SUMMARY STATEMENT

ITEM NO. | SUBJECT: Construction Monitoring Services for 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 an agreement with Burns Engineering, Inc. to provide Construction Monitoring Services for the PATCO Linden Interlocking Rehabilitation Project.

Amount: $569,104.27

Consultant: Burns Engineering, Inc.

Other Consultants: Michael Baker Jr., Inc.

Engineers Estimate: $580,594.00

PURPOSE: To provide full-time on-site construction inspection and monitoring services for PATCO Linden Interlocking Rehabilitation Project, Contract No. PATCO 34-E. The services shall include a 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 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 Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Five (5) firms responded with Statements of Qualifications on April 13, 2010. Four (4) firms were deemed qualified and were sent a formal Request for Proposal. Two (2) firms responded with Proposals.

A review committee of four (4) DRPA and PATCO technical staff members evaluated the Technical Proposals on the basis of technical merit. Based on the technical evaluation the Proposals, Burns Engineering, Inc. was deemed to be the most responsive to the requirement for Construction Monitoring services for this project, as outlined in the Request for Proposal.

This project involves the use of federal funding through the Federal Transit Administration (FTA). In accordance with the federally approved Brooks method of consultant selection, which is qualifications based. The Price Proposal submitted by Burns Engineering, Inc. was opened and evaluated against the Engineer’s Estimate. Based on this evaluation, the proposed price of $569,104.27 was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with Burns Engineering, Inc. for the costs and associated fees not to exceed $569,104.27. Upon approval of the Board, an agreement will be negotiated with Burns Engineering, Inc. to provide construction monitoring services in accordance with the Request for Proposal.
SUMMARY STATEMENT
O&M 1/19/11
Construction Monitoring Services for
Contract No. PATCO 34-E, PATCO Linden
Interlocking Rehabilitation

SUMMARY:  Amount:  $569,104.27
Source of Funds:  2010 Revenue Bonds (Series D)20%
                ($113,820.85)
Capital Project #: PF0802
Operating Budget: N/A
Master Plan Status: N/A
Other Fund Sources: Federal Transit Administration 80%
                   ($455,283.41)
Duration of Contract: 300 calendar days
Other Parties Involved: Federal Transit Administration
Estimated Number of Jobs Supported: 5
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 PATCO Linden Interlocking Rehabilitation Project 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 $569,104.27, 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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