence Network lightbar control, integrated Convergence Network SignalMaster capability with indicator lights on control head, library of digital siren tones, and shall have an RJ11 type PA microphone plugged into the remote head.</p> | | |

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| <p>The Pathfinder siren features a 400-watt output requiring two (2) ES100C 100W speakers for dual tone capability and One (1) rumbler RBKIT-SOLO speaker with correct vehicle mounting kit</p> <p>All emergency lighting, SignalMaster, siren, and body mounted scene lights shall be wired into the Pathfinder control box. The Pathfinder siren will be fitted with a public address system in conjunction with the siren function. A noise cancelling microphone shall be plugged into the control head. The Pathfinder control box will be installed within the custom console. The emergency lighting as it is reflected in the Pathfinder siren shall be activated as follows:</p> <ul style="list-style-type: none"> • Slide Position 1: All rear warning lights. • Slide Position 2: All front & rear warning lights. • Slide Position 3: All front, rear, and traffic clearing white warning lights. <p>The white lights will also feature a cut-out switch (White Light Disable) within the Pathfinder siren to allow for deactivation when operating in position 3 in case of fog or snow to minimize reflection. The white lights shall also deactivate with the transmission in “Park”.</p> | | |
| <p><u>Electronic Siren Speaker</u></p> <p>Two (2) Federal Signal DynaMax 100-watt speaker, Model #ES100C, shall be installed. The speakers shall feature a Neodymium driver and a high strength composite housing that is chemical resistant and maintains rigidity at high temperatures.</p> <p>Speakers shall be mounted inside the front bumper. One on each side near air horns.</p> <p>Speakers shall have stainless steel grille installed on the speaker.</p> <p>Two (2) Rumbler Speakers shall be mounted in approved location from the manufacture</p> | | |
| <p><u>Air Horns</u></p> <p>Two (2) chrome plated air horns shall be recess mounted into the front bumper. One shall be mounted on each side of bumper near electronic siren speakers.</p> <p>Two (2) foot switches shall be provided for air horn activation. Foot switches will be placed on both driver and officer sides.</p> <p>Approved Compressor and tank to be installed by manufacture recommendations</p> | | |
| <p><u>Folding Wheel Chocks</u></p> <p>Two (2) Zico model SAC-44, aluminum folding wheel chocks shall be provided. Wheel Chocks to be mounted under the driver’s side of apparatus between front and rear wheels.</p> | | |
| <p><u>Compartments and Doors</u></p> <p>All compartments shall be full height if possible.</p> <p>All compartments shall have roll up doors with LED lighting to ensure full compartment lighting at night.</p> | | |

A bungee type strap shall be provided on the roll-up doors to assist in closing the door. The strap shall be affixed to both the door and the interior, so the strap stays inside the compartment when lowering. The strap shall be provided on full height and high side (upper) compartments.

Each compartment should be designed to accommodate the following listed equipment. Design of each compartment should account for shelf, trays, straps, etc. capable of storing equipment in the most effective and efficient manor leaving room for future equipment additions by fire department. Equipment shall be provided and mounted by the vendor. Equipment listed in the compartment sections is just for space allocations in design. Full equipment list is provided at the end of these specifications.

Apparatus manufacturer will be responsible for equipment mounting. If bid is split between equipment and vehicle, Houston County Fire Department will ensure equipment is delivered to apparatus manufacturer for installation.

Left Front Compartment

Pass-through to Right Front Compartment

- Tray for stokes basket
 - (1) Junkin Plastic Litter Basket Stretcher
- Equipment to be Stored in Stokes Basket
 - (1) CMC Double Clutch Twin Tension Rope System
 - (2) CMC Fire Rescue Harness (L/XL)
 - (2) Team Wendy SAR Tactical Helmet (Red)
 - (1) Rock-N-Rescue Webbing Kit
 - (1) 75' Rescue Throw Bag
 - (1) Rope bag with 50' Utility Rope
 - (1) Yates 435 Stokes Pre Rig
- Tray for back board (Backboard provided by department)
- Tool board that can be accessed from either side
 - (3) 6' NY Roof Hook 6'
 - (1) 6' Pike Pole
 - (2) 4' Pike Pole
 - (1) Spade Shovel
 - (1) Flat Shovel
 - (1) 36" Crowbar
 - (1) 36" Bolt Cutter
 - (2) 30" Halligan Bar (Probar)
 - (2) Flat head axe (6lb)
 - (1) 2lb Sledgehammer
 - (1) 10lb Sledgehammer
 - (1) Glas-Master Windshield Tool

