

FIFTEEN ROPE FERRY ROAD



WATERFORD, CT 06385-2886

**TOWN OF WATERFORD  
BOARD OF FIRE COMMISSIONERS  
INVITATION TO BID  
COHANZIE BRUSH TRUCK BODY  
Bid # 09-124**

The Board of Fire Commissioners will receive sealed bids for The Cohanzie Brush Truck Body and Installation of Components. Bids will be received until 2:00 p.m. on November 24, 2008. Bids must be submitted on the Bid Form included in the bid packet, in a sealed envelope that is clearly marked **SEALED BID FOR** Cohanzie Brush Truck and Body Options **with bid number, time of bid opening and date. Bids may be mailed or hand delivered to the Purchasing Office, Town of Waterford, and 15 Rope Ferry Road, Waterford, CT 06385. Bids will be publicly opened in the Louise B Appleby Room.** Bid Packets are available at <http://www.waterfordct.org/depts/finance/purchasing.htm> or may be picked up at the Finance Office 15 Rope Ferry Rd Waterford, Connecticut. Any questions regarding specifications, policies and procedures are to be directed to the Purchasing Agent 440-0540. The Board of Fire Commissioners reserves the right to reject any or all bids, in whole or in part, and to waive any informality in any bid when such action is deemed to be in the best interest of the Town; their decision is final.

Kate Rotella  
Purchasing Agent  
November 9, 2008

## **INTRODUCTION**

The Following is a description/scope of work for the purposes of creating a custom option Forestry Firefighting Vehicle by utilizing a provided F550 chassis with dual rear wheels. The successful bidder will conduct all installs and modifications in accordance with the following NFPA Standards:

- A. NFPA 1901-*Standard on automotive firefighting apparatus*
- B. NFPA 1500-*Standard on Firefighter Health and Safety*
- C. NFPA 1906-*Standard on Wildland firefighting apparatus*

## **SCOPE OF WORK TO BE PERFORMED BY SUCCESSFUL BIDDER**

### **I. PROVIDE ONE (1) READING HD108AB BODY MODIFIED AS PER THE FOLLOWING BODY SPECIFICATION:**

READING Heavy-Duty Truck Body Model HD108AB Heavy-duty 43" height body designed for Ford F550 dual rear wheel chassis. The body shall be ordered by the bidder to meet the following specifications/dimensions;

- 1) Body shall be delivered to successful bidder by Reading dealer in a primer condition for body modifications as noted below. Upon completion of modifications body shall be returned by Reading dealer for finish paint to match fire department supplied cab & chassis job color – red at which time the finished body will be delivered to successful bidder for final assembly.
- 2) Install and securely mount body onto customer-supplied cab & chassis.
- 3) Compartment Clear Door Openings (approx.):
  - a) 29 ¼ x 38 ½ Left & right side forward of rear wheels.
  - b) 45 ½ x 14 Left center over rear wheels.
  - c) 20 ¾ x 38 ½ Left side behind rear wheels.
  - d) 69 ¾ x 14 Right side upper, over rear wheels and E.
  - e) 20 ¾ x 21-3/8 Right side lower, behind rear wheels.
- 4) Modify the above HD108AB body to accept customer's existing Fire-One 250-gallon skid unit and forestry pump. Body interior shall be enlarged to accept skid unit that is wider than standard body and provision of structural steel support under the skid unit's water tank and through the body floor to allow attachment to the frame. Raise existing skid unit frame to allow for storage of long tools under water tank. Body modifications, to include cutting, grinding, sanding, welding, shall be done prior to finish paint. Openings for all body emergency and work lights shall be cut and drilled prior to paint and final finish to eliminate body corrosion.
- 5) Body size 60" cab to axle.
- 6) Body. approximate weight 1,414 lbs.

- 7) Floor area 42" clear between wheel boxes.
- 8) Tailgate deleted and surrounding area reinforced.
- 9) Six (6) incandescent lights installed one (1) in each compartment.
- 10) LED clearance/DOT light upgrade package
- 11) Two (2) Bright-finish aluminum treadplate catwalks shall be installed full length along the top surface above compartments both sides of the body.
- 12) Two (2) 20"W x 43-3/4"H bright-finish aluminum treadplate gravel-guards shall be installed on the forward vertical surface of the left and right side body panels.
- 13) Four (4) rubber fender well extensions shall be install, two (2) on the body, two (2) on the cab.
- 14) Spray interior of compartments (excluding interior of compartment doors) and cargo bed area with thick film polyurethane bed liner paint, color black, such as or equal to Line-X bed liner material.
- 15) Install a combination step/bumper with trailer hitch constructed of heavy-duty treadplate on rear of body to include Class-III hitch receiver with 12-volt trailer receptacle for trailer lights and electric trailer brakes. Step/bumper to be properly reinforced to accept Class-III loads.
- 16) Install two (2) rear body mud flaps.

