

SUMMARY STATEMENT

ITEM NO.: PATCO-17-011

SUBJECT: Construction Monitoring Services for Contract No. 12-I, Installing Elevators in Remaining PATCO Stations

COMMITTEE:

Operations and Maintenance

COMMITTEE MEETING DATE:

April 4, 2017

BOARD ACTION DATE:

April 19, 2017

PROPOSAL: That the Board authorizes staff to negotiate an agreement with Burns Engineering, Inc. to provide Construction Monitoring Services for Contract No. 12-I, Installing Elevators in Remaining PATCO Stations.

Amount: \$3,998,501.11

Consultant: Burns Engineering, Inc.
Two Commerce Square
2001 Market Street, Suite 600
Philadelphia, PA 19103

Other Consultants: Burns Engineering, Inc.
Gannett Fleming, Inc.
Johnson, Mirmiran & Thompson, Inc.

Engineers Estimate: \$3,358,916.19

PURPOSE: To provide full-time, on-site construction inspection and monitoring services for Contract No. 12-I, Installing Elevators in Remaining PATCO Stations. The services will include a part-time Project Manager, full-time Resident Engineer and support inspection staff for inspecting all contract field activities and monitoring the contractor's compliance with the plans and specifications.

BACKGROUND: The work to be completed under Contract No. 12-I consists of the installation of two (2) new heavy-duty elevators and miscellaneous associated construction at both the PATCO 12th/13th and Locust Street station in Philadelphia, PA and City Hall station in Camden, NJ and the installation of one (1) new heavy-duty elevator and miscellaneous associated construction work, including station additions or reconfigurations, at Collingswood, Westmont, Haddonfield, and Ashland stations. Elevators will afford accessible travel to and from concourse level and platform level. The Scope of Work also includes selective and associated demolition, site improvements, station

additions, modification of existing platforms and associated areas to facilitate construction of elevator shafts, miscellaneous equipment rooms, alterations to existing stairways and associated mechanical, electrical, plumbing and fire protection work.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Three (3) firms responded with Statements of Qualifications on November 17, 2016. Three (3) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of four (4) staff engineers evaluated the Proposals on the basis of Technical merit.

Burns Engineering, Inc. was the highest technically ranked firm. The proposed Project Manager, Clay Payne, P.E., has previous experience managing construction contracts involving building additions and modifications of transit system facilities, installation of elevators and other related construction and has been very responsive on past DRPA projects. The proposed Resident Engineer, Lawrence Ebling, P.E., has over 45 years of experience in similar size facility and transit projects. Burns Engineering, Inc.'s Inspection Team has many years of experience inspecting facility and transit projects similar to those required for this contract. Overall, the team assembled by Burns Engineering, Inc. was found to possess the necessary experience and qualifications to successfully complete the project.

In accordance with the Delaware River Port Authority's qualification based selection procedure, the Price Proposal was evaluated against the Engineer's Estimate and that of other recommended firms. Based on this evaluation and subsequent negotiation, Burns' price was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with Burns for the costs and associated fees not to exceed \$3,998,501.11 to provide engineering services in accordance with the Request for Proposal.

SUMMARY STATEMENT
O&M April 4, 2017

Construction Monitoring Services for
Contract 12-I, Installing Elevators in
Remaining PATCO Stations

SUMMARY:	Amount:	\$ 3,998,501.11
	Source of Funds:	2013 Revenue Bonds
	Capital Project #:	PF1201
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	51 Months
	Other Parties Involved:	N/A
	Estimated Number of	
	Jobs Supported:	12

PATCO-17-011
Operations and Maintenance Committee: April 4, 2017
Board Date: April 19, 2017
Construction Monitoring Services for Contract No. 12-I,
Installing Elevators in Remaining PATCO Stations

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of Burns Engineering, Inc. to provide Construction Monitoring Services for Contract No. 12-I, Installing Elevators in Remaining PATCO Stations and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with Burns Engineering, Inc. for an amount not to exceed \$3,998,501.11, as per the attached Summary Statement; and be it further

RESOLVED: The Chairman, Vice Chairman and the Chief Executive Officer must approve and are hereby authorized to approve and execute all necessary agreements, contracts, or other documents on behalf of the DRPA. If such agreements, contracts, or other documents have been approved by the Chairman, Vice Chairman and Chief Executive Officer and if thereafter either the Chairman or Vice Chairman is absent or unavailable, the remaining Officer may execute the said document(s) on behalf of DRPA along with the Chief Executive Officer. If both the Chairman and Vice Chairman are absent or unavailable, and if it is necessary to execute the said document(s) while they are absent or unavailable, then the Chief Executive Officer shall execute such documents on behalf of DRPA.

