


**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 : April 1, 2019 Agenda Date: April 18, 2019  
TITLE : Waiver of Bid - McIntire Management Group  
Pre-Purchase of Little John Digester for Yorktown Lift Station  
SUBMITTED BY: Brian Jack, Utilities Superintendent 

**RESULTS:**

Date Bids Were Published N/A Bidding Closed N/A  
Total Number of Bids Received 2  
Total Number of Bidders Meeting Specifications 2  
Bid Security Required \_\_\_\_\_ Yes X No  
Performance Bond Required \_\_\_\_\_ Yes X No  
Were Any Bids Withdrawn \_\_\_\_\_ Yes X No  
Explanation:  
Waiver of Bids Requested? \_\_\_\_\_ X Yes \_\_\_\_\_ No  
If yes, explain: See Memo  
Award Recommended to Lowest Responsible Bidder? \_\_\_\_\_ X Yes \_\_\_\_\_ No  
If no, explain: See memo.

**FISCAL IMPACT:**

Budget Estimate: \$50,000 (Project Budget in 2020 CIP)  
Amount of Award: \$44,736.00  
Account #: 520.790.715.75620 (Water/Sewer Capital Reserve Fund)  
Project #: SA 20 02a

**BACKGROUND/RECOMMENDATION:**

Has Recommended Bidder Worked for Village Previously X Yes \_\_\_\_\_ No  
If yes, was quality of work acceptable \_\_\_\_\_ Yes \_\_\_\_\_ No  
Was item bid in accordance with Public Act 85-1295? \_\_\_\_\_ Yes \_\_\_\_\_ No  
Waiver of bids - Public Act 85-1295 does not apply X Yes

**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 12:00 noon, Wednesday, prior to the Board Agenda distribution.**

**MEMORANDUM**

**To:** Scott Niehaus, Village Manager  
**From:** Brian M. Jack, Utilities Superintendent  
**Through:** Carl S. Goldsmith, Director of Public Works  
**Date:** April 1, 2019  
**Subject:** **Waiver of Bids – McIntire Management Group**  
Little John Digester for Yorktown Lift Station

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**Background**

To address grease and odor issues related to the Yorktown Lift Station, the Water Treatment and Wastewater Pumping Division (WTWWP) sought out numerous potential solutions to alleviate the Fats, Oils and Grease (FOG) and Hydrogen Sulfide (H<sub>2</sub>S) issues, i.e. rotten-egg odor that plagues the Yorktown Lift Station wet well and force main at 613 Maxant Drive (located at the south end of Convention Way north of the Westin Hotel).

Flow from the station is pumped through approximately 3,275 feet of force main to a gravity interceptor sewer along 22<sup>nd</sup> street. This lift station is a critical component to the surrounding area taking in large volumes of wastewater from Yorktown Mall, the Highlands of Lombard, and the Highland Estates Lift Stations. In 2017, an additional lift station was constructed to accommodate the increased flow from the Yorktown Commons new development. The Yorktown Commons Lift Station was built after a flow monitoring study conducted by Baxter and Woodman Consulting Engineering revealed that the current Yorktown Lift Station was already operating at maximum capacity.

In addition to the large volume of wastewater pumped each day from this facility, WTWWP for many years has had to deal with FOG issues. FOG continues to be a major problem at this station which jeopardized pump performance. Hydrogen sulfide odor issues are also a problem at this location creating pungent odors, especially during the summer months. Each year approximately \$10,000 worth of chemical degreaser is purchased and added to the wet well in an attempt combat the FOG creation in the station. WTWWP staff also routinely cleans the wet well with high pressure water to break down the FOG before pumping issues occur. Staff also contracts with Xylem Water Solutions to annually remove the pumps from the station to inspect each of the four pumps for signs of damage or degradation from the FOG and H<sub>2</sub>S.

After researching various solutions and products, WTWWP identified two patented solutions that could be installed in the wet well to eliminate the FOG and odor issues. The two systems are The Little John Digester and the Vapex Nano XL. Each system uses patented technology to remove FOG, eliminate grease build up and matting, remove sludge build up, reduce H<sub>2</sub>S gases, and reduce the rate of corrosion inside the wet well. The other added benefit to each of these systems is the elimination of chemical treatment each year along with prolonging the life of the wet well structure and pumps.

Since 2016, WTWWP spent numerous hours meeting with each vendor and making site visits to Fisher, Indiana and Taylorville, Illinois to view each of these systems in action. Staff discussed the pros and cons with other agencies and received positive feedback for each system. Additional references were contacted and favorable seemed to be the theme offered by other communities who deployed each system. Decreased FOG production, elimination of H<sub>2</sub>S, lower operating costs, decreased chemical costs and fewer pump repairs were identified as the main benefits of each of the systems.

### Discussion

To expedite construction and to minimize construction observation time, the Public Works Department directly solicited a proposal from two pre-selected qualified contractors who specialize in these patented technologies. Documents and a scope of work were developed specifically for Yorktown Lift Station and sent to the McIntire Management Group (Little John Digester) and Flow Technics (Vapex System).

