

INVITATION TO BID
006-2021
LIGHT RESCUE FIRE TRUCK

City of Lake City
205 N. Marion Ave.
Lake City, FL 32055

RELEASE DATE: January 14, 2021

DEADLINE FOR QUESTIONS: February 6, 2021

RESPONSE DEADLINE: February 16, 2021, 2:00 pm

RESPONSES MUST BE SUBMITTED ELECTRONICALLY TO:

<https://secure.procurenow.com/portal/lcfla>

City of Lake City
INVITATION TO BID
Light Rescue Fire Truck

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1. INTRODUCTION

1.1. Summary

INVITATION TO BID

006-2021

Sealed bids will be accepted by the City of Lake City, Florida until Tuesday, February 16, 2021 at 2:00 pm, local time through the City's e-Procurement Portal, ProcureNow. Any bids received after the above time will not be accepted under any circumstances. Any uncertainty regarding the time a bid is received will be resolved against the Bidder. Bids will not be accepted through any other means. Bid opening will be promptly at 2:15 p.m. in the City Council Chambers located on the 2nd floor in City Hall, at which time all bids will be publicly opened and read aloud for the purchase and installation of:

Light Rescue Fire Truck

Any deviation from the specifications must be explained in detail under "Clarifications and Exceptions", as part of the Bidder's Response, and each deviation must be itemized by number and must specifically refer to the applicable specification paragraph and page. Otherwise it will be considered that items offered are in strict compliance with these specifications and the successful Bidder will be held responsible for meeting the specification.

All questions related to this ITB shall be submitted in writing through the [ProcureNow](#) Question/Answer Tab via the City's e-Procurement portal, on or before, Question & Answer Submission Date by Question & Answer Submission Time. Please include the section title for each question, if applicable, in order to ensure that questions asked are responded to correctly.

All questions must be in writing and directed to the Procurement Director. All questions will be answered in writing. Any answers which may alter the scope of work will be answered in the form of addenda. Any and all addenda must be acknowledged through the City's e-Procurement Portal. Deadline for receiving questions is Saturday, February 6, 2021 at 4:00 pm. Questions received after this date and time will not be considered.

Bidder may not withdraw his/her bid for a period of sixty (60) days following the opening of the responses.

The City of Lake City is exempt from State Use Tax, State Retail Tax and Federal Excise Tax. The bid price must be net, exclusive of taxes. Bidder's proposal must be dated, signed by authorized representative, title, firm name, address, and telephone number.

Local Vendor Preference: City of Lake City Administrative Policy #18 states that the bid of a resident of Columbia County, Florida will have a 5% preference over the bid submitted by any non-resident of Columbia County. A resident is defined as an individual whose primary residence is within Columbia County, Florida, a partnership whose principals are all residents of Columbia County, Florida, partnership or other business entity whose principal place of business is within Columbia County, Florida, or which maintains a full time business office open to the public within Columbia County, Florida. With these and

other contributing factors the City Council reserves the right to award a bid or contract in the best interest of the City.

Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72-hour period following the agency posting the notice of intended award, excluding Saturdays, Sundays, and city holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the Procurement Department or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response.

Any Bidder desirous of protesting a bid for any reason must file a written notice of bid protest with the City Manager's office within 72 hours following posting of notice of intended award. All protest will be in writing stating the bid being protested and the specific reason of the protest. All protest will be signed by the Protestor and include all detail for a complete and thorough review. The decision of the City Manager, after consultation with the City Attorney will be issued within five (5) working days of the receipt of the protest, unless additional time is agreed upon by all parties involved should circumstance warrant such a delay.

By submission of his/her bid, the Bidder certifies that:

1. The bid has been arrived at by the Bidder independently and has been submitted without collusion with any other vendor of materials, supplies, or equipment described in the Invitation to Bid.
2. The contents of the bid have not been communicated by the Bidder, his/her employees or agents, to his/her best knowledge and belief, to any person not an employee or agent of the Bidder or his surety in any bond furnished herewith and will not be communicated to any such person prior to the official opening of the bids.

The City of Lake City reserves the right to accept or reject any/all bids and to award the contract in the best interest of the City of Lake City, Florida.

CITY OF LAKE CITY, FLORIDA

Joseph Helfenberger

City Manager

1.2. [Background](#)

The Lake City Fire department is in need of a light duty Fire Rescue truck, it must be new 2021 model Ford Super duty F-550 XL, 4 door crew cab and chassis or equivalent Minimum requirements are listed in the scope of work.

1.3. [Contact Information](#)

Karen Nelmes

Procurement Director

205 N. Marion Ave

Lake City, FL 32055
Email: nelmesk@lcfla.com
Phone: [\(386\) 719-5818](tel:(386)719-5818)

Department:
Fire Department

1.4. [Timeline](#)

Release Project Date

January 14, 2021

Question Submission Deadline

February 6, 2021, 4:00pm

Question Response Deadline

February 8, 2021, 5:00pm

Proposal Submission Deadline

February 16, 2021, 2:00pm

2. INSTRUCTION TO BIDDERS

2.1. Overview

The City of Lake City is accepting bids for The purchase of a new 2021 Ford F-550, XL,4 door Crew Cab, Light Duty Rescue Fire Truck, 4 x 2 Chassis, Diesel Engine, Race Red in color.

Bidders shall create a FREE account with ProcureNow by signing up at <https://secure.procurenow.com/signup>. Once you have completed account registration, browse back to this page, click on "Submit Response", and follow the instructions to submit the electronic response.

2.2. Pre-Bid Meeting

Non-mandatory Pre-bid will be held on NO VALUE on site located at NO VALUE at NO VALUE. Bidders are highly encouraged to attend.

2.3. Submittal Deadline

Bids shall be submitted via the City's e-Procurement Portal, ProcureNow, no later than Tuesday, February 16, 2021 at 2:00 pm. Late proposals shall not be accepted.

Bids must be submitted via the [City's e-Procurement Portal, ProcureNow](#) and may not be delivered orally, by facsimile transmission, or by other telecommunication or electronic means.

2.4. Questions

All questions related to this ITB shall be submitted in writing via the ProcureNow Question/Answer Tab via the [City's e-Procurement portal](#), on or before, Monday, February 8, 2021 by 4:00 pm. All questions submitted and answers provided shall be electronically distributed via email to bidders following this solicitation on the City's e-Procurement Portal.

2.5. Addenda

Addenda notifications will be emailed to all persons on record as following this ITB.

3. SCOPE OF WORK AND RELATED REQUIREMENTS

3.1. Scope of Work

The Purchase of a new 2021 Ford F-550 XL Super Duty 4 door Crew Cab Light Duty Fire Truck with Diesel Engine, Race Red in color or an approved equal.

3.2. Specifications

- 1. Ford F-550 Super duty 4 - door Crew Cab and Chassis or equivalent**
- 2. 19,500 GVWR with Payload Plus Upgrade**
- 3. 203 - Inch Wheelbase with an 84 inch Cab to Axle Measurement**
- 4. 47 J Emergency Prep Package**
- 5. Two (2) Wheel Drive**
- 6. 6.7 Liter Diesel Engine**
- 7. Engine Block Heater**
- 8. 10 Speed Automatic Transmission**
- 9. OEM Heavy Duty Cooling Radiator**
- 10. OEM Heavy Duty 397 Amp Alternator**
- 11. OEM Heavy Duty Air Conditioner**
- 12. Comfort Ride Suspension**
- 13. Modified Vehicle Wiring Kit**
- 14. OEM Dual Batteries**
- 15. Engine Idle Control**
- 16. Telescoping Power Tow Mirrors**
- 17. Power Steering with Tilt Steering Wheel**
- 18. OEM AM/FM/MP3 Stereo Radio and Digital Clock**
- 19. Gauge Package: Fuel Level, Water Temperature, Oil Pressure**
- 20. Seat Belts, Lap and Shoulder harness**
- 21. Front Stabilizer Bar**
- 22. 225 Max Trac Tires**
- 23. Four Wheel Anti-Lock Brake System**

- 24. **Front and rear Heavy Duty Shock Absorbers**
- 25. **Aft-Axle 40 Gallon Capacity Fuel Tank**
- 26. **Ford XL Trim Package or equivalent**
- 27. **4.88 Limited Slip Rear Axle**
- 28. **Black Mat Floor Coverings**
- 29. **40/20/40 Front Seats**
- 30. **Bench Rear Seats**
- 31. **Front Tow Hooks**
- 32. **Preferred Equipment Group**
- 33. **Power Equipment Group**
- 34. **OEM Polished Aluminum Wheels**

3.3. Approved Equal

Any manufacturers' names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. The proposer may offer any brand for which he is an authorized representative, which meets or exceeds the specification for any item(s). If proposals are based on equivalent products, indicate on the proposal form the manufacturer's name and number. Proposer shall submit with his proposal, cuts, sketches, and descriptive literature, and/or complete specifications. Reference to literature submitted with a previous proposal will not satisfy this provision. The proposer shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Proposals which do not comply with these requirements are subject to rejection. Proposals lacking any written indication of intent to quote an alternate brand will be received and considered in complete compliance with the specifications as listed on the proposal form.