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| <p>➤ Bottom Storage Area</p> <p>Space reserved for driver’s PPE (1) Scott X3 Pro NFPA w/ Pak Track</p> | | |
| <p><u>Left Over Wheel Compartment</u></p> <p>Swing Out Tool Board preferred. Compartment must have power run from inverter and designed to accommodate charging stations for Milwaukee batteries as well as Thermal Imager and Streamlights.</p> <ul style="list-style-type: none"> (1) Bullard NXT Pro (1) Bullard Retractable Strap (1) Bullard Truck Charger for NXT (3) Streamlight Survivor X with Charger (2) Streamlight Fire Vulcan LED Boxlights w/ Charging Mounts (1) Milwaukee M18 Fuel ½" Hammer Drill/ Driver (1) Milwaukee M18 Fuel ¼" Impact Driver (1) Milwaukee M18 Fuel ½" Compact Impact Wrench (2855-20) (1) Milwaukee M18 Fuel 4-1/2" / 5" Dual Trigger Braking Grinder (2986-20) (1) Milwaukee SAWZALL Recip Saw (1) Milwaukee 29pc Shockwave Red HLIIX Drill Bit Set (4) Milwaukee XC12.0 Batteries (10) Milwaukee XC8.0 Batteries (1) Milwaukee M18 Six Pack Sequential Charger (1) Milwaukee SAWZALL 10pc Metal and Wood Blade Set (2) Wood Blades for Cut off Saw (2) Metal Blades for Cut off Saw (2) Masonry Blades for Cut off Saw (2) 50' Extension Cord | | |
| <p><u>Left Rear Compartment</u></p> <ul style="list-style-type: none"> (1) Stihl MS462 C-M Chainsaw (1) Stihl MS462 R C-M Chainsaw (1) Stihl TS420 Cut Off Saw (1) Milwaukee M18 Cut Off Saw (2786-20) (1) Milwaukee M18 Fuel Blower (2724-20) (1) Tele-Lite TEU Honda LED Light/ Generator (2) Chainsaw Chaps (1) Topsaw TSPWP-BL Chainsaw Multitool w/ Case (1) 1 Gallon Fuel Can (1) 2 Gallon Fuel Can (1) 2.5 Gallon Water Extinguisher (1) 20lb ABC Extinguisher | | |
| <p><u>Right Front Compartment</u></p> <p>See Left Front Compartment for Passthrough equipment</p> | | |

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| <p>➤ Bottom Storage Area</p> <ul style="list-style-type: none"> (1) Trauma Bag (department provided) (1) Oxygen Bag (department provided) (1) Cervical Bag (department provided) (1) Suction Unit (department provided) | | |
| <p><u>Right Over Wheel Compartment</u></p> <ul style="list-style-type: none"> (1) Scott RIT-Pak Fast Attack (6) Fol-da-tank 12' x 14' Salvage Covers (1) Igloo 3 Gallon Plastic Water Cooler (1) Craftsman Versastack 262 Mechanic Tool Set (1) Craftsman 48pc Combination ½" Drive Impact Socket Set (CMMT16548) (1) Craftsman V-Series 8pc Screwdriver Set (1) Kobalt 10pc Household Tool Set (1) Craftsman Versastack 17" Tool Bag (1) Super Brite LED Road Flare Kit (1) 28" Collapsible Traffic Cones (High Visibility w/ Reflective Trim in Case) 5/ Case (1) 5 Gallon Bucket for Oil dry w/ Lid. (1) Electric Vehicle Emergency Plug | | |
| <p><u>Right Rear Compartment</u></p> <ul style="list-style-type: none"> (1) Set of 2 Auto Crib-It Madel AC17 (1) Turtle Plastics Cribbing Set (Auto X Tool Kit A) (4) Holmatro V Struts (2) Paratech Remote Multiforce Bag Kit (1) Ajax Rescue Tools 911-Super Duty Kit (2) G80 Chain w/ grab hooks 16' (1) 3 Ton lever hoist w/ 20' chain (1) RTJ cluster hook set (1) 15" Long Shank "J" hook with tow chain (2) 2"x 27" ratchet tie down straps (1) 20lb ABC Extinguisher (1) 2.5 Gallon Water Extinguisher (1) 20 Ton Bottle Jack | | |
| <p><u>Rear Center Compartment</u></p> <ul style="list-style-type: none"> (1) TNT Rescue Storm Surge Spreader (ES100-28-18V) (1) TNT Rescue Storm Surge Cutter (EBFC-320-18V) (1) TNT Rescue Storm Surge Ram (ETLS-40-18V) (1) Extension Kit for TNT Rescue Storm Surge Ram (1) T&J Rescue TL9 Stabilizer <p>➤ Ladder Tunnel</p> <ul style="list-style-type: none"> (1) Alco-Lite Model CJL-14 (14' combination ladder) (1) Duo Safety Series 925 A 3 Section (26' extension ladder) | | |

