**Bypass/Dewatering/Transfer Portable Pump**

**Dewatering Well Point System - 2021**

**TO BIDDERS: 8/26/2021**

**RFP OPENING: 9/21/2021 @ 2:00 p.m. EST**

**ADVERTISED: 9/2/2021**

**INVITATIONS TO**

**BID SENT TO: FIVE (5)**

Xylem Inc.

11850 Sears St.

Livonia, MI 48150

Fredrickson Supply

3901 Three Mile Road

Grand Rapids, MI 49534

Lincoln Solutions

Dewatering Specialists

11111 W. Hayes Avenue

Milwaukee, WI 53227

Crane Engineering

707 Ford Street

Kimberly, WI 54136

Mersino

10162 E. Coldwater Road

Davison, MI 48423

**INDEX TO CONTRACT DOCUMENTS**

Notice to Bidders

Specifications

* + 1. **Specifications**
		2. **General information**
		3. **Minimal Proposal Requirements**
		4. **Contractor Qualifications**
		5. **Insurance**
		6. **Workmanship**
		7. **Inspection**
		8. **Payment**
		9. **Warranty**
		10. **Other Requirements**
		11. **Project Coordinator**

Bidders Proposal

Bid Bond

# **NOTICE TO BIDDERS**

Sealed bids will be received by the City of Escanaba at the office of the City Clerk, on or before 2:00 p.m. EST, on: **Tuesday, 9/21/2021.**

The bids will be publicly opened and read in Room 101 in the City Hall located at 410 Ludington Street, Escanaba, Michigan at said date and time.

Bidder’s proposals, and/or specifications may be obtained from the office of the City Clerk, located at 410 Ludington Street, Escanaba, Michigan, 49829. No bids will be considered unless the proposal form and /or specifications (furnished by the City of Escanaba, Michigan), are properly completed and enclosed in a sealed envelope, marked:

**Bypass/Dewatering/Transfer Portable Pump**

**Dewatering Well Point System - 2021**

In addition, the City of Escanaba, Michigan will not consider any proposal which has not been received prior to the published time, date, and year of bid opening. (FAX transmittals will not be accepted.)

***A Certified Check, Cashier’s Check, or Bidder’s Bond, drawn payable, without condition, to the City of Escanaba, Michigan, in an amount not less than 10% of the bid, will be submitted with each proposal as a guarantee that if the bid is accepted, the bidder will furnish materials or services as stated in his or her proposal. On failure of the successful bidder to fulfill the conditions of his or her proposal, he or she shall forfeit said deposit to the City of Escanaba, Michigan as liquidated damages. The acceptance of the proposal will be contingent upon the bidder’s acceptance of this provision.***

The City of Escanaba, Michigan reserves the right to reject any or all bids, or any part thereof at its discretion, and to waive any irregularities in the bidding. The City of Escanaba, Michigan may also split bids at its discretion. The City further reserves the right to negotiate directly with any and all bidders concerning any matter related to any bid.

All City of Escanaba, Michigan bids are prepared to afford all vendors the equal opportunity for fair and equitable competition. The City of Escanaba, Michigan assumes no liability or responsibility for any errors or oversights in the preparation and/or publication of bids.

Jeff Lampi

Water –Wastewater Superintendent

City of Escanaba

 **Bypass/Dewatering/Transfer Portable Pump**

**Dewatering Well Point System - 2021**

## Specifications:

See check list in minimal requirements for specifications.

**General Information:**

The City of Escanaba is receiving proposals for supplying a Bypass/Dewatering/Transfer Pump & Dewatering Well Point System – 2021**.** The following specifications outline the requirements for a successful proposal.

The intended use of this pump shall be for by-passing sanitary sewer in times of plugged sewers. While used as a by-pass pump we expect it to be able to shut off, start, self-prime, and pump sewage while controlled via of a float system while not being attended. This pump shall be used in residential settings and shall have a sound enclosure of a high rating to lessen any disturbances while in operation overnight.

The pump shall also be utilized in a normal fashion pumping water or sewage. Size of passed solids shall be provided by supplier.

PLEASE NOTE, we have high expectations that this pump will also be able to function as a well-point de-watering pump, capable of servicing 10-60 well points without issues or fear of damage occurring to the pump. VENDOR MUST CONFIRM OR INVALIDATE THIS CONCEPT WITHIN THE BID AS PRESENTED.

Different intended uses require a wide range of specifications. Our hopes are that the selected pump shall pass 3” solids at a flow rate of at least 1.5 mgd (or 1250gpm) with 30 feet of suction head, 40 feet of discharge head, and also preform flawlessly as a de-watering (well-point) pump.