Please upload your descriptive literature, and/or complete specifications in the Questionnaire section. Question 16 addresses this.

3.4. Commercial Chassis

The cab and chassis meeting the requirements of this specification shall be a new, unused, 2021-year model, Ford XL, F-550, 4x2, 4-door crew cab, with a 6.7 liter diesel engine and have a 84-inch cab-to-axle measurement and a 203-inch wheelbase measurement or an approved equal.

3.5. General Body Construction and Finish

General Body Construction and Finish:

The body of this apparatus shall be fabricated from the highest quality of materials, using the highest quality of craftsmanship, and shall be designed for use as an emergency vehicle. To keep with the fire

department's construction methods and high standards for emergency use vehicles, the following shall be followed:

- Plastic, fiberglass, composite, or FRP panels shall NOT be used to cover any exterior metal surface in lieu of painted metal surfaces. No Exceptions.
- All add-on items such as handrails, steps, lights, brackets, etc. shall be removed prior to prepping for paint. No Exceptions.
- All metal surfaces of the body shall be sanded, prepped, primed, and painted to match the job color with the highest level of craftsmanship. No Exceptions.
- The painted surfaces shall not have any visible imperfections within the painted finish. No Exceptions.
- The front-side of the body, the street-side (left), the curbside (right), and a portion the rear-side of the body shall be painted to match the job color. No Exceptions.
- Polished aluminum diamond plate or brushed finish stainless-steel shall NOT be used to cover the body in lieu of paint except for where used as stone guard protection on the lower portion of the front body panel below the frame rails, on the four lower corners of the body, over the rear wheel wells, and as a kick plate on the rear of the body. No Exceptions.

3.6. Apparatus Body: Aluminum Rescue Module

The body shall be of an all-aluminum built body, using heavy-duty extruded crowns and corner posts. The body shall be specifically engineered, designed, and constructed to meet the severe cycle duties of the fire and rescue industry.

The department is not seeking, nor shall accept; a lesser built, bent or formed aluminum or utility style body. Also, to avoid warranty issues, the department shall only purchase the unit complete from a manufacturer who constructs the entire unit, 100 %, including the body, electrical harnesses, paint, shelving, slide-out trays, etc. at the manufacturer's facility.

The body shall consist of seven (7) exterior, individual compartments. The compartments shall be individual components within an independent framework of the modular body. Visible framework of the modular body shall not be acceptable.

The body shall be mounted on the before mentioned chassis and shall come with a minimum of at least a 10 year Structural Warranty. No Exceptions.

3.7. Body Construction Overview

The body shall be constructed of heavy-duty, custom designed, aluminum extrusions and aluminum plate. The body shall be designed and engineered specifically for use as an emergency vehicle and shall be built to meet the heavy-duty demands of the fire and rescue industry.

The body shall be of a welded style construction for maximum strength and integrity for the entire life span of the apparatus.

The aluminum extrusions shall be custom designed structural shapes that are of an alloy of 6061 and heated to a temper of T-6 hardness. The aluminum shapes shall be designed with a force-fit interlock system that shall eliminate any vibrations to the welded structural members.

The interior structural members shall be spaced at a maximum of 12-inches on center. The floor, compartment roofs, and sides shall be of a cage type construction that is built to form an independent structure which shall be self-standing and rigid. The body shall then be mounted to the before mentioned chassis. No chassis building shall be required or shall be permitted.

The exterior walls shall be constructed of 5052 H-32 aluminum with a heat-treated plate that is stretch leveled to a tolerance of +/- 0.003-inches. The exterior walls shall interlock into place.

All exterior compartments shall be separate, individual components, and no two compartments shall share a common wall.

3.8. Floor Construction

The floor structure shall consist of 3-inch x 2-inch structural 6063 T-6 aluminum tubing spaced specifically for each body style as structurally required. Lateral tubing shall extend the full width of the body between the compartment boxes. The floor tubes shall be welded to the side structure channels.

The interior floor surface shall be covered with heavy-duty 0.125-inch-thick, smooth aluminum plate.

3.9. Corner Radius

The corner radius shall be of the same heavy-duty style construction as the compartment roof radius, except there shall be no built-in drip molding. The corner radius shall be a 3-inch radius.

All corners shall be semi-hollow extruded shapes for structural strength and shall give a smooth exterior appearance without the need for bending or forming of the sheet metal.

3.10. Body Side Structure

The body sides shall be constructed with four (4) corner radii. The radii shall be 3-inch arc shapes with interlocking edges on both sides. The extrusions shall be of an alloy of 6063 with a heat-treated temper of T-6.

The corners and compartment roofs shall be designed to work as a system that has a double gusset connector in each corner joint. The compartment roofs, corners, and sides shall be welded as no bolts or rivets are required, permitted or shall be acceptable.

The sides shall be of a jig locked style construction. The jig shall hold the corners and body side panels in place while the inner 6063 T-6 structure is welded. The members shall be located at a maximum of 12-inches on center and welded to the compartment roof rails, which shall become the inner structural connector that shall become the roof members.

The exterior panels shall interlock with the compartment roof, corners and specially designed extruded aluminum compartment door frames and shall be constructed of 6063 T-6 aluminum material.

3.11. Compartment Roof Radius

The roof cove radius shall be of an extruded aluminum shape with an alloy and temper of 6061 T-6 with an ultimate strength of 42,000 psi. The shape shall be a 4-inch radius with a built in inner structural connector to form a one-piece side and roof structure.

The radius shall be of a semi-hollow shape for strength, reduced weight, and to also allow passage for the electrical wiring harnesses.

The roof and side sheets shall fit into the roof radius and shall be welded from the inside of the body.

3.12. Compartment Roof Construction

The compartment roofs shall be constructed of 0.125-inch-thick, bright finished, aluminum diamond plate. The roof structure shall consist of 2-inch x 3-inch 6063 T-6 aluminum tubing that shall span the full width of the body. The roof structure tubes shall be spaced at a maximum of 12-inches on center.

The roof tubes shall be welded to the diamond plate roof and to the inner structural connector of the radius. The aluminum diamond plate sheet roof shall be completely welded to the roof radii.

All roof seams and perimeter shall be solid welded. No caulking, screws, or rivets shall be utilized or shall be acceptable.

3.13. Compartment Construction

All exterior compartments shall be constructed of 0.125-inch-thick, heavy-duty, smooth aluminum plate. All corners shall be welded.

- Each compartment shall be vented with a minimum of a 4-inch vent.
- Each compartment shall be vented to the atmosphere.
- Each compartment floor shall be of the “sweep out” design for the ease of cleaning.
- Each compartment shall have drain holes in the floor in the rear corners for the ease of cleaning.
- Each compartment shall be finished with a heavy-duty, polyurethane sprayed on “Scorpion” style productive coating.

The final color of the sprayed on “Scorpion” style productive coating shall be determined by the purchasing department during the pre-construction conference.

3.14. Wheel Wells

The wheel well openings shall be of sufficient size to permit the utilization of tire chains or other traction control devices used by the purchasing department. The wheel well openings shall also be of a sufficient size to permit the removal of the wheel and tire assembly without causing damage to the apparatus body, tires, or wheel assembly.

The wheel wells shall be provided with full smooth 0.125-inch-thick, aluminum fender liners that shall be rolled to eliminate pockets that might trap and collect road dirt. The liners shall have flanges at the bottom edges.

The outer surface area of the rear wheel well area shall be trimmed with 0.125-inch-thick, bright finished, aluminum diamond plate for the complete protection from tire or chain kick-back.

Wheel Well Fenderettes:

Fenderettes shall be of a polished aluminum design and secured to the modular body using stainless-steel fasteners.

3.15. Body Mounting

The body structure sills shall be constructed of 3-inch x 1-inch-thick, heavy-duty, aluminum flat bar and shall run the full length of the body structure. The flat bar shall be welded to each lateral structural member on both sides. The chassis and body shall be separated with a 1-inch-thick x 3-inch wide nonmetal sill.