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| <p><u>Left Wheel Well Provision Compartment</u></p> <p>One (1) breathing air cylinder storage compartment for two (2) SCBA cylinders shall be provided and located in the front portion of the rear wheel well of the apparatus body.</p> <p>The cylinder storage compartment shall be constructed entirely of aluminum. The door assemblies shall be provided with a gasket between door and body side, bolted in-place and removable for repair or replacement.</p> <p>Compartment shall be provided with SCBA cylinder scuff protection. A painted aluminum door shall be installed.</p> <p>The fuel fill shall be located in the rear portion of the rear wheel well of the apparatus body. Fuel fill shall have a door assembly provided to match SCBA cylinder storage.</p> | | |
| <p><u>Right Wheel Well Provision Compartments</u></p> <p>One (1) breathing air cylinder storage compartment for two (2) SCBA cylinders shall be provided and located in the front portion of rear wheel well of the apparatus body.</p> <p>The cylinder storage compartment shall be constructed entirely of aluminum. The door assemblies shall be provided with a gasket between door and body side, bolted in-place and removable for repair or replacement.</p> <p>Compartment shall be provided with SCBA cylinder scuff protection. A painted aluminum door shall be installed.</p> | | |
| <p><u>Folding Steps & Handrails</u></p> <p>Folding steps and handrails shall be provided, as needed, in accordance with NFPA specifications. All steps shall be provided with LED lighting to ensure step is highly visible during nighttime use.</p> | | |
| <p><u>Rub Rails</u></p> <p>Full body length polished aluminum rub rails shall be bolted in place on the lower right and left body sides. The side rub rails shall be a heavy extruded aluminum "C" channel.</p> <p>There shall be nylon spacers provided between the rub rail and the body. This shall allow wash out and replacement in the event of damage.</p> | | |
| <p><u>Equipment List</u></p> <p>The following equipment shall be provided and mounted by the bidder prior to fire department acceptance. This equipment is listed in the above specifications by compartment. This list is provided to prevent anything from being overlooked and to simplify bidding.</p> | | |

All equipment is to be mounted with appropriate mounting hardware in the compartment specified in the above specifications. Bidder is responsible for determining the mounting hardware unless it is specified below. Bidder is also responsible for providing upfit / mounting accessory solutions of all equipment. This may include trays, shelves, straps, etc. that are needed to ensure equipment remains organized and is mounted appropriately to provide for maximum use of compartment space.

SCBA: (Quantity specified below)

- (4) Scott X3Pro, NFPA 2018 w/Pak Track (X8814021305303)
- (9) Scott 4500/45 Minute Cylinder (804722-01) (2 per SCBA, 1 for RIT pack)
- (4) Scott AV3000 5 Strap Mask (1 per SCBA)
- (1) Scott RIT-Pak Fast Attack

Thermal Imager:

- (1) Bullard NXT Pro
- (1) Bullard Retractable Strap
- (1) Bullard Truck Charger for NXT Pro

Gas Power Equipment:

- (1) Stihl MS462 C-M Chainsaw
- (1) Stihl MS462 R C-M Chainsaw
- (1) Stihl TS420 Cut Off Saw
- (1) Tele-Lite TEU Honda LED Light/Generator
- (2) Metal Blades for Cut Off Saw
- (2) Wood Blades for Cut Off Saw
- (2) Masonry Blades for Cut Off Saw
- (2) Chainsaw Chaps
- (1) Topsaw TSPWP-BL Chainsaw Multitool w/ Case

