

SUMMARY STATEMENT

ITEM NO.: DRPA-17-103

SUBJECT: Professional Services for 2018
Biennial Inspection of the Betsy Ross
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 HNTB Corporation to provide engineering services required to perform the 2018 Biennial Inspection of the Betsy Ross Bridge.

Amount: \$529,000.00

Consultant: HNTB Corporation
1650 Arch Street
Suite 1700
Philadelphia, PA 19103

Other Consultants: Ammann & Whitney
Greenman-Pedersen, Inc.
TranSystems Corporation
WSP USA Corporation

Engineers Estimate: \$501,000.00

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

Consultant Proposed Goals
MBE %: 9.2%
WBE %: 16.7%

PURPOSE: To provide consulting engineering services for the 2018 Biennial Inspection of the Betsy Ross 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 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

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authorized payment from the Revenue Fund for services rendered. The most recent biennial inspection of the Betsy Ross 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 Betsy Ross 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 Betsy Ross 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.

HNTB Corporation 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. HNTB Corporation's Inspection Team has many years' experience inspecting bridges similar to those required for this contract. Overall, the team assembled by HNTB Corporation 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, HNTB Corporation's price was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with HNTB Corporation for the costs and associated fees not to exceed \$529,000.00 to provide engineering services in accordance

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with the Request for Proposal.

SUMMARY:	Amount:	\$ 529,000.00
	Source of Funds:	Revenue Fund
	Capital Project #:	N/A
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	12 Months
	Other Parties Involved:	N/A
	Estimated Number of Jobs Supported:	2

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Operations and Maintenance Committee: November 28, 2017
Board Date: December 6, 2017
Professional Services for 2018 Biennial
Inspection of the Betsy Ross Bridge

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of HNTB Corporation to provide Professional Services for 2018 Biennial Inspection of the Betsy Ross Bridge and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with HNTB Corporation for an amount not to exceed \$529,000.00 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.

SUMMARY:	Amount:	\$529,000.00
	Source of Funds:	Revenue Fund
	Capital Project #:	N/A
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	12 Months
	Other Parties Involved:	N/A
	Estimated Number of	
	Jobs Supported:	2



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 Betsy Ross 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: Ammann & Whitney, Greenman-Pedersen, Inc., HNTB Corporation, TranSystems Corporation, WSP USA Corporation.

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

HNTB Corporation 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 HNTB Corporation 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 \$501,000.00 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	2550	\$501,000		
1	HNTB	2844	\$585,000	2800	\$529,000
2	WSP	2124	\$457,000		
2	A&W	2726	\$576,000		
4	GPI	3122	\$500,000		
5	TranSystems Corporation	3240	\$544,000		

The Price Proposal from the five recommended firms were opened and the Price Proposal from HNTB Corporation, dated September 26, 2017, was reviewed by Engineering Department staff. It was observed to be more than 17% higher than the Engineer's Estimate. Negotiations commenced which resulted in a final Price Proposal in an amount of \$529,000.00. Based on the Review Committee's findings the Price Proposal of HNTB Corporation 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, HNTB Corporation.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage HNTB Corporation of Philadelphia, PA, in the amount of \$529,000.00 for this Agreement.

EM:sn