The body shall be capable of being removed from and transferred to a new chassis, similarly, sized to the old chassis, with minimal modifications. There shall be adequate space left between the cab and body, to prevent damage to the either the cab or the body from flexing and normal highway use.

The body shall be attached to the before mentioned chassis using 5/8-inch steel "U" bolts and torsion springs. The body shall be mounted as per the chassis manufacturers' guidelines.

Additionally, an isolator shall be installed on each "U" bolt at the "U" bolt mounting point and the structural sill.

3.16. Roll up Compartment Doors

Roll-Up Compartment Doors:

The compartments shall be equipped with seven (7) custom-built Hansen International, Inc. roll-up compartment doors or equivalent. The doors shall be produced by an ISO-9001 certified company and tested to at least 100,000 cycles. Each door shall have a serial number label attached and shall carry a warranty of ten (10) years minimum. To facilitate a 24-hour replacement part service turn around, the doors shall be manufactured in the United States.

Roll-Up Door Operating Components:

The easy-opening doors shall be equipped with a pre-tensioned internally lubricated counterbalance spring contained within a 0.060-inch x 4-inch diameter aluminum door roller tube and supported with a 0.625-inch diameter steel center shaft. The roller assembly and shaft shall be supported with two (2) pre-assembled and adjustable mounting plates of 0.090-inch zinc-plated steel. The mounting plates shall have dual synthetic molded roller wheels that shall support the doors above the guide channels as it is fed onto the roller tube counterbalance for storage. The door curtain assembly shall be attached to the roller tube counterbalance with woven nylon straps with quick detach steel mounting clips.

Roll-Up Door Construction-Smooth:

The doors shall be constructed of double walled and concave hard anodized aluminum extrusion laths with a smooth exterior surface. Each door slat shall have dimensions of 1.365-inch in height x 0.310-inch deep x 0.038-inch wall thickness. The "interlocking joint knuckle" extrusion design shall have an integral

dual durometer extruded synthetic spacer seal to reduce noise and prevent weather or debris intrusion in a closed position. Each door lath shall have inter-locking and nested polymer slide guides. Slide guides shall be punch dimpled to prevent 'metal to metal' contact and shall be replaceable. Sides of the door openings shall be equipped with single piece 0.069-inch hard anodized aluminum extruded vertical guide channels.

Roll-Up Door Finish-Satin:

The roll-up doors shall be finished with an anodized Satin finish to meet the high-quality standards and procedures of both the purchasing department and manufacturer.

Roll-Up Door Handle and Latching-Handle Bar:

The heavy-duty lift handlebar assembly shall be constructed with a double walled hard anodized extruded aluminum lath consisting of two (2) 0.060-inch wall thicknesses. The lift handlebar assembly shall have four (4) roller wheels to reduce friction and for the ease of opening of the door. The handle assembly shall be equipped with a 2-inch horizontal full width shelf with anti-slip ribbing on the top to assist in the door closing. The shelf shall have two (2) riveted heavy-duty rubber bumpers to prevent a metal to metal impact with the overhead drip rail. The latch bar shall consist of a full width 0.750-inch diameter stainless-steel tube handle with centrally located knurled anti-slip sections and 1.25-inch hand clearance between the handle and the door surface.

Roll-Up Door Weather Resistance:

The top door drip rail shall be a hard-anodized aluminum extrusion and shall contain a full width strip of weather seal to minimize water ingress along the top of the door. The top door seal shall be of a two (2) piece 'non-contacting design' to prevent damage to the graphics, logos, or reflective striping. The guide channel seals shall be replaceable and constructed of UV resistant rubber with automotive style flocking material for the smoothness of operation. The bottom of the door curtain shall have an additional full width UV resistant rubber seal.

3.17. Drip Rail

Drip rail molding must be installed on the driver's side, the officer's side, and on the rear side of the apparatus body over the compartment doors. The drip rail molding shall be continuous and shall aid in the prevention of water runoff from entering the compartments.

3.18. Exterior Body Trim

The exterior of the rear body panel shall be fitted with 0.125-inch-thick, bright finished, aluminum diamond plate, used as a kick panel, above the rear tailboard. The kick panel shall be a minimum of 14-inches in height and be full width.

The exterior of the front body panel shall be fitted with 0.125-inch-thick, bright finished, aluminum diamond plate used as a rock shield. The rock shields shall be a minimum of 14-inches in height and be located on the lower portion of the front body panel, below the level of the frame rails, on both the left and the right sides of the apparatus.

The four (4) lower corners of the modular body shall be protected using rock shields. The rock shields shall be a minimum of 14-inches in height and shall conform to the radius of the body corner post on each of the four (4) corners. The rock shields shall be 0.125-inches-thick, bright finished, aluminum diamond plate.

The protection panels shall be constructed from 0.125-inches-thick, bright finished, aluminum diamond plate and be secured to the apparatus body using stainless-steel fasteners.

3.19. Cab Running Boards

There shall be provided a set (2) of heavy-duty, NFPA 1901 compliant, formed, bright finished, embossed aluminum diamond plate running boards. The running boards shall be fabricated using 0.125-inches-thick, formed, embossed aluminum diamond plate. The running boards shall come complete with a splash guard at the rearward edge of the stepping surface.

The running boards shall be securely fastened to the chassis cab using stainless-steel fasteners and shall run the full length from the rear of the front wheel well opening to the back wall of the chassis cab.

3.20. Rear Tailboard Construction

The rear tailboard frame shall extend from the apparatus body with 3-inch x 1-1/2-inch x 1/4-inch-thick, structural "C" channel for strength and integrity. The channel shall be placed as to form a structural matrix to the apparatus chassis and to keep the body in a complete modular form.

The stepping surface shall be constructed of NFPA 1901 compliant, formed, bright finished, embossed aluminum diamond plate, 0.125-inches-thick, and have a minimum of a 10-inch depth and be full width.

The rear corners of the tailboard shall be angled at an approximate 45° angle to reduce the turning radius of the apparatus.

The rear tailboard, once the apparatus is fully loaded, shall have a minimum of an 18-inch ground clearance.

3.21. Mud Flaps

There shall be provided a set (2) of heavy-duty mud flaps. The mud flaps shall be located, one (1) on the rear side of each of the two (2) rear wheel-well openings.

The mud flaps shall be made of thick, heavy-duty, rubber material, be black in color, and shall be as wide as the dual rear wheels.

The mud flaps shall be securely fastened to the modular body using stainless-steel fasteners.

3.22. Recessed Tow Eyes

There shall be provided a set (2), of heavy-duty, chrome plated, recessed tow eyes. The tow eyes shall be recessed in cast aluminum housings and be located on the rear body panel above the rear tailboard and be securely fastened to the chassis frame rails.

No attachment to the body shall be required or shall be acceptable, only a frame rail attachment method shall be acceptable.

The tow eyes shall have approximately a 3-1/2-inch inside diameter of the eye and the shaft shall have a minimum of a 1-1/4-inch-thick diameter.

3.23. Rub Rail

There shall be provided polished aluminum “C” channel, with reflective tape inserts, solid white in color, used as a rub rail and installed at the lowest edge of the apparatus body between the wheel well openings and the front and rear rock shields which are mounted on the lower corners of the modular body.

The rub rails shall terminate with an approximate 45° angle on both the forward and rearward edges of each rub rail section. The rub rails shall be spaced away from the modular body using at a minimum, a 1/2-inch-thick, non-metal spacers to prevent damage to either the rub rails or the modular body and finish.

The exact layout, design, and color of the reflective stripe within the rub rails shall be determined by the purchasing department during the pre-construction conference.

3.24. Exhaust System Modification

The factory exhaust system shall be modified to extend out the right side of the apparatus, aft the rear wheel well, and be flush with the side of the apparatus body. The exhaust tip shall extend at a 90° angle with the ground and be capable of accepting an exhaust system tube with minimal modifications to the exhaust pipe.

3.25. Chassis Wheels

The chassis wheels on this apparatus shall be supplied with OEM aluminum wheels and come with stainless-steel lug nut and hub covers. The tire and wheel assembly shall be balanced accordingly to maximize the life of the tires.

3.26. Apparatus Body

Prior to applying the first coat of primer, all removable hardware items such as doors, handles, hinges, steps, lights, etc. shall be removed.

Prior to mounting on the chassis, the entire body shall be fully sanded smooth to eliminate any visible imperfections. The priming and final coat application shall conform to the paint manufacturer’s guidelines and recommendations.

The body shall be painted to match the purchasing department’s preferred paint color and scheme which shall be Ford Race Red.

