

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 Neihaus, Village Manager
DATE : April 11, 2016 Agenda Date April 21, 2016
TITLE : Waiver of Bids - Flolo Corporation
North Broadway Interim Pump Station Control Cabinet
SUBMITTED BY: Brian M. 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Were Any Bids Withdrawn _____ Yes _____ No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: Purchase is directly from manufacturer.
Award Recommended to Lowest _____ Yes _____ No
Responsible Bidder?
If no, explain:

FISCAL IMPACT:

Engineer's estimate/budget estimate \$115,000.00 Amount of Award \$98,282.00
Water & Sewer Capital Reserve Fund: 520.790.715.75420 Proj: SS 15 01 Construction

BACKGROUND/RECOMMENDATION:

Waive bids and award a contract to Flolo Corporation for the purchase of one pump station control cabinet for North Broadway Interim Pump Station in an amount not to exceed \$98,282.00.

Has Recommended Bidder Worked for Village Previously _____ X Yes _____ No
If yes, was quality of work acceptable _____ X Yes _____ No
Was item bid in accordance with Public Act 85-1295? _____ Yes _____ X 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 4:30 pm, Wednesday, prior to the Board Agenda distribution.



MEMORANDUM

To: Scott Niehaus, Village Manager

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

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

Date: April 11, 2016

Subject: Waiver of Bids - The Flolo Corporation
North Broadway Interim Pump Station - Control Panel Replacement

Background

In 2000, the Village developed a standard control panel for lift station construction which is built by The Flolo Corporation (Flolo), Bensenville, IL. Although not every control panel is identical due to pumping requirements, the layout is the same which aids in troubleshooting and many of the components are interchangeable which reduces parts inventory. North Broadway Interim Pump Station is a new storm water pumping station that is one of the last components of a sewer separation project and will aid in eliminating storm water from the combined sewer system and mitigate the potential for basement backups in a heavy rain event. The work to install and integrate this control cabinet into our existing SCADA system will be bid under a separate contract.

Flolo has submitted a quote for the construction of the control panel in the amount of \$98,282.00. By purchasing the control panel outright, the Village is saving approximately 15% (or \$15,000) and avoiding contractor markup. Scheduling and coordination of the delivery will be handled by the Village's consultant for the project.

Funds for the control panel are budgeted in the Water & Sewer Capital Reserve Fund: 520.790.715.75420 Proj: SS 15 01 Construction.

Recommendation

Please request the Board of Trustees to waive bids and award a contract in an amount not to exceed \$98,282.00 for the construction of a control panel for the North Broadway Interim Pump Station to The Flolo Corporation of Bensenville, IL at their April 21st, 2016 meeting.

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 Purchase of a Control Panel Replacement for the North Broadway Interim Pump Station

This agreement is made this 21st day of April, 2016, by and between, and shall be binding upon, the Village of Lombard, an Illinois municipal Corporation hereinafter referred to as (the "Village") and (The Flolo Corportion of Bensenville, IL) 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:

New Control Panel – One (1) UL Listed Pump Control Panel for the North Broadway Interim Pump Station in an amount not to exceed \$98,282.00

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 Quotation #15.43.03.84.0082 – Rev. 3 Dated February 23, 2016
 - 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 \$98,282.00 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.
5. Where the terms of this Contract conflict with the provisions of the Contract Documents, the Contract Documents shall be binding.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by Village President, and the Contractor have hereunto set their hands this 21st day of April, 2016.

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 _____, 2016.

Individual or Partnership _____ Corporation _____

By Position/Title

By Position/Title

Print Company Name

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this 21st day of April, 2016.

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 quote for Control Panel for North Broadway Interim Pump 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 _____, 2016.

Notary Public

The Flolo Corporation - Systems Group

February 23, 2016

Quotation # 15.43.03.84.0082 - Rev. 3
3 page(s)

Mr. Anthony Malone Mr. Lucas Sharp
ESI Consultants, Ltd. Village of Lombard
1979 N. Mill Street, Suite 100 1051 Hammerschmidt Ave.
Naperville, IL 60563 Lombard, IL 60148

Re: North Broadway Project

Dear Mr. Anthony Malone and Mr. Lucas Sharp,

Thank you for giving The Flolo Corporation, Flolo Systems Group the opportunity to provide ESI Consultants, Ltd. and Village of Lombard with this budgetary proposal for new pump control panels and drives. This revision changes the pump drive HP's. Under this proposal Flolo will supply the following:

