SUMMARY STATEMENT

ITEM NO. DRPA-20-087


COMMITTEE: Operations and Maintenance

COMMITTEE MEETING DATE: August 4, 2020

BOARD ACTION DATE: August 19, 2020

PROPOSAL: That the Board authorizes staff to negotiate an agreement with AECOM Technical Services, Inc. to provide Construction Monitoring Services for Contract No. PATCO-59-2017, Way Interlocking and Subway Structure Rehabilitation.

Amount: $1,697,680.00

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

Other Consultants: Gannett Fleming
WSP USA
Rail Pros

Engineers Estimate: $2,340,000.00

MBE/WBE Goals: MBE: 8%
WBE: 4%

Consultant Proposed MBE/WBE Commitments: MBE: 15.3%
WBE: 4%

PURPOSE: To provide full-time, on-site construction inspection and monitoring services for Contract No. PATCO-59-2017, Way Interlocking and Subway Structure Rehabilitation. The services will include a 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. PATCO-59-2017 consists of replacement of four turnouts, one crossing diamond, concrete and steel repairs, as well as lighting improvements in the Camden Subway.

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 July 2, 2019. Four (4) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of three (3) staff engineers evaluated the Proposals on the basis of Technical merit.

AECOM was one of the highest technically ranked firms. The proposed Project Manager has previous experience with rehabilitation projects and has been very responsive on past DRPA projects. The proposed Resident Engineer has over 11 years of experience in similar railroad projects. AECOM’s Inspection Team has 30-50 years of experience inspecting track projects similar to those required for this contract. Overall, the team assembled by AECOM 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, AECOM’s price was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with AECOM Technical Services, Inc. for the costs and associated fees not to exceed $1,697,680.00 to provide engineering services in accordance with the Request for Proposal.

SUMMARY:

Amount: $1,697,680.00
Source of Funds: 2018 A Revenue Bonds
Operating Budget: N/A
Master Plan Status: N/A
Other Fund Sources: N/A
Duration of Contract: 16 months
Other Parties Involved: N/A
Estimated Number of Jobs Supported: 7
RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of AECOM Technical Services, Inc. to provide Construction Monitoring Services for Contract No. PATCO-59-2017, Way Interlocking and Subway Structure Rehabilitation and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with AECOM Technical Services, Inc. for an amount not to exceed $1,697,680.00, 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:  
Amount: $1,697,680.00
Source of Funds: 2018 A Revenue Bonds
Capital Project #: PTD.01504
Operating Budget: N/A
Master Plan Status: N/A
Other Fund Sources: N/A
Duration of Contract: 16 months
Other Parties Involved: N/A
Estimated Number of Jobs Supported: 7
MEMORANDUM

DELAWARE RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: O&M Committee Members
FROM: Michael P. Venuto, Chief Engineer
DATE: June 22, 2020

The Request for Qualifications (RFQs), which was posted on the Authority’s web-site, invited consultants to submit Statements of Qualifications (SOQs). Five (5) firms submitted SOQs on July 2, 2019.

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:

AECOM Technical Services, Incorporated
Gannett Fleming
Rail Pros
WSP USA.

The short listed firms were sent a RFP on December 12, 2019. The Technical Proposals and separate sealed Price Proposals were received on January 31, 2020 from AECOM, Gannett Fleming, Rail Pros, and WSP USA. The Review Committee, consisting of three (3) staff engineers, reviewed and evaluated the Technical Proposals.

AECOM was one of the highest technically ranked firms. The proposed Project Manager has previous experience with rehabilitation projects and has been very responsive on past DRPA projects. The proposed Resident Engineer has over 11 years experience in similar size highway and bridge 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 opened and negotiations commence using other recommended firm’s Price Proposals and the Engineer’s Estimate in the amount of $2,340,000.00, as a guide. Price Proposals were opened on March 30, 2020.
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
|------|-----------------|-------|-------------------------|-------------
|      | Engineer’s Estimate | 14,732 | $2,340,000.00           |             |
| 1    | Gannett Fleming  | 20,326 | $3,633,712.00           | N/A         |
| 2    | AECOM           | 14,936 | $1,697,680.00           | N/A         |
| 3    | WSP USA         | 9,158  | $1,193,837.00           | N/A         |
| 4    | Rail Pros       | N/A    | N/A                     | N/A         |

The Price Proposal from the highest technically ranked firm, Gannett Fleming, dated January 31, 2020 was reviewed by Engineering Department staff. It was observed to be 55% higher than the Engineer’s Estimate. Based on the Review Committee’s findings and review of the Price Proposals from Gannett Fleming and AECOM, it has been determined that the proposal and cost estimate from AECOM to be fair and reasonable and therefore the committee recommends that an Engineering Services Agreement be issued to AECOM Technical Services, Inc.

Based on a review of the Review Committee’s evaluation and supporting documentation, I concur with the recommendation to engage AECOM Technical Services, Inc. of Philadelphia, Pennsylvania, in the amount of $1,697,680.00 for this Agreement.

MPH:ala