



Legislation Text

File #: 1715-2024, Version: 1

1. BACKGROUND

This ordinance authorizes the Director of Public Utilities to enter into a professional engineering services contract awarded through the City’s Request for Proposal process with Patrick Engineering, Inc., for the Relay Upgrade Drawing Preparation Project, CIP #670883-100001, in an amount up to \$580,227.00 for the Division of Power.

The Department of Public Utilities (DPU), Division of Power (DOP), owns and operates a public electric distribution system. DOP intends to replace 14.4kV power distribution electromechanical and solid-state relays reaching their end of life with modern microprocessor based protective relaying. These relay replacements will allow for better coordination with downstream devices and allow for fault analysis.

This project will prepare installation drawings for the replacement of 14.4kV feeder protection relaying and control switches at three substations, for a total of 30 relay cubicles being upgraded.

1. Jackson Pike Substation, located at 2500 Jackson Pike Columbus, OH 43223; consists of 14.4kV distribution in a main tie main tie main arrangement. There are a total of 9 cubicles; 2 mains, 1 tie, and 6 feeders receiving new relays in this substation.
2. Furnace Substation, located at 400 Furnace St., Columbus, OH 43215; consists of 14.4kV distribution in a main tie main arrangement. There are a total of 10 cubicles; 2 mains, 1 tie, and 7 feeders receiving new relays in this substation.
3. West Substation, located at 56 N. Wheatland Ave. consists of 14.4kV distribution in a main tie main arrangement. There are a total of 11 cubicles; 2 mains, 1 tie, and 8 feeders receiving new relays in this substation.

The Community Planning Areas is 99 - Citywide as these electric substations directly serve multiple planning areas in the city.

TIMELINE & FUTURE MODIFICATION(S):

The schedule for this project is expected to take 12 months.

ESTIMATED COST OF PROJECT:

The negotiated professional services agreement amount is \$580,227.00, including a 15% contingency amount that will be utilized to fund needed and approved changes in the work. No contract modifications are anticipated at this time; however, construction exigency might later compel modification of this contract, if unforeseen difficulties are encountered.

Cost summary:

Original Contract	\$	580,227.00
<u>Future Anticipated Needs</u>	<u>\$</u>	<u>0.00</u>
CONTRACT TOTAL	\$	580,227.00

2. ECONOMIC IMPACT/ADVANTAGES; COMMUNITY OUTREACH; PROJECT DEVELOPMENT; ENVIRONMENTAL FACTORS/ADVANTAGES OF PROJECT

The relay improvements at the Furnace, Jackson Pike, and West electric substations will provide a more resilient and

reliable power distribution system. This will result in few power interruptions to the customers served by these substations which will minimize any economic impacts due to power outages.

3. BID INFORMATION

This project was formally advertised on the Vendor Services and Bonfire websites and opened 3/1/24. One proposal was received:

<u>Name</u>	<u>C.C. No.</u>	<u>Exp. Date</u>	<u>City/State</u>	<u>Status</u>
Patrick Engineering, Inc.	CC-007237	4/16/2026	Columbus, OH	MAJ
GPD Group	CC-006560	5/24/2025	Columbus, OH	MAJ
SEL Engineering Services	CC-031369	5/3/2025	Lewis Center, OH	MAJ

All proposals were deemed responsive except the SEL Engineering Services response, which was a price quote. An evaluation committee reviewed the remaining proposals and recommended that the Relay Upgrade Drawing Preparation Project be awarded to Patrick Engineering, Inc.

Patrick Engineering, Inc. was in good standing at the time of the contract award

4. CONTRACT COMPLIANCE INFORMATION

Patrick Engineering, Inc.'s contract compliance number is CC007237 and expires 4/16/2026.

5. MINORITY AND WOMAN OWNED BUSINESS ENTERPRISE & SMALL LOCAL BUSINESS ENTERPRISE PROGRAM

This contract was bid with an anticipated City of Columbus MBE/WBE Program goal of 12%. The tasks are not specified but the consultant is required to meet the City of Columbus MBE/WBE Program goal of 12%. Failure by the contractor to meet this goal subjects the contractor to the Penalties for Non-Compliance as described in the terms and conditions of the bid documents.

As part of their proposal, Patrick Engineering, Inc. has proposed the following subcontractor to perform contract work:

<u>Company Name</u>	<u>City/State</u>	<u>ODI Certification Status</u>
Singh & Associates, Inc.	Columbus, OH	WBE
Jakes Electric	Clinton, WI	MAJ

The certification of the above listed companies were in good standing at the time the contract was awarded.

5. FISCAL IMPACT

Funding in the amount of \$580,227.00 is available and appropriated within the Electricity Bond Fund, Fund 6303. A transfer of cash and appropriation between projects within the Electricity Bond Fund is needed to align cash and appropriation with the proper project.

To authorize the Director of the Department of Public Utilities to enter into a professional engineering services contract with Patrick Engineering, Inc., for the Relay Upgrade Drawing Preparation Project; to authorize a transfer of cash and appropriation between projects within the Electricity Bond Fund; and to authorize an expenditure of up to \$580,227.00 from the Electricity Bond Fund. (\$580,227.00)

WHEREAS, the Department of Public Utilities is engaged in the Relay Upgrade Drawing Preparation project; and

WHEREAS, a Request for Proposals (RFP) was formally advertised on the Vendor Services and Bonfire websites and opened 3/8/24; and

WHEREAS, three proposal for the Relay Upgrade Drawing Preparation Project were received in response to the RFP;

and

WHEREAS, the evaluation committee reviewed the proposals; and recommended the contract be awarded to Patrick Engineering, Inc.; and

WHEREAS, it is necessary to authorize the Director of the Department of Public Utilities to enter into a professional services contract with Patrick Engineering, Inc. for the Relay Upgrade Drawing Preparation project; and

WHEREAS, it is necessary to transfer cash and appropriation between projects within the Electricity Bond Fund, Fund 6303, to align cash and appropriation with the proper project; and

WHEREAS, it is necessary to authorize an expenditure of funds from the Electricity Bond Fund, Fund 6303, to pay for the contracted services for the project; **NOW, THEREFORE**,

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF COLUMBUS:

SECTION 1. That the transfer of \$80,227.00 or so much thereof as may be needed, is hereby authorized between projects within the Electricity Bond Fund, Fund 6006, per the account codes in the attachment to this ordinance.

SECTION 2. That the Director of Public Utilities is hereby authorized to enter into a professional engineering services agreement for the Relay Upgrade Drawing Preparation Project with Patrick Engineering, Inc., 100 E. Campus View Blvd., Suite 300, Columbus, OH 43235, for an expenditure up to \$580,227.00, in accordance with the terms and conditions of the contract on file in the Office of the Division of Power.

SECTION 3. That the expenditure of \$580,227.00, or so much thereof as may be needed, is hereby authorized in the Electricity Bond Fund, Fund 6303, per the accounting codes in the attachment to this ordinance.

SECTION 4. Funds are hereby deemed appropriated and expenditures and transfers authorized to carry out the purposes of this ordinance and the City Auditor shall establish such accounting codes as necessary.

SECTION 5. That the City Auditor is authorized to make any accounting changes to revise the funding source for all contracts or contract modifications associated with this ordinance.

SECTION 6. That the City Auditor is hereby authorized to transfer the unencumbered balance in a project account to the unallocated balance account within the same fund upon receipt of certification by the Director of the Department administering said project that the project has been completed and the monies are no longer required for said project.

SECTION 7. That this Ordinance shall take effect and be in force from and after the earliest period allowed by law.