

VILLAGE OF GILBERTS

RESOLUTION 26-2022

A RESOLUTION AUTHORIZING APPROVAL OF THE PURCHASE OF TEN FLYGT PUMPS FROM XYLEM WATER SOLUTIONS FOR PUMP REPLACEMENTS IN A TOTAL AMOUNT NOT TO EXCEED \$220,000

WHEREAS, the Village of Gilberts (“Village”) has numerous pumps at the wastewater treatment plant, water treatment plant and lift stations; and

WHEREAS, funds were included in the FY2023 Budget for the purchase and replacement of pumps at the wastewater and water treatment plants, and at lift stations utilizing ARPA funds; and

WHEREAS, the Village began a uniform pump replacement pump plan using Flygt Pumps in the fiscal year ending in 2022; and

WHEREAS, Xylem Water Solutions is the sole manufacturer of Flygt Pumps in the United States; and

THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF GILBERTS, ILLINOIS, as follows:

Section 1. Recitals. The recitals set forth above are hereby incorporated into and made a part of this Resolution as though set forth in this Section 1.

Section 2. Approval; Authorization. The Village Board of Trustees hereby authorizes the Village Administrator to execute agreements and other necessary documents with Xylem Water Solutions for the purchase and installation of ten (10) Flygt Pumps at various facilities throughout the Village in a total amount not-to-exceed \$220,000.

Section 3. Waiver of Competitive Bidding. To the extent any competitive bidding requirements apply to the agreements with Xylem Water Solutions, such competitive bidding requirements are hereby waived pursuant to Section 8-9-1 of the Illinois Municipal Code (65 ILCS 5/8-9-1).

Section 4. Effective Date. This Resolution shall be in full force and effect after its approval in the manner provided by law.

PASSED BY VOTE OF THE BOARD OF TRUSTEES of the Village of Gilberts, Kane County, Illinois, this 17 day of May 2022.

	<u>Ayes</u>	<u>Nays</u>	<u>Absent</u>	<u>Abstain</u>
Trustee Dave LeClercq	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trustee Dan Corbett	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trustee Justin Redfield	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trustee Jeanne Allen	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trustee Lou Hacker	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trustee Brandon Coats	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
President Guy Zambetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

APPROVED THIS 17 DAY OF May, 2022



Village President, Guy Zambetti



ATTEST: 

Courtney Baker, Village Clerk



**Xylem Water Solutions USA, Inc.
Flygt Products**

April 29, 2022

VLG OF GILBERTS
87 GALLIGAN RD
GILBERTS IL 60136-9015

9661 194th Street
Mokena, IL 60448
Tel (708) 342-0484
Fax (708) 342-0491

Quote # 2022-CHI-0403
Project Name: Gilberts WWTF
Job Name: 2022-Complete Xylem Proposal

Attn: Zach Reumelin

Hello Zach,

Xylem Water Solutions USA, Inc. is pleased to provide a quote for the following Flygt equipment and turnkey services described below

Quote includes supply, installation, and startup for the plant pump and controll upgrades as described below:

Part 1 - RAS Pump Turnkey Retrofit incl. 2x 10HP Concertor DP Flygt pumps & 1 Jogwheel HMI

2 - 4" 460V FM rated 10HP Concertor pumps, with bolt on Fairbanks Morse slide bracket

Original pumps were sized to operate at Design Duty Point: **700 gpm, 12' TDH**

While 5.5HP Concertor would cover this duty point, we have upsized the pump to 10HP to cover future flow increases.

Pumps can also be set to meet Decant and Digester Duty points of **500 gpm @ 30' TDH**

- 1 - Basic Jogwheel HMI (FOP 315)
- 2 - DP Gateway
- 2 - Cable Grip
- 2 - Backup SafeSmart relays
- 2 - Chain Shackles (to use with existing chain)

Installation and startup of all equipment.

