Request for Proposal (RFP)

Project: Armory 2400 Volt Conduit and Cable Repair

Client:
Address:
Contact:

Date Issued: 10/10/2024
Proposal Due Date: 5 days after site visit

Introduction

Girard College is seeking qualified contractors to submit a proposal for the repair and replacement of a 2400 Volt junction box, conduit and cable at the Armory building. This project arises due to the deterioration of instruments that support the existing conduits and junction box which have been compromised by rust and corrosion.

Scope of Work

1. **De-energize and Remove North Cables**
    - De-energize both services to the Armory (North and South feeds)
    - Remove North cables from the switch box.
    - Estimated outage duration.
2. **Re-energize Service**
    - Re-energize the service utilizing the South Feeder.
3. **Remove Existing Conduits and Cables**
    - Remove all cables and conduit (including spare) for the North Feeder back to the wall in the opposite room.
4. **Install New Junction Box**
    - Install a new junction box on the wall to tie in conduits coming through the wall.
5. **Run New Conduits**
    - Run two (2) new conduits from the new junction box across the room with proper supports and through the wall to the junction box on the other side.
6. **Pull New 5 KV Cable**
    - Pull new 5 KV cable from the new junction box to the switch.
7. **Splice New Cable**
    - Splice new cable to the existing inside the new junction box.
8. **Terminate New Cables**

    - Open the South Feeder to de-energize service and terminate the new cables on the switch.
    - Estimated outage duration…

9. **Remove all debris from tunnel and dispose in client's dumpster**

Notes

- All cables will be run in Rigid Metal Conduit (RMC) with compression fittings and painted with red rust inhibiting paint.
- Junction boxes will be NEMA 3R rated for outdoor use and also painted with red rust inhibiting paint.

Project: Tunnel to Mariner Hall 2400 Volt Conduit and Cable Repair

Introduction

Girard College is seeking qualified contractors to submit a proposal for the repair and replacement of the 2400 Volt junction box, conduit and cable in the tunnel to Mariner Hall. The existing service conduits and junction boxes are severely rusted, resulting in exposed cables in some areas.

Scope of Work

1. **Remove Existing Conduit and Junction Boxes**
    - Remove approximately 75 feet of conduit for the North and South feeders going to Mariner Hall, including two (2) junction boxes.
2. **Install New Conduits**
    - Run two (2) new conduits (Champion Fiberglass) to replace the removed sections.
    - Tie in to good conduit at each end with coupling, trough, or junction boxes.
3. **De-energize Services**
    - De-energize one service at a time (North and South Feeders).
4. **Install New Feeder Cables**
    - Cut feeder cables in junction boxes located in the Main Tunnel and pull in new cable in the newly installed conduits.
    - Splice new cable to existing cable inside one of the newly installed junction boxes and inside the Main Tunnel boxes.
5. **Remove Unused Conduit, Cable, and Junction Boxes**
    - Remove all unused conduit, cable, and junction boxes.
6. **Remove Old Branch Tunnel Conduit and Lights**
    - Remove approximately 75 feet of old ¾" conduit and lights in the branch tunnel to Mariner Hall.
7. **Install New Branch Tunnel Conduit and Lights**
    - Install new ¾" conduit and install globe lights every 10 feet down the new conduit run.
8. **Remove all debris from tunnel and dispose in client's dumpster**

Notes

- Medium Voltage cables will be run in 4" PVC painted red with high voltage sticker conduit to prevent future deterioration.

- Both lines will not need to be de-energized at the same time, ensuring continuous service by switching buildings from one line to the other.

Submission Instructions

Proposals must be submitted to: rpavoni@girardcollege.edu

Additional documents will be provided during site visit.

Lump sum for Armory: $_____

Lump sum for Mariner $_____

Lump sum for Armory and Mariner $_____

*Projects may be awarded separately

Girard College looks forward to receiving your proposal and working with you on this important project to ensure the safety and reliability of our electrical infrastructure.

Thank you for your attention to this RFP. We are committed to selecting a contractor that will deliver high-quality, safe, and efficient work.

To schedule a site visit please contact:

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