SUMMARY STATEMENT

ITEM NO.          SUBJECT:  Contract No. PATCO 34-E, PATCO Linden Interlocking Rehabilitation

COMMITTEE:     Operations & Maintenance

COMMITTEE MEETING DATE:  December 15, 2010

BOARD ACTION DATE:    January 19, 2011

PROPOSAL: That the Board authorizes staff to negotiate a construction contract with the firm of Vanalt Electrical Construction, Inc. to install reverse-signaling and supervisory-control and data-acquisition (SCADA) infrastructure in the area of Linden Interlocking.

Amount:  $2,933,800.00

Contractor:  Vanalt Electrical Construction, Inc.

Other Bidders:  Farfield Company $3,449,000.00
                Railworks Signals & Communications $3,499,110.00
                Carr & Duff, Inc.  $4,190,000.00

Engineers Estimate:  $2,764,734.48

PURPOSE: To install reverse-signaling and SCADA infrastructure in the area of Linden Interlocking. Linden Interlocking is located between Lindenwold Station and Lindenwold Yard, and is critical to the movement of trains between storage and revenue service.

BACKGROUND: The existing signaling system from Linden Interlocking east to the western limit of Lindenwold Yard is original from PATCO construction in 1969, and there is no SCADA presence for indication and control of power, rail switching or signals in this area. Signaling in areas west of Linden Interlocking was replaced under contracts 34-C and 34-D, enabling reverse-signaling on most of the PATCO line. Contract 11-F similarly replaced PATCO’s SCADA system.

Contract 34-E will extend the work performed under contracts 34-C, 34-D and 11-F beyond Linden Interlocking to the western limit of Lindenwold Yard. This will allow more efficient and safer movement of trains between yard storage and revenue service by providing improved and extended automatic train control (ATC) and dispatcher indication and control of various systems through the SCADA system.
The project was publicly advertised and bid documents were offered to the public beginning on September 20, 2010 with a bid opening date of December 2, 2010. Thirteen (13) sets of documents were sold. A total of four (4) bids were received. The lowest responsive and responsible bid was submitted by Vanalt Electrical Construction, Inc. in the amount of $2,933,800.00.

Staff has completed the evaluation of bids and recommends that the contract be awarded to Vanalt Electrical Construction, Inc. in the amount of $2,933,800.00 as the lowest responsive and responsible bidder to perform the contract work.

SUMMARY:

Amount: $2,933,800.00
Source of Funds: 2010 Revenue Bonds (Series D) 20% ($586,760.00)
Capital Project #: PF0802
Operating Budget: N/A
Master Plan Status: N/A
Other Fund Sources: Federal Transit Administration 80% ($2,347,040.00)
Duration of Contract: 300 calendar days
Other Parties Involved: Federal Transit Administration
Estimated Number of Jobs Supported: 85
RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the bid of $2,933,800.00 to install reverse-signaling and supervisory-control and data-acquisition (SCADA) infrastructure in the area of Linden Interlocking, and that the proper officers of the Authority be and hereby are authorized to negotiate a contract with Vanalt Electrical Construction, Inc. for the required work in an amount not to exceed $2,933,800.00, 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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