



**HIGHLANDS COUNTY  
BOARD OF COUNTY COMMISSIONERS  
GENERAL SERVICES / PURCHASING**

**INVITATION TO BID (ITB)**

The Board of County Commissioners (BCC), Highlands County, Sebring, Florida, will receive sealed bids in the County Purchasing Department for:

**ITB 10-036            FIRE ENGINE FOR WEST SEBRING FIRE DISTRICT  
NIGP COMMODITY / SERVICES CODE: 070-57**

Specifications may be obtained by downloading from our website: [www.hbcc.net](http://www.hbcc.net) or by contacting: Gerald (Jed) Secory, Director, Highlands County General Services / Purchasing Department, 4320 George Blvd., Sebring, FL 33875-5803 Telephone: 863-402-6523; Fax: 863-402-6735, or by E-Mail: [gsecory@hbcc.org](mailto:gsecory@hbcc.org) or Assistant Director, Danielle Gilbert, CPPB, Phone: 863-402-6524, E-Mail: [dgilbert@hbcc.org](mailto:dgilbert@hbcc.org)

**Submit (1) one original and (4) four copies** of your bid form, and other required data in a sealed envelope marked with the bid number and name so as to identify the enclosed bid submittal. Bid envelopes must be sealed and marked with the bid number and name so as to identify the enclosed submittal. Bids must be delivered to the Highlands County Purchasing Department, 4320 George Blvd., Sebring, FL 33875-5803 so as to reach said office no later than **2:00 P.M., Thursday; April 8, 2010**, at which time they will be opened. Bids received later than the date and time as specified will be rejected. The Board will not be responsible for the late deliveries of bids that are incorrectly addressed, delivered in person, by mail or any other type of delivery service.

One or more County Commissioners may be in attendance at the above bid opening. Highlands County Local Preference Policy will apply to the award of this ITB.

The Highlands County Board of County Commissioners (HCBC / County) reserves the right to accept or reject any or all bids or any parts thereof, and the award, if an award is made, will be made to the most responsive and responsible bidder whose bid and qualifications indicate that the award will be in the best interest of Highlands County.

The Board reserves the right to waive irregularities in the bid.

The Board of County Commissioners of Highlands County, Florida, does not discriminate upon the basis of any individual's disability status. This non-discrimination policy involves every aspect of the Board's functions, including one's access to, participation, employment or treatment in its programs or activities. Anyone requiring reasonable accommodation as provided for in the Americans with Disabilities Act or Section 286.26 Florida Statutes should contact Mr. John A. Minor, ADA Coordinator at: 863-402-6509 (Voice), or via Florida Relay Service 711, or by e-mail: [jminor@hbcc.org](mailto:jminor@hbcc.org). Requests for CART or interpreter services should be made at least 24 hours in advance to permit coordination of the service.

Board of County Commissioners  
Purchasing Department  
Highlands County, Florida

Website: [www.hbcc.net](http://www.hbcc.net)

**BID REGISTRATION FOR:  
HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS  
ITB No. 10-036  
FIRE ENGINE FOR WEST SEBRING FIRE DISTRICT  
NIGP COMMODITY / SERVICES CODE: 070-57**

You **MUST** register using this form in order to receive notice of any addenda to these documents. Please fax the completed form to the Purchasing Department as soon as possible. It is the vendor's responsibility to verify if addenda have been issued. All addenda can also be found on the web: [www.hbcc.net](http://www.hbcc.net)

Bid Number and Title: **ITB 10-036**                      **FIRE ENGINE FOR WEST SEBRING FIRE DISTRICT  
NIGP COMMODITY / SERVICES CODE: 070-57**

**Bid Opening:** Bids must be delivered to Highlands County Purchasing Department, 4320 George Blvd., Sebring, FL 33875-5803; no later than **2:00 P.M., THURSDAY; April 8, 2010** at which time they will be opened. Bids received later than the date and time as specified will be rejected.

**Special Instructions:** There will be no Pre-Bid for this project.

This form is for bid registration only.

**BIDDER REGISTRATION  
EMAIL OR THIS FORM BACK IMMEDIATELY  
DANIELLE GILBERT: [dgilbert@hbcc.org](mailto:dgilbert@hbcc.org)  
FAX: (863) 402-6735**

Carefully complete this form and mail or fax it to the Purchasing Department. You must submit one form for each bid that you are registering for.

**Company Name:** \_\_\_\_\_

**Contact Person:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

- A. All responses shall become the property of the County.
- B. **Florida Statutes** 287.087, on Drug Free Work Place, 287.133(3) (a) on Public Entity Crimes, and Section 287.134, on Discrimination, as a whole and/or as shown below, will be complied with:

**287.087, Preference to businesses with drug-free workplace programs:**

In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.
5. Impose a sanction on, or require 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.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

NOTE: PLEASE INCLUDE YOUR "DRUG FREE" STATUS AS PART OF THE GENERAL COMMENTS IN YOUR PROPOSAL OR WHERE INDICATED ON THE BID FORM.

**287.133, Public entity crime; denial or revocation of the right to transact business with public entities:**

(2)(a) A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in s. 287.017 for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

**287.134, Discrimination; denial or revocation of the right to transact business with public entities:**

(2)(a) An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid on a contract or provide goods and services to a public entity, may not submit a bid on a contract with a public entity for construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not award or perform work as a contractor, supplier, subcontractor, or consultant under contract with any public entity, and may not transact business with a public entity.

- C. Responses are due and must be received in accordance with the instructions given in the announcement page.
- D. The County will not reimburse respondent(s) for any costs associated with the preparation and submittal of any responses.
- E. Respondents, their agents and associates shall refrain from contacting or soliciting any County Official and that contact may be made ONLY with the individual(s) listed in this document for additional information and clarification.
- F. Due care and diligence has been exercised in the preparation of this document and all information contained herein is believed to be substantially correct; however, the responsibility for determining the full extent of the service required rest solely with those making response. Neither the County nor its representative shall be responsible for any error or omission in the responses submitted, nor for the failure on the part of the respondents to determine the full extent of the exposures.
- G. All timely responses meeting the specifications set forth in this document will be considered. However, respondents are cautioned to clearly indicate any deviations from these specifications. The terms and conditions contained herein are those desired by the County and preference will be given to those responses in full or substantially full compliance with them.

## SECTION I: GENERAL TERMS AND CONDITIONS (Rev 09/2006) cont'd

- H. Each respondent is responsible for full and complete compliance with all laws, rules and regulations including those of the Federal Government, the State of Florida and the County of Highlands. Failure or inability on the part of the respondent to have complete knowledge and intent to comply with such laws, rules and regulations shall not relieve any respondent from its obligation to honor its response and to perform completely in accordance with its response.
- I. The County, at its discretion, reserves the right to waive minor informalities or irregularities in any responses, to reject any and all responses in whole or in part, with or without cause, and to accept that response, if any, which in its judgment will be in its best interest.
- J. Award will be made to the respondent whose submittal is determined to be the most advantageous to the County, taking into consideration those responses in compliance with the requirements as set forth in this document. The Board of County Commissioners reserves the right to reject any and all responses for any reason or make no award whatsoever or request clarification of information from the respondents.
- K. Any interpretation, clarification, correction or change to this document will be made by written addendum issued by the Highlands County Purchasing Department. Any oral or other type of communication concerning this document shall not be binding.
- L. Responses must be signed by an individual of the respondent's organization legally authorized to commit the respondent's organization to the performance of the product(s) and/or service(s) contemplated by this document.
- M. Unless otherwise stated in the specifications, the following Insurance Requirements must be met before delivery of goods and services:

1. Workers' Compensation: Coverage is to apply for all employees for statutory limits in compliance with the law of the State of Florida and federal laws. The policy must include Employer' Liability with a limit of \$100,000 each accident, \$500,000 each employee, \$100,000 policy limit for disease.