Extrication Tools:

- (1) TNT Rescue Storm Surge Spreader (ES100-28-18V)
- (1) TNT Rescue Storm Surge Cutter (EBFC-320-18V)
- (1) TNT Rescue Storm Surge Ram (ETLS-40-18V)
- (1) TNT Rescue Ram Base Extension Kit
- (1) TNT Rescue XR-Kit
- (1) T&J Rescue TL9 Stabilizer

Cribbing:

- (1) Set of 2 Auto Crib-It Model AC17
- (1) Turtle Plastics Cribbing Set (Auto X Tool Kit A)

Positive Pressure Fan:

- (1) SuperVac (V16-BL-SP-WH)

Hand Power Tools:

- (1) Milwaukee M18 Fuel ½” Hammer Drill/Driver (2804-20)
- (1) Milwaukee M18 Fuel ¼” Impact Driver (2853-20)
- (1) Milwaukee M18 Fuel ½” Compact Impact Wrench (2855-20)
- (1) Milwaukee M18 Fuel 4-1/2”/5” Grinder w/ Paddle Switch (2880-20)
- (1) Milwaukee M18 Fuel SAWZALL Recip Saw (2821-20)
- (1) Milwaukee M18 Fuel Blower (2724-20)
- (1) Milwaukee M18 Cut Off Saw (2786-20)
- (1) Milwaukee SAWZALL 10pc Metal and Wood Blade Set (49-22-1110)
- (1) Milwaukee 29pc Shockwave Red Helix Drill Bit Set (48-89-4632)
- (4) Milwaukee HD12.0 Batteries (48-11-1812)
- (10) Milwaukee XC8.0 Batteries (48-11-1880)
- (1) Milwaukee M18 Six Pack Sequential Charger (48-59-1806)

Portable Lights:

- (3) Streamlight Survivor X with charger
- (2) Streamlight Fire Vulcan LED Boxlights w/ Charging Mounts

Hand Tools:

- (2) Flathead Axe (6 lb)
- (2) 30” Halligan Tool (Fire Hooks Unlimited Probar)
- (1) Sledgehammer (10 lb)
- (1) Sledgehammer (2 lb)
- (1) 36” Bolt Cutter
- (3) NY Roof Hook 6’ (Fire Hooks Unlimited)
- (1) 6’ Pike Pole
- (2) 4’ Pike Poles
- (1) Spade Shovel
- (1) Flat Shovel
- (1) 36” Crowbar
- (1) Craftsman Versastack 262pc Mechanic Tool Set (CMMT45307)
- (1) Craftsman 48pc Combination ½” Drive Impact Socket Set (CMMT16548)
- (1) Craftsman V-Series 8pc Screwdriver Set (CMHT65618V)
- (1) Kobalt 10pc Household Tool Set (55753)
- (1) Craftsman Versastack 17” Tool Bag (CMST17622)
- (1) Glas-Master Glass Removal Tool

Extinguishers & Foam:

- (2) 20lb ABC Extinguishers
- (2) 5 Gallon Water Extinguishers.

Miscellaneous Equipment:

- (1) Super Brite LED Road Flare Kit (LED 3100-6)
- (1) 20-ton bottle jack
- (1) Electric Vehicle Emergency Plug
- (1) 28" Collapsible Traffic Cones (High Visibility w/ Reflective Trim in Case) 5/Case
- (1) 10x50 Binoculars
- (1) 1 Gallon Fuel Can
- (1) 2 Gallon Fuel Can
- (1) Igloo 5 Gallon Plastic Water Cooler
- (6) Fol-da-tank 12' x 14' Salvage Covers (SC12 x 14)
- (2) 50' Extension Cord on reel
- (1) 5-gallon bucket for oil dry with lid
- (1) Iron Set Marry Strap (Fire Hooks Unlimited)

Rope Rescue Equipment:

- (1) CMC Double Clutch Twin Tension Rope System Kit (DCTTRS Kit)
- (2) CMC Fire Rescue Harness (Large/Extra Large)
- (2) Team Wendy SAR Tactical Helmets (Red)
- (1) Rock-N-Rescue Webbing Kit
- (1) 75' Rescue throw bag
- (1) Rope bag with 50' of utility rope

