

Escanaba Water Department Leak Detection – 2018

TO BIDDERS: 1/6/2018

BID OPENING: 1/30/2018, @ 2 pm EST

ADVERTISED: 1/6/18

BID INVITATIONS

SENT TO: NINE (9)

ADS Environmental Services
935 W Chestnut Street, Suite 415
Chicago, IL 60642

Echologics, LLC.
6295 Northham Drive, Unit 1
Mississauga, ON L4V 1W8

EnTech Engineering, Inc.
228 Meadowbrook C C Way
Saint Louis, Missouri 63011

Fluid Conservation Systems, Inc.
502 Techne Center Drive, Suite B
Milford, OH 45150

Davies Water/ Ferguson Waterworks
5350 N. Richmond St.
Appleton, WI 54913

M.E. Simpson Company, Inc.
3406 Enterprise Ave
Valparaiso, IN 46383

American Leak Detection of West MI
325 E Davis St.
Paw Paw, MI 49079

SubSurface Leak Detection, Inc.
PO Box 5490
Incline Village, NV 89450

Superior Inspection & Leak Detection Inc.
154 W. Foothill Boulevard, Suite A-261
Upland, CA 91786

NOTICE TO BIDDERS

Sealed bids will be received by the City of Escanaba at the office of the City Clerk, on or before 2 p.m. e.s.t, on: **1/30/2018, @ 2 pm**

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:

Escanaba Water Department Leak Detection – 2018

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
W/WW Supt

Escanaba Water Department Leak Detection – 2018

City Distribution System Specifications:

The City of Escanaba Water Department is seeking proposals for all-inclusive leak detection services of the City ~80 miles water main including 5000 plus city owned water services. The City of Escanaba considers the water service from the main to the curb stop as the City responsibility & property. The curb stops for <1” services are generally located on or near the home owners property line, constructed of either galvanized or copper. The Curb stops or valves for >2” services are generally located at the water main.

The City also services a small section of Wells Township, which will also be included in the Leak Detection survey.

The Distribution System mains range on size from 2” to 16”. The majority of the system is between 4-8 inches.

95% Cast Iron; 4-5% Ductile Iron; >1% AC ; >1% Galvanized

Please request complete details email:

JLampi@escanaba.org or rkleiman@escanaba.org

Item included in request:

PDF’s of City Distribution System CAD drawings with size, and location of mains. Some details are not included in the current PDF, so the attachment is only deemed to be a reference tool.

Your request will include your company on a group email. All responses to any questions based on this RFP will be addressed to the entire “group mailing list” as a whole.

Scope of Work:

Objective of this Request for Proposals

The City of Escanaba, MI is seeking proposals from qualified Professional Contractors for the purpose of providing leak detection services to minimize the amount of water lost, both surfacing and not-surfacing (background leakage) in the Owner's water distribution system using the best available technology for each pipe diameter and material.

Within the submitted RFP, list and explain the type of Leak Detection Survey Technology your proposal will implement for the purposes of locating the most leaks possible and reducing water loss to minimal levels.

Responses to this RFP should specify the type of equipment, software and methods proposed to be used. The survey will encompass the approximately 80 miles of water main throughout the City of Escanaba and a small section of Wells TWP. The listening points will include, but is not limited to, each hydrant and accessible valve. Services/ Curb boxes will be used on an as needed basis to minimize the distance between listening points, and for pinpointing the actual leak. A determination of which side of the curb box the leak is located at will be required. Upon completion of the project, a written report shall be submitted including a summary of the project, survey review with observations, data sheets noting each individual leak with a drawing and GPS coordinates of its location, estimated GPM loss, and conclusions.

It is requested that after the completion of the repair of a major leak, the corresponding section will undergo a second leak detection survey to insure smaller leaks were not missed. The primary survey work included under this contract shall be completed **no later than June 30, 2018.**

a. Service Capability - Minimal proposal requirements:

- Contractor shall furnish all labor, material, transportation, tools, and equipment necessary to perform the survey.
- All work will be conducted across a forty (40) hour work week the normal between the hours of 7am – 4 pm, Monday – Friday (excluding the City Holidays).
- If excessive ambient noise makes the survey ineffective during the day time hours the contractor may be required to conducted work in these areas during nighttime hours. Such times and hours of work will be scheduled well in advance with City.

- Contractor shall be required to provide skilled & trained personnel and equipment to complete the work herein specified. Personnel are required to have minimum of three years field experience in leak location and pin-pointing.
- Contractor shall provide, obtain, and pay for any and all permits and licenses as required.
- Contractor shall show proof of a Contractor's License and insurance with the City being named as additional insured.
 - Contractor must also provide MDOT as being named addition for work done within the MDOT Right of Ways.
- Contractor shall provide a fully qualified and properly trained – equipped crew to safely and competently perform all the work associated with this RFP
- Contractor shall provide a Crew Leader or Foreman whom will be responsible for all communications and planning of all work with the City.
- Contractor shall provide a work plan to implement the work within the submitted RFP, including a time frame and descriptions and list of materials being used to perform the survey.
- Contractor shall listen on all Fire Hydrants & Main Line Valves. And additionally any Curb Stop if needed to pinpoint a leak.
- Contractor will determine which side of the curb stop the suspected leak is on.
- Contractor shall make every effort to snug valves on all fire hydrants and main line valves which are suspected of leaks and reevaluate to verify leak.
- Preferred listening distances shall not exceed 300' between points, such as valves and hydrants.
- Contractor shall provide a detailed map or drawing of the leak to the Water Department.
- Contractor shall also provide a written report of all leaks with their location & nearest address, and the estimated water loss of each leak to the City. Inclusive within the report; a description of any deficiencies discovered during the leak survey shall be included. This will include the determination of the leak being the responsibility of the City or that of a Private Owner.
- Contractor will be required to follow all necessary safety procedures including: proper MDOT traffic control signage, all traffic laws, and all MOISHA rules and regulations
- **All work conducted & all reports shall be submitted no later than June 30th 2018.**

