

## SUMMARY STATEMENT

**ITEM NO.:** DRPA-16-087

**SUBJECT:** Construction Monitoring Services for Contract No. CB-31-2016, Commodore Barry Bridge Painting Phase II – PA Approach Spans

**COMMITTEE:**

Operations and Maintenance

**COMMITTEE MEETING DATE:**

August 2, 2016

**BOARD ACTION DATE:**

August 17, 2016

**PROPOSAL:** That the Board authorizes staff to negotiate an agreement with KS Engineers, PC to provide Construction Monitoring Services for Contract No. CB-31-2016, Commodore Barry Bridge Painting Phase II – PA Approach Spans.

**Amount:** \$2,406,634.74

**Consultant:** KS Engineers, PC  
494 Broad Street, 4th Floor  
Newark, New Jersey 07102

**Other Consultants:** Greenman-Pedersen, Inc.  
Johnson, Mirmiran & Thompson  
STV, Inc.

**Engineers Estimate:** \$2,756,553.60

**PURPOSE:** To provide full-time, on-site construction inspection and monitoring services for Contract No. CB-31-2016, Commodore Barry Bridge Painting Phase II – PA Approach Spans. 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. CB-31-2016 consists of blast cleaning and painting the Pennsylvania approach spans of the Commodore Barry Bridge and toll plaza.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Six (6) firms responded with Statements of Qualifications on March 17, 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.**

**KS Engineers, PC was the highest technically ranked firm. The proposed Project Manager has over 42 years of experience and has previous experience with bridge rehabilitation projects. The Resident Engineer has over 35 years of experience including the construction monitoring of bridge painting and bridge rehabilitation projects. The Resident Engineer has the required Professional Engineering licenses and is also NACE certified. Overall, the team assembled by KS Engineer's, 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, KS Engineers, PC's price was determined to be fair and reasonable.**

**It is recommended that an engineering services agreement be negotiated with KS Engineers, PC for the costs and associated fees not to exceed \$2,406,634.74 to provide engineering services in accordance with the Request for Proposal.**

<b>SUMMARY:</b>	<b>Amount:</b>	<b>\$2,406,634.74</b>
	<b>Source of Funds:</b>	<b>2013 Revenue Bonds</b>
	<b>Capital Project #:</b>	<b>CB1203</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>660 Calendar Days</b>
	<b>Other Parties Involved:</b>	<b>N/A</b>
	<b>Estimated Number of Jobs Supported:</b>	<b>8</b>

**DRPA-16-087**  
**Operations and Maintenance Committee: August 2, 2016**  
**Board Date: August 17, 2016**  
**Construction Monitoring Services for**  
**Contract No. Contract No. CB-31-2016,**  
**Commodore Barry Bridge Painting**  
**Phase II – PA Approach Spans**

**RESOLUTION**

**RESOLVED:** That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of KS Engineers, PC to provide Construction Monitoring Services for Contract No. Contract No. CB-31-2016, Commodore Barry Bridge Painting Phase II – PA Approach Spans and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with KS Engineers, PC for an amount not to exceed \$2,406,634.74, 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>Estimated Number of</b>	
	<b>Jobs Supported:</b>	<b>8</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  
Construction Monitoring Services for DRPA Contract No. CB-31-2016  
Commodore Barry Bridge Painting Phase II – Pennsylvania Approach Spans  
Technical Proposal Evaluation, Findings and Recommendation Report  
**DATE:** July 25, 2016

The Request for Qualifications (RFQs), which was posted on the Authority's web-site, invited consultants to submit Statements of Qualifications (SOQs). Six (6) firms submitted SOQs on March 17, 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:

GREENMAN-PEDERSEN, INC.  
JOHNSON, MIRMIRAN & THOMPSON  
KS ENGINEERS, PC  
STV, INC  
URBAN ENGINEERS

The short listed firms were sent a RFP on May 10, 2016. The Technical Proposals and separate sealed Price Proposals were received on June 2, 2016 from Greenman-Pedersen, Inc., Johnson, Mirmiran & Thompson, KS Engineers, PC and STV, INC. The Review Committee, consisting of four (4) staff engineers, reviewed and evaluated the Technical Proposals.

KS Engineers, PC was the highest technically ranked firm. The proposed Project Manager has over 42 years of experience and has previous experience with bridge rehabilitation projects. The Resident Engineer has over 35 years of experience including the construction monitoring of bridge painting and bridge rehabilitation projects. The Resident Engineer has the required Professional Engineering licenses and is also NACE certified. Overall, the team assembled by KS Engineers, 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 \$2,756,533.60, as a guide. Price Proposals were opened on June 23, 2016.

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	
				Fee	Hours
	Engineer's Estimate	25,304	\$2,756,533.60	-	-
1	KSE	18,948	\$2,682,737.65	\$ 2,406,634.74	16,676
2	GPI	22,527	\$4,142,912.58	-	-
3	JMT	26,388	\$3,264,852.03	-	-
4	STV	17,522	\$2,388,258.31	-	-

The Price Proposal from the highest technically ranked firm, KS Engineers, PC, dated June 2, 2016 was reviewed by Engineering Department staff. It was observed to be 8% lower than the Engineer's Estimate. The proposal from \$ KS Engineers, PC did not have as many hours as in the engineer's estimate and the billing rates used in the engineer's estimate were lower than the actual billing rates of KS Engineers, PC. Negotiations commenced which resulted in a final Price Proposal in an amount of \$ 2,406,634.74. Based on the Review Committee's findings the Price Proposal of KS Engineers, 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, KS Engineers, PC.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage KS Engineers, PC of Newark, New Jersey in the amount of \$2,406,634.74 for this Agreement.

:arj