



January 30, 2015

Bidder:

The City of Traverse City will receive sealed bids in the Office of the City Manager, Second floor, Governmental Center, 400 Boardman Avenue, Traverse City, Michigan, 49684, until **Thursday, February 12, 2015, at 2:00 PM** for the following:

One Valve Maintenance Trailer (Diesel), Water Main Valve Exercising Equipment
(specifications attached)

If the specifications are obtained from the City's new updated website link at: http://www.traversecitymi.gov/bids_and_rfps.asp, it is the sole responsibility of the Bidder to check the website for updates and addenda prior to the bid being submitted. Bidder may also sign up to receive notifications when bids and RFPs are posted by sending an e-mail requesting same to jdalton@traversecitymi.gov

The City of Traverse City reserves the right to accept or reject any or all bids, waive irregularities, and to accept the bids either on an entire or individual basis that is in the best interest of the City.

The City accepts no responsibility for any expense incurred by the Bidder in the preparation and presentation of a bid. Such expenses shall be borne exclusively by the Bidder.

Only the successful Bidder will be notified. If you so desire, you may call for results.

You must indicate on the outside of the sealed envelope that the bid is for the **“Water Valve Exercising Equipment.”**

You must submit **TWO (2) SEALED COPIES** of the bid to the City Manager's Office prior to the above-indicated time and date or the bid will not be accepted. Telefaxed or E-Mail bids will not be accepted.

Please note that if you have previously submitted an informal quote, you will still need to submit a sealed bid prior to the date and time specified above in order to be considered. Please ensure that all requirements listed in the specifications are met.

If you have any questions, please contact Dave Courtad, Garage Superintendent, at (231) 922-4900 ext. 111, before the bid is submitted.

PLEASE SUBMIT BID TO: Julie Dalton, Purchasing Agent
City Manager's Office, Governmental Center
Second Floor, 400 Boardman Avenue
Traverse City, MI 49684

BID SPECIFICATIONS:

One Valve Maintenance Trailer (Diesel), Water Main Valve Exercising Equipment

MINIMUM REQUIREMENTS: The attached detailed specification shall be construed as minimum. Should manufacturer's current published data or specifications exceed these, such standards shall be considered minimum and furnished. All integral parts not specifically mentioned in the scope of these specifications which are necessary to provide a complete working unit shall be furnished.

SILENCE OF SPECIFICATIONS: The apparent silence of this specification and any supplemental specification as to any details or the omission from it of a detailed description concerning any point shall be regarded as meaning that only the best commercial practices are to prevail and that only material of first quality and correct type, size, and design are to be used. All workmanship is to be first quality. All interpretations of this specification shall be made upon the basis of this statement.

COMPLIANCE: Bidder must complete and return the enclosed bid forms, including bid sheet. Enter "COMPLY" in the "BIDDER PROPOSES TO FURNISH" column if your equipment meets or exceeds the requested specification. If your equipment does not comply with the requested specification then enter "EXCEPTION" or other information which may pertain. If the item is equivalent then please indicate that fact. All exceptions must be fully explained in the "bidder proposes to furnish" column or on another sheet of paper. If nothing is written in the column then the City will assume that the bidder will precisely and exactly meet the specifications requested.

THE CITY OF TRAVERSE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL BIDS, WAIVE IRREGULARITIES, AND TO ACCEPT THE BIDS EITHER ON AN ENTIRE OR INDIVIDUAL BASIS THAT ARE IN THE BEST INTEREST OF THE CITY OF TRAVERSE CITY.

IN ANY CIRCUMSTANCE DURING OR PRIOR TO DELIVERY OF THE VEHICLE/ EQUIPMENT, WHEREUPON THE CITY OF TRAVERSE CITY (CUSTOMER) BECOMES ELIGIBLE TO RECEIVE A REBATE FOR ANY VEHICLE PURCHASED UNDER THIS BID, IT SHALL BE THE SUCCESSFUL BIDDERS RESPONSIBILITY TO INFORM DAVE COURTAID GARAGE SUPERINTENDENT, OF ITS QUALIFICATION FOR SUCH REBATE AND TO ADVISE THE PROCEDURES FOR OBTAINING SUCH REBATES. It is the intent of these specifications to describe various installed equipment, per the following specifications. There are numerous makes and models of equipment available that will meet or closely meet these criteria. If the specifications requested do not exactly coincide with your equipment you may take exception and bid your equipment. All exceptions must be noted and fully explained on a separate sheet of paper.

If you have ANY questions, or are unclear about what we may be requesting, please contact Dave Courtaid at, 231-922-4900, ext. 111. Please ask questions or request clarifications before the bid is submitted.

