

**Action Requested/Required:**

- ☐ Vote/Action Requested  
☒ Discussion or Presentation Only  
☐ Public Hearing  
Report Date: \_\_\_\_\_  
Hearing Date: \_\_\_\_\_  
Voting Date: \_\_\_\_\_

**Department:** Community Development**Presenter(s) & Title:** Bethany Watson

City Engineer

**Agenda Item Title:**

Discussion and Possible Action for Emergency Pump Replacement at River Green 8 Lift Station repair costs from Xylem Water Solutions USA, Inc in the amount of \$147,611.06.

**Summary:**

Approximately 2 weeks ago, one of the two pumps at Lift Station River Green 8. Repair of the pump is more than 50% of the replacement costs and therefore Staff recommends replacing the pump. These pumps have been in place for over 25 years.

Xylem Water Solutions USA, Inc. will provide the following equipment, a Flygt NP 3231, 63-480 - 415 mm, Hard iron impeller and insert ring, Drive Unit, Standard motor Cooling jacket for direct media cooling, Standard connection housing, Insulated support bearing, Cables, Cable Grips, Material, Shaft, Stainless steel, Supervision, FLS leakage detector in junction box, FLS leakage detector in stator housing, PT-100 in one stator winding, PT-100 in lower bearing, and Pump memory.

**Budget Implications:**Budgeted? ☐ Yes ☒ No ☐ N/ATotal Cost of Project: \$ 147,611.06 Check if Estimated ☒Fund Source: General Fund ☐ Water & Sewer ☒ Sales Tax ☐ Other: \_\_\_\_\_**Staff Recommendations:**

Staff recommends approval for Emergency Pump Replacement at River Green 8 Lift Station repair costs from Xylem Water Solutions USA, Inc. in the amount of \$147,611.06.

**Reviews:**Has this been reviewed by Management and Legal Counsel, if required? ☒ Yes ☐ No**Attachments:**

River Green 8 Replacement Cost Estimate  
River Green 8 Repair Cost Estimate



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

November 15, 2024

90 Horizon Drive  
Suwanee, GA 30024  
Tel (770) 932-4320  
Fax (770) 932-4321

CITY OF CANTON  
151 ELIZABETH ST  
CANTON GA 30114

Quote # R2024-ATL-0244  
Project Name: Canton Pump Repairs  
Job Name: Laurel Canyon

3231.735-0261018

| Qty | Part Number | Description                            | Unit Price  | Extended Price |
|-----|-------------|----------------------------------------|-------------|----------------|
| 1   | 80 78 98    | KEY,PARALLEL 20X12X63MM SS             | \$ 80.75    | \$ 80.75       |
| 8   | 80 95 51    | STUD,M16 X 65 SS                       | \$ 56.95    | \$ 455.60      |
| 2   | 80 95 96    | STUD,M24 X 100 SS                      | \$ 85.00    | \$ 170.00      |
| 2   | 80 96 04    | STUD,M24 X 150 SS                      | \$ 53.55    | \$ 107.10      |
| 4   | 81 41 04    | SCREW,HEX M8 X 20 SS                   | \$ 3.95     | \$ 15.81       |
| 6   | 81 43 28    | SCREW,HEX M10 X 70 SS                  | \$ 5.57     | \$ 33.41       |
| 8   | 81 49 32    | SCREW,HEX M16 X 45 SS                  | \$ 9.35     | \$ 74.80       |
| 2   | 82 00 13    | SCREW,ALLEN M6 X 16 SS                 | \$ 8.12     | \$ 16.23       |
| 4   | 82 00 32    | SCREW,ALLEN M8 X 20 SS                 | \$ 3.95     | \$ 15.81       |
| 4   | 82 00 52    | SCREW,ALLEN M10 X 30 SS                | \$ 4.67     | \$ 18.70       |
| 6   | 82 00 69    | SCREW,ALLEN M12 X 30 SS                | \$ 6.38     | \$ 38.25       |
| 4   | 82 00 73    | SCREW,ALLEN M12 X 50 SS                | \$ 7.86     | \$ 31.45       |
| 6   | 82 00 74    | SCREW,ALLEN M12 X 55 SS                | \$ 7.95     | \$ 47.69       |
| 7   | 82 01 06    | SCREW,ALLEN M16 X 45 SS                | \$ 11.05    | \$ 77.35       |
| 4   | 82 23 63    | NUT,HEX M24 SS                         | \$ 35.70    | \$ 142.80      |
| 8   | 82 35 23    | WASHER,SS 17MM ID 30MM OD              | \$ 6.84     | \$ 54.74       |
| 1   | 83 21 33    | KIT,O-RING 3231/3306/3356              | \$ 180.20   | \$ 180.20      |
| 3   | 83 97 36    | SWITCH,THERMAL 140C                    | \$ 71.40    | \$ 214.20      |
| 1   | 84 59 12    | ASSEMBLY,LOCKING 55X85                 | \$ 396.10   | \$ 396.10      |
| 60  | 94 19 20    | CABLE,SUBCAB 12X1.5 19.7MM             | \$ 56.95    | \$ 3,417.00    |
| 120 | 94 19 85    | CABLE,SUBCAB 3X50+2G35/2+S(2X0.5) 36MM | \$ 77.35    | \$ 9,282.00    |
| 1   | 384 63 00   | RING,WEAR STATIONARY STEEL/NBR         | \$ 392.70   | \$ 392.70      |
| 1   | 504 78 09   | CABLE UNIT                             | \$ 178.50   | \$ 178.50      |
| 1   | 518 89 02   | DETECTOR,LEAKAGE UNIT FLS              | \$ 328.10   | \$ 328.10      |
| 1   | 551 54 00   | COVER,BEARING CI                       | \$ 1,184.05 | \$ 1,184.05    |
| 4   | 613 73 00   | LEAD-THROUGH UNIT                      | \$ 162.35   | \$ 649.40      |
| 1   | 621 10 04   | IMPELLER,C 440MM CI 3231               | \$ 9,593.10 | \$ 9,593.10    |
| 1   | 631 10 00   | RING,GUIDE CI                          | \$ 4,811.00 | \$ 4,811.00    |
| 1   | 648 55 00   | DETECTOR UNIT PT-100                   | \$ 341.70   | \$ 341.70      |
| 1   | 681 13 00   | LEAD-THROUGH UNIT                      | \$ 185.30   | \$ 185.30      |