To expedite the chassis order, the exact paint color codes and layout scheme shall be determined by the purchasing department prior to the pre-construction conference and after the award of the contract to the awarding bidder.

3.27. Compartment Protective Coating

A protective sprayed-on coating must be applied to the walls, floors, ceilings, slide-out trays, and adjustable shelves, of each exterior compartment of the apparatus body. The sprayed-on coating shall have a "Scorpion" style finish and protect the interior surfaces from being damaged due to normal use.

The exact color of the Scorpion finish shall be determined by the purchasing department during the pre-construction conference.

3.28. Rear Chevron Striping

Alternating, diamond print, reflective stripping, or Chevrons, must be applied on the rear of the apparatus body. The Chevron stripes shall consist of 6-inch-wide, highly reflective, red and lime yellow stripes and have an inverted "V" pattern toward the center of the apparatus body.

The Chevron striping shall cover at a minimum of 50 % of the rear of the apparatus body to be NFPA 1901 compliant.

The Chevrons shall cover the rear body panel only. No Chevrons shall be on the rear compartment roll-up door.

The exact layout, design, and color of the rear reflective Chevron striping shall be determined by the purchasing department during the pre-construction conference.

3.29. NFPA Compliance Labels

A complete set of NFPA 1901 compliance labels must be applied. The labels shall be permanently attached to the chassis and / or modular body.

A Federal Motor Vehicle Safety Standards weight certification label shall be affixed to the driver's side entry door area by the apparatus manufacturer.

A permanent label shall be affixed to the seating area that states the "Maximum Seating Allowed".

A permanent label shall be affixed to the seating area that states, "Seat Belts are Required."

A permanent label shall be affixed to the fuel fill area that states, "Diesel Only."

A permanent label shall be affixed to the DEF fill area that states, "DEF Only."

A permanent label shall be affixed to the seating area in sight of the driver's seated, belted position that states the "Overall Height, Length, Width, and GVWR".

A permanent label shall be affixed to the rear of the apparatus body that states "Do Not Ride on Tailboard While in Motion".

A permanent label shall be affixed to the area near the auto-eject receptacle that states, "Type of Line Voltage" and "Current Rating in Amps and Power Inlet Type (DC or AC)".

The following plate shall be affixed inside the driver's side front cab entry door, that states the Quantity and Type of the following fluids and pressures as a minimum:

Engine Oil Air Conditioning Lubrication Oil

Engine Coolant

Transmission Fluid

Brake Fluid Maximum Tire Speed Rating

Drive Axle Lubrication Fluid Front Tire Cold Air Pressure

Power Steering Fluid Rear Tire Cold Air Pressure

Air Conditioning Refrigeration Front and Rear Tire Sizes

The exact number of compliance labels, information contained on the labels, and mounting locations shall be determined by the purchasing department during the pre-construction conference.

3.30. Reflective Stripe Package

A highly reflective striping package must be applied to both sides of the apparatus chassis and body starting just behind the front wheel wells and going towards the rear corners of the rescue body.

The reflective striping on the cab and body shall be as follows:

- White in color.
- 6-inch-wide, highly reflective.

The striping package shall meet the purchasing department's existing apparatus striping package for department uniformity.

The exact layout, design, and color of the reflective striping package shall be determined by the purchasing department during the pre-construction conference.

3.31. Reflective Lettering Package

Bidder will purchase and apply custom computer designed, highly reflective, lettering / graphics package to match the purchasing department's current fleet.

The lettering / graphics package shall meet the purchasing department's existing apparatus' lettering / graphics package for department uniformity. The purchasing department shall receive samples / images of the computer designed lettering / graphics design for final approval prior to applying any lettering or graphics to the apparatus.

The exact color, wording, layout, and design of the reflective lettering / graphics package shall be determined by the purchasing department during the pre-construction conference.

3.32. General Compartment Construction

The modular body shall have three (3) compartments on the driver's side, three (3) compartments on the officer's side and one (1) compartment on the rear of the apparatus for a total of seven (7) exterior, individual, compartments with aluminum, roll-up, Satin finish doors. The compartments shall be of the "sweep-out" design and have drain holes placed in the rear corners of the floors for the ease of cleaning. The compartments shall be vented to allow moisture and toxic gases to vent to the atmosphere. The

apparatus body shall be designed to meet the extreme demands of the fire and rescue service as a severe-duty rescue apparatus.

Compartment A (L-1):

This compartment shall be on the driver's side of the apparatus between the front wall of the body and the rear wheel well and shall be approximately 54-inches wide x 75-inches high x transverse deep above the frame rails and 23-inches deep below the frame rails.

The compartment shall have the following features:

- One (1) Roll-up compartment door.
- ☐ Roll-up door shall have an anodized, Satin finish.
- Extended floor to the outside edge of the compartment.
- One (1) transverse slide-out tray.
- ☐ Slide-out tray shall be approximately 50-inches wide x 90-inches deep.
- ☐ Slide-out tray shall extend approximately 70 % from the compartment.
- ☐ Slide-out tray shall have a minimum of a 1,000 lb. rating.
- ☐ Slide-out tray shall have a 3-inch retaining flange around all edges.
- ☐ Slide-out tray shall have solid welded corners.
- ☐ Slide-out tray shall be securely fastened to the floor of the compartment.
- One (1) vertically mounted LED light strip.
- One (1) 4-inch (minimum size) vent.
- ☐ Vented to the atmosphere.
- Two (2) drain holes in the floor in the rear of the compartment.

Compartment B (L-2):

This compartment shall be on the driver's side of the apparatus above the rear wheels and shall be approximately 45-inches wide x 49-inches high x 23-inches deep.

The compartment shall have the following features:

- One (1) Roll-up compartment door.
- ☐ Roll-up door shall have an anodized, Satin finish.
- One (1) adjustable shelf.
- ☐ Four (4) adjustable, full height shelf tracks.
- o Two (2) shelf tracks shall be located on each the left and right compartment walls.

☐ Adjustable shelf shall have a minimum of a 3-inch retaining flange around all edges.

☐ Adjustable shelf shall have solid welded corners.

☐ Adjustable shelf shall have a minimum of a 600 lb. rating.

- One (1) vertically mounted LED light strip.

- One (1) 4-inch (minimum size) vent.

☐ Vented to the atmosphere.

- Two (2) drain holes in the floor in the rear of the compartment.

Compartment C (L-3):

This compartment shall be on the driver's side of the apparatus rearward of the rear wheels and shall be approximately 33-inches wide x 75-inches high x 23-inches deep.

The compartment shall have the following features:

- One (1) Roll-up compartment door.

☐ Roll-up door shall have an anodized, Satin finish.

- Two (2) adjustable shelves.

☐ Four (4) adjustable, full height shelf tracks.

- o Two (2) shelf tracks shall be located on each the left and right compartment walls.

☐ Adjustable shelves shall have a minimum of a 3-inch retaining flange around all edges.

☐ Adjustable shelves shall have solid welded corners.

☐ Adjustable shelves shall have a minimum of a 600 lb. rating.

- One (1) vertically mounted LED light strip.

- One (1) 4-inch (minimum size) vent.

☐ Vented to the atmosphere.

- Two (2) drain holes in the floor in the rear of the compartment.

Compartment D (R-1):

This compartment shall be on the officer's side of the apparatus between the front wall of the body and the rear wheel well and shall be approximately 54-inches wide x 75-inches high x transverse deep above the frame rails and 23-inches deep below the frame rails.

The compartment shall have the following features:

- One (1) Roll-up compartment door.

☐ Roll-up door shall have an anodized, Satin finish.

- Extended floor to the outside edge of the compartment.

- One (1) transverse slide-out tray.

☐ Slide-out tray shall be approximately 50-inches wide x 90-inches deep.

☐ Slide-out tray shall extend approximately 70 % from the compartment.

☐ Slide-out tray shall have a minimum of a 1,000 lb. rating.

☐ Slide-out tray shall have a 3-inch retaining flange around all edges.

☐ Slide-out tray shall have solid welded corners.

☐ Slide-out tray shall be securely fastened to the floor of the compartment.

- One (1) vertically mounted LED light strip.

- One (1) 4-inch (minimum size) vent.

☐ Vented to the atmosphere.

- Two (2) drain holes in the floor in the rear of the compartment.

Compartment E (R-2):

This compartment shall be on the officer's side of the apparatus above the rear wheels and shall be approximately 45-inches wide x 49-inches high x 23-inches deep.

The compartment shall have the following features:

- One (1) Roll-up compartment door.

☐ Roll-up door shall have an anodized, Satin finish.

- One (1) adjustable shelf.

