

SUMMARY STATEMENT

ITEM NO.: PATCO-17-029

SUBJECT: Contract No. PATCO-60-2017, PATCO Shop DC Power Upgrades

COMMITTEE:

Operations & Maintenance

COMMITTEE MEETING DATE:

September 12, 2017

BOARD ACTION DATE:

September 20, 2017

PROPOSAL: That the Board authorizes staff to negotiate a construction contract with the firm of Chamblings Electric, Inc. to perform the PATCO Shop DC Power Upgrades.

Amount: \$1,025,988.00

Contractor: Chamblings Electric, Inc.
271 W. Elmer Road
Vineland, NJ 08360

Other Bidders:	Ray Angelini, Inc.	\$1,164,837.00
	Vanalt Electrical Construction	\$1,648,950.00
	Scalfo Electric, Inc.	\$1,694,000.00

Engineers Estimate: \$1,061,854.00

MBE/WBE Goals: MBE: 7%
WBE: 3%

Consultant Proposed

MBE/WBE Commitments: MBE: 3%
WBE: 7.5%

PURPOSE:

This project will upgrade the vehicle power distribution system in the Lindenwold Shop and involves separating the stinger system from the hotel power system and providing new controls and notification equipment. This includes but is not limited to the following: removal of all traction power equipment on Track 0, removal of overhead trolley power rail circuit breakers and controls, installation of new fixed hotel (auxiliary) system plugs along the tracks, gapping of the overhead trolley power rail in order to create two (2) isolated sections of overhead trolley power rail per track, replacement of stinger cables on overhead trolleys, installation of a new light curtain system integrated with the emergency stop circuits of the stinger controls, and

installation of new fused disconnects and electrically-operated contactors and associated controls for the new traction power equipment.

BACKGROUND: The DC breakers, stingers, and hotel-power plugs in the PATCO shop are at the end of their useful lives. This project will replace the main DC power breaker in kind. Distribution breakers feeding the individual tracks will be replaced with more reliable fused disconnect switches and contactors. Providing fixed-location hotel-power plugs and splitting the track trolleys will enhance safety and operational flexibility. The installation of the new light curtains, of the same type as were installed in the shop annex, will enhance safety by preventing inadvertent personnel entry into areas where traction power is active.

The project was publicly advertised and bid documents were offered to the public beginning on July 14, 2017 with a bid opening date of August 23, 2017. Five (5) sets of documents were sold. A total of four (4) bids were received. The low responsive and responsible bid was submitted by Chamings Electric, Inc. in the amount of \$1,025,988.00.

Staff has completed the evaluation of bids and recommends that the contract be awarded to Chamings Electric, Inc., in the amount of \$1,025,988.00 as the low responsive and responsible bidder.

SUMMARY:	Amount:	\$1,025,988.00
	Source of Funds:	General Fund
	Capital Project #:	PD0806
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	Nine (9) months
	Other Parties Involved:	N/A
	Estimated Number of Jobs Supported:	3

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the bid of \$1,025,988.00 to perform the PATCO Shop DC Power Upgrades, and that the proper officers of the Authority be and hereby are authorized to negotiate a contract with Chamings Electric, Inc. for the required work in an amount not to exceed \$1,025,988.00, 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.

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