

**SUMMARY STATEMENT**

**ITEM NO.: DRPA-17-106**

**SUBJECT: Professional Services for 2018  
Biennial Inspection of the Commodore  
Barry Bridge**

**COMMITTEE:**

**Operations and Maintenance**

**COMMITTEE MEETING DATE:**

**November 28, 2017**

**BOARD ACTION DATE:**

**December 6, 2017**

**PROPOSAL:**

**That the Board authorizes staff to negotiate an agreement with AECOM Technical Services to provide engineering services required to perform the 2018 Biennial Inspection of the Commodore Barry Bridge.**

**Amount: \$627,000.00**

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

**Other Consultants: HAKS Engineers, Architects, and Land  
Surveyors, P.C.  
Modjeski & Masters  
Pickering, Corts & Summerson, Inc.  
Stantec Consulting Services**

**Engineers Estimate: \$725,000.00**

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

**Consultant Proposed Goals**

**MBE %: 8.1%  
WBE %: 22.2%**

**PURPOSE:**

**To provide consulting engineering services for the 2018 Biennial Inspection of the Commodore Barry Bridge.**

**BACKGROUND:**

**Under the Delaware River Port Authority's (DRPA) Bond Indentures dated 1995, 1998 and 1999, the DRPA is obligated to inspect all DRPA**

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**O&M Committee: 11/28/17**

**Professional Services  
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facilities every second calendar year; the Indenture further states that an inspection report be submitted on or before October 1 of every second calendar year. In the past years, the Commissioners have authorized payment from the Revenue Fund for services rendered. The most recent biennial inspection of the Commodore Barry Bridge facility occurred in the summer of 2016. In order to satisfy the Authority's Bond Indenture and in order to assist in developing a plan for maintaining this facility, it is necessary to perform this biennial inspection of the Commodore Barry Bridge.

The work would include close visual "hands on" inspection of all bridge components and systems, preparation of a 2018 Biennial Inspection Report for the Commodore Barry Bridge and completion of Structure Inventory and Appraisal forms and Bridge Management forms as required by the Commonwealth of Pennsylvania and State of New Jersey, respectively.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Fourteen (14) firms responded with Statements of Qualifications on Thursday, March 23, 2017. Five (5) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of four (4) staff engineers evaluated the Proposals on the basis of Technical merit.

AECOM Technical Services was the highest technically ranked firm. The proposed Project Manager has previous experience with major bridge inspection projects and has been responsive on other projects for the Authority. AECOM Technical Services' Inspection Team has many years' experience inspecting bridges similar to those required for this contract. Overall, the team assembled by AECOM Technical Services 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, AECOM Technical Services' price was determined to be fair and reasonable.

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**O&M Committee: 11/28/17**

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**It is recommended that an engineering services agreement be negotiated with AECOM Technical Services for the costs and associated fees not to exceed \$627,000.00 to provide engineering services in accordance with the Request for Proposal.**

<b>SUMMARY:</b>	<b>Amount:</b>	<b>\$ 627,000.00</b>
	<b>Source of Funds:</b>	<b>Revenue Fund</b>
	<b>Capital Project #:</b>	<b>N/A</b>
	<b>Operating Budget:</b>	<b>N/A</b>
	<b>Master Plan Status:</b>	<b>N/A</b>
	<b>Other Fund Sources:</b>	<b>N/A</b>
	<b>Duration of Contract:</b>	<b>12 Months</b>
	<b>Other Parties Involved:</b>	<b>N/A</b>
	<b>Estimated Number of Jobs Supported:</b>	<b>2</b>

**DRPA-17-106**  
**Operations and Maintenance Committee: November 28, 2017**  
**Board Date: December 6, 2017**  
**Professional Services for 2018 Biennial**  
**Inspection of the Commodore Barry Bridge**

**RESOLUTION**

**RESOLVED:** That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of AECOM Technical Services to provide Professional Services for 2018 Biennial Inspection of the Commodore Barry Bridge and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with AECOM Technical Services for an amount not to exceed \$627,000.00 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.

<b>SUMMARY:</b>	<b>Amount:</b>	<b>\$627,000.00</b>
	<b>Source of Funds:</b>	<b>Revenue Fund</b>
	<b>Capital Project #:</b>	<b>N/A</b>
	<b>Operating Budget:</b>	<b>N/A</b>
	<b>Master Plan Status:</b>	<b>N/A</b>
	<b>Other Fund Sources:</b>	<b>N/A</b>
	<b>Duration of Contract:</b>	<b>12 Months</b>
	<b>Other Parties Involved:</b>	<b>N/A</b>
	<b>Estimated Number of</b>	
	<b>Jobs Supported:</b>	<b>2</b>



## **MEMORANDUM**

**DELAWARE RIVER PORT AUTHORITY**  
*of Pennsylvania & New Jersey*

**TO:** O&M Committee Members  
**FROM:** Michael P. Venuto, Chief Engineer  
**SUBJECT:** Professional Services for 2018 Biennial Inspection of the Commodore Barry Bridge  
Technical Proposal Evaluation, Findings and Recommendation Report  
**DATE:** November 17, 2017

The Request for Qualifications (RFQs), which was posted on the Authority's web-site, invited consultants to submit Statements of Qualifications (SOQs). Fourteen (14) firms submitted SOQs on March 23, 2017.

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, HAKS Engineers, Architects, and Land Surveyors, P.C., Modjeski & Masters, Pickering, Corts & Summerson, Inc., and Stantec Consulting Services.

The short listed firms were sent a RFP. The Technical Proposals and separate sealed Price Proposals were received on September 26, 2017. The Review Committee, consisting of four (4) staff engineers, reviewed and evaluated the Technical Proposals.

AECOM Technical Services was the highest technically ranked firm. The proposed Project Manager has previous experience with major bridge inspection projects and has been responsive on past DRPA projects. Overall, the team assembled by AECOM Technical Services 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 \$725,000.00, as a guide. Price Proposals were opened on October 27, 2017.

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	
				Hours	Fee
	Engineer's Estimate	3100	\$725,000		
1	AECOM Technical Services	2820	\$627,000		
2	HAKS	3453	\$718,000		
3	Modjeski & Masters	3180	\$648,000		
4	Pickering, Corts & Summerson	3106	\$683,000		
5	Stantec Consulting Services	3017	\$642,000		

The Price Proposal from the five recommended firms were opened and the Price Proposal from AECOM Technical Services, dated September 26, 2017 was reviewed by Engineering Department staff. It was observed to be 14% lower than the Engineer's Estimate. Based on the Review Committee's findings the Price Proposal of AECOM Technical Services 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 Technical Services.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage AECOM Technical Services of Philadelphia, PA in the amount of \$627,000.00 for this Agreement.

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