



where people matter

City of Loganville

Public Utilities
Brandon Phillips
Director

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Staff Report Department of Public Utilities

To: Honorable Mayor Baliles, and Members of the City Council

Through: Danny Roberts, City Manager

From: Brandon Phillips, Director of Utilities

Date: September 11, 2025

Subject: Treatment Facility Influent Pump Station Electrical Repair

RECOMMENDATION:

The Utilities Department recommends that City Council approve Russell Hatcher Electrical Inc. to perform the repairs to the influent pump station junction boxes and conductors.

FISCAL IMPLICATION:

We requested quotes from three companies for this repair, and Russell Hatcher was the least expensive quote. One company failed to get us an estimate in a reasonable timeframe. We have used Russell Hatcher Electrical many times in the past, and we are confident in their work.

Total costs for the repair is \$19,900.00.

Line item 505-4300-522205

BACKGROUND:

There are four junction boxes for the electrical system at the influent pump station. Due to the junction boxes being undersized, overtime the vibrations from equipment caused one of the main power conductors to rub against the junction box. This caused the wire to arch and damage one of the boxes, and caused the main power supply to trip. The existing junction boxes are galvanized and rusting, and must be replaced with stainless steel and brought up to city code. The influent pump station and equipment were installed in 1999, and are original to the treatment plant from when it was constructed.

Russell Hatcher Electric, Inc.
86 Enterprise Lane, Cleveland GA, 30528

Electrical quote

Loganville WTP Influent Pump Box Replacement

Included in scope:

1. Replace all four pump connection boxes with new 24"x24"x 8" 316 stainless steel enclosures with back pan and distribution blocks for power and pump connections. **This is because by NEC code the existing boxes are too small and are rusting out this is an electrical hazard.**
2. Install an air gap for each pump box to prevent gases from corroding conductors. **With the boxes being higher and made of Stainless steel this will extent the life of the electrical installation.**
3. Supply and install new power and control conductors from new pump boxes to junction box on side of influent station because existing conductors are too short. **This will clean up motor connections and make all pump boxes the same to help with maintenance and checking heat and connections**

Excluded from this scope:

Startup of pumps to check rotation.

Total Lump Sum \$19,900.00

Please call with any questions

Danny Power

Russell Hatcher Elec.

Kevin Barnett Electric

QUOTE

600 Loyd Road
Newborn, GA. 30056
678-449-7085

DATE 8/21/2025

FOR Electrical

City of Loganville

PO: Loganville Water Treatment Plant

Description	Amount
Unistrut 10ft \$43.65x12	\$523.80
Unistrut feet \$25.72x4	\$102.88
2" Unistrut clamps \$5.98 x16	\$95.68
1 ¼" Unistrut clamps \$3.97x16	\$63.52
Spring bolts, nuts, anchors ...	\$250.00
#4 THHN for ground 300 ft	\$300.00
2" rigid couplings \$8.68x16	\$138.88
2 port Polaris lugs \$25.00x24	\$600.00
3/0 copper \$7.50 per ft. 75 ft per run x 4	\$6,750.50
2" compression fittings \$20x16	\$320.00
2 Meyers hubs \$26 x 8	\$208.00
2 rigid 45 degree \$21x8	\$168.00
2 rigid 90 degree \$25.96x8	\$207.68
1 ¼ rigid 90 degree \$9.48x8	\$75.84
1 ¼ IMC \$41.00x12	\$492.00
1 ¼ rigid 45 degree \$12.73x8	\$540.00
2 IMC 10ft \$65x12	\$780.00
24x24x8 \$1279.00x4	\$5,116.00
Communication wire	\$1,500.00
Labor	\$15,000.00
Total Quote	\$33,232.78

Payment is due at the time services are rendered.

If you have any questions concerning this invoice, contact Kevin Barnett 678-449-7085

THANK YOU FOR YOUR BUSINESS!