☐ Four (4) adjustable, full height shelf tracks.

o Two (2) shelf tracks shall be located on each the left and right compartment walls.

☐ Adjustable shelf shall have a minimum of a 3-inch retaining flange around all edges.

☐ Adjustable shelf shall have solid welded corners.

☐ Adjustable shelf shall have a minimum of a 600 lb. rating.

- One (1) vertically mounted LED light strip.

- One (1) 4-inch (minimum size) vent.

☐ Vented to the atmosphere.

- Two (2) drain holes in the floor in the rear of the compartment.

Compartment F (R-3):

This compartment shall be on the officer's side of the apparatus rearward of the rear wheels and shall be approximately 33-inches wide x 75-inches high x 23-inches deep.

The compartment shall have the following features:

- One (1) Roll-up compartment door.

☐ Roll-up door shall have an anodized, Satin finish.

- Two (2) adjustable shelves.

☐ Four (4) adjustable, full height shelf tracks.

o Two (2) shelf tracks shall be located on each the left and right compartment walls.

☐ Adjustable shelves shall have a minimum of a 3-inch retaining flange around all edges.

☐ Adjustable shelves shall have solid welded corners.

☐ Adjustable shelves shall have a minimum of a 600 lb. rating.

- One (1) vertically mounted LED light strip.

- One (1) 4-inch (minimum size) vent.

☐ Vented to the atmosphere.

- Two (2) drain holes in the floor in the rear of the compartment.

Compartment G (B-1):

This compartment shall be on the rear of the apparatus body above the rear tailboard and shall be approximately 46-inches wide x 60-inches high x 84-inches deep.

The compartment shall have the following features:

- One (1) Roll-up compartment door.

☐ Roll-up door shall have an anodized, Satin finish.

- One (1) single direction slide-out tray.

☐ Slide-out tray shall have a 100 % compartment depth.

☐ Slide-out tray shall be approximately 43-inches wide x 80-inches deep.

☐ Slide-out tray shall extend approximately 100 % from the compartment.

☐ Slide-out tray shall have a minimum of a 1,000 lb. rating.

☐ Slide-out tray shall have a 3-inch retaining flange around all edges.

☐ Slide-out tray shall have solid welded corners.

☐ Slide-out tray shall be securely fastened to the floor of the compartment.

- One (1) vertically mounted LED light strip.
- One (1) 4-inch (minimum size) vent.

☐ Vented to the atmosphere.

- Two (2) drain holes in the floor in the rear of the compartment.

Adjustable Shelves:

Six (6) aluminum, adjustable shelves. The shelves shall be constructed of 0.188-inch-thick, smooth aluminum plate for durability and the ease of mounting equipment.

The shelves shall be fully adjustable from the top of the compartment to the bottom. Shelving hardware shall be of the Unistrut "C" channel design.

The shelves shall have a minimum of a 3-inch retaining flange around all edges to prevent equipment from being dislodged while the apparatus is being driven. The shelves shall have solid welded corners. The shelves shall have a minimum of a 600 lb. rating.

The shelves shall have a Scorpion style protective coating to match the compartment interiors.

The exact number, layout, design, and location of the adjustable shelves shall be determined by the purchasing department during the pre-construction conference.

Slide-Out Trays:

Two (2) slide-out trays. The slide-trays shall be constructed of 0.188-inch-thick, smooth aluminum plate for durability and the ease of mounting equipment.

The entire assembly shall be bolted into place using 3/8-inch stainless-steel fasteners. The slide-out trays and roller assembly shall have a minimum of a 1,000 lb. capacity rating. The slide-out trays shall have a 3-inch retaining flange around all edges. The slide-out trays shall have solid welded corners.

The slide-out trays shall have a Scorpion style protective coating to match the interior coating of the compartments.

The exact location, design, and number of the slide-outs shall be determined by the purchasing department during the pre-construction conference.

3.33. 12 Volt DC Electrical System

Electrical Overview:

The electrical system and associated equipment shall comply with all Federal Motor Vehicle Safety Standards, Federal Motor Carrier Safety Regulations, and shall also conform to all applicable SAE recommended standards and practices and meet or exceed NFPA 1901 requirements.

The apparatus body and accessory electrical equipment shall be served by circuits separate and distinct from the chassis circuits. All wiring shall be permanently color coded and marked to identify each wire for its entire length.

Wiring shall be routed in conduit or loom that is rated at a minimum of 300°F and include a service loop of wire that will permit the replacement of the wire terminals if damaged. All conduits, looms, and wiring harnesses shall be secured to the body or frame with insulated metal cable straps.

All electrical system components and wiring shall be located and installed in such a manner that facilitates easy removal and servicing.

The unit shall come with a Load Management System. All wiring shall conform to NFPA 1901 standards and SAE standards.

Electrical Panel:

An electrical panel must be provided for the emergency vehicle accessories. The electrical panel shall be located as to ensure the ease of accessibility for future servicing and maintenance.

The electrical components shall be in an accessible, weather resistant location. The area shall come with a removable, vented panel to protect the components from damage.

The exact design, location, and functions of the electrical panel shall be determined by the purchasing department during the pre-construction conference.

3.34. Master Battery Switch

One (1) Master battery switch should be located in a convenient area to the driver's seated, belted position. Provided with the switch shall be a single "GREEN" light indicating the master switch is in the "ON" position. The mounting location for the master battery switch shall be on the driver's side of the center console.

The exact layout, location, and functions of the master battery switch shall be determined by the purchasing department during the pre-construction conference.

3.35. Battery Charger

One (1) Kussmaul battery charging system or equivalent must be provided. The battery charger shall charge the chassis batteries while attached to the auto eject shoreline. The mounting location for the battery charger unit shall be in an accessible location with the other electrical components.

Provided adjacent to the battery charger shall be a graph bar. The graph bar shall indicate the battery status while attached to the auto eject shoreline.

The exact layout, location, and functions of the battery charging system shall be determined by the purchasing department during the pre-construction conference.

3.36. Auto-Eject System

A Kussmaul Auto-Eject system or equivalent with 110-volt AC, 20-amp shoreline receptacle that shall provide 110-volt AC service when activated. The mounting location for the auto-eject receptacle shall be in an accessible and secure location.

The auto-eject shall have a weather resistant, yellow in color, cover with a hinged lid. The graph bar shall be located adjacent to the auto eject shoreline receptacle.

The exact layout, location, and operation functions of the shoreline receptacle shall be determined by the purchasing department during the pre-construction conference.

3.37. Center Cab Console

A custom designed and fabricated center cab console must be provided. The console shall be fabricated using 0.125-inch-thick, heavy-duty, smooth aluminum plate covered with a heavy-duty polyurethane "Scorpion" style protective material, black in color.

The center console shall contain the following items:

- One (1) slot for binders / books
- Two (2) slots for medical glove boxes
- Warning light controls
- One (1) siren amplifier.
- Department mobile communication's radio
- Any other items required by the purchasing department.
- Electrical power supply for department supplied equipment and the antenna coax cable shall be terminated within the center cab console.
- Master battery switch.

The switch panel shall contain switches for the following minimum applications:

- Master switch.
- Emergency lights switches.
- Light bar switch.
- Scene light switches.
- Door open indicator.
- All other necessary functions.

All switches shall be lighted and properly identified.

Prior to CAD design and after the award of the contract, all items required to be housed in the center cab console shall be determined by the purchasing department for approval of final drawings for the center cab console.

The exact design, layout, and equipment housed within the center cab console shall be determined by the purchasing department during the pre-construction conference.

3.38. Marker Lights

There must be the proper number of LED style ICC / marker lights located on the apparatus body above the drip rails.

All lights and reflectors shall meet or exceed Florida DOT regulations and the Federal Motor Vehicle Safety Standards.

3.39. License Plate Bracket

One (1) cast aluminum license plate bracket with LED light recessed on the rear of the body must be provided. The mounting location shall be in the center of the rear body panel just above the rear tailboard and under the rear compartment roll-up door.

The exact mounting location of the tag bracket and LED light shall be determined by the purchasing department during the pre-construction conference.

3.40. Back-up Alarm

Provide One (1) Whelen or equivalent Back-up alarm minimum 97dBa, that automatically activates when the vehicle's transmission is placed in the reverse gear.

There shall be NO back-up alarm cut-off switch as this would be in violation of safety regulations.

The exact mounting location and activation of the back-up alarm system shall be determined by the purchasing department during the pre-construction conference

3.41. Compartment Lights

Provide one (1), vertically mounted, LED light strip, in each of the exterior compartment openings, in each of the seven (7) exterior compartments.

The LED lights shall activate when the roll-up doors are in the open position.

