

INVITATION TO BID 2025-01

FOR A

LADDER TRUCK – FIRE APPARATUS



CITY OF LABELLE, FLORIDA, CITY COMMISSION

City Hall

481 W Hickpochee Ave

LaBelle, Fl 33935

Phone: 863-675-2872

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LADDER TRUCK – FIRE APPARATUS

The City of LaBelle City Commission is seeking bids from qualified firms to deliver a new Fire Apparatus (Ladder Truck), meeting our minimum specifications for the LaBelle Fire Department, LaBelle, Florida. All items are to be factory installed unless otherwise indicated in the specifications. The custom cab and chassis will be provided by the body manufacturer and must meet the most current edition of the NFPA 1901, including amendments.

All information for interested bidders may be obtained at the office of the LaBelle Fire Department Fire Chief Director, 280 S Main Street LaBelle FL or on the City of LaBelle website, www.citylabelle.com

Sealed bids in response to this Invitation will be sent to:

The City of LaBelle
ITB 2025-01
Tia Warner
481 W Hickpochee Ave
PO Box 458
LaBelle, FL 33975

One (1) electronic copy, One (1) unbound original and five (5) copies of the bids may be mailed, or hand delivered to the City of LaBelle Clerk's Office no later than 11:00 am ET, March 28th, 2025, so they may be included among those read at the LaBelle City Hall. Each response should be marked: "Sealed Bid – Ladder Truck, City of LaBelle Fire Department. 03/2025".

The City of LaBelle reserves the right to waive informalities, to reject any and all bids, to evaluate bids, to accept portions of any bid and to accept any bid, which in its opinion, may be in the best interest of the city. The city reserves the right to add to or delete from the contract after the contract has been awarded.

Evidence of Insurance shall also be submitted as a part of the sealed bid, meeting those limits as stated in the bid documents.

No bid will be received or accepted after the above specified date and time of the bid opening.

Bids submitted after the designated date and time will be deemed invalid and returned unopened to the bidder. No bid may be withdrawn within ninety (90) days after the bid opening and all bids shall remain firm during this period.

- **General Background / Special Terms and Conditions**

LaBelle Fire Department has an immediate need for a 2025 or newer Aerial Rear Mount Ladder Truck. While it would be optimal to describe detailed requirements/specifications, timing necessitates purchase of a vehicle, which is either close to production completion, already in pre-built inventory, or currently available in a manufacturer's demo inventory.

Therefore, LaBelle Fire Department is requesting a combined Statement of Qualifications and bids from capable respondents for the supply of one (1) 100+’ length Aerial Rear Mount Ladder Truck apparatus as per the desired specifications attached hereto.

It is understood that the information in the Statement of Qualifications and the price shall be the basis for the selection of the respondent for this RFP. The scoring evaluation, as described below, shall consider factors such as each respondent's ability to perform, their experience, delivery time, and quoted price. This is not an offer. The city does not bind itself to accept the lowest price bid, or any bid submitted.

The proposer acknowledges that the City shall have the right to reject any, or all, Bids for any reason, or to accept any Bid which the Department in its *sole* unfettered discretion deems most advantageous to itself. The lowest, or any, Bid will not necessarily be accepted, and the City shall have the unfettered right to:

- Accept a non-compliant Bid.
- Accept a Bid which is not the lowest Bid; and
- Reject a Bid that is the lowest Bid even if it is the only Bid received.

The Proposed acknowledges that the City may rely upon the criteria which the Department deems relevant, even though such criteria may not have been disclosed to the proposer. By submitting a Bid, the bidder acknowledges the City's rights under this Section and absolutely waives any right, or cause of action against the City, by reason of the City's failure to accept the Bid submitted by the bidder, whether such right or cause of action arises in contract, negligence, or otherwise.

If a contract is to be awarded as a result of the Invitation for Bid, it will be awarded to the bidder whose bid, in the City's opinion, provided the best potential value to the City and is capable in all respects to fully perform the contract requirements and the integrity to assure performance of the contract obligations based on the objective assessment outline in herein.

- **Statement of Qualifications**

Each respondent must respond to the following requests/questions in a clear and comprehensive manner.