## **II. AFTER MARKET ADDITIONS AND MODIFICATIONS AS PER THE FOLLOWING SPECIFICATIONS:**

- 1) Provide and install Warn Model 71801 12,000# Winch with 125' 3/8" wire cable. Includes, Weather Cover Accessory Kit and Ford Mount Kit.
- 2) Provide and install a 'Backstop' front bumper extension kit equipped for Warn front-forward winch mounting. Color black.
- 3) Provide and install a custom made Havis Shield's 11"W x 32"L center console between the driver and passenger seats, to include six (6) rocker switch controls for body lighting and Whelen siren control head. Console shall also accommodate fire department supplied two-way radio and portable radios. Mobile radio is a Vertex. Portable is a Motorola MT 1000 with vehicle charger.
- 4) Remove standard 12-volt incandescent compartment lighting and replace with Whelen PS-Strip LED light strips, one (1) in each compartment. Lights to be controlled from rocker switch on center console inside cab marked COMPARTMENT LIGHTS.

- 5) Provide and install two (2) F.R.C. 12-Volt scene lights, one (1) each side of pump and tank. Lights to be controlled from rocker switch on center console inside cab marked SCENE LIGHTS.
- 6) Provide and install Kussmaul Auto Charge 1000 Battery Charger with Kussmaul Auto Eject and one (1) 120-volt duplex Shore Line Power receptacle inside the front compartment.
- 7) Provide and install handrail with anti-slip rubber inserts along top and rear of compartments on catwalks. Supports to be added under all stanchions.
- 8) Provide and install remote 5-Gallon poly gasoline fuel tank for the existing forestry pump, mounted in a safe and secure location to allow for easy refueling while pump and engine are in operation.
- 9) Modify existing Cross Lays, extending to the full width of body to increase hose storage capacity.
- 10) Fabricate and install new poly Hose Covers for front crosslays to comply with NFPA-1901. Cover to be hinged and be equipped with hold down devices. Ends of hose tray to be red vinyl covers to secure hose load in place for safety.
- 11) Provide and install a Scotty Class-‘A’ Foam System to existing forestry pump complete with 5-gallon poly foam tank.
- 12) Provide and install full set of stainless steel wheel covers.
- 13) Relocate existing skid unit’s forestry pump/engine control station, including start/stop, throttle control, engine tachometer, and water level gauge to new body.
- 14) Transfer existing Fire-One skid unit with forestry pump and water tank from old truck to new truck. Wire skid unit to new chassis battery circuit.
- 15) Provide and install white Scotchlite 4” NFPA Stripe along both sides of cab and body.
- 16) Provide and install red and yellow Scotchlite NPFA chevron pattern on rear of body.

### **III. EMERGENCY LIGHTING/SIREN**

- 1) Supply and install one (1) Whelen Liberty LED light bar 55”Long for Ford F-550 Cab equipped with work lights and alley lights.
- 2) Supply and install two (2) Whelen 500-Series Super LED warning lights with trim frames to lower Zone A (front cab grill).
- 3) Supply and install two (2) 500-Series Super LED warning lights with trim frames to lower Zone B & D front bumper).

- 4) Supply and install two (2) 500-Series Super LED warning lights with trim frames to lower Zone B & D (wheel wells). Rear and side warning lights require extension cables to reach the cab console.
- 5) Supply and install one (1) Whelen HFSC9 electronic siren with Howler feature. Control head to be mounted in cab console.
- 6) Supply and install two (2) Whelen Siren Speakers on front bumper.
- 7) Supply and install two (2) Whelen Brake Taillights Warning Assemblies on rear body surface in Cast-3 housings to include three (3) Whelen 600-Series brake/ tail, turn and backup lights. Backup Lights shall double as rear scene lights in the park mode, and wired to relay from backup light circuit of chassis. Scene light shall be controlled from rocker switch in cab console.
- 8) Supply and install two (2) 500-Series Super LED Amber with trim frames to upper Zone C. (upper rear body).
- 9) Supply and install two (2) 600-Series Super LED Red with trim frames in lower Zone C (rear of body above taillight assembly).

