



September 1, 2026 - Regular Meeting

Subject

Ratification of Emergency Purchase Orders No. P2601062, P2601064 and P2601076 for Repairs of Underground Medium Voltage at The Lake Manatee Water Treatment Plant, Patrick Shea, Utilities Director-Countywide

Category

CONSENT AGENDA

Briefings

None

Contact and/or Presenter Information

Presenter: Patrick Shea, Utilities Director, Utilities Department, Ext. 5389

Action Requested

Ratify the emergency issuance of Purchase Orders No. P2601062, P2601064 and P2601076 to Electrical Engineering Enterprises, Inc. for Repairs of Underground Medium Voltage at the Lake Manatee Water Treatment Plant for a total Purchase Order amount of \$648,478.41.

Enabling/Regulating Authority

Manatee County Code of Laws

Applicable Advisory Board

N/A

Background Discussion

On July 7, 2026, the County issued Emergency Purchase Order No. P2601062 in the amount of \$57,350.00 to remove and recondition the existing 15 kV pad-mounted junction box (STC 12). The work includes cleaning and reconditioning all components, repainting the enclosure, and testing the associated pad-mounted switches to restore the equipment to reliable operating condition.

Also on July 7, 2026, the County issued Emergency Purchase Order No. P2601064 in the amount of \$74,363.41 for demolition of the deteriorated concrete foundation supporting the junction box, removal and disposal of debris, construction of a new reinforced concrete slab foundation, and installation of protective steel pipe bollards. This work provides the structural support necessary for the replacement of electrical equipment.

On July 10, 2026, the County issued Emergency Purchase Order No. P2601076 in the amount of \$474,357.00 for the removal and replacement of the failed 4,160-volt underground medium-voltage cable system. The project includes mobilization, removal of the existing junction box and main electrical feeds, installation of new underground cables serving Sections A, B, and C, new terminations, and comprehensive testing to restore the underground electrical distribution system.

On July 23, 2026, the County issued Change Order No. 1 to Purchase Order No. P2601076 in the amount of \$42,408.00 due to increased manufacturing costs for electrical materials. The change order was required within 72 hours to preserve vendor pricing and maintain manufacturer production and delivery schedules, preventing additional delays to this critical emergency project.

These emergency purchase orders support the repair and restoration of the underground medium-voltage electrical distribution system at the Lake Manatee Water Treatment Plant. The emergency procurement was authorized under the Emergency Memorandum approved by the County Administration on July 1, 2026, allowing the County to immediately obtain the specialized services necessary to restore the underground 4,160-volt power distribution system, reestablish electrical redundancy, reduce the risk of water production interruptions, and protect the continuity of essential drinking water service throughout Manatee County.

Standard procurement procedures could not be followed because of the immediate need to restore system reliability and the specialized nature of the work. Electrical Engineering Enterprises (EEE) possess the required medium-voltage expertise, specialized equipment, and qualified personnel to safely perform this work in accordance with OSHA regulations, NFPA 70E, and the National Electrical Code.

The contracted services provide a comprehensive restoration of the electrical distribution infrastructure serving the Lake Manatee Water Treatment Plant surface water pumping stations. Work includes removal and reconditioning of the existing 15 kV pad-mounted junction box (STC 12); testing of pad-mounted switches PS5-1 and PS5-2; removal and replacement of the existing 4,160-volt underground primary cables serving Sections A, B, and C; installation of new cables and terminations at STC 12, PS5-1, and PS5-2; demolition and reconstruction of the junction box concrete foundation and supporting piers; installation of twelve protective steel bollards; and installation of a new equipment pad, pedestal, and associated protective barriers. All work will be completed in accordance with County lockout/tagout procedures and established electrical switching protocols.

The surface water pumping stations provide approximately two-thirds of the Lake Manatee Water Treatment Plant's daily treatment capacity, making them essential to the County's drinking water system. Failure of either pumping station would significantly reduce production capacity, while the loss of both stations could reduce water production by nearly two-thirds. Such an event would substantially impact on the County's ability to provide safe and reliable drinking water to residents, businesses, healthcare facilities, and emergency response agencies.

A recent engineering assessment confirmed the complete failure of the underground 4,160-volt electrical distribution system, leaving both pumping stations dependent exclusively on overhead electrical service. Because the overhead system has a documented history of storm-related outages, this condition creates a significant

operational vulnerability, particularly during hurricane season. Restoring the underground electrical distribution system is necessary to reestablish redundancy, improve system resiliency, and reduce the risk of service interruptions during severe weather events.

The Utilities Department requests that the Board of County Commissioners ratify the emergency procurement actions and approve the revised Purchase Order total of \$648,478.41, funded by the Utilities Department's Board-approved budget.