- A. Provide the full name and main office address of the responding entity.
- B. Identify when the respondent was organized and if a corporation, when incorporated, and how many years engaged in this type of business/service.
- C. Identify and set out the qualifications of any firm or individuals that the respondent intends to use to perform work/service on this RFP including warranty or follow ups.
- D. Respondents must list 5 references of sales of identical units with contract information for said owners.
- E. Respondents must also list qualifications of instructors performing training on use and care of said unit.

- **Respondents Bid**

Each respondent must respond to each of the following areas in a clear and comprehensive manner:

- A. Clearly designate total price, fees for delivery, and allowance in dollars for customization of pre-built apparatus.

- B. If there are any payments expected to be received by the respondent prior to the delivery, then the timing of the same is to be identified.
- C. All warranties are to be clearly specified. This is to include the length of the warranty, the method of requesting the warranty service and who is to provide the warranty service.
- D. There will be a Pre-build meeting, a mid-build inspection, and a final inspection. Costs of such will be included in the final price of the truck.
- E. List all loose equipment including but not limited to such items as: ground ladders, hose, appliances, tools, mounting brackets, radios, headsets, etc. which are included at no additional cost with the apparatus.
- F. The bid must include payment amount required, schedule of payments throughout the process listed with milestones tied to payment.

- **Scoring of Qualifications and Price**

The evaluation of all qualified bids will be carried out by Department staff with a recommendation brought forward to the Fire Chief

The evaluation team will make a decision based on information gathered during the procurement process and the evaluation criteria outlined in this section.

Failure to provide relevant information may result in penalties being assessed on the evaluation score.

The evaluation matrix, outlined below, will be used to address the following criteria.

- A. Qualifications to provide the requested items based on previous experience capabilities and resources.
- B. The quality of the submitted bid in terms of clarity, meeting the Department's needs, and qualifications.
- C. The business approach is meeting customer service and satisfaction in a timely manner.
- D. Price

EVALUATION MATRIX

Criteria	Weighted Points Available
Respondent Profile Company Capabilities Customer Service and Commitment to Department's Needs Current Customer References ISO and other certifications/compliance	10
Delivery Time	20
Warranty	10
Configuration and overall design	20
Equipment included	10
Proximity to manufacturer or qualified service location	10
Price	20
Total Score	100

- **GENERAL DIRECTION**

LaBelle Fire Department desires a new 2025 (or newer) 100+’ Aerial Rear Mount Ladder Truck meeting or exceeding the following specification or accepted equivalents.

Each proposer is required to list out the following approximate dimensions of the apparatus being submitted: overall length, height, wheelbase, aerial length, and cab to axle. This vehicle must fit into a door opening 13’ high and 11’ wide.

All quotes must include miscellaneous supplies, the ladder must deliver turnkey ready with all components of a “in-service turnkey apparatus” to include, air packs, ladders, hose, radios, extrication equipment, and other necessary items to be determined.

The apparatus will meet or exceed NFPA1901 acceleration requirements and NFPA 1901 braking requirements.

- **NFPA 2021 STANDARDS**

This unit will comply with the NFPA standards effective January 2025. A plate that is highly visible to the driver while seated will be provided. This plate will show the overall height, length, and gross vehicle weight rating.

- **TRAINING**

There shall be Four (4) days of instruction which will be provided by a factory-authorized representative. The instruction program shall be two-fold. One (1) full day of a train-the-trainer program followed by three (3) days designed to instruct the firefighters and engineers on the aerial device. Manufacturers recommended duration comprehensive training provided to Department Fleet Maintenance personnel in addition to Operations personnel.

- **AERIAL APPARATUS CLASSIFICATION**

This apparatus will be classified as an aerial fire apparatus. Per NFPA 1901 requirements, this apparatus will include the following minimum components:

- Fire pump: 1500 gpm minimum.
- Water tank: 400-gallon minimum capacity
- Ground ladder storage: 148 ft minimum.
- Hose storage: 1000 ft large diameter hose, with 550’ 1 ¾’ and 300 ft of 2 ½’ cross lays (3 cross lays) Cross lays to be speed load trays.