2. Commercial General Liability: Occurrence Form Required: (Contractor/vendor) shall maintain commercial general liability (CGL) insurance with a limit of not less than \$500,000 each occurrence. If such CGL insurance contains a general aggregate limit, it shall apply separately to this location/project in the amount of \$500,000. Products and completed operations aggregate shall be \$500,000. CGL insurance shall be written on an occurrence form and shall include bodily injury and property damage liability for premises, operations, independent contractors, products and completed operations, contractual liability, broad form property damage and property damage resulting from explosion, collapse or underground (x, c, u) exposures, personal injury and advertising injury. Fire damage liability shall be included at \$100,000.

3. Commercial Automobile Liability Insurance: (Contractor/vendor) shall maintain automobile liability insurance with a limit of not less than \$500,000 each accident for bodily injury and property damage liability. Such insurance shall cover liability arising out of any auto (including owned, hired, and non-owned autos). The policy shall be endorsed to provide contractual liability coverage.

#### 4. Special Requirements / Evidence of Insurance:

a. A copy of the Contractor's / Vendor's current certificate of insurance MUST be provided with the response to this ITB, RFP, etc. A formal certificate shall be provided upon announcement that a Contractor / Vendor has been awarded the work as called for in this document. The Certificate(s) shall be signed by a person authorized by that insurer to bind coverage on its behalf. All Certificates of Insurance must be on file with and approved by the County before commencement of any work activities. The formal insurance certificate shall also comply with the following:

- 1) "Highlands County, a Political Subdivision of the State of Florida and its Elected Officials, its Agents, Employees, and Volunteers" shall be named as an "Additional Insured" on all policies except Worker's Compensation.
- 2) The policy shall provide a 30-day notification clause in the event of cancellation or modification to the policy. Highlands County will be given notice prior to cancellation or modification of any stipulated insurance.
- 2.1) In the event the insurance coverage expires prior to the completion of the project, a renewal certificate shall be issued 30-days prior to said expiration date.
- 2.2) Such notification will be in writing by registered mail, return receipt requested, and addressed to the General Services / Purchasing Director, 4320 George Blvd., Sebring, FL 33875-5803.

b. It is the responsibility of the contractor to insure that all subcontractors comply with all insurance requirements.

c. It should be remembered that these are minimum requirements, which are subject to modification in response to high hazard operations.

## **SECTION I: GENERAL TERMS AND CONDITIONS (Rev 09/2006) cont'd**

- N. If the goods or services being bid are for an annual or a semi-annual contract period then Interlocal Agreements between Highlands County Board of County Commissioners, other State or County agencies, the Cities of Sebring and Avon Park, the Town of Lake Placid, and the Highlands County School Board, allow those entities to purchase goods and services through the County's bids so long as such purchases will not interfere with the timely delivery of goods and services to the County in strict conformity with all specifications of its bids. Each governmental entity will issue its own purchase orders for all purchases made and will be responsible for all payments thereof. Highlands County reserves the right to direct the successful bidder to prioritize its delivery of goods and services to the County ahead of delivery to other governmental entities purchasing under the County's bids.
- O. If submitting a response for more than one bid, each bid must be in a separate envelope and correctly marked.
- P. The employment by Contractor of unauthorized aliens in violation of Section 274A of the Immigration and Nationality Act of 1986, as from time to time amended, shall constitute an event of default by Contractor, and upon the occurrence of any event of default, all obligations on the part of the County to make any further payment of funds pursuant to the Contract shall, if the County so elects, terminate, and the County may, at its option, terminate the Contract for cause, but the County may make any payments or parts of payments after the happening of any event of default without thereby waiving the right to exercise any remedies, and without becoming liable to make any further payment. Contractor attests that it is in full compliance with all applicable immigration laws, including, but not limited to, the Immigration and Nationality Act of 1986, as amended.

### **ADDITIONAL TERMS AND CONDITIONS**

All pages included in or attached by reference to this document shall be called and constitute the submittal as stated on the front page of this document. Vendors who will not be submitting a proposal are requested to notify us and indicate why they are not bidding. Vendors who fail to respond to two or more consecutive announcements may be removed from the County's Vendor bidding list.

## SECTION II: LOCAL PREFERENCE

BOARD ADOPTED PURCHASING MANUAL 08/13/2002

**APPROVED 09/23/2008**

SECTION 2 – POLICIES

ADDITION OF SUBSECTION 110 “LOCAL PREFERENCE”

110	Local Preference	
	110.10 Allowance of a Local Preference.....	2.7

### 110.10 Intent and Purpose

The intent and purpose of the Highlands County Local Preference in Purchasing is to establish a written policy that allows the authorized purchasing authority of the County to give a preference to local businesses.

### 110.20 Acknowledgements

Any type of procurement done by the [County](#) staff to which the provisions of this subsection are being applied will contain a statement that a local preference will be used in the evaluation and award of that purchase.

### 110.30 Preference in Bidding

In purchasing, or contracting for procurement of, tangible personal property, materials, contractual services, and construction of improvements to real property or existing structures, the authorized purchasing authority of the County will give a preference to local businesses in making such purchases or awarding such contracts, in an amount of five (5) percent of the total purchase price under \$250,000.00; four (4) percent from \$250,000.00 to less than \$1,000,000.00; three (3) percent from \$1,000,000.00 to less than \$2,000,000.00; and two (2) percent for purchases \$2,000,000.00 and over with a maximum cost differential that shall not exceed \$80,000.00. For purposes of this subsection “total purchase price” shall include the base bid and all alternatives or options to the base bid which are being awarded by the authorized purchasing authority of the County.

### 110.40 Preference in (RFP) Requests for Proposals

In purchasing, or contracting for procurement of, tangible personal property, materials, contractual services, and construction of improvements to real property or existing structures for which a request for proposals is developed with evaluation criteria, a local preference of not more than five (5) percent of the total score will be assigned for a local preference. Based upon analysis of the market place for each project, staff shall make a determination for inclusion of a local preference in the criteria for consideration for each request for proposal.

### 110.50 Notice

All procurement documents including but not limited to bid documents and request for proposal documents shall include a notice to vendors of the County’s Local Preference Policy.

### 110.60 Local Business Definition

For purposes of this subsection, “local business” shall mean a business which:

- (1) Has had a fixed office or distribution point located in and having a street address within Highlands County for at least twelve (12) months immediately prior to the issuance of the request for quotations, competitive bids or request for proposals by the County; and
- (2) Holds any business license required by the County, and/or, if applicable, the Municipalities; and
- (3) Employs at least one full-time employee, or two part-time employees whose primary residence is in Highlands County, or, if the business has no employees, the business shall be at least fifty (50) percent owned by one or more persons whose primary residence is in Highlands County.

### 110.65 Certification

Any vendor claiming to be a local business as defined by Section [2.110.60 of this Manual](#), shall deliver a written certification to the County Purchasing Department. The certification shall certify that the business is a “local business” as that term is defined in Section 2.110.60 of this Manual, shall provide all necessary information establishing that fact, and shall be signed under penalties of perjury. It is also the responsibility of any vendor claiming to be a local business, as defined by Section 2.110.60 [of this Manual](#), to include a copy of its certification in its bid or proposal. The Purchasing Department shall be required to verify the accuracy of any such certifications when determining whether a vendor meets the definition of a “local business.”

**SECTION II: LOCAL PREFERENCE CONT'D**

**110.70 Exceptions to Local Preference Policy**

(a) The procurement preference set forth in this policy shall not apply to any of the following purchases or contracts:

1. Goods or services provided under a cooperative purchasing agreement or interlocal agreement;
2. Contracts for professional services procurement of which is subject to the (CCNA) Consultants' Competitive Negotiation Act or subject to any competitive consultant selection policy or procedure adopted by or utilized by the Board of County Commissioners;
3. Purchases or contracts which are funded, in whole or part, by a governmental entity and the laws, regulations, or policies governing such funding prohibit application of that preference;
4. Purchases made or contracts let under emergency or noncompetitive situations or for litigation related legal services.