1. **UL Listed Pump Control Panel** mounting indoors based:
 - 1 - NEMA 12 painted mild steel wall-mount control panel
 - 1 - Through door disconnect - 115 VAC, 1 Ph., 60 Hz. from lighting panel
 - 1 - A/R AB 1489-A1 control circuit branch circuit breakers
 - 1 - 24VDC, 5 Amp power supply
 - 2 - Install Flygt MAS 711 modules - *Modules supplied by others - Pump Supplier*
 - 1 - Install Flygt miniCAS modules - *Modules supplied by others - Pump Supplier*
 - 1 - Allen Bradley MicroLogix 1400 PLC with:
 - 1 - 1766-L32BXBA PLC Brick
 - 2 - 1762-IQ16 discrete input module
 - 1 - 1762-OX6I relay output module
 - 1 - 1762-IF4 analog input module
 - 1 - 1762-OF4 analog output module
 - 1 - 1761-NET-AIC
 - 1 - N-Tron 5-port switch
 - 1 - Maple Systems HMI5100L 10.4" HMI w/ cable
 - 1 - As required plug-in interface/logic relays
 - 1 - Radio modem - *Supplied and installed by SCADA Supplier*
 - 7 - Pilot Lights [push-to-test]
 - Pump #1 Run
 - Pump #1 Fail
 - Pump #2 Run
 - Pump #2 Fail
 - Dewatering Pump Run ♦
 - Dewatering Pump Fail ♦
 - PLC Running
 - 3 - Selector Switches
 - * Pump #1 - Hand / Off / Auto
 - * Pump #2 - Hand / Off / Auto
 - * Pump Lead/Lag - 1-2 / 2-1
 - * Dewatering Pump -- Off / On ♦
 - 2 - Pump Manual Speed potentiometers
 - 1 - PR Electronics 4-20 mA single channel intrinsically safe barrier for level sensor
 - 2 - PR Electronics discrete input intrinsically safe barrier for (2) float switches
 - 1 - 4-20 mA signal isolator for wet well level

- 1 - Battery voltage level transmitter (4-20 mA to analog input)
- 2 - HASE - HZS12-18 12 volt sealed batteries & battery box
- 1 - ChargeTek 500 24VDC dual battery auto sense charger
- 1 - As required terminals for field wiring

Ship Loose Items

- 2 - Siemens A1000i loop powered level transducer scaled to 0 -30' water, 80' sensor cable, breather assembly kit, and suspension system with 30' of stainless steel chain. (1) for use in project and (1) is spare.
- 2 - Float switches with 80' cords
- 1 - Set of spare fuses used in panel

2. **UL Listed Monitoring Control Panel** mounting outdoors based upon:

- 1 - NEMA 4X 304 Stainless steel wall-mount control panel with pole mount hardware
- 1 - Interior disconnect - 115 VAC, 1 Ph., 60 Hz. from service entrance disconnect
- 1 - Enclosure interior heaters
- 1 - A/R AB 1489-A1 control circuit branch circuit breakers
- 1 - 24VDC, 5 Amp power supply
- 1 - Allen Bradley MicroLogix 1400 PLC with:
 - 1 - 1766-L32BXBA PLC Brick
 - 1 - 1762-IF4 analog input module
 - 1 - 1761-NET-AIC
- 2 - Radio modem - ***Supplied and installed by SCADA Supplier ♦***
- 1 - Install ISCO UL Listed Flow Transmitter - ***Supplied by others ♦***
- 1 - Battery voltage level transmitter (4-20 mA to analog input)
- 2 - HASE - HZS12-18 12 volt sealed batteries & battery box
- 1 - ChargeTek 500 24VDC dual battery auto sense charger
- 1 - As required terminals for field wiring

3. **UL Listed 7.5HP Dewatering Pump VFD** mounting indoors based:

- 1 - NEMA 12 enclosure
- 1 - Main fusible disconnect - 460 VAC, 3 Ph., 60 Hz.
- 1 - ABB ACS550 VFD rated 7.5HP Heavy Duty @ 460VAC

Your price for Items 1, 2 and 3 above described scope of supply and a limit of 16 hours of engineer's time for system start-up and training on the equipment. **\$ 47,894.00**

4. **ABB Ultra-Low Harmonics VFD's** mounting indoors based:

- 1 - NEMA 12 painted mild steel ventilated floor-mount enclosure
- 1 - Main fused disconnect - 460 VAC, 3 Ph., 60 Hz.
- 1 - ACS800-37 low harmonic VFD rated 150HP normal duty, 192 motor amps
- 1 - No drive mounted operator devices quoted

Your price for Item 4 above described scope of supply and a limit of 8 hours of engineer's time for each drive for start-up and training on the equipment. **\$25,194.00 each \$ 50,388.00**

Options:

O.1. None.

Notes:

- N.1. PMI 7300-ION 3-Phase Power Meter (24 VDC power supply) w/ fuse protection & CT's to be supplied by the electrical contractor in the Power Distribution Panel. 24VDC supply to come from control panel.
- N.2. Quoted VFD does not have output contactors.
- N.3. ISCO level/flow sensor is not a part of this offer.

- N.4. Radio modems in their entirety is not a part of this offer.
- N.5. PLC and HMI programs will be supplied by Lombard or its contractor.
- N.6. Installation contractor to accept, unload and set equipment at the job site. The installation contractor will store and protect all shipped loose parts.
- N.7. Installation contractor to pipe, wire and make all connections to the panel.

Quotation # 15.43.03.84.0082 - Rev. 3

Quotation Valid for 60 Days

Delivery Drawings: 04 -- 05 Working Weeks ARO

Delivery Equipment: 08 -- 10 Working Weeks ARA

Terms: To be determined

Maximum Terms: Net 30 Days

Freight Allowed to location in Lombard

Respectfully,

THE FLOLO CORPORATION

Michael R. McBlaine

Michael R. McBlaine
Director of Engineering
Flolo Systems Group
Ph: 1.630.422.4940

cc: George Flolo -- TFC
Dennis Lamb -- TFC

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