

**SUMMARY STATEMENT**

**ITEM NO. DRPA-17-028**                                      **SUBJECT: Design Services for Betsy Ross Bridge NJ Route 90 Resurfacing**

**COMMITTEE:**    **Operations & Maintenance**

**COMMITTEE MEETING DATE:**                                      **April 4, 2017**

**BOARD ACTION DATE:**    **April 19, 2017**

**PROPOSAL:**                      **That the Board authorizes staff to negotiate an agreement with Cherry, Weber and Associates, PC to provide Design, Bidding and Award, and Construction Support Services for the Betsy Ross Bridge NJ Route 90 Resurfacing.**

**Amount:**    **\$1,075,978.44**

**Consultant:**    **Cherry, Weber and Associates, PC**

**Other Consultants:**    **AECOM Technical Services, Inc.  
Gannett Fleming, Inc.  
McCormick Taylor, Inc.  
STV Incorporated**

**Engineers Estimate:**    **\$1,028,991.50**

**PURPOSE:**                      **The purpose of this project is to provide design services in connection with NJ Route 90 resurfacing at the Betsy Ross Bridge.**

**BACKGROUND:**                      **The scope of work includes field investigations, verification of existing conditions, preparation of a design services report and a final design package including plans, specifications, cost estimates and a construction schedule with which the Authority may solicit bids from construction contractors to accomplish all tasks.**

**The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Nine (9) firms responded with Statements of Qualifications on June 30, 2016. 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.**

**Cherry, Weber and Associates, PC was the highest technically ranked firm. The proposed Project Manager has 31 years experience and previously worked on bridge resurfacing projects for DRJTBC and PennDOT. Cherry, Weber and Associates, PC's Team has many years experience with evaluation, testing, and repair recommendations for roadways and bridges similar to those required for this contract. Overall, the team assembled by Cherry, Weber and Associates, PC 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, Cherry, Weber and Associates, PC's price was determined to be fair and reasonable.**

**It is recommended that an engineering services agreement be negotiated with Cherry, Weber and Associates, PC for the costs and associated fees not to exceed \$1,075,978.44 to provide engineering services in accordance with the Request for Proposal.**

<b>SUMMARY:</b>	<b>Amount:</b>	<b>\$1,075,978.44</b>
	<b>Source of Funds:</b>	<b>General Fund and 2013 Revenue Bonds</b>
	<b>Capital Project #:</b>	<b>RB1702</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>Design Services, 7 months; Bidding and Award and Construction Support Services, approximately 2 months from issuance of Contractor Notice to Proceed</b>
	<b>Other Parties Involved:</b>	<b>N/A</b>
	<b>Estimated Number of Jobs Supported:</b>	<b>4</b>

**RESOLUTION**

**RESOLVED:** That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of Cherry, Weber and Associates, PC to provide Design Services for Betsy Ross Bridge NJ Route 90 Resurfacing and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with Cherry, Weber and Associates, PC for an amount not to exceed \$1,075,978.44, 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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	<b>Source of Funds:</b>	<b>General Fund and 2013 Revenue Bonds</b>
	<b>Capital Project #:</b>	<b>RB1702</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>Design Services, 7 months; Bidding and Award and Construction Support Services, approximately 2 months from issuance of Contractor Notice to Proceed</b>
	<b>Other Parties Involved:</b>	<b>N/A</b>
	<b>Estimated Number of Jobs Supported:</b>	<b>4</b>



## **MEMORANDUM**

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

**TO:** O&M Committee Members  
**FROM:** Michael P. Venuto, Chief Engineer  
**SUBJECT:** Professional Service Selection for  
Design Services for Betsy Ross Bridge NJ Route 90 Resurfacing  
Technical Proposal Evaluation, Findings and Recommendation Report  
**DATE:** March 23, 2017

The Request for Qualifications (RFQs), which was posted on the Authority's web-site, invited consultants to submit Statements of Qualifications (SOQs). Nine (9) firms submitted SOQs on June 30, 2016.

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, Inc., Cherry, Weber and Associates, PC, Gannett Fleming, Inc., McCormick Taylor, Inc., and STV Incorporated.

The short listed firms were sent a RFP on January 3, 2017. The Technical Proposals and separate sealed Price Proposals were received on February 2, 2017 from AECOM Technical Services, Inc., Cherry, Weber and Associates, PC, Gannett Fleming, Inc., McCormick Taylor, Inc., and STV Incorporated. The Review Committee, consisting of four (4) staff engineers, reviewed and evaluated the Technical Proposals.

Cherry, Weber and Associates, PC was the highest technically ranked firm. The proposed Project Manager has 31 years experience and previously worked on bridge resurfacing projects for DRJTBC and PennDOT. Cherry, Weber and Associates, PC's Team has many years experience with evaluation, testing, and repair recommendations for roadways and bridges similar to those required for this contract. Overall, the team assembled by Cherry, Weber and Associates, PC 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 \$1,028,991.50, as a guide. Price Proposals were opened on February 21, 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	7,266	\$1,028,991.50		
1	Cherry, Weber and Associates, PC	10,362	\$1,241,572.37	8,915	\$1,075,978.44
2	McCormick Taylor, Inc.	6,934	\$ 899,728.19		
3	Gannett Fleming, Inc.	7,911	\$1,238,732.92		
T4	AECOM Technical Services, Inc.	10,730	\$1,387,251.05		
T4	STV Incorporated	8,874	\$1,196,371.61		

The Price Proposal from the highest technically ranked firm, Cherry, Weber and Associates, PC, dated February 2, 2017 was reviewed by Engineering Department staff. It was observed to be 20.66% higher than the Engineer's Estimate. This was a result of the estimated man-hours being greater than the Engineer's Estimate. Discussions were held and Cherry, Weber and Associates, PC believed they had a better understanding of the scope of work needed and as a result they could lower man-hours. Negotiations commenced which resulted in a final Price Proposal in an amount of \$1,075,978.44. Based on the Review Committee's findings the Price Proposal of Cherry, Weber and Associates, PC 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, Cherry, Weber and Associates, PC.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage Cherry, Weber and Associates, PC of Freehold, NJ, in the amount of \$1,075,978.44 for this Agreement.

SRD:sln