


VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees
FROM : Scott Niehaus, Village Manager
DATE : March 29, 2021 Agenda Date April 15, 2021
TITLE : Waiver of Bids
2021 Water & Sewer Pump Station Arc Flash Project Update
SUBMITTED BY: Brian Jack, Utilities Superintendent 

RESULTS:

Date Bids Were Published _____ Bidding Closed _____
Total Number of Bids Received _____
Total Number of Bidders Meeting Specifications _____
Bid Security Required _____ Yes _____ No
Performance Bond Required _____ Yes _____ No
Were Any Bids Withdrawn _____ Yes _____ No
Explanation:
Waiver of Bids Requested? _____ X Yes _____ No
If yes, explain:
Award Recommended to Lowest _____ Yes _____ No
Responsible Bidder?
If no, explain: Purchase from manufacturer's authorized distributor.

FISCAL IMPACT:

Engineer's Estimate/Budget Estimate: \$60,000 Amount of Award: \$29,901.00
Account # 520.790.715.75420
Water and Sewer Capital Reserve Fund – RM PROG 42 - \$29,901.00

BACKGROUND/RECOMMENDATION:

Waiver of bids and award a contract to Seam Group for the 2021 Water & Sewer Pump Station Arc Flash Project Update in an amount not to exceed \$29,901.00.

Has Recommended Bidder Worked for Village Previously X Yes ___ No
If yes, was quality of work acceptable X Yes ___ No

983156

REVIEW (as needed):

Village Attorney XX _____ Date _____
Finance Director XX _____ Date _____
Village Manager XX _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 4:30 pm, Wednesday, prior to the Board Agenda distribution.

MEMORANDUM



To: Scott Niehaus, Village Manager

Through: Carl S. Goldsmith, Director of Public Works *CSG*

From: Brian M. Jack, Utilities Superintendent *BJ*

Date: March 29, 2021

Subject: **Waiver of Bids - 2021 Water & Sewer Pump Station Arc Flash Project**

Background

The Village's water and sewer pump stations have electrical services of 240 volts and greater in which Village employees routinely make repairs to the pump station electrical equipment. Arc flash is one of the safety hazards that exist when working with electrical equipment of higher voltages. An arc flash is the release of a tremendous amount of energy due to an uncontrolled arc within the equipment. An arc flash incident is commonly characterized as an explosion, which occurs in milliseconds, too fast for human reaction time. The result can be serious burns or trauma to the employee and/or significant equipment damage.

In 2011 and 2016, Littlefuse, Inc of Chicago Illinois and Lew Ellyn Technology, LLC respectively, with the assistance of the Water Treatment & Wastewater Pumping (WTWWP) Division conducted an arc flash analysis. The various electrical equipment was throughout the system was identified, studied and subsequent risk to exposure was documented in a detailed report. An arc flash hazard assessment was also completed which evaluated the arc flash potential of each piece of equipment, provided an arc flash rating for each component, labeled each electrical cabinet and further trained employees on interpreting electrical data, personal protective equipment and safe work practices.

Once an Arc Flash Study is performed, the National Fire Protection Association, or NFPA, requires subsequent studies be conducted every five years to ensure proper labels are affixed to the equipment and proper safety precautions are taken by anyone working around high voltage equipment. Any changes to existing electrical wiring or modifications such as the addition of a generator or pump station rehabilitation will be addressed. New reports will be created and new identification arc flash stickers will be placed on all equipment that could potentially harm the operators.

In preparation of the 2021 Arc Flash Study, WTWWP staff requested a proposal detailing the specifications for the arc flash project which included data collection and analysis on all of the electrical equipment in the pump stations from the 2016 study. The 2021 arc flash project will identify any changes or upgrades at the Village's 32 facilities and the arc flash risks. The final report will also have recommendations for reducing the

risks, labeling any new or modified equipment and possible training topics that will assist the operators.

The Request for Proposal (RFP) was sent to six companies who specialize in Arc Flash Studies. Subsequently, of the six firms solicited, two submitted proposals: Seam Group, LLC and ABB, Inc. Staff reviewed the proposals to verify that all portions of the requirements and scope were met and determined one submittal met the requirements. Seam Group, LLC (Formerly Lew Ellyn Technology) provided the lowest cost proposal and is the most qualified firm. They are considered a reliable and responsive vendor who has completed numerous Arc Flash projects throughout the Chicagoland area and performed the 2016 arc flash study for Lombard. Their company went through a recent acquisition and info on that is attached. Reference checks with those local communities continue to rate Seam Group very good and highly recommended.

Results of the proposal are listed below. ABB, Inc failed to meet the deadline for submittal and did not follow the Village's RFP submittal process. Their proposal is therefore rejected and they are deemed non-responsive. Three of the firms cited an increased work load as a reason for not submitting and one firm did not respond to numerous requests from staff.

