

June 15, 2011

## **REQUEST FOR PROPOSALS WATER TENDER FIRE APPARATUS**

### **1. INTRODUCTION**

The North Cedar Improvement District is requesting proposals from qualified contractors of suppliers or manufacturers for the build and delivery of a single axle water tender fire apparatus on a commercial diesel powered chassis. The proposed water tender fire apparatus shall be designed to follow as closely as possible, NFPA Standard 1142, Annex C. Where used, the term contractor shall imply gender neutrality.

### **2. BACKGROUND**

The North Cedar Improvement District is a rural community located on central Vancouver Island, British Columbia, Canada. The proposed water tender fire apparatus must be suitable for service in a rural, partly serviced community with narrow roads and a population of approximately 5,200 persons.

This water tender fire apparatus will replace a 1986 1200 imperial gallon water tender fire apparatus on a commercial chassis.

### **3. SUBMISSION OF PROPOSALS**

Detailed proposals are to be clearly marked Request for Proposal and are to be delivered to the offices of the North Cedar Improvement District no later than **3:00 p.m. on Monday, July 11, 2011**.

All proposals are to be mailed or delivered to:

Administrator  
North Cedar Improvement District  
2100 Yellow Point Rd  
PO Box 210  
Cedar BC, Canada, V9X1W1

All proposals that have been received will be opened in the District office at the date and time of the deadline established above. Any proposals received after the deadline will be returned unopened to the submitting contractor. Faxed or e-mailed proposals will not be accepted.

Written questions concerning this request for proposal should be addressed to Percy Tipping, Fire Chief, North Cedar Fire Department at PO Box 210, Cedar BC, V9X1W1. Questions sent electronically should also be addressed to Chief Tipping at [percy@ncid.bc.ca](mailto:percy@ncid.bc.ca). Addendums to the request for proposal will be posted on the Improvement District web site at [www.ncid.bc.ca](http://www.ncid.bc.ca) and on BC Bid at [www.bcbid.gov.bc.ca](http://www.bcbid.gov.bc.ca)

All proposals are to be valid for at least 60-days after the established submission deadline.

The North Cedar Improvement District shall not be liable for any costs incurred in connection with preparation and submittal of any proposal. Contractors are cautioned that any response to this request for proposal shall not be considered as a "bid".

The North Cedar Improvement District will not be bound by any representations that are not set forth in this request for proposal or a written response to contractor inquiries. The contractor is responsible to make all necessary investigations and examinations of documents, operations, premises and the areas of operations affecting the performance of the proposed water tender fire apparatus. Failure to do so will not act to relieve any condition of the proposal documents. It is mutually agreed that the submission of a proposal shall be considered conclusive evidence that the contractor has made such investigations and examinations.

By submitting a proposal, the contractor agrees to abide by all of the terms and conditions established in this request for proposal unless specific **OPTIONS, ALTERNATES or EXCEPTIONS** are made in the proposal submitted.

Any reasonable inquiry to determine the responsibility of a contractor may be conducted by the Improvement District. The submission of a proposal shall constitute permission by the contractor for the Improvement District to verify all information contained therein. If the Improvement District deems necessary, additional information may be requested from a contractor. Failure to comply with such requests may disqualify a contractor from further consideration.

Contractors are prohibited from contacting any member of the North Cedar Improvement District or the North Cedar Fire Department in an attempt to influence the evaluation of a proposal or the awarding of a contract for purchase. Any such effort will disqualify the contractor from further consideration.

Each proposal is to include a detailed description and specifications of the water tender fire apparatus to be provided and other construction and performance details.

This is to include estimated weight, wheelbase, overall length and other principal dimensions, turning radius, angle of approach and departure, ground clearance, pump and tank capacities and similar details. The proposal is to include drawings to illustrate the actual design and construction of the proposed water tender fire apparatus and the total price of the fire apparatus to be delivered.

The proposals are to be submitted on 8½-inch by 11-inch white paper and bound in a secure manner. Design drawings are to be on paper of sufficient size and scale for the reviewers to be able to clearly evaluate the proposed design. Standard sales brochures and similar explanatory supplements are to be included. Two complete copies of the proposal are to be submitted.

Any options, alternate proposals or exceptions to the provisions of the request for proposal are to be clearly marked **OPTION, ALTERNATE or EXCEPTION**. Detailed descriptions of the option, alternate or exceptions to the provisions of the request for proposal are to be provided by the contractor. The North Cedar Improvement District will consider options, alternate proposals or exceptions if it is determined to be in the Improvement Districts best interests. All proposals are to be signed by an individual authorized to represent the supplier or manufacturer using the attached *Request for Proposal* form.

Pricing for the proposed water tender fire apparatus shall be made in Canadian dollars.

#### **4. EVALUATION OF PROPOSALS**

The North Cedar Improvement District will use a committee, including firefighters, District staff and Trustees to evaluate each proposal for **quality, value, utility and price** based on the needs of the North Cedar Fire Department. The intent of the Improvement District is to purchase the best fire truck to meet the needs of the District within the funds budgeted to a maximum of **\$175,000 CAD** exclusive of applicable taxes.