Attorney Review

Not Reviewed (Utilizes exact document or procedure approved within the last 24 months)

Instructions to Board Records

Copies to: [emailed 9/2/2026](#)

Utilities Department: Kendra Coldren (kendra.coldren@mymanatee.org) / Brent Laudicina (brent.laudicina@mymanatee.org) / Kevin Doorman (kevin.doorman@mymanatee.org) / Melissa Dickey (melissa.dickey@mymanatee.org)

Procurement Division: Thomas Couchois Jr (Thomas.couchois@mymanatee.org) / (approvedeagendas@mymanatee.org)

Cost and Funds Source Account Number and Name

\$648,478.41 / 401-0006108 – Emergency Management & Planning

Amount and Frequency of Recurring Costs

N/A



**Testing - Field Services - Asset Maintenance - Power Line
FL EC13012154**

June 4, 2026

Manatee County
17915 Waterline Rd,
Bradenton, FL 34212

Customer Contact: Robert Hartnett robert.hartnett@mymanatee.org 941-392-2770

Sales Contact: Kent Clearwaters clearwaters@electeng.com 813-363-7000

Quote #: Q-MAN-3482-01

Subject: Reconditioning of the 15 kV junction box

Dear Robert Hartnett,

Thank you for the opportunity to provide a proposal on the work as detailed below. This proposal includes a detailed scope of work, proposed schedule, price, clarifications, and exclusions.

Electrical Work:

EEE will remove and recondition the existing pad mount junction box (STC-12)

The box will be repainted and all parts clean and reconditioned.

EEE will Test (2) two 15 kV pad mount switches. PS5-1, PS5-2

EEE will then make recommendations for reconditioning of PS5-1 and PS5-2.

Pricing: \$57,350.00

Clarifications:

If new parts are needed in the junction box, EEE will notify the customer with the additional cost.

Lock Out & Tag Out

All hazardous energy shall be shut down, isolated, locked or tagged out by the customer. The customer shall then verify with the Field Service Manager or Lead Technician. All team members shall then place their lock or tag on the isolation point(s) or group lock box.

Circuit Switching

Unless special circumstances arise and are agreed upon by both parties, the customer shall perform all circuit switching within the scope of work.

Changes to the Work Scope

Additional work order scope to the original order (i.e, Change Order or Directive), is to be requested in writing to the appropriate Sales Engineer or Field Service Manager prior to the start of additional scope.

Exclusions:

N/A

We appreciate the opportunity to work with you and thank you for your interest in Electrical Engineering Enterprises, Inc.. Should you have any questions or require additional information please feel free to contact me anytime.

Best Regards,

Kent Clearwaters
Sales Representative
Electrical Engineering Enterprises, Inc.

813-363-7000
clearwaters@electeng.com

Quote: Q-MAN-3482-01



**Testing - Field Services - Asset Maintenance - Power Line
FL EC13012154**

May 29, 2026

Manatee County
17915 Waterline Rd,
Bradenton, FL 34212

Customer Contact: Robert Hartnett robert.hartnett@mymanatee.org 941-392-2770

Sales Contact: Kent Clearwaters clearwaters@electeng.com 813-363-7000

Quote #: Q-MAN-3527-01

Subject: Pad and pedestals for junction boxes and switches

Dear Robert Hartnett,

Thank you for the opportunity to provide a proposal on the work as detailed below. This proposal includes a detailed scope of work, proposed schedule, price, clarifications, and exclusions.

Civil Site Work

Scope of Work:

- Foundations
 - o Mobilize to site
 - o Demo one existing slab foundation and haul off
 - o Slab Foundation (1ea)
Slab: 10ft x 10ft x 1ft thick
Window Opening for Cables: 2ft x 6ft
Pier: 4ft x 8ft x 2ft tall
Machine excavation, forms, rebar, chamfer, 4,000 PSI concrete, light broom finish, backfill and compact
 - o Switch Piers (2ea)
Pier: 4ft x 8ft x 2ft tall
Drill and epoxy dowels, rebar, chamfer, 4,000 PSI concrete, light broom, finish
We have assumed each pier will have to be done separately (one at a time)
 - o Pipe Bollards
6in carbon steel pipe bollards painted safety yellow
- 12ea

Scope Clarifications:

- We have not included any soil poison / termite treatment
- We have not read the Geo Report
- We have not included concrete testing
- We have not included soil density testing for our foundations
- o We have not included any over excavation, geo fabric, rocking, and/or flowable fill for soils not meeting the required strengths
- Our proposal is based on disposing of excess excavated materials on-site

- We have not included any dewatering for underground water.
- Our proposal excludes rock excavation and removal of underground obstructions.
- It is our understanding that previously excavated materials will be suitable for backfill. Should it be necessary to procure select fill materials, the additional cost would be to customer account

Schedule:

- Onsite work schedule is Monday thru Friday 7am – 3:30pm for 12 working days
- We request a 30 days' notice of the start date
- Start date is dependent on Newberry Contracting work load and backlog at the time of award and/or rescheduled start date due to delays

Pricing: \$74,363.41

Clarifications:**Lock Out & Tag Out**

All hazardous energy shall be shut down, isolated, locked or tagged out by the customer. The customer shall then verify with the Field Service Manager or Lead Technician. All team members shall then place their lock or tag on the isolation point(s) or group lock box.