The exact layout, location, number of lights and activation of the compartment lights shall be determined by the purchasing department during the pre-construction conference.

3.42. Door Ajar Light:

A red flashing warning light must be provided within sight of the driver's seat belted position to indicate a compartment door is open or ajar.

This warning light shall be installed to prevent damage to the apparatus and / or equipment and to comply with NFPA 1901 standards.

The exact layout, location, and activation of the door ajar warning light shall be determined by the purchasing department during the pre-construction conference

3.43. Ground Lights

Six (6) Tecniq LED Ground Illumination Lights or equivalent must be provided under the apparatus body. These lights must illuminate the ground area around the modular body and shall be activated by applying the chassis parking brake.

The lights shall be located as follows:

- Two (2) under the rear tailboard on the rear of the modular body.
- Two (2) under the driver's side compartments, L-1 and L-3.
- Two (2) under the officer's side compartments, R-1 and R-3.

Additionally, there shall be provided two (2) Tecniq LED ground illumination lights under the cab running boards. The lights shall illuminate the ground area and shall be activated by the opening of a chassis cab entry door and by applying the chassis parking brake.

The lights shall be located as follows:

- One (1) under the driver's side running board.
- One (1) under the officer's side running board.

The ground illumination lights shall be evenly spaced along the sides of the apparatus to provide optimal ground lighting for safe nighttime operations.

3.44. Scene Lights

Six (6) Whelen 600 Series or equivalent surface mounted LED scene lights must be provided. The lights shall have clear LED modules, clear lenses, and have chrome flanges.

The lights shall be located:

- Two (2) on the driver's side of the apparatus body
- Two (2) on the officer's side of the apparatus body
- Two (2) on the rear of the apparatus body

The scene lights shall be activated by three (3) individual switches on the center cab console.

3.45. Emergency Lighting

The emergency lighting package as specified shall meet the requirements for "Clearing the Right of Way" and "Blocking the Right of Way" as specified in the current edition of NFPA 1901.

Whelen brand is entered here or equivalent to that brand, it is only to set a standard for the lights .

ZONE A UPPER Whelen Justice Series 56" LED light bar

Red / white LED modules with clear lenses.

ZONE A LOWER Two (2) Whelen Ion Series LED Lights.

Clear LED modules with red lenses.

Chrome flanges.

One (1) on each left and right side of the cab grille.

Two (2) Whelen Ion Series LED lights.

Clear LED modules with red lenses.

Chrome flanges.

One (1) on each left and right-side front fender for intersection lights.

ZONES B & D UPPER Four (4) Whelen 600 Series LED lights.

Clear LED modules with red lenses.

Chrome flanges.

Two (2) on each left and right-side upper body.

ZONES B & D LOWER Two (2) Whelen 600 Series LED lights.

Clear LED modules with red lenses.

Chrome flanges.

One (1) over each left and right-side rear wheel well.

ZONE C UPPER Two (2) Whelen 600 Series LED Lights.

Clear LED modules with red lenses.

Chrome flanges.

One (1) on each left and right upper side of the rear of body.

ZONE C LOWER Two (2) Whelen 600 Series LED Lights.

Clear LED modules with red lenses.

Chrome flanges.

One (1) on each left and right lower side of the rear of body.

All exterior emergency warning lights shall meet NFPA 1901 standards for flash patterns.

The location, and activation of the emergency lighting package shall be determined by the purchasing department during pre-construction conference.

3.46. DOT Taillights

A set of two (2) Whelen 600 Series or equivalent LED taillights on the apparatus body must be provided. The taillights must be mounted in chrome bezels, one (1) on both the left-side and right-side.

- Two (2) Whelen 600 Series LED brake lights.
- Two (2) Whelen 600 Series LED turn signals.
- Two (2) Whelen 600 Series LED back-up lights.

The layout, and location of the LED taillights shall be determined by the purchasing department during the pre-construction conference.

3.47. Siren Amplifier

Provide one (1) Whelen (or equivalent) 100-watt self-contained electronic siren amplifier. The siren amplifier must be located within the center cab console within reach of the driver's and officer's seated, belted positions and have a hands-free mode with PA function.

The siren shall have the following tones:

- Wail
- Yelp
- Piercer
- Air horn

The exact location, and activation of the electronic siren amplifier shall be determined by the purchasing department during the pre-construction conference

3.48. Siren Speaker

Provide one (1) 100 watt, electronic siren speaker. The speaker must be mounted in the center of the OEM bumper and have a black colored housing.

The mounting location of the electronic siren speaker will be determined by the purchasing department during the pre-construction conference.

3.49. Radio DC Power Pre-Wire

Bidder must provide a 12-Volt DC lead for the installation of a department supplied mobile communications radio. The DC lead shall terminate within the center cab console.

The exact layout, location, and function of the mobile radio shall be determined by the purchasing department during the pre-construction conference.

3.50. Coax Cable

Bidder must provide one (1) mobile communications radio antenna base, minus the whip, on the cab roof and the coax cable for the mobile radio must be run and terminated with in the center cab console.

The exact layout, location, and function of the mobile radio antenna and coax cable shall be determined by the purchasing department during the pre-construction conference.

3.51. Telescopic Pole Lights

Bidder must provide two (2) Whelen Pioneer LED 12-volt DC telescopic pole lights or equivalent. The telescopic pole lights shall be wired to the chassis battery system and mounted as follows:

- One (1) on the front driver's side of the module body.
- One (1) on the front officer's side of the module body.

The lights shall be activated by a dedicated switch located on the center cab console. The lights shall be extendable and rotate 360° to give the optimal scene lighting capabilities.

The exact mounting location and operations of the telescopic pole lights shall be determined by the purchasing department during the pre-construction conference.

3.52. Qualified Vehicle Modifier Certification

The City of Lake City, FL Fire Department is concerned that the different bidders have a firm understanding of the chassis electrical hook ups and tie-ins and also the correct procedures concerning mounting the body to the Ford chassis so as to limit any future warranty issues.

To limit the liability and ensure that all bidders are qualified, the City of Lake City, FL Fire Department shall require that all bidders must be certified and a member in good standing of the Ford Motor Company's QVM (Quality Vehicle Modifier) program or another make that has been excepted as an approved equal for emergency vehicles.

Please provide a copy of your Ford QVM certification with your bid package. NO EXCEPTIONS shall be granted.

Failure to provide this information may deem your bid unresponsive.

3.53. Pre-Construction Conference

A pre-construction conference is required held at the awarded manufacturer's facility before any construction can commence. Representatives from the City of Lake City, FL Fire Department and members of the awarded manufacturer shall attend this meeting.

Members in attendance for this meeting shall represent fabrication, electrical, design, paint, project management, sales team, and representatives of the purchasing department.

Both parties shall go over the specifications line item by line item to ensure that the apparatus is built to meet or exceed all requirements set forth by the purchasing department.

After this meeting, a representative of the awarded manufacturer shall present the purchasing department with a copy of the written work order to be used in production and a final set of CAD drawings for the apparatus, center cab console, slide-out trays, and any other specialty items as requested or required by the purchasing department.

No fabricating of the body shall begin until all drawings and work orders have been approved and signed by both parties.

Any expenses relating to insuring compliance shall be at the expense of the awarded bidder and be at no additional cost to the purchasing department. This includes all lodging and meals while in the awarded manufacturer's area for up to three (3) members of the purchasing department.

3.54. Detailed CAD Drawings

After the pre-construction conference is held, there shall be provided to the purchasing department a detailed set of scaled C.A.D. (computer aided design) drawings to be used in the production process.

These drawings shall show all the options and equipment to be mounted on the apparatus.

No fabricating of the body shall begin until all drawings and work orders have been approved and signed by both parties.

3.55. Wash and Prep for Final Inspection

Upon completion and before the final inspection takes place, the entire apparatus' outside, cab interior, and body interior shall be cleaned and in a "READY FOR INSPECTION STATE".

3.56. Pre-Delivery Inspection

There shall be a required pre-delivery, final inspection, held at the awarded manufacturer's facility after the apparatus has been completed. Representatives from the City of Lake City, Fl. Fire Department and members of the awarded manufacturer shall attend this meeting.

Members in attendance for this meeting shall inspect the fabrication, electrical, paint, audible and visual warning devices, scene lights and pole lights, slide-out trays, adjustable shelves, etc. for compliance to the bid specifications.

At this meeting both parties shall go over the specifications line item by line item to ensure that the apparatus has been built to meet or exceed all requirements set forth by the purchasing department's specifications.