Ladders:

- (1) Alco-Lite Model CJL-14 (14' Combination Ladder)
- (1) Duo Safety Series 925 A 3 Section (26' extension ladder)

Chains and Straps:

- (2) G80 Chain w/ grab hooks 16'
- (1) 3 ton lever hoist w/ 20' chain
- (1) 15" Long Shank "J" hook with tow chain
- (1) RTJ cluster hook set
- (2) 2"x27' ratchet tie down straps

Air Bags / Tools:

- (2) Paratech Remote Multiforce Bag Kit (22-88D025K)
- (1) Ajax Rescue Tools 911-Super Duty Kit

Struts:

- (4) Holmatro V Struts w/ Storage Bag

Medical Equipment:

- (1) Trauma bag (department provided)
- (1) Oxygen bag (department provided)
- (1) Cervical bag (department provided)
- (1) Suction Unit (department provided)
- (1) Back board (department provided)
- (1) Yates 435 Stokes Litter Pre Rig
- (1) Junkin Plastic Litter Basket Stretcher (yellow)

Marking:

- All equipment, if possible, should be marked / labeled with etched stenciling. Marking details to be determined at preconstruction meeting

INSTRUCTIONS TO BIDDERS

1. These instructions will bind bidders to terms and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.
2. The following criteria are used in determining low responsible bidders:
 - (a) Ability, capacity, and skill of bidder to perform required service;
 - (b) Whether bidder can perform service promptly or within specified time;
 - (c) The character, integrity, reputation, judgment, experience, and efficiency of bidder;
 - (d) The performance of previous contracts;
 - (e) The suitability of equipment or material for County use;
 - (f) The ability of bidder to provide future maintenance and parts service; and
 - (g) Awards will be based on the best value to Houston County.
3. Houston County Board of Commissioners is exempt from all State Sales Tax and Federal Excise Tax.
4. The bids should be tabulated, totaled, and checked for accuracy. The unit price will prevail in case of errors.
5. All required information should be included in bid for your proposal to receive full consideration.
6. Any questions or clarifications may be directed to **Vanessa Zimmerman, Director of Purchasing**, at any of the above listed numbers, e-mail or address.
7. Quote all prices **FOB Destination**. Destination to be specified at time of order.
8. **SEALED BIDS** shall be addressed to the **Houston County Purchasing Department, 200 Carl Vinson Parkway, Warner Robins, Georgia 31088**. **NO OTHER** county offices will accept bids unless specified on the bid. Also, **ABSOLUTELY NO FAXED OR PHONED IN BIDS WILL BE ACCEPTED OR CONSIDERED FOR AWARD**.
9. All bidders must be recognized dealers in the materials, services or equipment specified and be qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Department that they have the requisite organization, capital, plant, stock, ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which they are interested.
10. Houston County will reject any materials, supplies or equipment that do not meet specifications, even though bidder lists the trade name or names of such materials on the bid or price quotation form.
11. FOR VEHICLE AND MOTOR EQUIPMENT BIDS: Low bidder shall provide the following:
 - (a) Tag and Title fee in the amount of \$21.00 per vehicle. Your check should be made payable to: HOUSTON COUNTY TAX COMMISSIONER (Please make note of the increase in the tag fee above: \$18.00 for tag, \$3.00 for government vehicle).
 - (b) Three (3) keys per vehicle.
 - (c) Window sticker and/or line setting sheet from each vehicle.

- (d) MSO and MV-1 completed and delivered with vehicle as follows:
 - Houston County Board of Commissioners
 - Purchasing Department
 - 200 Carl Vinson Parkway
 - Warner Robins, Georgia 31088.
 - (e) Delivery is to be made to the address listed above unless expressly indicated on the Houston County Board of Commissioners official purchase order.
12. **Local Preference:** Bids awarded to local vendors contribute to the local tax base and will, therefore, be given special consideration when bidding against outside vendors. Bids received from vendors within the confines of the county will be given preference if their bid is within three percent (3%) of the low bid submitted by any out-of-county bidder. This policy does not apply to any purchases of materials, equipment or services in excess of \$150,000.00. On those cases, the Board of Commissioners will make their decision based on the lowest and best bid as submitted.