(b) Application of local preference to a particular purchase, contract, or category of contracts for which the Board of County Commissioners is the awarding authority may be waived upon written justification and recommendation by the County Administrator, Assistant County Administrator or General Services Purchasing Director.

(c) The local preference established in this policy does not prohibit or lessen the right of the Board of County Commissioners and General Services Purchasing staff to compare quality or fitness for use of supplies, materials, equipment, and services proposed for purchase and to compare qualifications, character, responsibility, and fitness of all persons and entities submitting quotations, bids or proposals.

(d) The local preference established in this policy does not prohibit the Board of County Commissioners from giving any other preference permitted by law, in addition to the local preference authorized in this policy.

**110.75 Application and Enforcement of Preference Policy**

(a) The local preference established in this policy shall apply to new quotations, contracts and procurements solicited after the effective date of [this](#) policy.

(b) This policy shall be implemented in a fashion consistent with otherwise applicable County purchasing policies and procedures.

**110.80 Promulgation of Rules**

(a) The County Administrator, Assistant County Administrator, or General Services Purchasing Director are hereby authorized to adopt administrative rules supplemental to the provisions of this policy as deemed necessary and appropriate to implement the provisions of this policy.

(b) The provisions of this policy and the rules adopted by the County Administrator, Assistant County Administrator, or General Services Purchasing Director shall be provided to potential bidders, vendors, and contractors to the widest extent practicable.

### **SECTION III: INTRODUCTION**

The West Sebring Fire District is requesting pricing for the following specifications for a new Fire Department Engine.

It is the intent of these specifications to cover the furnishing and delivery to the purchaser of a complete apparatus as hereinafter specified. In order to obtain the best results and the most acceptable apparatus for service in the Fire Department, these specifications cover only the general requirements as to the type of construction and tests, to which the apparatus must conform, together with certain as to finish, equipment and appliances with which the successful bidder must conform. Minor details of construction and materials, where not otherwise specified, are left to the discretion of the manufacturer, who shall be solely responsible for the design and construction of all features.

### **SECTION IV: REQUIREMENTS**

The latest (NFPA) National Fire Protection Association edition of the 1901 Standard for Automotive Fire Apparatus in effect at the time of the bid shall be used as a reference and, unless otherwise specified in these specifications, its requirements shall be met by the bidder. Bidder shall construct the apparatus in accordance with federal and state laws at the time of bid.

The chassis, cab and body to be the bidder's own design and manufactured in the factory of the bidder to insure parts availability and undivided warranty responsibility. "Single source" warranty and service provisions from one manufacturer are mandatory.

Each bidder shall furnish satisfactory evidence of their ability to construct the apparatus specified and shall state the location of the factory where the apparatus is to be manufactured. They shall also show that they are in a position to render prompt service and to furnish replacement parts for said apparatus.

Each submittal shall be accompanied by a "Contractors Proposal" consisting of a detailed description of the apparatus and equipment proposed and to which the apparatus furnished under this bid shall meet. Bidder's submittal shall be in the same order as specifications so that it may be easily compared and checked for compliance.

#### **A) GENERAL CONSTRUCTION**

- 1) The apparatus shall be designed and the equipment mounted with due consideration to distribution of load between the front and rear axles so that all specified equipment, including a filled water tank, full complement of personnel and fire hose shall be carried without damage to the apparatus.
- 2) Weight balance and distribution shall be in accordance with recommendations of the NFPA current standard automotive practices.

## **SECTION IV: REQUIREMENTS CONT'D**

- 3) Chassis shall be a new, heavy-duty, custom fire apparatus design built expressly for the SAID Fire Department. All standard components that have not been specified shall be provided. Chassis shall be designed, engineered and built by the bidder and be the manufacturer's first line 6 person custom chassis. Cab to have twelve (12) inch Vista Roof – No Windows. All windows shall be tinted. The chassis shall be suitable for heavy duty service with all components having adequate strength and capacity for the intended load to be sustained and the type of service required.
  - 4) Wheelbase shall not exceed 234".
  - 5) Overall height of vehicle shall not exceed 10' 5"
  - 6) Entire cab shall tilt. Seating capacity shall be provided for six (6) personnel (including driver). Rear axle gearing shall allow a top speed of approximately 68 miles an hour.
  - 6) GVW rating shall be a minimum of 44,000 lbs.
  - 8) The Fire Engine shall be of Aluminum Body Construction, bidder to specify type of construction of body with bid.
  - 9) All exterior compartments shall be aluminum painted shutter type rollup doors with the exception of the compartments under the cat walk for the pump operator.
  - 10) These specifications are intended to be equivalent and not brand specific. Specifications are used to identify what is desired and other brands should bid their equivalent, each vendor must state if different that specified.
  - 11) Bid submittal must include warranties for applicable items including bumper to bumper, drive train, hydraulics, water tank, etc.
  - 12) Bid submittal must include all contact information for the nearest Authorized Factory Repair Center; address, phone, contact name and email.
- B) **WIRING DIAGRAMS**  
Wiring diagrams of the apparatus shall be provided in CD format at the time of delivery. They shall be accompanied by a chart illustrating the individual wire color, number code and function.
- C) **PAINT AND LETTERING**  
Paint and lettering will duplicate E-9 at West Sebring Volunteer Fire Department. Bidder shall supply 73 Gold Leaf lettering and 44 red reflective lettering as presently used on E-9. Rear of body shall have Chevron striping in reflective Scene Diamonds.

## **SECTION V: PERFORMANCE TESTS, INSPECTIONS & CERTIFICATIONS**

Bidders shall state test that will be conducted for the apparatus and acceptance.

### **A) PUMP TEST AND CERTIFICATION**

The pump shall be third party tested at the apparatus manufacturer's facility and shall conform to NFPA requirements and standards.

### **B) FACTORY INSPECTION TRIPS**

Included in the Bid shall be two (2) trips to manufacturer's plant of apparatus construction for up to four (4) representatives of the West Sebring Volunteer Fire Department. The trips shall be a pre-construction conference and "Final Inspection" of the Pumper prior to delivery. Included shall be travel expenses from Sebring, FL, to manufacturers plant with ground transportation, lodging, meals and costs related with the trips.

### **C) CERTIFICATION**

The manufacturer shall provide at time of delivery of the apparatus a certification that all materials used for exterior surfaces designated as stepping, standing and walking areas, all interior steps and all interior floors meet the slip resistance requirements of the 2003 edition of NFPA 1901.

## **SECTION VI: EXCEPTION TO SPECIFICATIONS**

The following requirements shall be strictly adhered to:

- A) Exceptions will be allowed if they are equal to or superior to that specified and provided they are listed and fully documented and explained on a separate page entitled 'EXCEPTIONS TO SPECIFICATIONS'. The exception list shall refer to specification Section Number and Subsection/Paragraph.
- B) All exceptions or deviations must be approved in writing by the Bid Work Group.
- C) Apparatus shall be inspected at factory for compliance with specifications. Deviations shall not be allowed and shall be cause for rejection of apparatus unless they were originally listed in bidder's submittal.

## **SECTION VII: APPROVAL OF DRAWINGS**

Two (2) sets of engineering blueprints, specifically for this apparatus, shall be provided by the manufacturer and be approved by the fire department before construction begins. Both the fire department and the manufacturer's representative shall have a copy of these drawings. It shall become part of the total award. These drawings shall be drawn to scale on a CAD system to assure and accurate and professional drawing. The drawing shall show five (5) views of the vehicle (front, rear, both sides and top). The blueprints shall show the overall dimensions of the apparatus, proposed compartment sizes and features, booster tank position and the location of all emergency warning and work lights that are to be provided on the apparatus.

## **SECTION VIII: DELIVERY**

Successful bidder shall specify how the apparatus shall be delivered from the factory to the Highlands County Purchasing Department, 4320 George Blvd., Sebring, FL 33875-5803.

An experienced and qualified dealer representative shall familiarize Fire Department personnel (as designated by the authority in charge) in the proper operation, care and maintenance of the apparatus delivered.

Two (2) hard copy sets of Manuals and two (2) CD manuals are required with delivery.

