

SUMMARY STATEMENT

ITEM NO.: DRPA-17-066

SUBJECT: Construction Monitoring Services for Contract No. BR-19-2016, Betsy Ross Bridge Painting and Steel Repairs Phase 1: New Jersey Approach Spans

COMMITTEE:

Operations and Maintenance

COMMITTEE MEETING DATE:

September 12, 2017

BOARD ACTION DATE:

September 20, 2017

PROPOSAL: That the Board authorizes staff to negotiate an agreement with STV, Inc. to provide Construction Monitoring Services for Contract No. BR-19-2016, Betsy Ross Bridge Painting and Steel Repairs Phase 1: New Jersey Approach Spans.

Amount: \$2,524,172.76

Consultant: STV, Inc.
1009 Lenox Drive, Suite 102A
Lawrenceville, New Jersey 08648

Other Consultants: Gannett-Fleming, Inc.
Greenman-Pedersen, Inc.

Engineers Estimate: \$2,297,640.00

MBE/WBE Goals: MBE: 8%
WBE: 3%

Consultant Proposed
MBE/WBE Commitments: MBE: 8.3%
WBE: 4.3%

PURPOSE: To provide full-time, on-site construction inspection and monitoring services for Contract No. BR-19-2016, Betsy Ross Bridge Painting and Steel Repairs Phase 1: New Jersey 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. BR-19-2016 consists of

blasting and repainting of the New Jersey approach spans of the Betsy Ross Bridge.

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 3, 2017. Five (5) firms were deemed qualified and were sent a formal Request for Proposal but only three (3) firms submitted technical proposals. A review committee of three (3) staff engineers evaluated the Proposals on the basis of Technical merit.

STV, Inc. was the highest technically ranked firm. The proposed Project Manager has 26 years of experience with several long-span bridge projects and the Project Manager was on the highly successful Walt Whitman Bridge Redecking project. The proposed Resident Engineer has great experience in long-span bridge painting projects and is a NACE certified professional engineer. Also the proposed inspection staff are NACE certified with extensive long-span bridge painting projects. Overall, the team assembled by STV, Inc. 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, STV, Inc.'s price was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with STV, Inc. for the costs and associated fees not to exceed \$2,524,172.76 to provide engineering services in accordance with the Request for Proposal.

SUMMARY:	Amount:	\$2,524,172.76
	Source of Funds:	2013 Revenue Bonds
	Capital Project #:	BR1602
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	750 Calendar Days

SUMMARY STATEMENT
O&M September 12, 2017

**Construction Monitoring Services for
Contract No. BR-19-2016, Betsy Ross
Bridge Painting and Steel Repairs
Phase 1: New Jersey Approach Spans**

Other Parties Involved: N/A
Estimated Number of
Jobs Supported: 9

DRPA-17-066
Operations and Maintenance Committee: September 12, 2017
Board Date: September 20, 2017
Construction Monitoring Services for
Contract No. BR-19-2016, Betsy Ross
Bridge Painting and Steel Repairs Phase 1:
New Jersey Approach Spans

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of STV, Inc. to provide Construction Monitoring Services for Contract No. BR-19-2016, Betsy Ross Bridge Painting and Steel Repairs Phase 1: New Jersey Approach Spans and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with STV, Inc. for an amount not to exceed \$2,524,172.76, 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:	\$2,524,172.76
	Source of Funds:	2013 Revenue Bonds
	Capital Project #:	BR1602
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	750 Calendar Days
	Other Parties Involved:	N/A
	Estimated Number of	
	Jobs Supported:	9



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. BR19-2016
Betsy Ross Bridge Painting and Steel Repairs Phase 1:
New Jersey Approach Spans
Technical Proposal Evaluation, Findings and Recommendation Report

DATE: July 26, 2017

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 3, 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:

Gannet Fleming, Inc.
Greenman-Pedersen, Inc.
Maser Consulting, PA
STV, Inc.
Urban Engineers, Inc.

The short listed firms were sent a RFP on April 18, 2017. The Technical Proposals and separate sealed Price Proposals were received on May 16, 2017 from Gannet Fleming, Inc., Greenman-Pedersen, Inc. and STV, Inc. The Review Committee, consisting of three (3) staff engineers, reviewed and evaluated the Technical Proposals.

STV, Inc. was the highest technically ranked firm. The proposed Project Manager has 26 years of experience with several long span bridge projects and the Project Manager was on the highly successful Walt Whitman Bridge Redecking project. The proposed Resident Engineer has great experience in long span bridge painting project and is a NACE certified professional engineer. Also the proposed inspections staff are NACE certified with extensive long span bridge painting projects. Overall, the team assembled by STV, Inc. 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 \$2,297,640.00, as a guide. Price Proposals were opened on June 19, 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	19,704	\$2,297,640.00		
1	STV, Inc.	20,493	\$2,705,382.93	19,744	\$2,524,172.76
2	Gannett-Fleming, Inc.	16,223	\$2,642,206.23	-	-
3	Greenman-Pedersen, Inc.	22,127	\$4,136,186.61	-	-

The Price Proposal from the highest technically ranked firm, STV, Inc., dated May 16, 2017 was reviewed by Engineering Department staff. It was observed to be 17.7% higher than the Engineer's Estimate. This was due to a higher number of overall hours and higher billing rates than expected for the staff. Negotiations commenced which resulted in a final Price Proposal in an amount of \$2,524,172.76. Based on the Review Committee's findings the Price Proposal of STV, Inc. 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, STV, Inc.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage STV, Inc. of Philadelphia, PA, in the amount of \$2,524,172.76 for this Agreement.

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