Any expenses relating to insuring compliance shall be at the expense of the awarded bidder and be at no additional cost to the purchasing department. This includes all lodging and meals while in the awarded manufacturer's area for up to three (3) members of the purchasing department.

3.57. FAMA Compliance

The awarded apparatus manufacturer must be a current member in good standing of the Fire Apparatus Manufacturer's Association (FAMA).

Please provide a copy of your FAMA certificate with your bid proposal package. NO EXCEPTIONS shall be granted.

3.58. U.S.A. Manufacturer:

The entire apparatus shall be assembled within the borders of the Continental United States to insure more readily available parts, without costs and delays to service caused by tariffs and customs. NO EXCEPTIONS shall be granted.

3.59. Warranty

1. The Contractor agrees that the goods furnished under any award resulting from this solicitation shall be covered by the most favorable Manufacturers warranty the Contractor gives any customer for such goods and that the rights and remedies provided therein are in addition to and do not limit those available to the City of Lake City by any other clause of this solicitation. A copy of this warranty shall be furnished with the bid. The custom built body that sits on the chassis must have at the minimum a 5 year paint warranty with a minimum 10 year structural warranty from the date of final acceptance of the vehicle by the City of Lake City in writing.
2. The Contractor warrants that, unless otherwise specified, all materials and equipment incorporated in this solicitation and under the contract shall be new, in first class condition, and in accordance with the ITB documents. The Contractor further warrants that all workmanship shall be of the highest quality and in accordance with contract documents and shall be performed by persons qualified at their respective trades. Defects discovered during the warranty period shall be corrected by the Contractor to the City of Lake City's satisfaction.

3.60. Delivery

Vehicle must be delivered FOB destination with 48 hours notification to Procurement@lcfla.com. Address to deliver vehicle is 200 NE Gum Swamp road, Lake City, FL 32055. Please contact Karen Nelmes at (386) 719-5818 or Megan Brannon at (386) 758-5407.

4. TERMS AND CONDITIONS

4.1. Licenses/Qualifications

All Contractor's must be qualified and licensed under the laws, rules and regulations of the State their business is registered in, to perform the work required by these contract documents. Contractor's qualifications including equipment to be used for this project will be subject to review and approval by the City prior to award.

4.2. Insurance

1. Without limiting Contractor's indemnification, it is agreed that the successful Contractor will purchase at their expense and maintain in force at all times during the performance of services under this agreement the following insurance. Where specific limits are shown, it is understood that they must be the minimum acceptable limits. If successful Contractor's policy contains higher limits, the City of Lake City will be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the City naming the City of Lake City as additional insured. These certificates must provide a ten (10) calendar day notice to the City in the event of cancellation, non-renewal or a material change in the policy.
2. Statutory Workers Compensation insurance as required by the State of Florida.
3. Commercial General Liability insurance to provide coverage of not less than \$1,000,000.00 combined single limit per occurrence and annual aggregates where generally applicable and must include premises-operations, independent contractors, products/completed operations, broad form property damage, blanket contractual and personal injury endorsements.
4. Business Vehicle/Umbrella Liability insurance with a minimum limit of \$200,000 per occurrence, and \$300,000 for all claims arising out of the same incident or occurrence, for property damage and personal injury. Notice, these limits may change according to Florida law and the protections afforded to the City pursuant to sovereign immunity for liability.

4.3. Indemnity

Successful contractor will indemnify and hold Owner and Owner's agents harmless from any loss, cost, damage or injury sustained by any persons (s) as a result of the actions of employees or officers of the Contractor, subcontractors or suppliers.

4.4. Liquidated Damages

In the event the bidder is awarded the contract and fails to complete the work within the time limit or extended time limit agreed upon, liquidated damages will be paid to the City of Lake City at the sum of

\$500.00 per day for all work awarded under the contract until the work has been satisfactorily completed and accepted by the City.

4.5. Schedule

1. Upon receipt of all required documents a Notice to Proceed will be issued.
2. The successful Contractor must complete all work within one hundred and 80 days (180) calendar days after the Notice to Proceed is issued.

4.6. Special Conditions

1. No extended time will be allowed for the build of this vehicle. Item must be received prior to the end of the Fiscal year which is September 30, 2021.
2. Neither party is responsible for any failure to perform its obligations under this contract, if it is prevented or delayed in performing those obligations by an event of force majeure. In this event work stoppage must be reported to the City Project Manager to let him know of the delay.

4.7. Contract/Award

1. The successful Contractor will execute the contract within ten (10) calendar days following issuance of Notice of Award. Upon receipt of required documents, a Notice to Proceed will be issued along with a Purchase Order.
2. Award shall be made to the most responsive responsible bidder.

4.8. Payment

Payment will be based on: (a) City's acceptance of work, and (b) submitted evidence, if requested by the City, that all payrolls, materials, bills, and indebtedness connected with the work have been paid. The City may withhold an amount as may be necessary to pay such claims for labor and services rendered and materials involved with the work. Payment to Contractor will be made within thirty (30) calendar days of receipt of invoice, assuming there are no contested amounts with the invoice.

4.9. Or Equal

Any manufacturers' names, trade names, brand names or catalogue numbers used in the specifications are for the purpose of describing and establishing general performance and quality levels. Such references are not intended to be restrictive. Bids are invited on these and comparable brands or products provided the quality of the proposed products meet or exceed the quality of the specifications listed for any item. All requests for "or equal" consideration must be with your bid proposal. There is a

section to upload the documents. It is up to the City's to determine what is an approved equal and what is in the best interest of the City.

4.10. Experience/References

Bidders must provide a statement of qualifications and include with their proposal a minimum of three (3) references for similar project in the last three (3) years years. The list of references must be submitted as a part of the bidder response as provided within the vendor questionnaire. All reference materials provided become the property of the City of Lake City and also become public record.

4.11. Change Orders

1. Notify the City of Lake City of any conditions in the project area that are not addressed within the specifications that may require a change order.
2. Change orders to the scope of work or additional work requested by the City of Lake City must be in written form and initiated by the Contractor.
3. All changes or additions will be approved by the City of Lake City prior to work being initiated.

4.12. Addendum

It will be the sole responsibility of the bidder to contact the Purchasing Department prior to submitting a bid to determine if any addenda have been issued, to obtain such addenda, and to acknowledge addenda with their bid. Failure to submit acknowledgement of any addendum that affects the bid price is considered a major irregularity and will be cause for rejection of the bid.

4.13. Required Documents

The enclosed documents must be executed and returned with bid proposal or the proposal may be considered non-responsive. (Conflict of Interest Statement, Disputes Disclosure Form, Drug Free Workplace Certificate, Non-Collusion Affidavit of Proposer, References, Public Entity Crime Statement and E-Verify Affirmation Statement.

4.14. Public Entity Crime

Public Entity Crimes – Section 287.133 (3) (n) of the Florida Statutes requires that a vendor/contractor submit a sworn statement concerning Public Entity crimes. Bidders are required to submit the enclosed form with their bid, failure to do so may be reason for rejection of bid.

4.15. Employment Eligibility Verification (E-Verify)

In accordance with State of Florida, Office of the Governor, Executive Order 11-116 (superseding Executive Order 11-02; Verification of Employment Status), in the event performance of this Agreement is or will be funded using state or federal funds, the CONTRACTOR must comply with the Employment Eligibility Verification Program ("E-Verify Program") developed by the federal government to verify the eligibility of individuals to work in the United States and 48 CFR 52.222-54 (as amended) is incorporated herein by reference. If applicable, in accordance with Subpart 22.18 of the Federal Acquisition Register, the CONTRACTOR must (1) enroll in the E-Verify Program, (2) use E-Verify to verify the employment eligibility of all new hires working in the United States, except if the CONTRACTOR is a state or local government, the CONTRACTOR may choose to verify only new hires assigned to the Agreement; (3) use E-Verify to verify the employment eligibility of all employees assigned to the Agreement; and (4) include these requirement in certain subcontracts, such as construction. Information on registration for and use of the E-Verify Program can be obtained via the internet at the Department of Homeland Security Web site: <http://www.dhs.gov/E-Verify>.

4.16. Public Record

The Owner is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's public records law. Specifically, the Contractor shall:

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology

systems of the public agency

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (386) 719-5826 OR (386) 719-5756, CITYCLERK@LCFLA.COM, CITY CLERKS OFFICE, 205 N MARION AVE., LAKE CITY, FL, 32055.

4.17. [Payment And Performance Bonds](#)

Payment and performance bonds are not a requirement of this bid.

4.18. [Additional Information](#)

The City of Lake City reserves the right to request any additional information needed for clarification from any Bidder for evaluation purposes.