A factory field service technician shall provide instruction to the Fire Department. The familiarization period shall consist of three (3) sessions over a period of three (3) days with a minimum of 8 hours per day, 24 hours of training. This is separate from the training indicated in Section X; 11, CAFS instruction.

## **SECTION IX: COUNTY REPRESENTATIVES AND DESIGNATED CONTACTS:**

For information regarding the content of this ITB, contact:

Note: Purchasing is to be copied by vendor for all information requested.

Highlands County BCC  
General Services / Purchasing Department  
Director, Gerald (Jed) Secory  
4320 George Blvd  
Sebring, FL 33875-5803  
Tel: 863-402-6523; Fax: 863-402-6735  
E-Mail: [gsecory@hcbcc.org](mailto:gsecory@hcbcc.org)

Highlands County BCC  
General Services / Purchasing Department  
Danielle K. Gilbert, Assistant Director  
4320 George Boulevard, Sebring, FL 33875-5803  
Phone (863) 402-6524, Fax (863) 402-6735  
Email: [dgilbert@hcbcc.org](mailto:dgilbert@hcbcc.org)

Highlands County BCC  
Emergency Operations  
Director, Tim Eures  
6850 West George Blvd  
Sebring, FL 33875  
Tel: 863-385-1112; Fax: 863-402-7404  
E-Mail: [teures@hceoc.org](mailto:teures@hceoc.org)

**SECTION X:****FIRE ENGINE SPECIFICATIONS**

1	AIR ADDITIONAL RESERVOIR	For air horns and air outlet on drivers pump panel. - Bidder specify.
2	AIR CLEANER	Bidder Specify.
3	AIR INTAKE MOISTURE & EMBER SEPARATOR	A moisture and ember separator shall be installed that meets NFPA #1901 requirements.
4	AIR COMPRESSOR	A 16.0 CFM air compressor shall be furnished. - Bidder Specify.
5	AIR CONDITIONING UNIT	Bidder Specify.
6	AIR DRYER	An air dryer shall be installed in the air brake system. Bidder specify type & specifications.
7	AIR HORN BUTTON	A momentary push button shall be provided on the pump panel to activate the air horn(s).
8	AIR HORN WITH SWITCH	Two (2) Grover 1510 chrome air horns shall be furnished and installed recessed in the front bumper. Bidder to specify location. Two (2) switches shall be installed in the cab – location to be determined.
9	AIR PIPING	Bidder Specify.
10	AIR RESTRICTION INDICATOR	A mechanical engine air filter restriction indicator shall be provided and installed in the cab in a location that can easily be viewed by the driver.
11	AIR SYSTEM WATEROUS "ECLPISE" COMPRESSED	A Waterous "Eclipse" (CAFS) Compressed Air Foam System shall be provided and packaged with the Waterous 1500 GPM pump. NO EXCEPTIONS Bidder shall provide complete specifications, Operation Instructions: Up to three (3) days of CAFS operation and maintenance instructions shall be provided. The instructions shall take place at the user's facility with a minimum time from of 8 hours per day. The following discharges shall be provided with the required piping, controls, etc., for the compressed air foam system: Preconnects 1 – 6
12	AKRON ELECTRIC ACTUATED VALVE	One (1) Akron 3" (three inch) electric valve shall be provided for the deck gun discharge.
13	ALTERNATOR	A minimum 320 amp Alternator shall be provided. Bidder Specify.
14	ALUMINUM SLATS	The hosewells and hosebed shall include drain holes and aluminum slats for aeration of the hose.
15	ALUMINUM 6-PERSON FULL TILT CAB	Bidder specify.
16	ANTI-LOCK BRAKES	Bidder Specify.
17	ARROW STICK	A Whelen TAM85 arrow stick shall be mounted under the rear hosebed above the rear compartment. Ends to be red.
18	AUDIBLE WARNING DEVICES	Dual automotive electric horns controlled by the steering wheel horn button shall be provided.
19	AUDIBLE WARNING DEVICES BACK-UP ALARM	There shall be an electronic alarm that sounds when the truck is placed in reverse. Minimum of 97 DBA audible intermittent "beep" shall be produced to warn persons near or on the truck.

20	AUDIBLE WARNING DEVICES MECHANICAL SIREN	A Federal Model Q2B siren with chrome plated housing shall be mounted on the left side of the front bumper. Two (2) switches shall be mounted in the cab in the same location of the current Engine 9 (Drivers side: Floor, Passenger side: engine housing). There shall be an electric brake control installed in the cab, at the driver's switch panel, properly labeled. The siren shall be wired through the Emergency Light Master Switch.
21	AUDIBLE WARNING DEVICES SIREN SPEAKERS	Two (2) Whelen weather proof 100 watt speakers shall be provided and recess mounted in the center of the front bumper. Opening in the bumper for the speaker shall be covered with a polished stainless steel grille.
22	AUTOMATIC DOOR SWITCHES	Automatic door switches shall be provided for the cab dome lights.
23	AUTO EJECTION PLUG	A Kussmaul Auto Eject power input connector shall be provided for the battery charger. Input connector shall be provided with a spring loaded cover to prevent water from entering when the shore line is not connected. A label shall be permanently affixed at the power inlet that indicated the line voltage in volts and the current rating in amps. It shall be located near the driver's door with air inlet – Bidder to specify locations.
24	AUXILIARY AIR SUPPLY	There shall be an auxiliary air inlet installed to maintain truck air pressure while engine is not running. The inlet shall be a Kussmaul Auto Eject with weather proof adapter with a chrome cover.
25	AUXILIARY CYLINDER FOR POWER STEERING	An auxiliary power assist cylinder shall be provided in the power steering system.
26	BATTERIES	Bidder Specify
27	BATTERY BOXES	Bidder Specify.
28	BATTERY CONDITION PLUG-IN	There shall also be a battery condition plug-in with auto eject. Both shall be located near the driver's door. Bidder specifies location.
29	BATTERY MATS	The batteries shall be installed on a non-corrosive mat.
30	BREAKER BOX	A twelve (12) place Square D brand, or approved equal, gray colored breaker box shall be provided and installed in the left side pump operator's compartment – front wall. The breaker box to be as small as possible.
31	BUSS BAR	One (1) buss bar shall be provided in the radio compartment to provide a 12 volt feed and to facilitate the installation of the department's radio.
32	BUMPER	A heavy duty highly polished stainless steel bumper shall be mounted to the front of the chassis.
33	BUMPER 26" EXTENSION	A 26" bumper extension shall be provided to house the following: Officer side to have one (1) electric rewind Hydraulic reel with 100' of TNT high pressure hose with TNT Nexus couplings and mounting for one TNT rescue tool. Drivers side to have 100' "trash line"
34	CAB DOOR PANELS	The lower inner portion of each door shall be covered with high polished aluminum diamond plate to serve as a door kick plate.
35	CAB DASH & INSTRUMENTS	Bidder Specify

