

SUMMARY STATEMENT

ITEM NO.: DRPA-17-031

SUBJECT: Design Services for Benjamin Franklin Bridge Maintenance Painting and Steel Repair

COMMITTEE:

Operations & Maintenance

COMMITTEE MEETING DATE:

May 2, 2017

BOARD ACTION DATE:

May 17, 2017

PROPOSAL: That the Board authorizes staff to negotiate an agreement with HNTB Corporation to provide Design Services for the Benjamin Franklin Bridge Maintenance Painting and Steel Repair.

Amount: \$2,848,457.26

Consultant: HNTB Corporation

Other Consultants: Ammann & Whitney
Parsons Transportation Group
TranSystems Corporation

Engineers Estimate: \$3,102,000.00

PURPOSE: To provide engineering design services required to develop the most feasible and economical rehabilitation alternatives and final design for various sections of the Benjamin Franklin Bridge in Camden, New Jersey and Philadelphia, Pennsylvania. The goal is to maintain, improve and protect the transportation infrastructure.

BACKGROUND: Recent Biennial Inspections identified various sections of the bridge that are in need of repair and protective coatings. This project will address design activities required to develop a comprehensive bid package for the proposed maintenance painting, steel repair, concrete repair, maintenance access improvements, wind lock and link system rehabilitation and structural health monitoring.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Eight (8) firms responded with Statements of Qualifications on March 30, 2016. Six (6) firms were deemed qualified and were sent a formal Request for Proposal. One firm did not attend the mandatory preproposal meeting and one firm submitted the proposal late. A

review committee of four (4) staff engineers evaluated the Proposals on the basis of Technical merit.

HNTB Corporation and the proposed Project Manager have previous experience with rehabilitation projects, including the Benjamin Franklin Bridge. HNTB Corporation's team has experience inspecting and designing repairs 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 \$2,848,457.26 to provide engineering services in accordance with the Request for Proposal.

SUMMARY:	Amount:	\$2,848,457.26
	Source of Funds:	2013 Revenue Bonds (Series D) and General Funds
	Capital Project #:	BF1601
	Operating Budget:	N/A
	Master Plan Status:	N/A
	Other Fund Sources:	N/A
	Duration of Contract:	design and construction support thru 2021
	Other Parties Involved:	N/A
	Estimated Number of Jobs Supported:	10

DRPA-17-031
Operations & Maintenance Committee: May 2, 2017
Board Date: May 17, 2017
Design Services for
Benjamin Franklin Bridge Maintenance
Painting and Steel Repair

RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of HNTB Corporation to provide Design Services for Benjamin Franklin Bridge Maintenance Painting and Steel Repair 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 \$2,848,457.26 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:	\$2,848,457.26
	Source of Funds:	2013 Revenue Bonds (Series D) and General Funds
	Capital Project #:	BF1601
	Operating Budget:	N/A
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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 BFB Maintenance Painting and Steel Repair
Technical Proposal Evaluation, Findings and Recommendation Report
DATE: April 21, 2017

The Request for Qualifications (RFQs), which was posted on the Authority's web-site, invited consultants to submit Statements of Qualifications (SOQs). Eight (8) firms submitted SOQs on March 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.
Ammann & Whitney Consulting Engineers, PC
Greenman-Pedersen, Inc.
HNTB Corporation
Parsons Transportation Group, Inc.
TranSystems Corporation

The short listed firms were sent a RFP on August 17, 2016. The Technical Proposals and separate sealed Price Proposals were received on October 27, 2016 from Ammann & Whitney Consulting Engineers, PC; HNTB Corporation; Parsons Transportation Group, Inc.; and TranSystems Corporation. One firm did not attend the mandatory preproposal meeting and one firm submitted their proposal late. The Review Committee, consisting of four (4) staff engineers, reviewed and evaluated the Technical Proposals.

Currently, there are several design services project under the selection process. The highest ranked firm on this list has the same consultant project management team as another design services proposal under consideration. HNTB has had recent projects on the Benjamin Franklin Bridge and the proposed Project Manager has previous experience with rehabilitation projects including the Benjamin Franklin Bridge. HNTB's Team has experience inspecting and designing repairs similar to those required for this contract. Overall, the team assembled by HNTB 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 above as a guide. Price Proposals were opened on February 9, 2017.

Below are the Technical Proposal rankings, proposed hours and fees of these firms, along with the Engineer's estimate of hours.

Summary of Estimated Costs

Name of Firm	Ranking of Recommended Firms	Hours	Original Price Proposal	Negotiated Fee
Engineers Estimate		16,060	\$3,102,000	
Parsons Transportation Group	1	18,811	\$2,929,270	
HNTB Corporation	2	18,830	\$3,324,300	\$2,848,457.26
A&W Consulting Engineers	3	3,716	\$800,000	
TranSystems Corporation	4	13,336	\$1,805,530	

Discussions were held with HNTB. As a result, HNTB revised their cost estimate to \$2,848,457.26, which was below the Engineer's estimate. After discussions with the Authority, HNTB believed that they had a better understanding of the scope of work needed and as a result they could lower the cost. HNTB lowered the overhead rate.

In Summary, after review and evaluation of HNTB's revised cost proposal, it was determined that the costs presented were fair and reasonable for work specified. Therefore, HNTB's cost proposal of \$2,848,457.26 will be recommended for approval.

The revised Price Proposal from the selected firm, HNTB, dated April 20, 2017 was reviewed by Engineering Department staff.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage HNTB Corporation of Philadelphia, Pennsylvania, in the amount of \$2,848,457.26 for this Agreement.

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