BIDDING OF THE WELL POINT SYSTEM:

Shall be competed as an auxiliary (secondary) bid and may or may not be purchased at this time. The city may elect to purchase the pump and point system as a combined set or as a separate purchase at its choice. This purchase may be split between different completing vendors.

All costs and prices within this bid provided, shall include the items to be delivered to:

Escanaba Wastewater Plant

1900 Willow Ck Road

Escanaba, MI 49829

**This space intentional left blank**

**Bypass/Dewatering/Transfer Portable Pump**

**Dewatering Well Point System - 2021**

**Minimal Proposal Requirements**

*Please check each item that is achievable in your proposal and provide written explanation if you are not able to fulfil any requirements,*

**Please return this page with RFP**

**Bypass/Dewatering Portable Pump (***Fill in the Blanks)*

1. **\_\_\_\_\_\_\_\_ Furnish one (1) Pump capable of pumping at least 1.5 MGD with the following parameters**
	1. **\_\_\_\_\_\_ Vertical suction lift**
	2. **\_ \_\_\_\_\_ Dynamic Discharge head**
	3. **\_\_\_\_\_\_\_ Total dynamic head**
		1. **\_\_\_\_\_\_\_ Provide gallons per minute at lowest rpm**
		2. **\_\_\_\_\_\_\_ Provide gallons per minute at highest rpm**
2. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Brand of Pump**
3. **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pump Model Number**
4. **\_\_\_\_\_\_\_\_ Size of pump (IE 4” – 6” – 8”)**
5. **\_\_\_\_\_\_\_\_ Specify largest solid pump can pass**
6. **\_\_\_\_\_\_\_\_ Can pump operate a dewatering system w/ 200’ of well point dewatering system hooked up**
7. **\_\_\_\_\_\_\_\_ Can pump operate as both a by-pass and also as a dewatering system pump**
8. **­\_\_\_\_\_\_\_­­­\_ Does the pump have the ability to automatically self-prime and continuously run dry without compromising the integrity of any vital components**
9. **\_\_\_\_\_\_\_\_ Can pump function with floats or similar technology**
10. **\_\_\_\_\_\_\_\_ While in automatic float mode will the diesel motor shut off and self-start again.**
11. **\_\_\_\_\_\_\_\_ Is this pump powered by diesel engine**
	1. **\_\_\_\_\_\_\_ If equipped with any emission standards, what level is it**
12. **\_\_\_\_\_\_\_\_ Does the pump have the fuel capacity to run twenty-four (24) hours uninterrupted**
13. **\_\_\_\_\_\_\_\_ Does the pump have a manufacturer provided trailer (pintle hitch)**
14. **\_\_\_\_\_\_\_ Does the pump have a manufacturer sound attenuated enclosure**
	1. **\_\_\_\_\_\_\_ Please provide decibel rating at highest rpm**
15. **\_\_\_\_\_\_\_\_ Please provide pictures, specifications, overview and any other pertinent information**
16. **Can these following items be provided that are compatible to the pump**
	1. **\_\_\_\_\_\_\_\_ Five (5) 10’ Suction Hoses with quick disconnects,**
	2. **\_\_\_\_\_\_\_\_ One (1) Strainer galvanized or similar tensile strength with quick disconnects**
	3. \_\_\_\_\_\_\_\_ **Ten (10) 50’ sections of Discharge Hose (lay flat) with quick disconnects**
	4. **\_\_\_\_\_\_\_\_ Five (5) 90 degree galvanized or similar tensile strength fittings with quick disconnects**
	5. **\_\_\_\_\_\_\_\_ Six (6) 45 degree galvanized or similar tensile strength fittings with quick disconnects**
	6. **­­­\_\_\_\_\_\_\_\_ Four (4) 22.5 degree galvanized or similar tensile strength fittings with quick disconnects**
17. **\_\_\_\_\_\_\_\_ Provide Specifications and efficiencies of proposed motor**
18. **\_\_\_\_\_\_\_\_ Provide three (3) copies of the Operations and Maintenance manuals for pump, motor and any other electrical components provided**
19. **\_\_\_\_\_\_\_\_ Provide warranty on all equipment furnished for a minimum of one year**
20. **\_\_\_\_\_\_\_\_ All equipment must be in accordance with all Federal, State, City, & Department rules, regulations, and policies**