Circuit Switching

Unless special circumstances arise and are agreed upon by both parties, the customer shall perform all circuit switching within the scope of work.

Changes to the Work Scope

Additional work order scope to the original order (i.e, Change Order or Directive), is to be requested in writing to the appropriate Sales Engineer or Field Service Manager prior to the start of additional scope.

Exclusions:

N/A

We appreciate the opportunity to work with you and thank you for your interest in Electrical Engineering Enterprises, Inc.. Should you have any questions or require additional information please feel free to contact me anytime.

Best Regards,

Kent Clearwaters
Sales Representative
Electrical Engineering Enterprises, Inc.

813-363-7000
clearwaters@electeng.com

Quote: Q-MAN-3527-01



**Testing - Field Services - Asset Maintenance - Power Line
FL EC13012154**

July 20, 2026

Manatee County
17915 Waterline Rd,
Bradenton, FL 34212

Customer Contact: Robert Hartnett robert.hartnett@mymanatee.org 941-392-2770

Sales Contact: Kent Clearwaters clearwaters@electeng.com 813-363-7000

Quote #: Q-MAN-3849-01

Subject: Commodity cost increase on MV cable

Dear Robert Hartnett,

Thank you for the opportunity to provide a proposal on the work as detailed below. This proposal includes a detailed scope of work, proposed schedule, price, clarifications, and exclusions.

Electrical Work:

Electrical Work: The attached proposal is to cover the "Increased Cost" on the Medium Voltage cable. The increase in cost is due to the manufactures increases in cost.

Pricing: \$42,408.00

Clarifications:

The proposal price is subject to additional increases. The manufactures will hold this pricing and deliver for 72 hours. EEE has requested this price and delivery be held until Tues. 7/21, but they cannot guarantee the quotes.

Lock Out & Tag Out

All hazardous energy shall be shut down, isolated, locked or tagged out by the customer. The customer shall then verify with the Field Service Manager or Lead Technician. All team members shall then place their lock or tag on the isolation point(s) or group lock box.

Circuit Switching

Unless special circumstances arise and are agreed upon by both parties, the customer shall perform all circuit switching within the scope of work.

Changes to the Work Scope

Additional work order scope to the original order (i.e, Change Order or Directive), is to be requested in writing to the appropriate Sales Engineer or Field Service Manager prior to the start of additional scope.

Exclusions:

N/A

We appreciate the opportunity to work with you and thank you for your interest in Electrical Engineering Enterprises, Inc.. Should you have any questions or require additional information please feel free to contact me anytime.

Best Regards,

Kent Clearwaters

Sales Representative
Electrical Engineering Enterprises, Inc.

813-363-7000
clearwaters@electeng.com

Quote: Q-MAN-3849-01



**Testing - Field Services - Asset Maintenance - Power Line
FL EC13012154**

June 4, 2026

Manatee County
17915 Waterline Rd,
Bradenton, FL 34212

Customer Contact: Robert Hartnett robert.hartnett@mymanatee.org 941-392-2770

Sales Contact: Kent Clearwaters clearwaters@electeng.com 813-363-7000

Quote #: Q-MAN-3527-02

Subject: Remove, replace 5 kV cable. Term and test

Dear Robert Hartnett,

Thank you for the opportunity to provide a proposal on the work as detailed below. This proposal includes a detailed scope of work, proposed schedule, price, clarifications, and exclusions.

Wire Pull:

Mobilization

Removal of Junction Box

Removal of Section A (main feed from junction box (sectionalizer to pole)

Installation of new cable from Junction box thru PMH1 to pole

Installation of new pad, pedestal and four bollards for junction box.

Terminate Section A cable

Testing

Mobilization

Removal of Section B cable from Junction Box to Raw Water 1 pad mount swch

Install new cable in Section B (junction box to RW1 swch

Termination of new 350 mcm cable at STC12 and PS5-1

Testing

Mobilization

Removal of Section C cable from Junction Box to Raw Water 2 pad mount swch

Install new cable in Section C (junction box to RW1 swch

Termination of new 350 mcm cable at STC12 and PS5-2

Testing

Pricing: \$474,357.00

Clarifications:

Lock Out & Tag Out

All hazardous energy shall be shut down, isolated, locked or tagged out by the customer. The customer shall then verify with the Field Service Manager or Lead Technician. All team members shall then place their lock or tag on the isolation point(s) or group lock box.