36	CAB HANDRAILS & GRAB HANDLES	<p>Handrails to be 1-1/4" diameter extruded aluminum with a bright anodized finish. Handrails and handles shall be installed as follows:</p> <p>One (1) 18" handrail shall be installed just to the rear of each cab door. Stanchions shall be offset to the rear to provide hand clearance (and prevent injury) when opening or closing cab doors.</p> <p>One (1) chrome grab handle shall be provided on the inside of each cab door.</p> <p>One (1) 8" rubber covered grab handle shall be provided on the right hand side of the cab dash to assist in entry to the cab.</p> <p>One (1) 8" rubber covered grab handle shall be provided on driver's side front window side area.</p>
37	CAMERA SYSTEM REAR VISION	<p>A Safety Vision SV-CLCD-64 camera kit shall be installed on the rear of the apparatus. One (1) SV-LCD 68 6.8" LCD monitor will be mounted on the driver's console.</p>
38	COLOR CODED BRAKE FITTINGS	<p>Color coded DOT brake line fittings shall be provided in order to identify Air Lines.</p>
39	COMPARTMENT SIZES	<p>All Compartments shall be full depth and full height. NO EXCEPTIONS</p>
40	COMPARTMENT LEFT SIDE	<p>One (1) compartment under the cat walk for the pump operator.</p> <p>One (1) compartment full size ahead of rear wheels, left side. The compartment will have TWO (2) adjustable shelves and one (1) roll out tray on the bottom.</p> <p>One (1) compartment behind rear wheels, left side. The rear portion of the compartment shall be customized to mount four (4) Res-Q-Jacks and a roll-out type container for sta-dry. There shall also be Three (3) custom adjustable shelves on top half of compartment.</p> <p>One (1) compartment above wheel well, on the left side of vehicle. There shall be one (1) adjustable shelf.</p>
41	COMPARTMENT RIGHT SIDE	<p>One (1) compartment under the cat-walk for the pump operator.</p> <p>One (1) compartment ahead of rear wheels, right side. The compartment shall have two (2) full height, full depth roll out tool boards. To the left of the tool boards shall be three (3) adjustable shelves.</p> <p>One (1) compartment behind the rear wheels, right side. The compartment shall have three (3) adjustable shelves and one (1) roll out bottom tray.</p> <p>One (1) compartment above wheel well, on the right side shall have (2) adjustable shelves.</p>
42	COMPARTMENT REAR	<p>One (1) full height, full width, compartment shall be provided at the rear tailboard with one (1) roll out shelf to hold the TNT pump and mounting for one (1) TNT spreader and one (1) TNT cutter tools. And one (1) electric rewind reel with 100' TNT high pressure with TNT Nexus coupling.</p> <p>Six (6) cast folding steps, with a minimum of 42 sq. in. serrated nonskid surface, shall be provided at the rear of the apparatus for access to the hosebed.</p> <p>Three (3) mounted on the left side and three (3) mounted on the right side.</p>

43	COMPARTMENT BELLY PAN	Two (2) belly pan compartments – one (1) each side shall be mounted under and in front of the rear wheels, right side pan modified as needed to account for exhaust.
44	COMPARTMENT BULKHEADS	False bulkheads shall be provided over the light on the inside rear wall of the rear side compartments to protect the stop, tail, turn lights and warning lights and wiring from damage. Panels shall be removable.
45	COMPARTMENT LOUVERS INTERIOR	All compartments shall be furnished with wall louvers to allow adequate ventilation of the compartments.
46	COMPARTMENT MIC	A mic and speaker compartment shall be installed on the pump operator compartment and shall be weather proof.
47	COMPARTMENT DOORS AIR BOTTLE	The aluminum air bottle compartment doors shall be aluminum and have a high polished finish.
48	COMPARTMENT AIR BOTTLE	Storage for spare air bottles shall be installed in the fender wells, minimum of six (6).
49	CORD REEL	One (1) cord reel with electric rewind, shall be provided in the B1 (back) compartment mounted as high as possible on right side of compartment.
50	CORD REEL CABLE	One (1) 200 foot length of 10/3 type SO electric cable shall be provided and installed on the cord reel. The Dealer shall provide a Nema L5-20 female plug on the end of cord reel.
51	DRAIN “MASTER” – FIRE PUMP	A master drain valve shall be provided and installed.
52	DRAINS	A Class One .75” quarter turn ball drain or bleed off valve shall be provided for each gated hydrant inlet or discharge outlet.
53	DRIVE LINE	Bidder specify.
54	ELECTRIC WIRING	Electrical system wiring shall be of multiplex or point to point type, which allows for quick detection of potential issues.
55	ENGINE	Cummins Diesel ISL, 425HP with five year 100,000 mile warranty.
56	ENGINE BRAKE	A Jacobs engine brake shall be installed with controls within easy reach of the driver. Brake shall automatically be actuated when the accelerator pedal is released. The engine brake shall be wired in conjunction with the rear brake lights so that they are activated when the engine brake is engaged. It shall have a 3 position switch – LOW – MEDIUM –HIGH along with an OFF & ON switch.
57	ENGINE FUEL COOLER	Bidder Specify
58	ENGINE & CHARGED AIR COOLING SYSTEMS	Bidder Specify.
59	ENGINE GAUGES	Engine gauges – a Class 1 “ENFOIV-Series IV” shall be provided. Bidder specify location on pump panel. A 2” weatherproof fuel gauge shall be mounted on the pump panel indicating the amount of fuel in tank. The gauge shall have a light for easy reading by operator.
60	ENGINE HOOD	Bidder Specify.
61	EXHAUST	Bidder Specify.
62	FAN CLUTCH	Bidder Specify.

63	FLOODLIGHTS	Four (4) Whelen Pioneer Plus dual Super LED Lights Model No. PFP2 shall be installed One (1) each side of the pump panel with extendable poles and one (1) each side on the rear of the body compartments at the top.
64	FLOODLIGHTS	Two (2) Whelen Pioneer Plus dual Super LED Lights Model No. PFP2 shall be installed on the apparatus, located on the front of the cab, above the windshield one each side and shall be turned on from inside cab without use of generator
65	FLOODLIGHTS	A Night-scan Brand: A Will-Burt Nightscan Series, model number NS4.5-3600M220 shall be provided. The horizontal surface mounted tower shall be raised electrically and pneumatically. (15ft. mast Tower to be mounted directly behind the dunnage area left front of hose bed, modifying hose bed cover as necessary.
66	FOAM TANK POWER REFILL	The foam tank will be off-vehicle filled thru the use of Foam-Pro's power fill. The unit will be a truck mounted 12 volt system. Bidder to provide complete specifications.
67	FOAM TANK	A fifty (50) gallon foam tank shall be incorporated into the water tank for utilizing different types of foams. These 50 gallons shall be in addition to the amount of water specified.
68	FOAM TANK LEVEL GAUGE	An M.C. Products Foam Level Gauge, LED type, having four (4) lights and shall indicate the foam level at each graduation. The foam level gauge shall be located on the pump panel and placed in a well lighted position for night apparatus operation.
69	FRONT AXLE	Bidder Specify.
70	FRONT AXLE OIL SEALS	Bidder Specify.
71	FRONT FENDERS	Bidder Specify.
72	FRONT & REAR MUD FLAPS	Bidder Specify.
73	FRONT TOW EYES	Two (2) chrome plated "cut plate" type tow eyes shall be furnished. They shall be installed through the bottom of the aluminum treadplate "gravel" pan, directly behind bumper, and securely attached (bolted) to the bumper extension frame. The eyes shall be fabricated of 1" thick steel plate with a 3" diameter opening.
74	FUEL LINE SHUTOFF VALVE	A fuel line shutoff valve shall be provided near the primary fuel filter to prevent fuel from draining back while changing fuel filters.
75	FUEL SYSTEM	Bidder Specify.
76	GROUND LADDERS	The following ground ladders shall be provided: One (1) 10' Aluminum folding ladder One (1) 14' Aluminum roof ladder One (1) 24' 2-section aluminum extension ladder. Bidder to specify brand.
77	HANDRAILS BODY	Handrails to be 1-1/4" diameter and chrome plated. One (1) handrail shall be provided and installed on each rear beavertail or body side in a convenient location for assistance in climbing onto and off the rear step and hosebed.
78	HEADLINER	Bidder Specify.
79	HEATER & DEFROSTER	Bidder Specify.
80	HINGED ALUMINUM COVER	The hosebed shall be provided with a hinged aluminum cover. A gas cylinder type hold open and close device shall be installed.