Part 2 - Digester Concertor N Retrofit x 2

2 - 4" 460V FM rated 5.5HP Concertor pumps, with bolt on Fairbanks Morse slide bracket

Pumps are sized to operate at Design Duty Point: **500 gpm @ 30' TDH**

- 2 - MiniCAS for seal fail and overtemp monitoring (120V Power)
- 2 - MiniCAS sockets
- 2 - Cable Grips
- 2- Surge protection kit (1 each panel)
- 2 - Chain Shackles (to use with existing chain)

Installation and startup of all equipment.

Part 3 - Decant Concertor N Retrofit x 2

2 - 4" 460V FM rated 5.5HP Concertor pumps, with bolt on Fairbanks Morse slide bracket

Pumps are sized to operate at Design Duty Point: **500 gpm @ 30' TDH**

- 2 - MiniCAS for seal fail and overtemp monitoring



- 2 - MiniCAS sockets
 - 2 - Cable Grips
 - 1- Surge protection kit
 - 2 - Chain Shackles (to use with existing chain)
- Installation and startup of all equipment.

Part 4 - Water Plant Backwash Pumps

- 2 - 3" 460V FM rated **10HP** Flygt Concertor N pumps
- Pumps are sized to operate at the known BEP of the existing Gorman Rupp pumps: **220 gpm @ 94' TDH**

These pumps are also suitable to be used for the Decant and Digester locations, but will not meet the RAS duty point.

- 2 - MiniCAS for seal fail and overtemp monitoring
 - 2 - MiniCAS sockets
 - 2 - Cable Grips
 - 1 - Surge protection kit
 - 2 - Custom made 3x4 flange adapters and bolt on 4" slide brackets
- Installation and startup of all equipment.

GENERAL:

QTY 2 - PCM modules to allow pumps to be re-set to any duty point within its Concertor N curve. *(including the RAS Duty point of **700 gpm, 12' TDH**)*

Part 5 - Telluride LS Retrofit

- 2 - 6" 460V FM rated **25HP** Flygt NX 3171 pumps with ~436 impeller (50' cable)
 - 2 - New Bolt on 6" Fairbanks Morse Slide Bracket
- Pumps are sized to original Design Duty Point: **1250 gpm @ 50' TDH**
- 2 - MiniCAS for seal fail and overtemp monitoring
 - 2 - MiniCAS sockets
 - 2 - Cable Grips
 - 2 - Chain Shackles (to use with existing chain)
- Installation and startup of all equipment.

For All Proposals

Excluded from this quotation:

- Permit fee, taxes, utility fee, premium time, performance bond, and allowances.
- Excavation, backfill, concrete work
- SCADA modification and integration
- Installation and provision of conduit if existing found to not be reusable.
- Temp power and bypass pumping.
- Lifting chain (except what is provided for the digester pumps)
- Anything else not quoted below or noted above

P1 - RAS Concertor DP 460V 10 HP FM Rated with accessories

Qty	Description
2	NX-4 MT/HC 10/380-480/3/CH FM+ 50' WC FLS
2	ADAPTOR UNIT,SLIDING BRACKET+ FAIRBANKS MORSE 4"
2	GRIP,CABLE SS 19-24MM
2	KIT,CHAIN FITTING 3067-3127+ 316SS



P1 - RAS Electrical Components

Qty	Description
2	GATEWAY,CONTROL CONCERTOR DP+ FPG 414 R2
1	PANEL,OPERATOR FOP315
2	RELAY,SAFE-FSP + THERMAL PROTECTION, NO KEY PAD
2	SUPPLY,BATTERY POWER, 55W, 24V TRICKLE CHARGE,DIN RAIL KIT

