



**Purchasing Division**  
18 North County Street, 9th Floor  
Waukegan, Illinois 60085-4350  
Phone 847-377-2992  
Fax 847-984-5889  
purchasing@lakecountyil.gov

## Award Information – 5/5/2021

### Contract Information

Purchase Description: **PW 2020.109 Vernon Hills West Pump Station**

Contract Start Date: **Upon County Board Approval**

Initial Term: **90 Days**

Term Dates: **N/A**

Renewals: **N/A**

### Vendor Information

Company Name: **Construction Product Marketing**

Address: **3815 East Grove Street**

*Street Address*

**4**

*Suite/Unit #*

**Phoenix**

*City*

**AZ**

*State*

**85040**

*ZIP Code*

Contact Name: **Chris MacDonald**

Funding Account

Description: **Public Works Enterprise Fund**

Budget Information: **Was included in the FY21 Budget and service is within budget expectations.**

Department: **Public Works**

Department Contact: **Jeffrey Kolar**

Award Amount: **\$241,600**

### Bid / RFP Information

Registered Vendors: **24 (5 Local)**

Responses Received: **3 (0 Local)**

#### Intent:

It is the intent of Lake County, Public Works hereafter referred to as "Owner", to enter into a contractual agreement for the planning, field investigation and evaluation of the two (2) 16-inch force mains, approximately a total of 7,000 LF in length that deliver sewage from the Vernon Hills West Pump Station to the New Century Town Water Reclamation Facility in Vernon Hills. The force main analysis should be performed via an in-line scanning technology that can detect gas pockets and other areas of concern such as localized corrosion, wall loss, force main alignment details, etc. The vendor should provide the equipment to perform the field analysis and staff with experience operating the equipment for similar projects. In addition to the internal analysis Owner desires to perform pipe scanning to identify potential areas of failure. The pipe scanning will be performed by exposing the force main and using a scanning device to locate areas of potential failure. Owner's desire is to perform the majority of the analysis while both force mains are still in service to minimize the amount of time a shutdown of either main needs to be out of service for.

#### Scope of Work:

Lake County is seeking a vendor to provide the internal force main scanning technology and pipe assessment to identify potential areas of concern. The services Lake County is seeking are as follows:

- A free-swimming internal evaluation technology that can identify gas pockets within the main. The technology should be able to be inserted and extracted from the main through access points in the force main".
- Prior to beginning the field work provide a Pipe Entry Point Plan with the proposal, which identifies the strategy and documentation for accessing the force main to accommodate entry and extraction of inspection instruments and force main repair/restoration.
- Please provide an estimate for the time it will take the internal scanner to move through the force main. How long will each line need to be out of service during this project?



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- At points where potential gas pockets have formed or where the internal scan identifies potential problems the force main should be exposed and an external scan should be performed to identify areas where the pipe has thinned and risk of failure is high.
- The vendor must have field staff who can operate the equipment to be used for the internal analysis and pipe scanning.
- The inspection technology must be able to navigate bends, open valves and other pipeline features while the force main is still in operation. Field staff must be experienced and knowledgeable in operating the pipe scanning and inspection equipment.
- Inspection and assessment of air release valves.
- Vendor must provide for potholing and exposing force mains for external scanning at points of interest identified during the internal evaluation or as directed by the County.
- Producing a report that shall include the following assessment data as a minimum:
  - Identified features of the existing force main, including:
    - Pipeline size
    - Pipeline length
    - Pipeline alignment
  - Any gas pockets identified and the location within each main.
  - A pipeline corrosion or wall loss thickness evaluation.
  - A prioritized listing with a location map of the gas pockets, location of potential wall loss assessment locations and repair and/or rehabilitation locations based on the cumulative data.
  - The report shall be submitted to Lake County by September 30, 2021.

#### **Evaluation of Proposals:**

- A. Relevant Experience: Proven experience in the successful implementation of similar projects.
- B. Project Team: Qualifications of proposed project team members, including depth of talent and staffing experienced in the execution of similar contracts.
- C. Quality Design: Design control and the ability to understand and translate the client's design goals.
- D. Time Commitment: Quality and time availability of key project team members.
- E. Meets or Exceeds scope of work: Service inclusions, customer interface, and project management.
- F. Firm Differentiation: Distinct attributes that make the firm uniquely capable to provide the services required and value-added services.

#### **Department Recommendation:**

Lake County Purchasing received and opened three RFPs for Vernon Hills West Pump Station Force Main Analysis for Lake County, IL on January 15, 2021. Lake County Purchasing reviewed and scored the RFPs received and held interviews with the top two ranked firms. In accordance with the evaluation criteria in the RFP Construction Product Marketing is the most qualified proposer. Lake County Purchasing recommends awarding to Construction Product Marketing in the amount of \$241,600. Lake County Public Works agrees with my recommendation.

Yvette Albarran, 5/5/2021