SUMMARY:	Amount:	\$ 3,998,501.11
	Source of Funds:	2013 Revenue Bonds
	Capital Project #:	PF1201
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	51 Months
	Other Parties Involved:	N/A
	Estimated Number of Jobs Supported:	12



MEMORANDUM

DELAWARE RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: O&M Committee Members

FROM: Michael P. Venuto, Chief Engineer

SUBJECT: Professional Service Selection for
Construction Monitoring Services for DRPA Contract No. 12-I
Installing Elevators in Remaining PATCO Stations
Technical Proposal Evaluation, Findings and Recommendation Report

DATE: 3/23/2017

The Request for Qualifications (RFQs), which was posted on the Authority's web-site, invited consultants to submit Statements of Qualifications (SOQs). Three (3) firms submitted SOQs on 11/17/16.

Policy 303a outlines the procedure for Request for Proposal selection of consultants by the Engineering Department. The SOQ evaluation serves as a method for developing a "short list" of firms to receive a Request for Proposal (RFP). The Review Committee evaluated the SOQ's and recommended soliciting Technical and sealed Price Proposals from the top ranked firms:

Burns Engineering, Inc.
Gannett Fleming, Inc.
Johnson, Mirmiran & Thompson, Inc.

The short listed firms were sent a RFP on 1/11/17. The Technical Proposals and separate sealed Price Proposals were received on 2/13/17 from Burns Engineering, Inc., Gannett Fleming, Inc., and Johnson, Mirmiran & Thompson, Inc. The Review Committee, consisting of four (4) staff engineers, reviewed and evaluated the Technical Proposals.

Burns Engineering, Inc. was the highest technically ranked firm. The proposed Project Manager, Clay Payne, P.E., has previous experience managing construction contracts involving building additions and modifications of transit systems facilities, installations of elevators and other related construction and has been very responsive on past DRPA projects. The proposed Resident Engineer, Lawrence Ebling, P.E., has over 45 years' experience in similar size facility and transit projects. Overall, the team assembled by Burns Engineering, Inc. was found to possess the necessary experience and qualifications to successfully complete the project.

The Review Committee recommended that the Price Proposal be opened and negotiations commence using other recommended firm's Price Proposals and the Engineer's Estimate in the amount of \$3,358,916.19, as a guide. Price Proposals were opened on 2/21/2017.

Below are the Technical Proposal rankings, proposed hours and fees of these firms, along with the Engineer's estimate of hours.

Rank	Firm	Hours	Original Price Proposal	Negotiated	
				Hours	Fee
	Engineer's Estimate	22488	\$3,358,916.19		
1	Burns Engineering, Inc.	27413	\$4,179,720.77	26641	\$3,998,501.11
2	Gannett Fleming, Inc.	29142	\$4,527,085.51		
3	Johnson, Mirmiran & Thompson, Inc.	30646	\$4,284,701.66		

The Price Proposal from the highest technically ranked firm, Burns Engineering, Inc., dated February 13, 2017 was reviewed by Engineering Department staff. It was observed to be 124% higher than the Engineer's Estimate. This is due to the estimated hours in the engineer's estimate for the project being low, and the consultant's hours for the Architect and for the Public Outreach portion of the project being high along with their overhead rate for field staff. Negotiations commenced which resulted in a final Price Proposal in an amount of \$3,998,501.11. Based on the Review Committee's findings, the Price Proposal of Burns Engineering, Inc. has been determined to be fair and reasonable and therefore the committee recommends that an Engineering Services Agreement be issued to the highest technically ranked firm, Burns Engineering, Inc.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage Burns Engineering, Inc., of Philadelphia, PA, in the amount of \$3,998,501.11 for this Agreement.

:elk