P1 - RAS Electrical Retrofit & System Startup

Qty	Description
	Scope to include <ul style="list-style-type: none">• Project design and management to successful completion• Disconnect (2) existing RAS pumps• Demo and remove (2) existing pump controllers.• Furnish and install (2) N4x disconnects on existing rack. Use existing 480v feeds to power new disconnects.• Remove existing control wiring from MCC to existing exterior RAS pump location.• Furnish and install (2) 2ctsp per RAS pump from MCC to J-box at RAS pump location through existing abandoned/spare conduit.• Demo and remove (2) existing VFD's, conduit and wiring.• Modify existing MCC buckets and furnish and install (2) 15a 480v shunt trip circuit breakers.• Install HMI (1), gateways (2), dc power supplies (2), FSP modules (2) in existing RAS buckets.• Installation of RAS pump cables with SS strain relief grips in existing conduit to new disconnects.• Power Terminations.• Assist systems integrator with terminations of control wiring (OKEH assumes utilizing existing hardwiring from SCADA/PLC.)• Start-up.
	EXCLUSIONS: <ul style="list-style-type: none">• Permit fee, taxes, utility fee, premium time, performance bond, and allowances.• SS strain relief grips.• SCADA modification and integration.• Installation and provision of conduit if existing found to not be reusable.• Excavation, backfill, concrete work.• Temp power and bypass pumping. (<i>Zach advised that 1 RAS pump can handle the operation while 1 pump is out of commission</i>)
1	Electrical installation and startup of above components, subcontracted. Quote ncludes SCOPE prepared by Okeh Electric based off Xylem's guidance and limited drawing availability. Xylem M&C and Service technician to commission software and pumps as each pump is installed.
20	AUTOMATION AND CONTROLS FIELD+ SPECIALIST SUPPORT
2	M&C SERVICE - PER DIEM + RENTAL CAR,FUEL,MEALS,HOTEL
6	LABOR,MOBILE FLYGT,NOTAX Z5-TP MODELS: 3000,7000,8000

P2 - Digester Concertor N 460V 5.5 HP FM Rated with accessories

Qty	Description
2	NX-4 MT/HC 5.5/380-480/3/CH+ FM 50' WC FLS
2	ADAPTOR UNIT,SLIDING BRACKET+ FAIRBANKS MORSE 4"



Qty	Description
2	GRIP,CABLE SS 19-24MM
50	CHAIN,3/16" 316L
2	KIT,CHAIN FITTING 3067-3127+ 316SS

P2 - Digester Panel Components

Qty	Description
2	MINI-CASII 120V
2	SOCKET,11 PIN OCTAL DIN MOUNT
2	KIT,SURGE PROTECTION 460V+ STRIKESORB

P2 - Installation & System Startup

Qty	Description
1	START UP,FLYGT,NO TAX 1-TP MODELS: 3000,7000,8000

P3 - Decant Concertor N 460V 5.5 HP FM Rated with accessories

Qty	Description
2	NX-4 MT/HC 5.5/380-480/3/CH+ FM 50' WC FLS
2	ADAPTOR UNIT,SLIDING BRACKET+ FAIRBANKS MORSE 4"
2	GRIP,CABLE SS 19-24MM
2	KIT,CHAIN FITTING 3067-3127+ 316SS

P3 - Decant Panel Components

Qty	Description
2	MINI-CASII 120V
2	SOCKET,11 PIN OCTAL DIN MOUNT
1	KIT,SURGE PROTECTION 460V+ STRIKESORB

P3 - Decant Installation & System Startup

Qty	Description
1	START UP,FLYGT,NO TAX 1-TP MODELS: 3000,7000,8000

P4 - Backwash Pump - Concertor N HT 460V 10HP FM rated w Accessories

Qty	Description
2	NX-3 HT/HC 10/380-480/3/CH FM+ 50' WC FLS
2	Custom 3x4 Discharge adapater & Slide bracket to fit existing elbow
2	GRIP,CABLE SS 19-24MM

P4 - Backwash Panel Components

Qty	Description
2	MINI-CASII 120V
2	SOCKET,11 PIN OCTAL DIN MOUNT
1	KIT,SURGE PROTECTION 460V+ STRIKESORB

P4 - Backwash - Installation & System Startup

Qty	Description
1	START UP,FLYGT,NO TAX 1-TP MODELS: 3000,7000,8000



P2, P3, P4 - Concertor Pump Communication Module

Qty	Description
2	øCONVERTER,COMMUNICATION + PCM001

P5 - Telluride LS Flygt NX3171 MT ~436 25HP460V FM 6"