Circuit Switching

Unless special circumstances arise and are agreed upon by both parties, the customer shall perform all circuit switching within the scope of work.

Changes to the Work Scope

Additional work order scope to the original order (i.e, Change Order or Directive), is to be requested in writing to the appropriate Sales Engineer or Field Service Manager prior to the start of additional scope.

Exclusions:

N/A

We appreciate the opportunity to work with you and thank you for your interest in Electrical Engineering Enterprises, Inc.. Should you have any questions or require additional information please feel free to contact me anytime.

Best Regards,

Kent Clearwaters
Sales Representative
Electrical Engineering Enterprises, Inc.

813-363-7000
clearwaters@electeng.com

Quote: Q-MAN-3527-02

Utilities Department/
Water Division

17915 Waterline Road, Bradenton, FL 34210
941-746-3020



MEMORANDUM

To: Charlie Bishop, County Administrator
From: Melissa Dickey, Utilities Water Maintenance Superintendent
Date: 06/08/2026
Subject: Emergency Purchase Request for Repair of underground medium voltage (4160V) for Surface Water Pump Stations

Emergency purchase is a purchase made due to an unexpected and urgent request where health and safety or the conservation of public resources is at risk. Usually competitive bidding procedures are waived. Approved emergency purchases in excess of Category 4 (\$500,000) require commission approval.

ESTIMATED COST: \$607,000.00

ITEM (S) TO BE PROCURED Contracted services for all labor and services required to restore the electrical distribution components for the surface water pumping stations at Lake Manatee WTP. Scope includes removal and reconditioning of the existing 15 kV pad mount junction box (STC 12), testing of pad mount switches PS5 1 and PS5 2, removal and replacement of 4160V underground primary cables in Sections A, B, and C with new installations and terminations at STC 12, PS5 1, and PS5 2, construction of a new concrete slab foundation with associated piers following demolition of the existing slab, installation of twelve steel safety bollards, and installation of a new pad, pedestal, and protective bollards for the junction box, with all work conducted under customer provided lockout/tagout and circuit switching procedures and requiring written authorization for any additional scope

RECOMMENDED SUPPLIER: Electrical Engineering Enterprises (EEE)

PAYMENT TERMS: Emergency PO, Net-45

GENERAL THREAT: Inability to supply potable water to the citizens of Manatee County

JUSTIFICATION: (1-2 paragraphs) describe the consequences if the emergency is not approved.

The Surface Water Pump Stations provide approximately two thirds of the Lake Manatee Water Treatment Plant's daily production capacity. A failure at either station would significantly reduce treatment output, and a simultaneous outage could cut production by nearly two thirds, threatening the County's ability to maintain safe and reliable drinking water for residents, businesses, hospitals, and emergency responders. A recent survey confirmed a complete failure of the underground 4,160 volt electrical distribution system, leaving both stations dependent solely on overhead power, which has a documented history of storm related failures. This creates a critical and immediate vulnerability, particularly during hurricane season.

Standard procurement cannot be followed in this case due to the urgency of restoring electrical redundancy and the specialized nature of the work. Electrical Engineering Enterprises (EEE) is one of the only contractors in the region with the required medium voltage expertise, qualified personnel, and necessary equipment to perform this type of work in compliance with OSHA, NFPA 70E, and the

VACANT
District 1

AMANDA
BALLARD
District 2

TAL
SIDDIQUE
District 3

MIKE
RAHN
District 4

DR. BOB
MCCANN
District 5

JASON
BEARDEN
At Large

GEORGE W.
KRUSE
At Large

National Electrical Code. EEE also were the only contractor with immediate availability, which is essential to address the existing infrastructure failure without delay. Vetting additional suppliers or conducting a competitive bidding process is not feasible within the timeframe needed to protect water production reliability and public health.

For these reasons, immediate procurement is warranted to restore the underground 4,160V power distribution system, reestablish electrical redundancy, reduce the risk of water production interruption, and safeguard the continuity of essential drinking water services throughout Manatee County.

I, Patrick Shea have reviewed this request and to the best of my knowledge and understanding, agree that it is an emergency as defined in the County Code of Ordinances Chapter 2-26.

Patrick Shea

06/29/2026

Signature, Department Director

Date

Approval of this emergency purchase(s) is confirmed.

County Administrator (or designee): *Charlie Bishop* Date: 07/01/2026
Charlie Bishop (Jul 1, 2026 13:45:26 EDT)

NOTE: If approved, this Emergency Purchase Approval must be attached/referenced on all requisitions for this item/service for this emergency.