## INFORMATION AND GENERAL REQUIREMENTS TO BIDDERS

1. Sealed bids (**one original and one copy**) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 15 Rope Ferry Rd Waterford, Connecticut 06385. At the designated time of opening, they will be publicly opened, read, recorded and placed on file.
2. Whenever it is deemed to be in the best interest of the Town, the Board of Selectmen shall have the right to accept or reject any bid, or any part of any bid, when such action is deemed to be in the best interest of the Town of Waterford.
3. The award will be on the basis of qualified, lowest bidder to meet specifications unless otherwise specified.
4. Bids will be carefully evaluated as to conformance with stated specifications.
5. The envelope enclosing your bid should be clearly marked on its front by bid number, time of bid opening and date.
6. Specifications must be submitted complete in every detail, and when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, underlined, and attached to the bid.
7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the Bid.
8. **IF APPLICABLE** each bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet these criteria shall not relieve the Bidder of the responsibility of completing the Bid without extra cost to the Town of Waterford.
9. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Should there be reasons why a Bid cannot be awarded within the specified period; the time may be extended by mutual agreement between the Town and the bidder.
10. **THIS ITEM WAIVED** each bid must be accompanied by a bid bond payable to the Town for five percent (5%) of the total amount of the bid. The bid bond of the successful bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a bid bond. The Town of Waterford will not be liable for the accrual of any interest on any certified check submitted.
11. **THIS ITEM WAIVED** a 100% Performance and Payment bonds are required of the successful bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. The Performance and Payment Bonds will be returned upon the delivery and acceptance of the bid items. This submission must be received within five days of contract award. Bonds must meet the following requirements: Corporation - must be signed by an official of the corporation above their official title and the corporate seal must be affixed over the signature; Firm or Partnership - must be signed by all the partners and indicate they are "doing business as"; Individual - must be signed by the owner and indicated as "Owner". The surety company executing the bond or countersigning must be licensed in Connecticut and an official of the surety company must sign the bond with the corporate seal

affixed over their signature. Signatures of two witnesses for both the principal and the surety must appear on the bond. Power of attorney for the official signing the bond for the surety company must be submitted with the bond.

12. The bidder agrees and warrants that in the submission of this sealed bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex, or physical disability including, but not limited to blindness, unless it is shown by such bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the bidder.
13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this bid will conform to and comply with said standards and regulations. Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.
14. The Town of Waterford is exempt from Excise, Transportation and Sales taxes imposed by the Federal Government and/or State of Connecticut. Such taxes must not be included in proposal prices. Exemption certificates will be provided upon request.
15. By submitting a proposal, Vendors certify that the proposal is made independently and without collusion, agreement, understanding, or planned course of action with any other Vendor and that the contents of the proposal shall not be disclosed to anyone other than their employees, agents, or sureties prior to the official opening.
16. **IF APPLICABLE** the Bidder, when applicable, agrees to pay its labor force Prevailing Wage Rates and to comply with all Laws, Regulations and Ordinances regarding these wage rates and the recording of them set forth by the Connecticut Department of Labor.
17. Vendors shall observe and comply with all Federal, State and local laws, ordinances and regulations. Vendors shall indemnify and save harmless the Town, all of its officers, agents and servants against any claim or liability arising from or based on the violation of any such law, ordinance, regulation or negligence whether by the bidder, his employees, his consultant and/or their employees.
18. Bidders are responsible for checking the Town of Waterford website at <http://www.waterfordct.org/depts/finance/purchasing.htm> for any addendums and updates to the Bid.

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WATERFORD, CT 06385-2886

**BID FORM  
COHANZIE BRUSH TRUCK BODY AND OPTIONS  
BID #09-124**

\_\_\_\_\_  
**VENDOR NAME AND ADDRESS**

\_\_\_\_\_  
**PRINTED NAME AND TITLE OF VENDOR'S AGENT**

\_\_\_\_\_  
**PHONE AND FACSIMILE NUMBERS, E-MAIL ADDRESS**

I \_\_\_\_\_ of the  
Name Position

above named firm hereby submit the following bid in accordance with Town of Waterford specifications.

\_\_\_\_\_  
**SIGNATURE**

\_\_\_\_\_  
**DATE**

\$ \_\_\_\_\_

**BID PRICE**

**TIME REQUIRED FOR DELIVERY AND INSTALLATION:**  
\_\_\_\_\_

**WARRANTY PERIOD FOR COMPONENTS, BODY AND INSTALL:**  
\_\_\_\_\_

**CONDITIONS OF WARRANTY:**  
\_\_\_\_\_  
\_\_\_\_\_

**COMMENTS:**  
\_\_\_\_\_  
\_\_\_\_\_

Please attach specification sheets to the Bid Form. Failure to attach same will nullify the bid.