Based on the recommendations of the committee, the District will enter into competitive negotiations with two or more responsive contractors in order to determine a final process, and contractors may be requested to submit revised proposals based on the results of these negotiations. At the conclusion of the evaluation process, the Fire Chief is to make a final purchase recommendation to the Board of Trustees for their approval.

The District reserves the right to reject any conditional proposal and will reject those that do not clearly indicate the design, construction and cost of the proposed water tender fire apparatus. The District reserves the right to waive any irregularities in the proposals, to accept or reject any or all proposals and to award the contract for purchase in the manner the District deems in its best interests.

## **5. PURCHASE AGREEMENT**

Final approval of all plans, contracts and purchases are at the sole discretion of the Board of Trustees. The contract for purchase shall be established by a standard purchase order for the specified water tender fire apparatus and/or equipment.

## **6. PAYMENT AND DELIVERY**

Each proposal is to indicate the estimated delivery date based on an order placed by July 31, 2011. The North Cedar Improvement District desires to take delivery of this fire truck as soon as possible after ordering but no later than December 30 of 2011 however proposals with a later delivery date will be considered.

This proposal is to acknowledge that if the water tender fire apparatus is not delivered after a period of 30 calendar days after the agreed contract delivery date, the District will impose a penalty of one percent of the contract price for each day's delay until delivery. This penalty is to be assessed beginning at the 31st day after the contract delivery date. This penalty is to be deducted by the District from the final purchase price of the water tender fire apparatus.

The water tender fire apparatus is to be delivered by being driven over the road from the manufacturer's plant to the District fire station. The District will not accept responsibility for the water tender fire apparatus until it is delivered to the North Cedar fire hall and accepted by the Fire Chief. Payment is to be made on acceptance by the Improvement District after a thorough inspection including the operation of all components and equipment has been completed.

A qualified and responsible representative of the selected contractor is to deliver the water tender fire apparatus and instruct the firefighters in its proper care, operation and maintenance.

## **7. GENERAL SPECIFICATIONS**

As used in this list of general specifications, the term "desires" indicates a feature or component that the District would consider if it is available on the program truck and can be provided within the funds budgeted for this purchase.

The water tender fire apparatus and all components and equipment provided are to be the manufacturer's latest model. All attachments, equipment or accessories not specifically listed in this request for proposal are to be included to conform to the best practices known within the fire apparatus industry in trade, quality, workmanship and design. The District expects this water tender fire apparatus to have a useful service life of 25-years.

Each proposal is to include the requirement for all things necessary, proper or incidental to the furnishing of the complete water tender fire apparatus. All things not expressly mentioned in this request for proposal but involved in carrying out the intent of the District to purchase a complete and satisfactory water tender fire apparatus are required by this request for proposal. The selected contractor is to perform the same as though they were specifically mentioned and described.

The contractor is to indicate the manufacturer's technical capabilities and experience in the construction of water tender fire apparatus similar to that proposed, their ability to provide repair, maintenance and warranty service and a list of other similar water tender fire apparatus delivered to other fire departments.

The contractor is to provide at the time of delivery, at least two complete sets of service, operations and maintenance manuals, including wiring diagrams. These service manuals and wiring diagrams are to describe the water tender fire apparatus as built.

## **NFPA 1901 and 1142**

The proposed water tender fire apparatus is to follow as closely as possible, all of the relevant standards established by National Fire Protection Association 1901, *Standard for Automotive Fire Apparatus*, 2003 edition, and National Fire Protection Association 1142, *Annex C Mobile*

*Water Supply Apparatus.* These are the minimum standards for safety and function, and shall be modified as indicated in this request for proposal.

### **Cab and Chassis**

The water tender fire apparatus cab and chassis shall conform to all applicable licensing regulations to allow for operation within the Province of British Columbia.

The water tender fire apparatus is to be on a diesel engine powered air brake equipped commercial truck chassis with a single rear drive axle.

The cab is to be equipped with a factory installed heater, defroster and air conditioner.

Seating is to be provided for two or three firefighters including the driver.

The water tender fire apparatus is to be powered by at least a 300 hp diesel engine with adequate power for safe vehicle operations at highway speeds.

The engine is to have a high idle feature. The district desires that the engine be equipped with a push to start ignition switch.

An automatic transmission shall be provided.

There shall be warning lights or gauges installed to monitor transmission temperature, engine oil pressure, electrical system, fuel levels and braking system air pressure.

Apparatus speedometer and gauges shall indicate readings in metric.

The district desires that a transmission retarder or other auxiliary braking device is provided.

The district desires LED tail lights, turn signals and other chassis lights wherever offered.

The district desires an automatic tire chain system for ice and snow operations, controlled from the driver's position.

In order to maintain a standard across the North Cedar Fire Department fleet, one Motorola VHF mobile two-way radio, model PM400, shall be installed in the apparatus cab.