**Dewatering Well Point System (Additional Bid Item)**

1. **\_\_\_\_\_\_\_­ Can these following items be provided that are compatible to the pump**
	1. **\_\_\_\_\_\_\_ Two hundred feet (200’) of Well point Header Pipe with three (3’) foot spacing for point ports**
	2. **­\_\_\_\_\_\_\_ Complete set of points per your dewatering header system eighteen (18’) feet long**
	3. \_\_\_\_\_\_\_\_ **Number of Points being provided**
	4. **\_\_\_\_\_\_\_ Well point grommet style hoses from header to points with throttling valves on each point**
		1. **\_\_\_\_\_\_\_ Half of grommet Style hose eight (8’) feet long**
		2. **\_\_\_\_\_\_\_ Half of grommet style hose sixteen (16’) feet long**
2. **\_\_\_\_\_\_\_ State what size (inches) header shall be provided**
3. **\_\_\_\_\_\_\_ State what size (inches) discharge hose shall be provided**
4. **\_\_\_\_\_\_\_ Please note any other equipment not listed for dewatering system**
5. **\_\_\_\_\_\_\_ Provide three (3) copies of the Operations and Maintenance manuals for all dewatering equipment and any other components provided**
6. **\_\_\_\_\_\_\_ Provide warranty on all equipment furnished for a minimum of one year**
7. **PLEASE COMPLETE AND RETURN THE MINIMUM SPECIFICATIONS FORM SUPPLIED.**
8. *Please provide any additional information required*

**WORKMANSHIP**

1. All work will be done in a workman like manner according to standard practice.
2. All materials will be installed according to written specifications, and all MIOSHA’s rule and regulations.
3. Provide owner with any required training to personnel.

**INSPECTION**

Owner reserves the right to inspect Contractor’s work at any phase of the operation. Contractor must provide any and all reports received from any inspections that may be completed as per the confines of this project. Owner reserves the right to require the Contractor to coordinate various phases so as to facilitate the inspection process. If the Owner determines that any of the Contractor’s work is unsatisfactory, the Contractor shall correct the work at his own expense.

**PAYMENT**

Shall be one lump sum upon the satisfactory completion of all items of specifications check list, and owners’ satisfactory inspection of work completed.

**WARRANTY**

The Contractor guarantees workmanship for a minimum of one (1) year from the date of acceptance. The Contractor guarantees materials for a minimum of ten (10) years from the date of acceptance.

**OTHER REQUIREMENTS**

The successful bidder will be required to provide the following items within 20 days following the City Council’s approval of the bid award.

Not Applicable

**PROJECT COORDINATOR**

Jeff Lampi, Superintendent

Water- Wastewater Department

410 Ludington Street

PO Box 948

Escanaba, MI 49829

jlampi@escanaba.org

Telephone: (906) 786-1301

**BIDDER’S PROPOSAL**

**Bypass/Dewatering/Transfer Portable Pump**

**Dewatering Well Point System - 2021**

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

City of Escanaba

Escanaba, Michigan 49829

We, the undersigned, agree to furnish the City of Escanaba, Michigan **ALL MATERIALS WITH REGARD TO THE PORTABLE PUMP AND DEWATERING SYSTEM** in accordance with the attached minimum specifications, which are part of this proposal, at the following price:

**BID**: Bid amount to furnish Portable Pump as specified: **$\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Alternate BID:** De-watering System as specified**: $\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

CERTIFIED CHECK, CASHIER’S CHECK OR

BIDDER’S BOND ENCLOSED IN THE

AMOUNT OF: (Not less the 10% of total)  **$\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (must be included to qualify)**

**Please include the following items with the bid:**

* **Completed -- Minimal Proposal Requirements Check List**
* **Certified Check, Cashier’s Check or Bid Bond**
* **Factory Specification sheet of proposed potable pump package**
* **Factory Pump Curve**

**SUBMITTED BY**:

FIRM:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ADDRESS:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

BY:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PRINTED:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TITLE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PHONE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ FAX:\_\_\_\_\_\_\_\_\_\_\_\_\_

**BID BOND**

**Bypass/Dewatering/Transfer Portable Pump**

**Dewatering Well Point System - 2021**

KNOWN TO ALL MEN BY THESE PRESENT, that we, the undersigned, as principal and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

as Surety, are hereby held and firmly bound unto the City of Escanaba, Delta County, Michigan, as Owner in the penal sum of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

Signed, this \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ day of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, 2021.

The condition of the above obligation is such that whereas the Principal has submitted to the Owner a certain Bid, attached hereto and hereby made a part hereof to enter into a contract in writing, for

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NOW, THEREFORE,

(a) If said Bid shall be rejected, or in the alternate.

(b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bond for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith and shall in all other respects perform the agreements created by the acceptance of said Bid.

Then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such Bid; and Surety does hereby waive notice of any such extension.

IN WITNESS THEREOF, the Principal and Surety have hereunto set their hands and seals, and such of them are corporations who have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

SEAL:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(L.S.)

Principal

Surety