81	HOSE BODY	Hose body shall be a minimum of 72" wide. The bottom of all hose compartments shall be provided with removable aluminum grating to provide ventilation. The front exterior wall of the hosebed shall be covered with aluminum treadplate to prevent scuffing of the painted surface.
82	HOSEBED PARTITIONS	Four (4) hosebed dividers shall be furnished to separate individual hose loads. Dividers shall be fully adjustable. Basic partition shall be one piece design with an integral rolled 1" diameter, 360 degrees, machine formed reinforcement at the top and at each end. Forward and rear upper corners shall form a 45 degree angle to eliminate sharp ends. Hosebed capacity shall be as follows: 200 Ft of 2-1/2" / 400 Ft of 1-3/4" / 600 Ft of 3" / 600 Ft of 3" / remained shall be left open for equipment storage.
83	HOSE BED COVER	A 1/8" THICK ALUMINUM TREADPLATE HOSE BED COVER SHALL BE PROVIDED. It shall fully cover the entire top of the hose bed. The cover shall be of the two (2) door type with continuous piano type hinges bolted to each hose bed side panel. Hinges shall be bolted to the covers. Edges of each cover shall be flanged down 1-3/8" and each corner shall be welded. Each cover shall be reinforced with hat sections that have been welded to the underside of the cover for increased strength. NOTE: One (1) hose bed divider shall be centered in the hose bed to support the aluminum treadplate cover.
84	HOSE LINES PRECONNECTED	<p>Two (2) 1-1/2" discharges for speed lays shall be installed under the operator's panel. Each speed lay shall be designed to hold up to 200' of 1- 3/4" hose and nozzle with handle. (Preconnect 1 &amp;2)</p> <p>One (1) 1-1/2 discharge shall be located in extended front bumper in a hose well large enough to contain 100' 1-3/4" hose and nozzle. (Preconnect 3)</p> <p>One (1) 2-1/2 discharge with removable adapter for 1 1/2 shall be located in the front of the apparatus hose bed with divider large enough to hold up to 400' of 1-3/4 hose and nozzle. (Preconnect 4)</p> <p>One (1) 2/1/2 discharge shall be located in the front of the apparatus hosebed with divider large enough to hold up to 200' of 2-1/2 hose and nozzle. (Preconnect 5)</p> <p>One (1) 1-1/2 discharge will be located as low as possible on the right side of the operators panel to supply the 200' of 1" hose on the right running board. (Preconnect 6)</p> <p>All preconnected hose lines and discharges shall be controlled at the operator's panel.</p>
85	HYDRAULIC GENERATOR 15.0 KW	A 15.0 KW PTO driven hydraulically powered generator system shall be provided and installed in the open bin area above the pump housing on the apparatus. The genset system shall be capable of producing the normal output power of 15.0 KW, 120/240V, 60 Hz. The genset shall be installed per the manufacturer recommendations and shall be capable of supplying full power during all engine speeds or operation modes. The genset shall be capable of being switched on or off at any time, with or without electrical loads applied. The genset field and armature windings shall be of copper magnet wire, coated with a class 200 kVA and recover to 90% of rated voltage within 1/2 second. The genset shall be capable of continuous operation in 120 degree F ambient conditions. A PTO adapter shall be used. The gear ratio of the PTO shall be selected to provide required genset pump speeds with respect to engine speeds. The hydraulic pump shall be directly mounted to the PTO using the standard SAE flange. The hydraulic system reservoir shall be mounted at least 2" above the pump and shall have access for fluid filling, draining and viewing the sight glass fluid level indicator. Clearance of at least 10" above the reservoir shall be provided for hydraulic fluid filter service. The system reservoir shall be labeled with the type and approximate amount of fluid required.

86	HYDRANT INLETS 2-1/2"	Two (2) 2-1/2" gated hydrant inlets shall be furnished, one on the right side of the engine and one on the left side of the engine.
87	HEADSETS	A FireCom head set system shall be installed in all riding positions. The Drivers headset shall be wireless.
88	INNER DOOR PANELS	The cab upper inside door panels shall be removable and shall be constructed of high polished diamond plated aluminum.
89	INTAKE PRESSURE RELIEF VALVE	A 2-1/2" intake relief valve shall be permanently installed on the pump intake manifold. It shall have minimum pressure adjustment of 75 to 250 PSIG.
90	LADDER STORAGE RACK	A single hinge hydraulic ladder storage rack shall be installed on the right side of the apparatus. It shall hold all ladders and pike poles.
91	LED ICC/MARKER LIGHTS	LED type ICC/marker lights will be provided to meet DOT requirements. Nine (9) red LED marker and clearance lights shall be installed at the rear of the body, three in the center of the rear step in the vertical flange, and two lights shall be placed at each body corner with one light facing the rear and one the side. Two shall be mounted near the top of the outside corners of the body facing rear.
92	LIGHTS COMPARTMENT	All compartments shall have LED lighting strips installed. Bidder specify type.
93	LIGHTS DOOR	On all exterior cab doors there shall be Whelen M4 red/red LED light mounted on the inside of the door that will flash while the door is open. Bidder specify type & location.
94	LIGHTS HEADLIGHTS	Front headlights are to be halogen rectangular quad type with chrome plated trim rings and bezel. Bidder Specify.
95	LIGHTS/ HEADLIGHTS ALTERNATING FLASHING	The chassis high beam headlights shall flash alternately when emergency lights are utilized and will be controlled by a switch on the driver's panel.
96	LIGHTS / STOP, TURN & BACK-UP LIGHTS	Stop/Tail, turn Led and backup lights halogen shall be Whelen 600 series –CAST 3
97	LIGHTS/ SIDE DIRECTIONAL	Side directional lights (LED) shall be provided in addition to the front turn signals. One (1) light shall be mounted on each side of the cab cowl.
98	LIGHTS/ GROUND	Ground lights (LED) shall be installed around vehicle. Bidder Specify location & type.
99	LIGHTS/ CAB DOME INTERIOR	All interior lighting shall be LED. Bidder specify type and locations.
100	LIGHT LICENSE PLATE	Chrome plated license plate light and bracket shall be installed on the rear of the vehicle with LED lighting.
101	LIGHT/ MAP	A cab map light with flexible neck and integral switch will be provided on the dash of the officer's side of the cab. The lamp shall be a clear LED. Bidder specify type.
102	LIGHT HAZARD WARNING	A red flashing (LED) hazard light shall be installed on the ceiling in the forward section of the cab. The warning light shall turn on when the parking brake is disengaged to alert the driver that there is a open compartment/cab door, untested power ground ladder rack, etc., i.e. when the parking brake control is released the light shall activate only if any of the above noted conditions exists.

103	LIGHTS WARNING	<p>Sixteen (16) warning lights shall be Whelen M6 series split red/red. Mounting shall be: Two (2) on raised portion of the extended front bumper on the cover for the rescue tool and 100' trash line facing forward.</p> <p>Four (4) two mounted each side over the headlights to alternate flashing.</p> <p>Two (2) mounted on curb side of extended front bumper – One (1) each side.</p> <p>Two (2) mounted on the side panel above the front wheels – One (1) each side.</p> <p>Two (2) mounted over the rear fender well – One (1) each side.</p> <p>Two (2) mounted on the rear body side near the beavertails facing to the side of the engine.</p> <p>Two (2) mounted on the rear of the body near the upper portion.</p> <p>Four (4) M9's red/amber on rear above tail lights.</p>
104	LIGHT ROTOR-RAY	A Rotor-Ray LED light shall be provided and installed in the center of the grill of the cab. Bidder specify type of mounting and exact location.
105	LIGHTS	Exterior cab lighting shall meet or exceed Federal Department of Transportation, Federal Motor Vehicle Safety Standards and any National Fire Protection Association requirements in effect at time of proposal.
106	LIGHTBAR	Main light bar shall be Whelen Edge Ultra Freedom Super led 72" – 16 Super LED modules.
107	LIGHTBARS MINI	<p>Two (2) Whelen Edge Ultra Freedom Super-LED Mini Lightbars shall be mounted on each side of the cab roof. Bidder show location on prints.</p> <p>Two (2) Whelen Edge Ultra Freedom Super LED Micro lightbars shall be mounted top of the rear body.</p>
108	LOAD MANAGER	<p>A "Load Manager" shall be provided which shall automatically sequence the electrical loads on and off to eliminate power surges. Bidder specify &amp; location.</p> <p>All connecting hydraulic hoses and fittings shall be of the size and pressure rating specified by the manufacturer. The hoses shall be adequately protected from chafing or abrasion during operation.</p> <p>A display meter consisting of 4 numeric LED displays shall be used. The meter shall simultaneously display system voltage, frequency and amperage in each of the two 120V legs. The meter shall also have provisions for toggling to total hours run and oil temp via a mode switch. The display shall be mounted in an area clear for operation. Bidder specify location. "HOT SHIFT" PTO A "hot shift" PTO shall be provided. The "hot shift" shall allow the hydraulic generator to be shifted into use on turned off while the apparatus is in motion or in a pumping mode.</p>
109	LOWER REMOVABLE PANELS	The lower removable headlight panels in the cab front shall be highly polished stainless steel.
110	LOW VOLTAGE WARNING LIGHT & ALARM	Bidder Specify.