- **MINIMUM DESIRED CONFIGURATION**

- Rear Axle - Must be single Axle.
- Stabilizer Spread - Between 17-19’
- Stabilizers - H-Style & Down Jacking
- Flow Capacity - 1500 gpm.
- Hose bed - Must Hold 1000’ of large diameter hose.
- Ladder Complements - No less than 115.’
- Ladder Reach - No Less than 100’ Horizontal, no less Than 120’ Vertical
- Operating Range - -5 degree or more to 75 degree or more
- Payload Capacity - 700lb + dry / 500 lb. wet
- Pump Range - Waterous, Hale, Darley, PTO
- Tank - Must be 400 gallons +

- Compartments - 24" + deep, 175 cubic feet + of storage, recess shelf racks, full compartment lighting, 450lb + sliding trays, swinging tool boards, reel mounting, dividers,
- Wind Rating - 45 mph+
- Foam System - Must have a foam system (Hercules, Husky)
- Suspension - Must have independent front suspension.
- Appropriate emergency warning and siren equipment as outlined in NFPA standards.
- Custom cab exceeding ECR-29R crash test standards. This is to be a flat roof cab.
- 70-inch rear cab area
- Heavy or extreme-duty cab interior with appropriate insulation to minimize sound and engine heat inside the cab.
- Tilt-cab with 45-degree capability and appropriate hydraulic lift and locking system,
- Climate control system including appropriately sized air conditioning system for both front and rear passengers.
- Pre-wiring for one (1) Harris 800 radio and antenna mount on roof.
- Pre-wiring for one (1) Motorola VHF radio and antenna mount on roof.
- Officer's side mounting bracket for mobile computer including pre-wiring power port.
- Backup and side view camera system
- Full Headset system
- Traditional federal Q
- Roto-ray
- Scene lights on tip of ladder before rescue tip
- Appropriately sized generator with at least one pre-connected 200' corded electrical reel and junction box.
- At least four tool slides inside compartments
- Electronic display provides the following information, at a minimum: distance from ground to the ladder tip, degree of rotation, degree of slope, angle of elevation, ladder extension, rung alignment, aerial track lighting to be red, white, and blue. The waterway monitor flow is in gallons per minute.
- Minimum of four (4) telescoping LED scene lights mounted two per side as well as two additional telescoping LED lights in basket. Mounted LED scene lights on both sides of the truck. Front brow light across the top of the cab with built-in DOT lights.
- Thermal Imaging at tip of Ladder with remote viewing
- Camera on tip of Ladder with remote viewing
- Roll-up style compartment doors
- Spare SCBA bottle storage
- Multiple 2 ½' intakes
- Stokes basket with mounts and parapet brackets
- Monitors on tip of ladder including separate 2 ½" high rise connection.
- Tilting tool trays
- Hinged tool panels (Dual side tool mounting capabilities)
- Chest type toolbox with drawers
- Rappelling eyes and Rescue anchor points
- 2 separate troughs on the front bumper 1 trough to hold 100' of 1 ¾" hose.
- Mounted roof ladder
- Storage box on aerial for Stokes basket and parapet
- 4- MSA G1 Packs
- 8- CYL, GI LP RC, 4500 PSIG, 45MINS W/QC
- 4- Fcpc, GI, FS, MD, MD NC, 4PT C-HARN, C-NS
- 1-18" PPV Battery Fan Hurst
- 2-12AH BATT, (2) CHGR, shore power