Qty	Description
2	Flygt Model NP-3171.095 6" volute Submersible pump equipped with a 460 Volt / 3 phase / 60 Hz 25 HP 1750 RPM motor, 436 impeller, 1 x 50 Ft. length of SUBCAB 4G25+S(2x0,5) submersible cable, FLS leakage detector, volute is prepared for Flush Valve
2	ADAPTOR UNIT,SLIDING BRACKET+ FAIRBANKS MORSE 6"
2	GRIP,CABLE SS 25-36MM
2	KIT,CHAIN FITTING 316SS+ FLYGT SWL1250#

P5 - Telluride Panel Components

Qty	Description
2	SOCKET,11 PIN OCTAL DIN MOUNT
2	MINI-CASII/FUS 120/24VAC,24VDC

P5 - Installation & System Startup

Qty	Description
7	LABOR,MOBILE FLYGT,NOTAX Z5-TP MODELS: 3000,7000,8000

Total Price \$ 203,414.00

Freight Charge \$ 5,100.00

Total Price \$ 208,514.00

Terms & Conditions

This order is subject to the Standard Terms and Conditions of Sale – Xylem Americas effective on the date the order is accepted which terms are available at <http://www.xylem.com/en-us/Pages/terms-conditions-of-sale.aspx> and incorporated herein by reference and made a part of the agreement between the parties.

Purchase Orders: Please make purchase orders out to: Xylem Water Solutions USA, Inc.

Freight Terms: 3 DAP - Delivered At Place 08 - Jobsite (per IncoTerms 2020)
See Freight Payment (Delivery Terms) below.

Taxes: State, local and other applicable taxes are not included in this quotation.

Back Charges: Buyer shall not make purchases nor shall Buyer incur any labor that would result in a back charge to Seller without prior written consent of an authorized employee of Seller.

Shortages: Xylem will not be responsible for apparent shipment shortages or damages incurred in shipment that are not reported within two weeks from delivery to the jobsite. Damages should be noted on the receiving slip and the truck driver advised of the damages. Please contact our office as soon as possible to report damages or shortages so that replacement items can be shipped and the appropriate claims made.

Validity: This Quote is BUDGETARY for order in 2022. Check back when closer to purchase for official pricing at the time.





- Time of Delivery:** At time of quotation, Approx. 4-5 working weeks after receipt of order for all items except the Telluride Station. Delivery of those pumps at 14-16 weeks. subject to change. Check for current delivery at time of order.
- Terms of Payment:** 100% N60 after invoice date.
Xylem's payment shall not be dependent upon Purchaser being paid by any third party unless Owner denies payment due to reasons solely attributable to items related to the equipment being provided by FLYGT.
- Terms of Delivery:** PP/Add Order Position

Thank you for the opportunity to provide this quotation. Please contact us if there are any questions.

Sincerely,

Jeff Garretson
Sales Representative
Phone: (708) 781-0172
Cell: (312) 343-6511
jeff.garretson@xylem.com

Clinton Stowe
Market Development Manager

clinton.stowe@xylem.com



Customer Acceptance

This order is subject to the Standard Terms and Conditions of Sale – Xylem Americas effective on the date the order is accepted which terms are available at <http://www.xyleminc.com/en-us/Pages/terms-conditions-of-sale.aspx> and incorporated herein by reference and made a part of the agreement between the parties.

A signed copy of this Quote is acceptable as a binding contract.

Purchase Orders: Please make purchase orders out to: Xylem Water Solutions USA, Inc.

Quote #: 2022-CHI-0403
Customer Name: VLG OF GILBERTS
Job Name: 2022-Complete Xylem Proposal
Total Amount: \$ 203,414.00
(excluding freight)

Signature: _____ Name: _____
(PLEASE PRINT)
Company/Utility: _____ PO: _____
Address: _____ Date: _____

Phone: _____

Email: _____

Fax: _____

