SUMMARY STATEMENT

ITEM NO. DRPA-13-001

SUBJECT: Design Services for PATCO R.O.W. Embankment Restoration Phase Five

COMMITTEE: Operations & Maintenance

COMMITTEE MEETING DATE: December 12, 2012

BOARD ACTION DATE: January 16, 2013

PROPOSAL: That the Board authorizes staff to negotiate an agreement with AECOM to provide Design Services for the PATCO R.O.W. Embankment Restoration Project.

Amount: $610,096.00

Consultant: AECOM Technical Services, Inc.
1700 Market Street, Suite 1600
Philadelphia, PA 19103

Other Consultants: Gannett Fleming, Inc.
Hatch Mott MacDonald, LLC
KS Engineers, P.C.
TranSystems Corporation Consultants
URS Corporation

Engineers Estimate: $589,334.00

PURPOSE: To engage services of a consulting engineering firm with the expertise necessary to design stabilization of the embankments, improve drainage and rehabilitate retaining walls at various locations on the PATCO Right-of-way in New Jersey.

BACKGROUND: This design services project is a continuation of the embankment restoration, drainage improvements and retaining wall rehabilitation at various locations on the PATCO Right-of-way in New Jersey. Four (4) phases of embankment rehabilitation work have been completed. This design project will enable DRPA/PATCO to improve the embankment stability, drainage system, and repair retaining walls.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Seventeen (17) firms responded with Statements of Qualifications on
November 15, 2011. Six (6) firms were deemed qualified and were sent a formal Request for Proposal. All six (6) firms responded with Proposals. A review committee of staff engineers evaluated the Proposals on the basis of technical merit. Based on the technical evaluation the proposal submitted by AECOM was deemed to be the most responsive to the requirement for design 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 AECOM was opened and evaluated against the Engineer’s Estimate. Based on this evaluation, a negotiated price of $610,096.00 was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with AECOM for the costs and associated fees not to exceed $610,096.00 to provide engineering services in accordance with the Request for Proposal.

**SUMMARY:**

- **Amount:** $610,096.00
- **Source of Funds:** General Fund/Subject to Reimbursement by Future Bond Proceeds
- **Capital Project #:** PF9903
- **Operating Budget:** N/A
- **Master Plan Status:** N/A
- **Other Fund Sources:** Federal Transit Administration (80%) ($488,076.80)
- **Duration of Contract:** 12 months
- **Other Parties Involved:** Federal Transit Administration
- **Estimated Number of Jobs Supported:** 2
RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of AECOM to provide Design Services for the PATCO R.O.W. Embankment Restoration Phase 5 Project and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with AECOM for an amount not to exceed $610,096.00, 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.

SUMMARY:

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MEMORANDUM

DELTA RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: O&M Committee Members
FROM: Michael P. Venuto, Director of Engineering/Chief Engineer, Engineering
SUBJECT: Professional Service Selection for
Design Services for PATCO Right-of-Way Embankment Restoration
Technical Proposal Evaluation, Findings and Recommendation Report
DATE: November 23, 2012

The Request for Qualifications (RFQs), which was posted on the Authority’s web-site, invited consultants to submit Statements of Qualifications (SOQs). Seventeen (17) firms submitted SOQs on November 15, 2011.

Since this project is partially funded by the Federal Transit Administration the Brooks method of consultant selection was used. 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 from the top ranked firms:

AECOM Technical Services, Inc.
Gannett Fleming, Inc.
Hatch Mott MacDonald, LLC
KS Engineers, P.C.
TranSystems Corporation Consultants
URS Corporation

The short listed firms were sent a RFP on March 28, 2012. The Technical Proposals were received on May 2, 2012 from all of the short listed firms. The Review Committee, consisting of three (3) staff engineers reviewed and evaluated the Technical Proposals.

AECOM was the highest technically ranked firm. The firm demonstrated relevant experience on similar projects and understanding of the embankment stabilization needs along the PATCO Right-of-Way. The proposed Project Manager was the project manager on a previous phase of the project and has a significant amount of experience on railroad projects. Overall, the team assembled by AECOM was found to possess the necessary experience and qualifications to successfully complete the project.

The Review Committee recommended that the Price Proposal be requested from AECOM and negotiations commenced using the Engineer’s Estimate in the amount of $589,334.00, as a guide. The Price Proposal was opened on November 19, 2012.
Below are the Technical Proposal rankings, proposed hours and fees of the firm, along with the Engineer’s estimate of hours.

<table>
<thead>
<tr>
<th>Firm</th>
<th>Hours</th>
<th>Original Price Proposal</th>
<th>Negotiated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineer’s Estimate</td>
<td>4,548</td>
<td>$589,334.00</td>
<td></td>
</tr>
<tr>
<td>AECOM</td>
<td>6,194</td>
<td>$747,536.00</td>
<td>5,011</td>
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The Price Proposal from the highest technically ranked firm, AECOM, dated November 16, 2012 was reviewed by Engineering Department staff. It was observed to be 27% higher than the Engineer’s Estimate. Negotiations commenced which resulted in a final Price Proposal in an amount of $610,096.00. Based on the Review Committee’s findings, the Price Proposal of AECOM 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, AECOM.

Based on a review of the Review Committee’s evaluation and supporting documentation, I concur with the recommendation to engage AECOM of Philadelphia, Pennsylvania, in the amount of $610,096.00 for this Agreement.

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