<u>VENDOR</u>	<u>2021 ARC FLASH RFP</u>	<u>TOTAL</u>
Seam Group, LLC of Indianapolis, IN	2021 ARC FLASH RFP	\$29,901.00
ABB, Inc of Portage, IN	2021 ARC FLASH RFP	\$99,742.00
General Electric of Warrenville, IL	2021 ARC FLASH RFP	Did Not Submit
Eaton Corporation of Glendale Heights, IL	2021 ARC FLASH RFP	Did Not Submit
Bob Herzig Engineering of Kansas City, MO	2021 ARC FLASH RFP	Did Not Submit
Flolo Corporation of Bensenville, IL	2021 ARC FLASH RFP	Did Not Submit

The 2021 Water & Sewer Pump Station Arc Flash Project's budget is \$60,000 allocated in the Water and Sewer Capital Reserve Fund, RM PROG 42.

Seam Group was very aggressive in their pricing and they are significantly under the expected budget for this project based on expenditures in 2016. The project scope calls out for the selected firm to perform additional infrared thermal imaging of all equipment in addition to providing assistance with refining the Village's Arc Flash Electrical Safety program. Village staff will work with Seam Group to ensure all areas of this project and scope are met in order to keep Village employees safe when working around energized equipment.

Recommendations

Staff recommends the Board of Trustees waive bids and award a contract for the FY 2021 Water & Sewer Pump Station Arc Flash Project to Seam Group, LLC of Indianapolis, IN in an amount not to exceed \$29,901.00 at their April 1, 2021 meeting.

Results of Arc Flash RFP 2021

Vendor	RFP Submitted	Addendum Included	Base Proposal (determining #)	Electrical Safety Program Development - Alt 1	IR Thermography Study - Alt 2	Total
Seamgroup	Yes	NA	\$ 21,143.00	\$ 2,800.00	\$ 5,958.00	\$ 29,901.00
ABB	Yes	NA	\$ 99,742.00	NA	NA	\$ 99,742.00
G.E.	No	NA	-	NA	-	-
Eaton	No	NA	-	NA	-	-
Bob Herzig	No	NA	-	NA	-	-
Flolo	No	NA	-	NA	-	-

VILLAGE OF LOMBARD

Contract for FY 2021 Water & Sewer Station Arc Flash Project

This agreement is made this 15th day of April, 2021, by and between, and shall be binding upon, the Village of Lombard, an Illinois municipal Corporation hereinafter referred to as (the "Village") and Seam Group, LLC of Indianapolis, IN hereinafter referred to as (the "Contractor").

Witnesseth That in consideration of the mutual promises of the parties delineated in the Contract Documents, the Contractor agrees to sell and the Village agrees to pay for the following described items as set forth in the Contract Documents:

FY 2021 Water & Sewer Station Arc Flash Project in an amount not to exceed \$29,901.00

1. This Contract shall embrace and include all of the applicable Contract Documents listed below as if attached hereto or repeated herein:
 - a. The Contractor's Proposal dated March 5, 2021.
 - b. Required Certificate of Insurance, Indemnification, Venue, Other Contractor Responsibilities
2. The Village agrees to pay, and the Contractor agrees to accept as full payment for the items which are the subject matter of this Contract the total sum of \$29,901.00 paid in accordance with the provisions of the Local Government Prompt Payment Act and the provisions of the Contract Documents.
3. Risk of loss, destruction or damage of or to goods under this Contract shall be on contractor until delivery of the goods to the Village and acceptance of the goods by the Village.
4. The Contractor agrees to perform the terms of this Contract according to the following schedule set forth in their quotation after the Notice to Proceed has been delivered. Time is of the essence of this Contract.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by Village President, and the Contractor have hereunto set their hands this 15th day of April, 2021.

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this ___ day of _____, 20__.

Individual or Partnership _____ Corporation _____

By Position/Title

By Position/Title

Print Company Name

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this 15th day of April, 2021.

Keith T. Giagnorio
Village President

Attest:

Sharon Kuderna
Village Clerk

**VILLAGE OF LOMBARD
CONTRACTOR'S CERTIFICATION**

_____, having been first duly sworn, depose and states as follows:
(Officer or Owner of Company)

I am the _____ for _____,
(Title) (Name of Company)

(the "Contractor"), which has submitted a proposal for FY 2021 Water & Sewer Station Arc Flash Project to the Village of Lombard and, having personal knowledge of the matters certified to herein, and being authorized by the Contractor to make the certifications set forth herein, hereby certifies that said Contractor:

1. has a written sexual harassment policy in place, in full compliance with 775 ILCS 5/2-105(A) (4);
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:
 - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate revenue Act; or
 - b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement;
3. is in full compliance with the Federal Highway Administration Rules on Controlled Substances and Alcohol Use and Testing, 49 CFR Parts 40 and 382, and that

(Name of employee/driver or "all employee drivers")

is/are currently participating in a drug and alcohol testing program pursuant to the aforementioned rules; and

4. is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3 or 33E-4 of Article 33E of the Illinois Criminal Code of 1961.

By: _____
Authorized Agent of Contractor

Subscribed and sworn to
before me this _____
day of _____, 2021.

Notary Public