A broadband high gain antenna with at least 2.5 db of gain shall be installed on the apparatus cab. Programming of radio frequencies shall be the responsibility of the North Cedar Fire Department.

### **Body and Colors**

The district requires 4 vented lower body storage compartments, with roll up type doors. One cabinet will contain a slide out tray to accommodate a portable pump.

LED scene and ground lighting shall be installed on the sides and rear of the apparatus.

The water tender fire apparatus shall be painted a red that best matches the current department apparatus fleet.

The reflective striping and department crest are to be installed to match the current department apparatus fleet including reflective chevron striping on the rear of the apparatus.

### **Warning Lights and Sirens**

Emergency warning lights are to be LED with adequate lighting to the front, sides, and rear of the apparatus.

An amber traffic advisor shall be installed on the rear of the apparatus.

Lighting controllers shall be installed in the cab.

Dual electric 100 watt siren speakers are to be installed in the front bumper. The controller for the siren will include wail, yelp and public address functions.

Stutter tone type air horns are required. The air horns are to be controlled by a lanyard mounted on the cab ceiling between the driver and officer's seats.

### **Fire Pump and Water Tank**

The fire pump shall be a front driver side cabinet mounted diesel engine driven pump or alternate with a minimum pumping capacity of 250 GPM. The pump should have provision for a 2 ½-inch intake and discharge, a 2 ½-inch tank fill, as well as a plumbed cabinet mounted booster reel. The District desires that the apparatus be pump and roll capable so an in cab ignition and throttle system for the pump shall be provided.

The District desires that a bumper mounted water turret with cab, remote, and local controls be provided. This shall be plumbed to the engine driven pump.

The apparatus water tank shall be poly constructed or equivalent, contain baffles, and have a low as possible center of gravity with a desired capacity of up to 1800 imperial gallons. Elliptical water tanks may be considered.

A three way Newton 10" manual dump valve with extensions, or alternative, shall be provided.

The water tank shall have a 2 ½-inch and 4-inch Storz direct tank fill.

Water tank level indicators shall be provided at the pump, on the rear of the apparatus, and in the cab.

All coupling threads shall be BCT/BAT for use in British Columbia.

2 - 2 ½-inch hard suction hoses shall be provided.

2 - 2 ½ -inch floating suctions shall be provided.

1 folding portable water tank of sufficient size to accommodate a full truck tank of water shall be provided.

A power fold down portable water tank mounting rack shall be provided.

Provisions for the mounting of a second portable water tank shall be provided.

Supply hoses, fire hose and nozzles are to be provided by the North Cedar Improvement District.

### **Factory Inspection**

The District intends to send two representatives of the Fire Department to the plant of the manufacturer for at least two inspections. The first is to inspect the water tender fire apparatus prior to final painting and outfitting and the second for a final inspection and approval prior to delivery. These inspection trips are to be at the expense of the contractor.

A representative of the contractor is to accompany the District representatives during these inspection trips at the expense of the contractor. The cooperative scheduling of these inspection trips is to be by the mutual agreement of both the District and the contractor.

### **Warranties**

The manufacturers of the chassis, pump, water tank, body, and other components are to warranty their respective components. These warranties are to be fully described in the proposal.

The selected contractor is to be the sole agent regarding the administration of all warranties, excluding tires and batteries. The intent of the District is to have the selected contractor be accountable and responsible to coordinate all warranty repairs and resolve all conflicts between the component suppliers regarding warranty matters.

Each proposal is to include a list of authorized contractors and the location of repair shops or service facilities for warranty work on all major components of the proposed water tender fire apparatus, including the chassis, engine, transmission, body, pump, and all other components covered by warranty.

### **Trade-In Option**

The North Cedar Improvement District desires to consider a trade-in allowance for the existing 1986 water tender.

**Request for Proposal  
North Cedar Improvement District  
Water Tender Fire Apparatus**

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

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

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

**Telephone:** \_\_\_\_\_

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

1. The undersigned contractor declares that he has read the request for proposal and has determined for himself the conditions of the work and the requirements of the North Cedar Improvement District in purchasing a water tender fire apparatus; and he proposes to provide at his own expense a fire truck meeting the requirements of the request for proposal.

2. Any options, alternate proposals or exceptions to the provisions of the request for proposal have been clearly marked OPTION, ALTERNATE or EXCEPTION.  
Detailed descriptions of the option, alternate or exceptions to the provisions of the request for proposals has been provided by the contractor. The North Cedar Improvement District will consider options, alternate proposals or exceptions if it is determined by the District to be in its best interests.

3. The undersigned contractor, in compliance with the request for proposal dated March 18, 2011, hereby proposes to provide one water tender fire apparatus as described in the attached proposal at the following price:

Total price in Canadian dollars for one water tender fire apparatus delivered to the North Cedar Improvement District inclusive of all costs excluding taxes, associated with the supply of a finished apparatus and equipment:

Price \_\_\_\_\_

**Signature of Contractor**

\_\_\_\_\_

**Date:** \_\_\_\_\_