The following two (2) firms submitted a proposal:

SUPPLIER	TYPE OF SYSTEM	TOTAL
McIntire Management Group of Kansas City, MO	Little John Digester	\$44,736.00
Flow Technics of Frankfort, IL	Vapex Nano XL	\$92,700.00

The proposals were checked to ensure that the suppliers were providing the needed and necessary equipment. One con with the Vapex System is that it requires a water source for their process to work. The Little John Digester does not and strictly uses outside air to complete their process. Significant dollars would need to be spent to install a water line to the Vapex unit. The Water Treatment and Wastewater Pumping Division requests that we waive the formal bidding process and accept the lowest, responsible proposal for the Little John Digester for Yorktown Lift Station from McIntire Management Group of Kansas City, MO and authorize an agreement to pre-purchase the system in an amount not to exceed \$44,736.00. McIntire Management Group supplied the air release valves for the Fairview Lift Station force main project in 2018. They were accommodating and easy to work with and their product has performed well. They are considered a reliable and responsive vendor.

The budgeted amount for this procurement is in the 2020 CIP. In discussions with McIntire Management Group, they offered to pre-purchase the system for the Village in 2019 with the understanding that they would not receive payment for the system until 2020. The company is taking a proactive approach in helping the Village benefit from the new system immediately by having it installed in 2019. FOG and odor issues would be eliminated and chemical costs in the operating budget for 2019 and future years could be reduced or eliminated. WTWWP would also perform all electrical and mechanical work in 2019 for this project in an effort to save additional funds. The Village Board would need to agree to the pre-purchase option. The proposal offered by McIntire Management Group is priced accordingly assuming 2020 dollar figures. An additional memo would be sent to the Board in January of 2020 authorizing payment for the system.

The return on investment for this equipment will be approximately five years due to reduced chemical treatment.

**Recommendations:**

Please request the Board of Trustees to waive the formal bidding process and accept the lowest, responsible proposal for the Little John Digester for Yorktown Lift Station from McIntire Management Group of Kansas City, MO and authorize a pre-purchase agreement in an amount not to exceed \$44,736.00 at the April 18<sup>th</sup>, 2019 meeting. Sufficient funds for this procurement exist in the current budget in account 520.790.715.75420 SA 20 02a.

Please execute signature on the attached contract and return two copies to the Water Treatment and Wastewater Pumping Division for further processing.

## VILLAGE OF LOMBARD

### Contract for the Little John Digester for Yorktown Lift Station

This agreement is made this 18th day of April, 2019, by and between, and shall be binding upon, the Village of Lombard, an Illinois municipal Corporation hereinafter referred to as (the "Village") and (\_\_\_\_\_) 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:

Little John Digester for Yorktown Lift Station in an amount not to exceed \$44,736.00

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 #1449 dated March 14th, 2019
  - b. Required Certificate of Insurance, Indemnification, Venue, Other Contractor Responsibilities
2. The Village agrees to pay for the system in January 2020, and the Contractor agrees to accept as full payment for the items which are the subject matter of this Contract the total sum of \$44,736.00 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.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by Village President, and the Contractor have hereunto set their hands this 18<sup>th</sup> day of April, 2019.

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 18<sup>th</sup> day of April, 2019.

\_\_\_\_\_  
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:

I \_\_\_\_\_ (Officer or Owner of Company) am the \_\_\_\_\_ for \_\_\_\_\_ (Title) \_\_\_\_\_ (Name of Company)

(the "Contractor"), which has submitted a proposal for the Little John Digester for Yorktown Lift Station 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 \_\_\_\_\_, 2019.

Notary Public



# MCINTIRE MANAGEMENT GROUP

Representing only the Best  
120 E. 15th Ave  
N. Kansas City, MO 64116  
PH) 816-746-6669  
FX) 816-746-8264

# Quote

Date	Estimate #
3/14/2019	1449

Name / Address
Village of Lombard Yorktown Lift Station Lukas Sharp

Description	Qty	Cost	Total
<p>3HP Little John Digester with AOP (UL/Ozone) Prewired 480v three phase softstart motor starter with lock out switch 25' of 1.5" Hose with SS Cam Lock Fittings 8ea 3g UV Ozone Tubes Splitter with Additional Hose 10' Additional 3 HP LJ Digester Body Aluminum Housing</p> <p>McIntire Management Group upon receipt of written approval from Village of Lombard will purchase the above LJD unit on behalf of the Village and deliver 4-6 wks after receipt of approval. Village of Lombard will have until December 31st 2019 to evaluate the unit. If unit is performing per Village's expectations, Invoice will be paid no later than Jan 31st 2020.</p> <p>Please find attached Operation and Maintenance manual as well as installation instructions. MMG will supply suggested placement locations in the wetwell for the LJD digester heads (2ea). RWS (Mfg) will provide assistance via telephone for any questions during installations, as well MMG personnel will be on site day of installation to view process.</p> <p>Village will supply all Electrical components from wire "pigtail" supplied with LJD, any prewiring to connection location on exterior of pump station control bldg as well as providing a certified electrician to make all connections. Village will provide any modifications (Core holes in top 2ea 4" ID min) to wetwell top, conduit and fittings if needed to facilitate insertion of hoses through the top of the wetwell to connect to LJD digester heads (2ea) to be placed in locations at bottom of wetwell and back to blower unit.</p> <p>Unit comes with full 1year warranty from installation date. Price is FOB Lombard IL 4-6 wks ARO 3g AOP/UV Tubes have a 2 year life, replacement tubes Replacement 3g UV Ozone Tubes 4-6wks ARO</p>	1	41,576.00	41576.00
	8	395.00	3,160.00

<b>Total</b>	<b>\$44,736.00</b>
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