**Bidder Proposes
To Furnish**

Articulating arm, automated valve operator utilizing intelligent automation to control torque, direction and turns. Twin arms (one telescoping) provide 13' reach over 270 degrees of freedom while hydraulic disk brakes secure exerciser capable of 750 Ft-Lb of torque. Constructed of 3" square steel tube and powder coated for long life. Valve key shall be light weight and telescoping.

Valve exerciser to utilize a "no assumption" automated technology to safely and effectively turn valves using AWWA recommended procedures.

This technology shall utilize "hands off" the machine while exercising the valve and protect the valve by not assuming size, direction or current position. Allowing the machine to use the path of least resistance, the programming and sensors will automatically stop the rotation and reverse in half turn increments to flush calcification from valve gate. The automation should be of the design to always exercise the valve at the minimum torque required to turn, and then automatically lower the preset threshold once rotation begins so impact at the end of valve travel is soft as possible.

The controller and data collector shall be a HC-100 or approved equal. Shall be a ruggedized handheld controller with built in GPS, with a bright touch screen that is water resistant and meets military specifications. Shall have Bluetooth wireless technology and have a USB port. The built in GPS shall be a high-sensitivity GPS/GLONASS/SBAS receiver with a 2-5 meter typical accuracy. Shall have a built in 5 megapixel resolution that can geotag photos with a date, time and GPS position. The controller and data collector shall have a 3 year warranty. Shall include 12v DC vehicle charger, AC wall charger, USB sync cable, machine control cable, screen protector & come preloaded with Vitals Mobile software.

The software on the controller/collector shall be Microsoft Windows Mobile Office Suite 2010 along with Microsoft Windows Embedded Handheld 6.5.3 Data management and shall be fully compatible with either VITALS or infraMap with VITALS software packages to enable full data logging and synchronization between the hand held and desktop GIS. Allows importing of existing data labels and categories with user defined fields.

**Bidder Proposes
To Furnish**

Engine shall be a Kubota 1.1L I-3 4-stroke, liquid cooled, IDI diesel engine EPA tier 4F & EU stage IIIA emission compliant.

To be equipped with a digital tachometer, engine hour meter, volt meter, vacuum gauge, spoils and door dump switches, water/vacuum selector switch, arrow board control and service light switch.

Vacuum Pump to be clutch operated, dual belt drive, positive displacement rotary lobe (Roots Type) blower. Vacuum performance of 500 CFM @ 11 inches of Hg produces conveying velocity rating of 10,185 FPM through 3" hose.

Pressure washer pump shall be a clutch operated, dual belt drive, 2.5 GPM @ 3000 PSI pump. 3 gallon antifreeze tank with two position selector valve.

Water heater used in conjunction with Pressure washer pump stated above; be diesel fired water heater producing 197,000 BTUs of energy. Adjustable to 210 F, and will have flow and temperature limit switches to maintain safe operation.

90 gallon clean water holding tank with 8" fill neck.

Hose shall be 50' hose on spring rewind hose reel with quick disconnects to change between the included wands; one with a zero degree nozzle for digging and 45 degree, fan wash down "shorty" wand.

Hydraulic system direct coupled pump rated at 8GPM @1800 psi continuous duty. 10 gallon hydraulic reservoir with thermostatic controlled fan cooled heat exchanger. Instrumentation includes an oil level gauge, temperature gauge, pressure gauge and selector valve switching to a HTMA class II auxiliary hydraulic circuit.

Debris holding tank shall have a 250 gallon holding capacity. Top hinged full opening dump door with twin hydraulic remote operation door latches, sure seal square gasket, vacuum break valve 6" mechanical ball shut-off and 3" dump valve.

Staged filtration of a heavy material drop out debris tank and a self-contained multi-stage filter canister with a 10 micron polyester reusable cartridge. All filters washable and re-usable.

**Bidder Proposes
To Furnish**

Twin cylinder, electric over hydraulic dump system, powered by Monarch HPU. The slide and tip system moves the tank out before tilting to clear the truck/trailer bed for dumping, then lifts to 55 degrees to drop debris.

Hose shall be a 3” by 20’ suction hose with 2 1/2“, 1 1/4“ and 7/8” by 8’ long steel suction wands.

Trailer shall be 7,000 lb GVWR trailer with a single axle, independent torsion suspension with electric brakes. All structural steel construction (no tubing) with metal deck.

Lighting shall be DOT approved LED lighting with Weather pack environmentally sealed connectors.

Finish is to be that of high quality paint or powder coat in such design to resist rust and corrosion.

Unit shall have a Pintle hitch with safety chains.

Unit shall meet or exceed all OSHA, ANSI and State and Federal Motor Vehicle Safety standards where applicable.

Unit shall have a heavy duty locking job box.

Service lighting shall include a programmable arrow board includes eight function control box with eight individual segments and two mounted halogen swiveling work lights.