111	LUBRICATION PLATE	A permanent plate shall be installed on the interior of the right side cab access door – near the top, which shall specify the quantity and type of lubrication fluids used in the following chassis or apparatus components: engine, chassis transmission, pump transmission, pump primer and rear axle differential. Engine coolant type and quantity shall also be stated.
112	MAP BOX	A map box shall be provided between the driver and officer. It shall be installed on top of the engine or air tunnel.
113	MARKER LIGHTS	Four (4) additional amber LED marker lights shall be provided, one (1) each side of the front bumper extension and one (1) each side at the operator’s stand running boards.
114	OVERHEAT PROTECTION MANAGER (OPM)	A Waterous Overheat Protection Manager shall be installed.
115	POWER MIRRORS	Two Lang Mekra 300 series chrome plated arrow style main and convex mirrors shall be installed – One (1) each side of vehicle.
116	POWER DOOR WINDOWS	A retractable, power assisted, window with automotive type tempered safety glass shall be provided in all four (4) cab doors. Bidder Specify.
117	PRESSURE GOVERNOR (FIRE COMMAND)	A pressure transducer will be provided in the water discharge manifold of the pump. The transducer continuously monitors pump pressure sending a signal to the (ECM) Electronic Control Module, which modulated fueling in order to maintain a set \ pump pressure, regardless of pump flow rate or engine speed (within engine operating capabilities). The Pressure Sensor Governor can be used in two (2) modes of operation. In the RPM mode and in the Pressure Mode. A preset is also available which allows a predetermined pressure or RPM to be set. A pump Cavitation Protection feature will also be provided.
118	PRIMING VALVE	Priming valve shall be operated by a push button control on the pump panel.
119	PRIMING DEVICE	Priming pump shall be a Waterous Model VPO electrically driven, positive displacement, rotary vane type.
120	PUMP DISCHARGES	The pump shall be equipped with ball valve gated discharges listed below, to flow the rated pump capacity as specified in NFPA 1901. Side discharge valves shall be full flow ¼ turn type. All 2-1/2” outlets are to be controlled from the pump panel and shall be lockable in any position. All discharges shall terminate with NST threads. All inlets and outlets shall include chrome plated NST caps, rocker lug with chains.
121	PUMP LEFT SIDE DISCHARGES 2-1/2”	Two (2) 2-1/2” discharges shall be located on the left side panel. A chrome plated 45 degree elbow adaptor with chrome cap and chain shall also be installed on each discharge.
122	PUMP RIGHT SIDE DISCHARGE3”	One (1) 3” discharge shall be located on the right side panel. Chrome plated 2 ½” 45 degree elbow adaptor with chrome cap and shall also be installed.
123	PUMP RIGHT SIDE DISCHARGE2-1/2”	One (1) 2-1/2” discharge shall be located on the right side panel. A chrome plated 45 degree elbow adaptor with chrome cap and chain shall also be installed on each discharge.
124	PUMP PANEL TOP MOUNTED	The dealer to provide drawings and specifications of the pump panel. All lighting shall be LED.

125	PUMP SHIFT	An air operated shift system shall be provided that allows the shift arm position to be changed by means of an in-cab mounted switch. It shall engage either the pump drive gear or the truck drive shaft gear. A three- position electric over air toggle switch shall be provided.
126	PUMP WATEROUS	Pump shall be a Waterous CSU single stage 1500 GPM midship mounted centrifugal type pump. Bidder to supply complete specifications with bid.
127	RACOR FUEL SEPARATOR W/ALARM	A Racor B32000 series spin-on diesel fuel water separator with water sensor alarm shall be provided in place in addition to of the standard engine fuel filter.
128	RADIO ANTENNA	One (1) radio antenna(s) supplied by the fire department shall be mounted on the cab roof with wiring run to the radio box.
129	RADIO COMPARTMENT	A weatherproof compartment suitable for mounting fire department's radio shall be provided beneath the officer's seat. Bidder to specify.
130	REAR AXLE	Bidder Specify.
131	REAR STEP	The rear step shall be a minimum of 18" deep.
132	REAR TOW LOOPS	Two (2) tow loops shall be supplied and securely attached to the rear outside of the frame rails.
133	RESTRAINING STRAP	A black polypropylene Velcro retaining strap shall be provided for both hosewells. It shall be permanently attached on the outboard side, with a footman's loop on the inboard side, so the strap can feed through the inboard loop and come back on itself for easy tightening of the hose load.
134	RHEOSTAT	A rheostat shall be provided to control the hooded lights over the switch panel independent of the panel gauge lights.
135	RUNNING BOARD WITH HOSEWELL LEFT SIDE	The left side running board shall have one (1) hosewell recess mounted to accommodate one 20' section of 5" soft sleeve with couplings. Aluminum slats shall be provided in the well.
136	RUNNING BOARD WITH HOSEWELL RIGHT SIDE	The right side running board shall have one (1) hosewell recess mounted to accommodate 200' single jacket 1" rubber hose and nozzle. Aluminum slats shall be provided in the well.
137	SCBA BOTTLE BRACKET	The officer and crew seats will come equipped with an H.O. Bostrom SecureAll SCBA Locking System.
138	SEAT BELTS	Red
139	SEATS CREW	The crew cab area will have four (4) Bostrom Firefighter seats. The seating arrangement will be: two (2) rear facing Bostrom Tanker 450 ABTS SCBA seats and two (2) forward facing Bostrom 400CT ABTS SCBA flip up seats. NO EXCEPTIONS
140	SEAT DRIVER'S	The driver's seat will be an H.O. Bostrom 8-way power electric seat – NO EXCEPTIONS
141	SEAT OFFICER'S	The officer's seat will be a Bostrom Firefighter Tanker 450 SCBA air ride seat. NO EXCEPTIONS
142	SIGNALS FRONT DIRECTIONAL	There shall be one (1) Whelen Model 600 Series LED amber arrow directional signal light with flange installed on each side of the cab front face. Bidder Specify.
143	SILICONE HOSES	All hoses in the cooling system shall be silicone type. Bidder Specify.
144	STAINLESS STEEL FUEL FILL DOOR	The stainless steel fuel fill door shall have a highly polished finished.

