
The City of Traverse City

Office of the City Manager

GOVERNMENTAL CENTER

400 Boardman Avenue
Traverse City, MI 49684
(231) 922-4440
(231) 922-4476 Fax



March 9, 2016

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 **Wednesday, March 23, 2016 at 2 PM** for the following:

Trailer Mounted 6 inch Trash Auto Prime Pump
(specifications attached)

If the specifications are obtained from the City's 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.

You must indicate on the outside of the sealed envelope that the bid is for the **“Trailer Mounted 6 inch Trash Auto Prime Pump.”**

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
400 Boardman Avenue, 2nd floor
Traverse City, MI 49684

SPECIFICATIONS

SUPPLY AND DELIVER ONE (1) Trailer Mounted 6 inch Trash Auto Prime Pump.

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 one Trailer Mounted 6 inch Trash Auto Prime Pump, 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 Courtad at, 231-922-4900, ext. 111. Please ask questions or request clarifications before the bid is submitted.

Specifications: This Bid “IS NOT” Brand specific, for comparison purposes please bid your equipment that most closely matches the specifications of a Global Model 6GSTAP-C4-T-OP-LF Trash Auto Prime Trailer Mounted Open Unit Pump.

The Pump will be used to pump raw sewage.

**Bidder Proposes
To Furnish**

Make, Model, and Year of Equipment Bid: _____

The pump shall be a high efficiency, non-clog, enclosed impeller type With replaceable wear rings on both impeller and suction cover. The Separate suction cover shall be removable without disturbing the pump Casing such that wear rings, impeller, and mechanical seal may be Serviced.

The pump shall be fitted with a fully automatic, compressor driven Venturi, air ejector system. The air ejector shall operate on the discharge Side of the compressor, eliminating the possibility of water being Drawn into the air source. The venturi will be protected from Contamination by a screen in the venturi hat. A check valve and shut Off valve shall be provided between the venturi and the venturi hat to Maintain prime after engine shutdown and to allow isolation of the Priming system from the pump suction as required.

The priming system shall not use a vacuum or diaphragm pump, nor Require the use of a foot-valve, moving parts or float gear in any part Of the suction line.

The pump shall not require pre-filling with water to achieve prime.

The pump shall be supplied with a non-return check valve on the Discharge flange of the pump. The flap shall be Nitrile Rubber and Field replaceable. A ball type check valve is not acceptable.

The pump shall be equipped with an environmental reclamation box That separates the air and any liquid ejected from the venturi priming System, recycles the liquid back to the pump suction and ejects the air.

The pump casing shall be cast iron and constructed so that the suction Flow path is in axial alignment with the impeller eye. There shall be no Turns, chambers or valves between the suction line and the impeller.

**Bidder Proposes
To Furnish**

The pump impeller shall be of the enclosed non-clog type of two-vane Cast iron construction and capable of passing a 3 inch solid.

The pump casing shall have a separate and removable suction cover for Easy access to the pump interior. Suction cover shall be cast iron.

Pump shaft bearings shall be supported by a rigid cast iron bearing Housing. The shaft and bearings shall be of adequate size to withstand Imposed loads and to provide a minimum L10 Bearing Life of 100,000 Hours. Shaft shall be carbon steel. Bearings shall be grease lubricated Anti-friction bearings.

Seals shall be a mechanical self-adjusting, single non clogging spring, Bellows type with a Tungsten Carbide stationary face and beveled Silicon Carbide rotary face. All metal parts shall be stainless steel and Elastomers shall be Buna. The mechanical seal shall be lubricated by a Glycol bath from a reservoir mounted on the pump. The reservoir shall Be provided with a vented refill port and two bulls-eye sight glasses. Other than glycol level, no maintenance or adjustment shall be required Between services.

Suction and Discharge Flanges shall be cast iron in accordance with ANSI (B16.1) Class 125.

Pump gaskets shall be compressed fiber and/or Teflon.

Pump O-rings shall be Viton.

The diesel engine shall be a water cooled Caterpillar model C3.4T rated At 83 HP at 2500 RPM. Governor shall be a mechanical type. Exhaust System shall include muffler and silencer of suitable size. The engine Shall be capable of operating satisfactorily on a commercial grade of Distilled No. 2 fuel oil. The engine shall have a 12 volt electrical system and shall be complete with 180 Amp hour Battery and belt driven charging system.

The mechanical control shall display oil pressure, coolant temp. speed Battery voltage, fuel level and engine hours. The Auto/Manual switch Shall control starting and program settings, the controller shall allow engine speed adjustment. Safety shut down switches for low oil pressure and high coolant temperature shall be included.

**Bidder Proposes
To Furnish**

The pump and the engine shall be connected through a flexible coupling And mounted on an integral structural steel chassis and fuel tank with Minimum wall thickness of ¼ inch. The 110 Gallon fuel capacity shall Be sufficient to provide at least 24 hours of operating time at full load. The chassis shall be trailer mounted with a pintle type trailer hitch, tires And suspension adequately sized for the required load range ratings such that it can be towed on the road at 50 mph. The trailer shall be wired for lights and receptacle used for towing, shall have fenders, front and rear support stands, lifting bale, safety chains, side and rear reflectors per applicable DOT standards.

Pump, base, and trailer shall be shop primed and finish painted City Yellow (school Bus Yellow color code will be provided) at the Place of manufacturing. Materials and thickness for priming shall be in accordance with manufacturer's standards.

Design Requirements:

Maximum operating speed 2000 RPM.

Maximum solids handling size 3 inch.

Impeller Size 11 inch.

Suction Size 6 inch.

Discharge Size 6 inch.

Maximum Static Suction Lift 28 feet.

Maximum Flow at Runout @ 2000 RPM 2000 GPM.

Maximum Head at Shutoff @ 2000 RPM 165 feet.

Primary Duty Point with 15 ft. lift 1200 GPM, 125 feet

Secondary Duty Point with 25 feet Lift 1100 GPM, 75 feet.

The pump shall have the ability to run in a completely dry condition for Periods up to 24 continuous hours at full speed.

State Warranty period:

**Bidder Proposes
To Furnish**

Trailer to have a hose rack attached and be able to hold 7 6" by 10' Hoses.

Seven (7) 6 inch by 10 foot Flexible hoses with Cam Lock fittings on The hoses and Pump.

Must include a spare Tire/Wheel.

Bid winner to provide training on equipment.

Must include two (2) of both owner/operator manuals and repair manuals Or CD's.

Bidder - Please complete and return

BID SUMMARY

TITLE: Trailer Mounted 6 inch Trash Auto Prime Pump

DUE DATE: Wednesday, March 23, 2016 at 2 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.

The City may require an in house equipment demonstration for your bid to be considered.

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.

BID PAGE

Supply and Deliver One (1) Trash Auto Prime Trailer Mounted Open Unit Pump.

Price quoted shall include title fee, any documentation fee, and all transportation (delivery) charges fully prepaid to the City Garage, 625 Woodmere Ave. Traverse City, MI 49686

MAKE AND MODEL OF EQUIPMENT BID: _____

COST OF DELIVERED SPECIFIED EQUIPMENT: \$ _____

EXPECTED DELIVERY DATE: _____
(Length of time after receipt of purchase order and Vehicle)

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