- Hurst S 799 E3 Cutter – TOOL ONLY-{E3F}
- Hurst SP 777 E3 Spreader - TOOL ONLY-E3F)
- Hurst R 521 E3 Ram - TOOL ONLY-E3F}
- 6- Hurst E3 9AH SALTWATER BATTERY
- 3- EWXT/E3 CHARGER 110-240V
HURST
- Peeling Tip for SP 333/555/777
- 5 POSITION BASE UNIT
- SINGLE RADIO DIGITAL INTERCOM
- 4-WIRELESS HEADSET, TRANSMIT
ONLY- W/ RED COVERS
- RADIO INTERFACE / SPECJ
MAKE/MODEL OF RADIO
- EXTENSION CABLE, 10'
- 150 FT ROLL CABLE
- 10-PRO-FLOW 5" X 100' LDH W/5"
STORZ YELLOW
- K-12 RESCUE SAW 14" (970)
WITHOUT BLADE
- PIRAYA 14X1 DIAMOND BLADE
- STIHL 20" RESCUE SAW
- DEPTH LIMITER KIT W/GUIDEBAR
- HEAVY RESCUE BASIC KIT
- 56 TON LIFT BAG KIT
- ATTACKPRO+, NFPA DRONE
- CERTIFIED, FAST FRAME
- ATTACKPRO GEAR KEEPER,
- RETRACTABLE LANYARD,
- 80mm ALUMINUM CARABINER
- ALL 1 3/4" AND 3" AND 5" HOSE TO
BE INCLUDE"
- AKRON NOZZLES FOR 1 3/4"
- Shelving and Mounting of All Tools

- **Seating Capacity**

The seating capacity in the cab will be six (6).

- **NFPA Compliancy**

The apparatus proposed by the proposer will meet the applicable requirements of the National Fire Protection Association (NFPA) as stated in current edition at time of contract execution. Fire department's specifications that differ from NFPA specifications will be indicated in the bid as "non-NFPA."

- **Approval Drawing**

A drawing of the proposed apparatus will be prepared and provided to the Department along with the bid. The finalized and approved drawing will become part of the contract documents. This drawing will indicate the chassis make and model, location of the lights, siren, horns, compartments, major components, etc.

- **Inspection Certificate**

A third-party inspection certificate for the aerial device will be furnished upon delivery of the aerial device. The

certificate will be Underwriters Laboratories - Type 1 and will indicate that the aerial device has been inspected on the production line and after final assembly.

The following tests will be conducted:

- Magnetic particle inspection will be conducted on every structural weld to assure the integrity of the weldments and to detect any flaws or weaknesses. Magnets will be placed on each side of the weld while iron powder is placed on the weld itself. The powder will detect any crack that may exist. This test will conform to ASTM E709 and be performed prior to assembly of the aerial device.
- With aluminum structural components, visual inspection will be performed on aluminum surfaces (non-magnetic). A liquid penetrant test will be performed on any suspected defective area. This test will conform to ASTM E165 and be performed prior to assembly of the aerial device.
- Ultrasonic inspection will be used to detect any flaws in pins, bolts, and other critical mounting components.

Functional tests, load tests, stability tests, and visual structural examinations will be performed. These tests will determine any unusual deflection, noise, vibration, or instability characteristics of the unit. Apparatus shall be delivered under its own power. A qualified delivery engineer representing the manufacturer shall deliver the apparatus and remain for sufficient time to instruct personnel in the proper operation, care, and maintenance of the apparatus as noted above.

- **Pump Test**

The pump will be tested, approved and certified by Underwriter's Laboratory at the manufacturer's expense. The test results and the pump manufacturer's certification of hydrostatic test; the engine manufacturer's certified brake horsepower curve; and the manufacturer's record of pump construction details will be forwarded to the Department.

- **Total Vehicle Assessment Certification**

The apparatus will be third party, independent, audit certified through Underwriters Laboratory (UL) to the current edition of NFPA 1901 standards. The certification includes all design, production, operational and performance testing of the apparatus.

- **Generator Test**

The generator will be tested, approved, and certified by Underwriters Laboratories at the manufacturer's expense. The test results will be provided to the Department at the time of delivery.

- **Breathing Air Test**

Underwriters Laboratories will draw an air sample from the breathing air system and certify that the air quality meets the requirements of NFPA 1989, *Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection*. If applicable.

- **Chassis**

Chassis provided will be a new, tilt type custom fire apparatus. The chassis will be designed and manufactured for heavy-duty service, with adequate strength, capacity for the intended load to be sustained, and the type of service required. The chassis will be the manufacturer's heavy-duty line tilt cab.

- **Warranty**

Except as provided below and provided the vehicle will be placed in service within 60 days after delivery to the original purchaser as established by our original invoice, for a period of a minimum of **36 months** after delivery to the original purchaser. A copy of the warranty will be included with this bid. Ladder must include a 20-year structural warranty.