Shall have Bluetooth Tether wireless control of the valve exercising machine using a secure Bluetooth connection.

Hydraulic hose reel shall have a 50’ spring rewind hose reel for auxiliary hydraulic power with quick disconnects.

Unit to include two (2) operator/owner manuals. Unit also to include a parts/repair manual (CD is allowed and preferred).

Bidder - Please complete and return

BID SUMMARY

TITLE: One Valve Maintenance Trailer (Diesel), Water Main Valve Exercising Equipment

DUE DATE: Thursday, February 12, 2015 at 2:00 PM

Having carefully examined the specifications and any other applicable information, the bidder proposes to furnish all items necessary for and reasonably incidental to the proper completion of this bid. Bidder submits this bid and agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Bidder understands and agrees, if selected as the successful bidder, to accept a Purchase Order / Service Order / Contract from the City and to provide proof of any required insurance.

Bidder submits this bid and agrees to meet or exceed all the City of Traverse City's requirements and specifications unless otherwise indicated in writing and attached hereto.

Bid forms are to be completed, including bid sheet, and submitted. Items not meeting specifications must be noted in the "comply" column and bidder shall fully describe every variance, exception, and/or deviation. Additional sheets may be used and submitted with bid.

Bidder is also required to submit, with the bid, the latest printed manufacturer's specifications and advertising literature on the equipment (including components) to be provided. Completed unit MUST be equipped in compliance with all applicable ANSI, OSHA, State and Federal Motor Vehicle Safety standards and regulations in effect at time of manufacture.

Bidder understands that the City reserves the right to accept any or all bids in whole or in part and to waive irregularities in any bid in the best interest of the City of Traverse City. The bids will be evaluated and awarded on the basis of the best value to the city. Criteria used will include, but not be limited to, bidder/contractor's ability, qualifications, experience, type and amount of equipment, purchase price, maintenance cost(s), insurance, resale, license and permits and overall capability meeting the needs of the City of Traverse City. The City is sales tax exempt – Government.

The Bidder certifies that it is in compliance with the City's Nondiscrimination Policy as set forth in Administrative Order No. 47 and Chapter 605 of the City's Codified Ordinances.

The Bidder certifies that none of the following circumstances have occurred with respect to the Bidder, an officer of the Bidder, or an owner of a 25% or more share in the Bidder's business, within 3 years prior to the bid:

(a) conviction of a criminal offense incident to the application for or performance of a contract;

(b) conviction of embezzlement, theft, forgery, bribery, falsification or destruction of

records, receiving stolen property, or any other offense which currently, seriously and directly reflects on the Bidder's business integrity;

- (c) conviction under state or federal antitrust statutes;
- (d) attempting to influence a public employee to breach ethical conduct standards; or

(e) conviction of a criminal offense or other violation of other state, local, or federal law, as determined by a court of competent jurisdiction or an administrative proceeding, which in the opinion of the City indicates that the bidder is unable to perform responsibility or which reflects a lack of integrity that could negatively impact or reflect upon the City of Traverse City, including but not limited to, any of the following offenses or violations of:

- i. The Natural Resources and Environmental Protection Act.
- ii. A persistent and knowing violation of the Michigan Consumer Protection Act.
- iii. Willful or persistent violations of the Michigan Occupational Health and Safety Act.
- iv. A violation of federal, local, or state civil rights, equal rights, or non-discrimination laws, rules, or regulations.
- v. Repeated or flagrant violations of laws related to the payment of wages and fringe benefits.

(f) the loss of a license or the right to do business or practice a profession, the loss or suspension of which indicates dishonesty, a lack of integrity, or a failure or refusal to perform in accordance with the ethical standards of the business or profession in question.

Pre-delivery Inspection: Successful bidder shall make a complete inspection of vehicle (and/or equipment) to insure it meets specifications and perform any pre-delivery service(s) required before the vehicle is delivered. Acceptance shall be subject to complete inspection and approval of the City.

Terms: Net Cash. Payment will be made as soon as possible after delivery/acceptance of vehicle/equipment. Price quoted shall include any title fee and all delivery costs to the City Garage, 625 Woodmere Ave., Traverse City, MI 49686.

Bidder certifies that as of the date of this bid, Bidder's company or Bidder is not in arrears to the City of Traverse City for debt or contract and is in no way a defaulter as provided in Section 152, Chapter XVI of the Charter of the City of Traverse City.

Bidder agrees that the bid may not be withdrawn for a period of thirty (30) days from the actual date of the opening of the bid.

Please direct ALL questions to: Dave Courtad, Garage Superintendent, City of Traverse City, at 231-922-4900, ext. 111.

Submitted by:

Signature

Company Name

Name and Title (Print)

Company Address

Phone Fax

City, State, Zip

Sole proprietorship/partnership/corporation

If corporation, state of corporation