



REGULAR MEETING AGENDA
Mapleton City Council Meeting
Wednesday, August 19, 2026 at 6:00 p.m.
Mapleton City Council Chambers
125 W 400 N, Mapleton, UT 84664

CALL TO ORDER—INVOCATION- PLEDGE OF ALLEGIANCE - MAYOR'S COMMENTS

PUBLIC FORUM: Members of the audience may bring to the attention of the Mayor and Council any item that is not on the agenda. Please sign in. Speakers are generally given two to three minutes, at the discretion of the Mayor, to address the Council. State law prohibits the Council from acting on items that do not appear on the agenda. **The Mayor reserves the right to amend the order of the agenda items and to delete items no longer required for consideration.**

PRESENTATION ITEM:

- **Recognition of Mapleton City Employees involved in Trench Rescue**
- **Swearing in of new Police Officers and Fire Engineer**

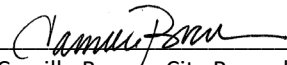
CONSENT AGENDA: Items on the consent agenda are routine in nature and do not require discussion or independent action. Members of the Council may ask to remove any items from the consent agenda to be considered individually. Unless that is done, one motion may be used to adopt all recommended actions. If the public has questions or comments regarding the consent agenda, please contact staff prior to the meeting.

1. Approval of City Council meeting minutes- August 5, 2026
2. Consideration of a Resolution to approve Total Power & Controls to upgrade the electrical and SCADA controls at the 2000 North Lift Station for \$66,995.80. *Rob Hunter, Public Works Director/City Engineer*

MAYOR, COUNCIL AND ADMINISTRATIVE REPORTS
ADJOURNMENT FROM REGULAR SESSION

CLOSED MEETING:

Mapleton City Council may adjourn the regular meeting and convene into a closed session pursuant to §52-4-205, as provided by Utah Code.


Camille Brown, City Recorder

The public is invited to participate in all Mapleton city council meetings. This meeting will also be streamed via You Tube at Mapleton City Meetings. There will be no public comment via You Tube viewing. The link for the meeting is: <https://www.youtube.com/channel/UCx8-QGmCOXWQOsZq8pGYrsAgenda>

THIS AGENDA IS SUBJECT TO CHANGE WITH A MINIMUM OF 24 HOURS NOTICE

A copy of the agenda was posted at the City Offices August 13, 2026, at 1:00 pm also delivered to the Mayor, City Council members. In compliance with the Americans with Disabilities Act, the city will make reasonable accommodations to ensure accessibility to this meeting. If you need special assistance to participate in this meeting, please contact the City Recorder at 801-806-9106 at least three working days prior to the meeting.



City Council Staff Report

Date:

August 19, 2025

Applicant:

Mapleton City Public Works

Location:

2000 N Lift Station

Prepared By:

Rob Hunter, City Engineer/
Public Works Director

Public Hearing:

No

Attachments:

Proposed scope and fee from
Total Power & Controls
Resolution

REQUEST

Approve Total Power & Controls to upgrade the electrical and SCADA controls at the 2000 N Lift Station for \$66,995.80.

BACKGROUND & DESCRIPTION

SCADA (Supervisory Control and Data Acquisition) systems send vital information from Public Works facilities (such as lift station, wells, and tanks) to the Public Works Building. This makes it so Public Works staff can monitor these key facilities from the Public Works building, instead of only when they are at the facility for regular inspection. SCADA systems also send advisories/alerts when the facilities are not functioning properly.

The Public Works Department has experienced electrical and SCADA malfunctions in some of the older facilities due to the outdated systems. This has resulted in costly repairs. Therefore, the Public Works Department has been budgeting money to replace outdated electrical and SCADA controls systems at its older facilities. \$100,000 was budgeted in the sewer fund for control upgrades this fiscal year.

EVALUATION

Total Power & Control is the contractor we use for electrical and SCADA repairs/installations on Mapleton Public Works facilities, working with electrical equipment suppliers and our SCADA consultant SKM. The proposed total fee of \$69,930 to upgrade the electrical and SCADA systems at the 200 N lift station is on par with equivalent upgrades at other facilities, and well within the \$100,000 budget for this fiscal year's sewer upgrades.

RECOMMENDATION

Approve Total Power & Controls to upgrade the electrical and SCADA controls at the 2000 N Lift Station for \$66,995.80.

RESOLUTION NO. 2026-

A RESOLUTION OF THE CITY OF MAPLETON, UTAH TO APPROVE TOTAL POWER & CONTROLS TO UPGRADE THE 2000 NORTH LIFT STATION ELECTRICAL AND CONTROLS

WHEREAS, regular maintenance and replacement are required to keep city facilities reliable and efficient; and

WHEREAS, Public Works has budgeted funds to upgrade older electrical and control systems for SCADA controls at older facilities; and

WHEREAS, the 2000 North lift station has older electrical and controls systems, and needs upgrades.

NOW THEREFORE, BE IT RESOLVED by the City Council of Mapleton, Utah, that: the City approves Total Power & Controls to upgrade the electrical and SCADA controls at the 2000 North lift station for the proposed cost of \$66,995.80.00.

This resolution adopted this 19st day of August, 2026, by the City Council of Mapleton City, Utah.