| Qty                | Part Number  | Description                            | Unit Price   | Extended Price       |
|--------------------|--------------|----------------------------------------|--------------|----------------------|
| 1                  | 681 50 00    | HOUSING,BEARING UNIT                   | \$ 7,162.95  | \$ 7,162.95          |
| 1                  | 683 70 08    | ROTOR UNIT                             | \$ 28,141.80 | \$ 28,141.80         |
| 1                  | 725 08 00    | VOLUTE UNIT,HT 8" UVF CI               | \$ 17,917.15 | \$ 17,917.15         |
| 1                  | 839 95 08    | KIT,REPAIR BASIC                       | \$ 13,562.60 | \$ 13,562.60         |
| 35                 | 14-69 00 02A | LABOR,SVC FLYGT,NO TAX                 | \$ 140.00    | \$ 4,900.00          |
|                    |              | Z3-TP MODELS:                          |              |                      |
|                    |              | 3000,6000,7000,8000                    |              |                      |
| 1                  | 14-69 00 21D | ENV FEE >50HP TP                       | \$ 116.00    | \$ 116.00            |
|                    |              | ENVIRONMENTAL FEE                      |              |                      |
| 1                  | 14-69 00 24B | SHOP SUPPLIES-LARGE PUMPS TP MISC SHOP | \$ 111.00    | \$ 111.00            |
|                    |              | SUPPLIES FOR REPAIR                    |              |                      |
| 1                  | 843 57 16    | JACKET,COOLING UNIT                    | \$ 30,882.20 | \$ 30,882.20         |
| <b>Total Price</b> |              |                                        |              | <b>\$ 135,327.54</b> |

### 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.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.

**As of October 14, 2024, all orders must meet a minimum dollar value of \$1,200. Xylem reserves the right to refuse to process any order that does not meet the minimum order value requirement. Xylem will support order adjustments to meet the minimum order value threshold.**

**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.

**Terms of Payment:** 100% N30 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.

**Time of Delivery:** Approx. 14-16 working weeks after receipt of order.

**EX/FM Repair:** Please Note: This repair will be completed by an EX/FM trained technician



to retain qualifying status of the EX/FM designation. If your product is NOT repaired by an EX/FM Flygt manufacturer trained technician in an approved Xylem Flygt repair shop, that service will void the qualifying status of the EX/FM designation.

Sincerely,

Andrew Stephens  
Service Center Manager

Cell: 770-633-2244  
andrew.stephens@xylem.com





**Customer Acceptance**

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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 #: R2024-ATL-0244  
Customer Name: CITY OF CANTON  
Job Name: Laurel Canyon  
Total Amount: \$ 135,327.54  
(excluding freight)

|                        |                               |
|------------------------|-------------------------------|
| Signature: _____       | Name: _____<br>(PLEASE PRINT) |
| Company/Utility: _____ | PO: _____                     |
| Address: _____         | Date: _____                   |
| _____                  | Phone: _____                  |
| _____                  | Email: _____                  |
| _____                  | Fax: _____                    |



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

November 22, 2024

90 Horizon Drive  
Suwanee, GA 30024  
Tel (770) 932-4320  
Fax (770) 932-4321

CITY OF CANTON  
151 ELIZABETH ST  
CANTON GA 30114

Quote # 2024-ATL-0770 Alternate 1, Version 3  
Project Name: City of Canton  
Job Name: RIVER GREEN REPLACEMENT

Xylem Water Solutions USA, Inc. is pleased to provide a quote for the following Flygt equipment.