- The City will provide PDF or all related water system drawings available.
- The City will assist in cleaning of boxes and working valves.
- The City will provide a knowledgeable and qualified water system operator to assist the contractor on a daily basis.
- All work must be done in a workmanship fashion and conducted in accordance with all MIOASHA rules and regulations.

b. System Cost

- Provide a lump sum total for the project; to conduct leak detection services as defined within this RFP.
- Provide additional costs not covered within this RFP. Provide a written description and support for these additional incurred costs.

BASIS OF AWARD -- CONTRACTOR QUALIFICATIONS

All proposals will be reviewed based on qualifications, price, completion time frame, previous experience and the best interest of the City of Escanaba. The City of Escanaba reserves the right to accept or reject any proposals.

Sealed proposals will be received by the City of Escanaba at the office of the City Clerk, on or before 2:00 p.m. - local time - on **1/30/2018 @ 2 pm est.**

INSURANCE

The Contractor shall provide the City of Escanaba with the following evidence of insurance before the commencement of the work:

Workers Compensation

Coverage A	Statutory – Michigan
Coverage B	\$100,000

Comprehensive General Liability

Bodily Injury	\$1,000,000 Combined Single Limits (minimum)
Property Damage	\$1,000,000 Combined Single Limits (minimum)

Comprehensive Auto Liability

Auto Liability	\$1,000,000 Combined Single Limits (minimum)
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MDOT INSURANCE

MDOT 2012 Standard Specifications for Construction:
Refer to Section 107.10

The City of Escanaba and MDOT shall be named as “additional insured” on all certificates. All policies affording coverage under the insurance requirements shall further be endorsed to provide a ten (10) day notice to be delivered to the City of Escanaba and MDOT before any coverage’s are either reduced or cancelled.

The contractor shall submit documentation showing that the City of Escanaba and MDOT are held harmless.

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. 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 test requirements stated in the Inspection section of this request

WARRANTY

Not Applicable.

PROJECT COORDINATOR

Jeff Lampi, Superintendent
Water- Wastewater Department
PO Box 948
Escanaba, MI 49829
jlampi@escanaba.org
Telephone: (906) 786-1301

PROPOSAL

RFP: Escanaba Water Department Leak Detection – 2018

Date _____

Proposal of _____, (hereinafter called Bidder), a corporation, organized and existing under the laws of the State of _____, doing business as _____.

To the City Council, City Hall, P.O. Box 948, City of Escanaba, Michigan, (hereinafter call Owner).

The Bidder, in compliance with the advertisement for bids and specifications for the **RFP: Escanaba Water Department Leak Detection – 2018**, having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposed to furnish all labor, materials, and supplies and to construct the project in accordance with the contract documents, within the time set forth therein, and at the price and/or prices stated below. These prices are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is part.

Exact dates of this project shall be coordinated with the City of Escanaba W-WW Superintendent prior to start of any construction.

The City of Escanaba reserves the right to delete part of or negotiate directly with any and all bidders concerning any matter related to any bid.

The Bidder acknowledges receipt of the following addendum:

_____ Dated: _____

_____ Dated: _____

_____ Dated: _____

PROPOSAL

RFP: Escanaba Water Department Leak Detection – 2018

Date: _____

City of Escanaba, PO Box 948, Escanaba, MI 49829

We the undersigned, agree to furnish the City of Escanaba, Michigan **RFP: Escanaba Water Department Leak Detection – 2018**, in accordance with the attached minimum specifications, which are part of this proposal, at the following price:

Provide an all-inclusive Leak Detection survey of the entire Distribution System & City owned Service: \$ _____

Any Additional cost not mentioned: \$ _____

Please provide a detailed description of any additional costs: _____

FOB: City of Escanaba

***CERTIFIED CHECK, CASHIER'S CHECK,
OR BIDDER'S BOND ENCLOSED
IN THE AMOUNT OF:*** \$ _____
(Must be included to qualify)

SUBMITTED BY:

FIRM: _____

ADDRESS: _____

BY: _____

EMAIL: _____

PRINTED

NAME: _____ TITLE: _____

(Business Address Seal- if bid is by a corporation)

RFP: Escanaba Water Department Leak Detection – 2018

BID BOND

KNOWN TO ALL MEN BY THESE PRESENTS, 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 _____, 2018.

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_____