5. PRICING PROPOSAL

LIGHT DUTY FIRE TRUCK

Total cost of the Light Duty Fire Truck as specified here in.

Total cost of Light Duty Fire Truck	Quantity	Unit of Measure	Unit Cost	Total
Ford F-550 XL, 4 door Crew Cab, Super Duty per the specifications within or equal	1	each		
TOTAL				

6. **VENDOR QUESTIONNAIRE**

6.1. References*

As per the [Terms and Conditions](#), please provide the company name, address, contact person, telephone number and length of time services, using the following format, of at least three (3) client/customer references.

***Note: only list those client/customers in which a similar type of equipment/product of scope of work/service was provided.**

Company Name: _____

Address: _____

Business Phone #: _____

Contact Person: _____

Email: _____

Length of time services provided: _____

*Response required

6.2. Title and Organization*

Please provide your title and organization's name.

*Response required

6.3. Local Office*

Please provide the city and state for your local office. If you do not have a local office, please type "N/A".

*Response required

6.4. Principal Office*

Please provide the city and state for your Principal Office.

*Response required

6.5. Conflict of Interest Statement*

1. The above named entity is submitting a Bid for the City of Lake City 006-2021 described as Light Rescue Fire Truck.
2. The Affiant has made diligent inquiry and provides the information contained in the Affidavit based upon his/her own knowledge.

3. The Affiant states that only one submittal for the above proposal is being submitted and that the above named entity has no financial interest in other entities submitting proposals for the same project.
4. Neither the Affiant nor the above named entity has directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraints of free competitive pricing in connection with the entity's submittal for the above proposal. This statement restricts the discussion of pricing data until the completion of negotiations if necessary and execution of the Contract for this project.
5. Neither the entity nor its affiliates, nor anyone associated with them, is presently suspended or otherwise ineligible from participation in contract letting by any local, State, or Federal Agency.
6. Neither the entity nor its affiliates, nor anyone associated with them have any potential conflict of interest due to any other clients, contracts, or property interests for this project.
7. I certify that no member of the entity's ownership or management is presently applying for an employee position or actively seeking an elected position with the City of Lake City.
8. I certify that no member of the entity's ownership or management, or staff has a vested interest in any aspect of the City of lake City.
9. In the event that a conflict of interest is identified in the provision of services, I, on behalf of the above named entity, will immediately notify the City of Lake City.

☐ Please confirm

*Response required

6.6. [Disputes Disclosure Form*](#)

Please select all that pertain to your organization. To answer yes, click on the options that pertain to your organization.

Select all that apply

- ☐ Has your firm or any of its officers, received a reprimand of any nature or been suspended by the Department of Professional Regulations or any other regulatory agency or professional association within the last five (5) years?
- ☐ Has your firm, or any member of your firm, been declared in default, terminated or removed from a contract or job related to the services your firm provides in the regular course of business within the last five (5) years?
- ☐ Has your firm had against it or filed any request for equitable adjustment, contract claims, bid protest, or litigation in the past five (5) years that is related to the services your firm provides in the regular course of business?
- ☐ None

*Response required

6.7. Disputes Disclosure Form - Explanation*

If you answered yes for any in the previous question, state the nature of the request for equitable adjustment, contract claim, litigation, or protest, and state a brief description of the case, the outcome or status of the suit and the monetary amounts or extended contract time involved. If you selected none, please type "N/A".

*Response required

6.8. Disputes Disclosure Form - Acknowledgement*

I hereby certify that all statements made are true and agree and understand that any misstatement or misrepresentation or falsification of facts shall be cause for forfeiture of rights for further consideration of this proposal for the City of Lake City.

☐ Please confirm

*Response required

6.9. Drug Free Workplace Certificate*

I, the undersigned, in accordance with Florida Statute 287.087, hereby certify that, as an authorized signatory on behalf of our organization, publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace named above, and specifying actions that will be taken against violations of such prohibition.

- Informs employees about the dangers of drug abuse in the work place, the firm's policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or contractual services that are under bid or proposal, a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under bid or proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, plea of guilty or nolo contendere to, any violation of Chapter 1893, of any controlled substance law of the State of Florida or the United States, for a violation occurring in the work place, no later than five (5) days after such conviction, and requires employees to sign copies of such written (*) statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.

- Makes a good faith effort to continue to maintain a drug free work place through the implementation of the drug free workplace program.

“As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein”.

☐ Please confirm

*Response required

6.10. Non-Collusion Affidavit*

1. By submitting a response to this solicitation, the Bidder Acknowledges that he/she is authorized to submit the attached response on behalf of their organization for:
006-2021, Light Rescue Fire Truck;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;
3. Such Proposal is genuine and is not a collusive or sham proposal;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, connived, or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Proposal in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm, or person to fix the price or prices in the attached proposal or any other Bidder, or to fix any overhead, profit or cost element of the proposal price or the proposal price of any other Bidder, or to secure through any collusion, connivance, or unlawful agreement any advantage against the City of Lake City, Florida or any person interested in the proposed Contract; and;
5. The price or prices quoted in the attached proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

☐ Please confirm

*Response required

6.11. E-Verify Affirmation Statement*

006-2021-Light Rescue Fire Truck

Contractor/Proposer/Bidder acknowledges and agrees to utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of,

(a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,

(b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

The Contractor/Proposer/Bidder acknowledges and agrees that use of the U.S. Department of Homeland Security's E-Verify System during the term of the Contract is a condition of the Contract.

☐ Please confirm

*Response required

6.12. Bidder's Checklist*

By submitting a response to this solicitation, the bidder acknowledges that they have read, understand and agree to all requirements and that they have completed in their entirety all required documents and/or attachments as a part of their bid submission.

☐ Please confirm

*Response required

6.13. Clarifications and Exceptions*

Please explain in detail any deviation from the specifications. Each deviation must be itemized by number and must specifically refer to the applicable specification. Otherwise it will be considered that items offered are in strict compliance with these specifications and the successful Bidder will be held responsible for meeting the specification. If there will not be any deviation, please type "N/A".

*Response required

6.14. Sworn Statement Under Section 287.133(3)(n), Florida Statutes on Public Entity Crimes

6.14.1. Federal Identification No. (FEID)*

Please provide your FEIN number here.

*Response required

6.14.2. Acknowledgments*

1. This sworn statement is submitted with 006-2021.
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to, and directly related to, the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy or material misrepresentations.

3. I understand that “convicted” or “conviction” as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an “affiliate” as defined in Paragraph 287.133(1)(a), Florida Statutes means:
 1. A predecessor or successor of a person convicted of a public entity crime; or
 2. an entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term “affiliate” includes those officers, directors, executives, partners, shareholders, employees, members and agents who are active in the management of an affiliate. The Ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm’s length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. I understand that a “person” as defined in Paragraph 287.133(1)(c), Florida Statutes, means any natural person or entity organized under the laws of any state of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term “person” includes those officers, directors, executives, partners, shareholders, employees, members and agents who are active in management of an entity.

☐ Please confirm

*Response required

6.14.3. Please indicate which statement applies.*

Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement.

Select all that apply

- ☐ Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, nor any affiliate of the entity have been charged with or convicted of a public entity crime subsequent to July 1, 1989.
- ☐ The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members or agents who are active in management of the entity, or

an affiliate of the entity has been charged with, and convicted of a public entity crime subsequent to July 1, 1989, and (Please indicate which additional statement applies - option 3, 4 or 5))

☐ There has been a proceeding concerning the conviction before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer did not place the person or affiliate on the convicted vendor list. (Please attach a copy of the final order)

☐ The person or affiliate was placed on the convicted vendor list. There has been a subsequent proceeding before a hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the hearing officer determined that it was in the public interest to remove the person or affiliate from the convicted vendor list. (Please attach a copy of the final order)

☐ The person or affiliate has not been placed on the convicted vendor list. (Please describe any action taken by, or pending with, the Department of General Services)

*Response required

6.14.4. Required Documents

Please upload your Final Order if you selected Option 3 or Option 4 above.

6.14.5. Describe Action Taken

Please describe any action taken by, or pending with, the Department of General Services, if you selected Option 5 above.

6.15. Qualified Vehicle Modifier Certificate

6.15.1. Qualified Vehicle Modifier Certification

Please upload your Certificate here.

6.16. Or Equal

*6.16.1. Are you submitting a request to substitute? **

☐ Yes

☐ No

*Response required

6.16.2. Please explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto

6.16.3. Substitution Information

Please upload the specifications for any items you wish to substitute with the understanding that is is up to the City to decide if your item can be considered an equal to the specifications here in.