Therin Garrett
Mayor

ATTEST:

Camille Brown
City Recorder



237 W. 200 South, Morgan, UT 84050 | (801) 814-0683 | cfrear@totalpowerllc.com | www.totalpowerllc.com

August 5, 2026

Brad Roundy
Mapleton City Public Works

RE: 2000 N. Lift Station Electrical and Controls Upgrade

Brad,

Thank you for the opportunity to quote the following scope of work for the 2000 N. Lift Station Electrical and Controls Upgrade.

The 2000 N. Lift Station is currently in operation with an existing pump control panel and power distribution equipment. Total Power & Controls will furnish and install a new duplex pump/PLC control panel, a new panel rack and concrete foundation, and all associated power, control, and signal conduit and cabling. PLC hardware, programming, start-up, and commissioning are included. Total Power & Controls is qualified to perform this work and has installed many similar systems.

SCOPE OF WORK

Control Panel Rack and Foundation

- Furnish and install a new concrete foundation for the duplex pump/PLC control panel.
- Fabricate and install a new unistrut panel rack sized for the new control panel.
- Remove and dispose of existing rack material displaced by the new installation.

Control Panel Installation

- Provide and install a new UL508A/UL698 listed duplex pump/PLC control panel as described under Equipment Provided.
- Set, level, and anchor the control panel to the new rack and foundation.
- Terminate incoming power, motor feeders, control, and signal conductors within the panel.
- Install and terminate new level sensing equipment and verify calibration.

Conduit, Raceway, and Conductors

- Install rigid and flexible raceway, conduit bodies, connectors, couplings, and supports between the control panel, pumps, and level instrumentation.
- Provide and install power, control, and signal cabling, including isolated instrument wiring where required.
- Furnish all mounting hardware, fittings, and consumables required for a complete installation.

Instrumentation, Controls, and Systems Integration

- Provide PLC and network switch hardware for installation in the new control panel.
- Provide PLC and HMI programming, network configuration, and integration with the City's existing SCADA system.
- Coordinate all efforts between the panel shop, systems integrator, and Mapleton City.

TESTING AND COMMISSIONING

- Megger and continuity test all new power and control conductors prior to energization.
- Verify pump rotation, motor overload settings, and phase monitor operation.
- Perform functional testing of level control, alarms, pump alternation, and SCADA communication.
- Provide start-up and commissioning support with City personnel on site.
- Turn over panel submittal package and as-built documentation at project completion.

EXCLUSIONS

- Electrical service equipment and fiber communication service to the site, which are to be provided by others.
- Excavation, trenching, or backfill.
- Concrete work or structural modifications beyond the control panel foundation included above.
- Permit fees.
- Engineering or design services beyond the control panel submittal package.
- Work outside normal business hours, unless priced as emergency rate.
- Correction of pre-existing code violations.

EQUIPMENT PROVIDED

ITEM	DESCRIPTION
Enclosure	Flange enclosure with mounting tabs, backpanel, inner door, cable-operated mechanism and handle, and drip shield kit. Includes outdoor insulation package.
Environmental	Panel heater and heat exchanger for outdoor installation.
Main Disconnect	Main disconnect circuit breaker, 480VAC.
Control Power	Control power transformer with primary and secondary fusing.
Feeder Breakers	Two (2) feeder breakers serving the (2) motor starters.
Surge Protection	480VAC TVSS with fusing.
Phase Monitoring	201A MotorSaver monitoring relay and socket.
Motor Starters	Two (2) FVNR motor starters sized to the pump loading.
Pump Monitoring	Provision for Client-provided pump monitoring relays.
Panel Separation	Cabinet signal separation plate and HV section dead front cover.
PLC / Network	Provision and installation of PLC and network equipment in panel.
UPS	1000VA 120V UPS with mounting bracket.
DC Power	Two (2) Quint 10 24VDC power supplies and Quint 10 DC UPS with 12Ah battery.
Signal Isolation	Signal IS barriers, wiring, and terminals as required.
Listings	Panel labeled UL508A for Industrial Control Panels and UL698 for Hazardous Locations. Drawing and submittal package included.

This pricing has been developed using current equipment costs and can only be held for a period of 30 days.

PRICING

DESCRIPTION	AMOUNT
Total Power & Controls — Labor, Equipment, and Materials Installation labor, panel rack and concrete foundation, conduit, conduit bodies, fittings, supports, hardware, power/control/signal cabling, terminations, start-up, and commissioning support	\$14,453.20 USD
Electro Power Utah — Duplex Pump/PLC Control Panel Design, fabrication, and delivery of the UL508A / UL698 listed duplex pump/PLC control panel, including drawing and submittal package	\$34,210.00 USD
SKM Inc. — PLC Hardware, Programming, and Systems Integration PLC and network switch hardware, PLC/HMI programming, SCADA integration, start-up, and commissioning	\$18,332.60 USD
TOTAL COST FOR 2000 N. LIFT STATION ELECTRICAL AND CONTROLS UPGRADE	\$66,995.80 USD

Quote valid for 30 days from the date of issue.

We appreciate the opportunity to submit this proposal and look forward to working with you on this project. Please contact me with any questions or to discuss further.

Best regards,

TOTAL POWER & CONTROLS LLC

Casey Frear

Project Manager

(801) 928-3294 | cfrear@totalpowerllc.com