**OPTION ONE/C-PUMP REPLACEMENT**

| Qty | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | Flygt CP 3231, 63-430, 440 mm<br>Intended for semi permanent wet installation, guiding claw included other installation components to be ordered individually<br>Cast iron impeller<br>Drive Unit: 735<br>4 pole, 250 hp, 460 V, Std motor<br>Cooling jacket for direct media cooling<br>Standard connection housing<br>Insulated support bearing<br>Cables (2- 50' power/ 1-50' pilot)<br>Cable Grips<br>Material<br>Shaft: AISI 431 Stainless steel<br>Supervision<br>FLS, leakage detector, in junction box<br>FLS, leakage detector, in stator housing<br>PT-100 in one stator winding<br>PT-100 in lower bearing<br>Pump memory<br>**Price based on customer using existing minicas |

|   |                              |                               |
|---|------------------------------|-------------------------------|
| 1 | START UP, FLYGT, NO TAX      | 1-TP MODELS: 3000, 7000, 8000 |
| 1 | SHIPPING AND HANDLING-NO TAX |                               |

**OPTION ONE/C-PUMP REPLACEMENT Price USD \$ 130,987.97**

**OPTION TWO/N-PUMP REPLACEMENT**

| Qty | Description |
|-----|-------------|
|-----|-------------|



|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Qty | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1   | <p>Flygt NP 3231, 63-480, 415 mm</p> <p>Intended for semi permanent wet installation, guiding claw included other installation components to be ordered individually</p> <p>Hard iron impeller and insert ring</p> <p>Drive Unit: 735</p> <p>4 pole, 250 hp, 460 V, Std motor</p> <p>Cooling jacket for direct media cooling</p> <p>Standard connection housing</p> <p>Insulated support bearing</p> <p>Cables (2-50' power/ 1-50' pilot)</p> <p>Cable Grips</p> <p>Material</p> <p>Shaft: AISI 431 Stainless steel</p> <p>Supervision</p> <p>FLS, leakage detector, in junction box</p> <p>FLS, leakage detector, in stator housing</p> <p>PT-100 in one stator winding</p> <p>PT-100 in lower bearing</p> <p>Pump memory</p> <p>***Price based on using customers existing minicas</p> |

|   |                              |                             |
|---|------------------------------|-----------------------------|
| 1 | START UP,FLYGT,NO TAX        | 1-TP MODELS: 3000,7000,8000 |
| 1 | SHIPPING AND HANDLING-NO TAX |                             |

**OPTION TWO/N-PUMP REPLACEMENT Price USD      \$ 147,611.06**

#### Terms & Conditions

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**As of October 14, 2024, all orders must meet a minimum dollar value of \$1,200. Xylem reserves the right to refuse to process any order that does not meet the minimum order value requirement. Xylem will support order adjustments to meet the minimum order value threshold.**

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchase Orders:</b> | Please make purchase orders out to: Xylem Water Solutions USA, Inc.                                                                                                                                                                   |
| <b>Freight Terms:</b>   | 3 DAP - Delivered At Place 08 - Jobsite (per IncoTerms 2020)                                                                                                                                                                          |
|                         | See Freight Payment (Delivery Terms) below.                                                                                                                                                                                           |
| <b>Taxes:</b>           | State, local and other applicable taxes are not included in this quotation.                                                                                                                                                           |
| <b>Back Charges:</b>    | 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.                                                        |
| <b>Shortages:</b>       | 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 valid for thirty (30) days.

**Terms of delivery:** Freight PP/Line Item

**Time of delivery:** Approx. XX working weeks after release of order.

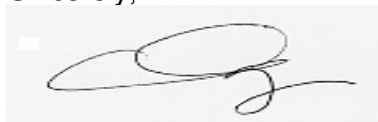
**Terms of payment:** 100% N60 after invoice date – upon acceptance of purchase order and credit review

**Please note:** If this is an FM Factory certified product it must be serviced by an EX/FM Flygt manufacture trained technician through an approved Xylem Flygt repair shop to retain qualifying status of product to retain the "EX/FM" designation.

Our current delivery lead-times are forecasted estimates only due to the outbreak of the COVID-19 virus pandemic and its global effects on commerce, supply chain, and logistics. Xylem will, however, use all commercially reasonable efforts to minimize any delivery delay impacts.

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

Sincerely,



Kirsten Royals  
Senior Customer Support Coordinator

Cell: 404-831-4726  
kirsten.royals@xylem.com  
Fax: 770-932-4321



**Customer Acceptance**

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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 #: 2024-ATL-0770 Alternate 1, Version 3  
Customer Name: CITY OF CANTON  
Job Name: RIVER GREEN REPLACEMENT  
Total Amount:  
(excluding freight)

|                        |                               |
|------------------------|-------------------------------|
| Signature: _____       | Name: _____<br>(PLEASE PRINT) |
| Company/Utility: _____ | PO: _____                     |
| Address: _____         | Date: _____                   |
| _____                  | Phone: _____                  |
| _____                  | Email: _____                  |
| _____                  | Fax: _____                    |