145	STARTER BUTTON	Bidder Specify
146	STEERING	Bidder specify
147	SUN VISORS	Sun visors shall be padded type
148	SUSPENSION	The apparatus shall have straight axle front suspension.
149	SWITCHES ADDITIONAL	Three (3) additional switches shall be provided to allow driver to operate all power cab door windows.
150	SWITCHES INDIVIDUAL REMOTE	Individual remote mounted floodlight switches shall be provided and mounted on the cab dash. The switches shall control 'FRONT', 'LEFT', 'RIGHT', and 'REAR'.
151	TANK TO PUMP LINE	A 3" tank to pump valve shall be installed.
152	TANK FILL	There shall be a 2" pump to tank fill line installed.
153	TANK LEVEL GAUGE	A tank level gauge utilizing Whelen TIR6 LED lights with chrome bezels shall be provided and installed one (1) each side of the cab at the top. These shall be in addition to the standard tank level gauge on the pump panel. These tank level gauges shall be wired to activate when the "Maxi" brake is applied.
154	TILT STEERING WHEEL TELESCOPING	The upper steering column is to be of the tilt and telescopic type, Bidder Specify.
155	TIRES FRONT	Michelin - Bidder Specify.
156	TIRES REAR	Michelin - Bidder Specify.
157	TRANSMISSION	Generation IV Allison EVS3000 six (6) speed automatic transmission.
158	TURN/MARKER LIGHTS	One (1) trucklite amber turn/marker LED light shall be provided and installed on each side of the vehicle near the center or midship point.
159	UPHOLSTERY	Gray
160	VEHICLE DIMENSION SIGN	A sign shall be provided in the front cab area indicating the height of the completed apparatus in feet and inches, length of the completed apparatus in feet and inches, and the gross vehicle weight rating (GVWR) in pounds.
161	WATER TANK	Booster Tank - The Tank shall have a capacity of 1000 U.S. Gallons and be a Rectangle type tank complete with a Lifetime warranty. Bidder shall provide full specifications to include make model, etc.
162	WEATHER RADIO	One (1) Pioneer brand AM/FM/CD stereo radio with (4) speakers shall be provided and installed. The radio shall have instant weather alerts with four (4) speakers located two (2) in the front of the cab and two (2) in the rear cab area.
163	WHEELS	Six (6) wheels shall be Alcoa polished aluminum disc type and hub piloted. Chrome plated nut covers shall be furnished.
164	WHEEL CHOCKS ZICO FOLDING ALUMINUM	Two (2) aluminum wheel chocks with holders shall be furnished and installed.
165	WHEEL REAL S/S HUB CAPS	"Real Wheel" stainless steel hub caps shall be provided by the Dealer and installed on each axle. The front axle shall have model RW6450 "Baby Moon" type, while the model RW7400 "High-Hat" style shall be provided on the rear axle.
166	WINDSHIELD WIPERS & WASHER	Electric Windshield Wipers with intermittent wipe feature shall be installed – Bidder Specify.

**SECTION XI:        AWARD**

Award will be based off of the following criteria and stated scores.

1) Price (70%)

Highest price (1point) ↔ Lowest price (70 points)

2) Distance to Authorized Factory Repair Center (10%)

Farthest (1 point) ↔ Closest (10 points)

3) Guaranteed Turn Around For Repairs (10%)

Highest number of days (1 point) ↔ Lowest number of days (10 points)

4) Warranty as requested in Section IV Requirements, No. 11. (10%)

Larger amount of time for warranty ↔ Less amount of time. (10 points)

**ITB 10-036 - FIRE ENGINE FOR WEST SEBRING FIRE DISTRICT**

**SECTION XII OFFICIAL BID FORM (PAGE 1)**

**All pricing for accessories shall include mounting, installation and delivery.  
All mounting hardware (brackets) shall be chrome plated.**

ITEM #	QTY.	ACCESSORIES	PRICE
1	1	AKRON model FSY-8 8lb Sledge Hammer with 36" yellow fiberglass handle <u>Price to include mounting on apparatus</u>	
2	1	AKRON model FHY-6 6lb flathead axe with 36" yellow fiberglass handle <u>Price to include mounting on apparatus.</u>	
3	1	AKRON model PHY-6 6lb pick head axe with 36" yellow fiberglass handle <u>Price to include mounting on apparatus.</u>	
4	1	AKRON model GRIPPER ELLIPTICAL 6 foot fiberglass pike pole with D handle <u>Price to include mounting on apparatus.</u>	
5	1	AKRON model GRIPPER ELLIPTICAL 8 foot fiberglass pike pole with d handle <u>Price to include mounting on apparatus.</u>	
6	1	30 Inch Halligan tool <u>Price to include mounting on apparatus.</u>	
7	1	SUPER VAC PPV fan model 716G4-B 16" 3.5hp	
8	5	STREAM LIGHT Survivor LED Flashlights with vehicle charger mounted on apparatus. Location determined at pre-construction (Orange)	
9	4	STREAMLIGHT Vulcan flashlights with rear led lights with vehicle charger mounted on apparatus. Location to be determined at pre construction (Orange)	
10	2	2lb rubber mallets with brackets <u>Price to include mounting on apparatus.</u>	
11	1	AKRON model GRIPPER ELLIPTICAL 4ft Drywall hook with D handle <u>Price to include mounting on apparatus.</u>	
12	1	AKRON model GRIPPER ELLIPTICAL 8ft Drywall hook <u>Price to include mounting on apparatus.</u>	
13	3	AKRON model style 443 aluminum Spanner / Hydrant wrench set <u>Price to include mounting on apparatus.</u>	
14	1	HURST "Rabbit Tool" Item No: 362R266	
15	1	HURST "mini-hand pump" Item No: 355R077	

**VENDOR NAME:** \_\_\_\_\_

**ITB 10-036 - FIRE ENGINE FOR WEST SEBRING FIRE DISTRICT**

**SECTION XII OFFICIAL BID FORM (PAGE 1)**

All pricing for accessories shall include mounting, installation and delivery. All mounting hardware (brackets) shall be chrome plated.			
ITEM #	QTY.	ACCESSORIES	PRICE
16	1	FD K-tool forcible entry set. Includes K-tool, set of key tools, leather pouch, operation manual, shove knife	
17	1	AKRON Blackmax 7980, 6" NST, to be mounted on Left Steamer	
18	2	PVC, 10' Hard Suction Hose <i>Price to include mounting on apparatus.</i>	
19	1	2 gallon "safety" gas can	
20	3	1 ½" AKRON Pyro-lite ball valve shut-off w/ pistol grip, with 15/16" smoothbore tip	
21	1	1" AKRON Pyro-lite ball valve shut-off w/ pistol grip	
22	1	2 ½ AKRON Pyro-lite ball valve shut-off w/ pistol grip with 1 ¼" smooth bore tip	
23	1	1 ½" Mad Dog foam nozzle	
24	1	2 ½" Blitz Fire Monitor Package (Fog / Stack tips / Mount)	
25	1	1 ½" TASK FORCE TIPS (TFT) model HMDC-TO-CAFS Force Nozzle WITH F100FP ball valve shutoff	
26	1	FOLD-DA-TANK model FDS6 6" Floating Strainer	
27	1	6"x 4½", 20ft soft sleeve fill hose	
<b>TOTAL</b>			

**VENDOR NAME:** \_\_\_\_\_

**Highlands County has the right increase or decrease quantity of items.**

ITB 10-036

FIRE ENGINE FOR WEST SEBRING FIRE DISTRICT

SECTION XII:

OFFICIAL BID FORM PAGE 2

PRICE OF DELIVERED FIRE ENGINE \$ \_\_\_\_\_

ACCESSORY EQUIPMENT TOTAL \$ \_\_\_\_\_

TOTAL PRICE OF DELIVERY FIRE ENGINE AND ACCESSORIES \$ \_\_\_\_\_

NUMBER OF DAYS FOR DELIVERY: # \_\_\_\_\_

DISTANCE OF AUTHORIZED FACTORY REPAIR CENTER \_\_\_\_\_ MILES

NUMBER OF DAYS FOR REPAIR # \_\_\_\_\_

Vendor will accept payment by Visa Credit Card: YES NO  
CIRCLE ONE

In compliance with Florida Statue 287.087 as a Drug Free Workplace YES NO  
CIRCLE ONE

Check if this is a NO BID and return by mail or fax to 863-402-6735 on or before April 8, 2010.

Please indicate reason for NO BID:

\_\_\_\_\_

BID SUBMITTED BY:

\_\_\_\_\_  
COMPANY

\_\_\_\_\_  
DATE BID SUBMITTED

\_\_\_\_\_  
REPRESENTATIVE'S NAME

\_\_\_\_\_  
REPRESENTATIVE SIGNATURE

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY, STATE ZIP CODE

\_\_\_\_\_  
FAX#

\_\_\_\_\_  
TELEPHONE

\_\_\_\_\_  
EMAIL ADDRESS

**THIS OFFICIAL BID FORM MUST BE USED TO SUBMIT THE BID.**