SUMMARY STATEMENT

ITEM NO.: DRPA-18-060  SUBJECT: Professional Services for DRPA Asset Management Program

COMMITTEE: Operations & Maintenance

COMMITTEE MEETING DATE: June 12, 2018

BOARD ACTION DATE: June 20, 2018

PROPOSAL: That the Board authorizes staff to negotiate an agreement with WSP to provide Professional Support Services for the DRPA Asset Management Program.

Amount: $1,359,895

Consultant: WSP

Other Consultants: AECOM
Amec Foster Wheeler
Gannett Fleming
Jacobs Engineering

Engineers Estimate: $1,019,988

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

Consultant Proposed MBE/WBE Commitments:
MBE: 10%
WBE: 7%

PURPOSE: The purpose of this project is to provide professional services for the development, implementation, and execution of a DRPA organization-wide asset management program.

BACKGROUND: It is the intention of the DRPA to engage a consulting engineering firm with the required experience to develop a centralized Asset Management Plan that will track and monitor the age and condition of all its major assets including the Benjamin Franklin Bridge, the Walt Whitman Bridge, the Commodore Barry Bridge, the Betsy Ross Bridge, One Port Center, and the Authority’s transit subsidiary, PATCO.
The Asset Management Program will identify the data and processes needed for decision-making that ensures the DRPA’s limited resources can be allocated to the most critical State of Good Repair projects. By implementing the tools and procedures needed to support the Asset Management Program, DRPA seeks to improve its stewardship over its physical assets, identify risks, reduce maintenance and life cycle costs, make better informed capital investment decisions, and enhance quality of service.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Eleven (11) firms responded with Statements of Qualifications on November 30th, 2018. Five (5) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of five (5) DRPA and PATCO personnel evaluated the Proposals on the basis of Technical merit.

WSP was the highest technically ranked firm. WSP described each of the tasks and phases in detail; highlighting the need for proper mobilization to set up the success of the project and identifying the roles and responsibilities for each task and subsequent deliverables. WSP has experience working on PANYNJ enterprise asset management, Amtrak enterprise asset management, MTA enterprise asset management, and WMATA transit asset management. WSP is proposing Larissa James as project manager; although she is new to WSP, she has over 25-years of experience in asset management in rail and transportation sectors. Overall, the team assembled WSP 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, WSP’s price was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with WSP for the costs and associated fees not to exceed $1,359,895 to provide professional services in accordance with the Request for Proposal.

SUMMARY: Amount: $1,359,895
**SUMMARY STATEMENT**

**O&M June 12, 2018**

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source of Funds:</td>
<td>General Fund</td>
</tr>
<tr>
<td>Capital Project #:</td>
<td>N/A</td>
</tr>
<tr>
<td>Operating Budget:</td>
<td>N/A</td>
</tr>
<tr>
<td>Master Plan Status:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Fund Sources:</td>
<td>N/A</td>
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<tr>
<td>Duration of Contract:</td>
<td>Professional Services, 20 months</td>
</tr>
<tr>
<td>Other Parties Involved:</td>
<td>N/A</td>
</tr>
<tr>
<td>Estimated Number of Jobs Supported:</td>
<td>3.3</td>
</tr>
</tbody>
</table>
RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of WSP to provide Design Services for DRPA Asset Management Program and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with WSP for an amount not to exceed $1,359,895 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: $1,359,895  
Source of Funds: General Fund  
Capital Project #: N/A  
Operating Budget: N/A  
Master Plan Status: N/A  
Other Fund Sources: N/A  
Duration of Contract: Professional Services, 20 months  
Other Parties Involved: N/A  
Estimated Number of Jobs Supported: 3.3
MEMORANDUM

DELAWARE RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: O&M Committee Members
FROM: Michael P. Venuto, Chief Engineer
DATE: June 12, 2018

The Request for Qualifications (RFQs), which was posted on the Authority’s web-site, invited consultants to submit Statements of Qualifications (SOQs). Eleven (11) firms submitted Statements of Qualifications on November 30, 2018. Five (5) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of five (5) DRPA and PATCO personnel evaluated the Proposals on the basis of Technical merit.

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, Amec Foster Wheeler, Gannett Fleming, Jacobs Engineering, and WSP.

The short-listed firms were sent a RFP on January 2, 2018. The Technical Proposals and separate sealed Price Proposals were received on February 6, 2018 from AECOM, Amec Foster Wheeler, Gannett Fleming, Jacobs Engineering, and WSP. The Review Committee, consisting of five (5) DRPA and PATCO personnel, reviewed and evaluated the Technical Proposals.

WSP was the highest technically ranked firm. WSP described each of the tasks and phases in detail; highlighting the need for proper mobilization to set up the success of the project and identifying the roles and responsibilities for each task and subsequent deliverables. WSP has experience working on PANYNJ enterprise asset management, Amtrak enterprise asset management, MTA enterprise asset management, and WMATA transit asset management. WSP is proposing Larissa James as project manager; although she is new to WSP, she has over 25-years of experience in asset management in rail and transportation sectors. Overall, the team assembled WSP 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 $1,019,988 as a guide. Price Proposals were opened on February 26, 2018.
Below are the Technical Proposal rankings, proposed hours and fees of these firms, along with the Engineer’s estimate of hours.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Firm</th>
<th>Hours</th>
<th>Original Price Proposal</th>
<th>Negotiated</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Engineer’s Estimate</td>
<td>6,143</td>
<td>$1,019,988</td>
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<tr>
<td>1</td>
<td>WSP</td>
<td>9,304</td>
<td>$1,648,769</td>
<td>6,894</td>
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<td>$1,359,895</td>
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<tr>
<td>2</td>
<td>AECOM</td>
<td>5,768</td>
<td>$1,187,452</td>
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<tr>
<td>3</td>
<td>Gannett Fleming</td>
<td>7,734</td>
<td>$1,609,692</td>
<td></td>
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<tr>
<td>4</td>
<td>Jacobs Engineering</td>
<td>11,629</td>
<td>$1,890,225</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Amec Foster Wheeler</td>
<td>Not Opened</td>
<td>Not Opened</td>
<td></td>
</tr>
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</table>

The Price Proposal from the highest technically ranked firm, WSP, dated February 6, 2018 was reviewed by Engineering Department staff. WSP was originally 62% higher than the Engineer’s Estimate and 4% higher than the average cost ($1,584,033). WSP was able to remove $288,873 from their cost proposal by simplifying the mapping effort from the use of LiDar to Google Earth desktop mapping, reduction in effort for Commodore Barry Bridge inventory, simplification of the asset tagging effort to focus on high asset level assets, removal of duplicated efforts at the subconsultant efforts, and reallocation of VP level personnel spread out to the project manager and deputy project manager. DRPA personnel do not believe that the simplification of some of these efforts compromise the integrity of the initial proposal set forth by WSP to complete the task of developing the DRPA Asset Management Program. Committee’s findings the Price Proposal of $1,359,895 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, WSP.

Based on a review of the Review Committee’s evaluation and supporting documentation, I concur with the recommendation to engage WSP of Philadelphia, PA in the amount of $1,359,895 for this Agreement.