SUMMARY STATEMENT

ITEM NO.: DRPA-11-061  SUBJECT: Construction Monitoring Services for Contract No. BF-31-2010, Benjamin Franklin Bridge Structural Improvements

COMMITTEE: Operations and Maintenance

COMMITTEE MEETING DATE: June 8, 2011

BOARD ACTION DATE: July 20, 2011

PROPOSAL: That the Board authorizes staff to negotiate an agreement with HNTB Corporation to provide Construction Monitoring Services for Contract No. BF-31-2010, Benjamin Franklin Bridge Structural Improvements.

Amount: $499,708.14

Consultant: HNTB Corporation
8 Penn Center, 7th Floor
1628 JFK Boulevard
Philadelphia, PA 19103

Other Consultants: Buchart Horn, Inc.
Greenman-Pedersen, Inc.
STV, Inc.
Urban Engineers, Inc.

Engineers Estimate: $740,320.00

PURPOSE: To provide on-site construction inspection and monitoring services for Contract No. BF-31-2010, Benjamin Franklin Bridge Structural Improvements. The services will include services of a Project Manager, Resident Engineer and support inspection staff for inspecting all contract field activities and monitoring the contractor’s compliance with the plans and specifications.

BACKGROUND: Various structural improvements have been recommended to be undertaken at the Benjamin Franklin Bridge for improved security. The structural improvements under Contract No. BF-31-2010 consists of installing casings at the suspender ropes and steel plates at the main cables. 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 April 14, 2010. Six (6) firms were deemed qualified and were sent a formal Request for Proposal. Five (5) of the six (6) short-listed firms submitted a Proposal on November 15, 2010. 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 rehabilitation projects and has been very responsive on past DRPA projects. The proposed Resident Engineer has over 15 years experience on long-span suspension rehabilitation projects. HNTB Corporation’s Inspection Team has many years experience 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, 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 $499,708.14 to provide engineering services in accordance with the Request for Proposal.

SUMMARY:

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount:</td>
<td>$499,708.14</td>
</tr>
<tr>
<td>Source of Funds:</td>
<td>2010 Revenue Bonds (Series D)</td>
</tr>
<tr>
<td>Capital Project #:</td>
<td>BF1004</td>
</tr>
<tr>
<td>Operating Budget:</td>
<td>N/A</td>
</tr>
<tr>
<td>Master Plan Status:</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Fund Sources:</td>
<td>N/A</td>
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<tr>
<td>Duration of Contract:</td>
<td>One (1) year</td>
</tr>
<tr>
<td>Other Parties Involved:</td>
<td>N/A</td>
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<tr>
<td>Estimated Number of Jobs Supported:</td>
<td>2</td>
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</table>
RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of HNTB Corporation to provide Construction Monitoring Services for Contract No. BF-31-2010, Benjamin Franklin Bridge Structural Improvements 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 $499,708.14, 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: $499,708.14
Source of Funds: 2010 Revenue Bonds (Series D)
Capital Project #: BF1004
Operating Budget: N/A
Master Plan Status: N/A
Other Fund Sources: N/A
Duration of Contract: One (1) year
Other Parties Involved: N/A
Estimated Number of Jobs Supported: 2
MEMORANDUM

DELTAKE RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: O&M Committee Members
FROM: Michael P. Venuto, Director of Engineering/Chief Engineer, Engineering
SUBJECT: Professional Service Selection for
Construction Monitoring Services for DRPA Contract No. BF-31-2010
Benjamin Franklin Bridge Structural Improvements
Technical Proposal Evaluation, Findings and Recommendation Report
DATE: June 8, 2011

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 April 14, 2010.

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: Buchart Horn, Inc., Greenman-Pedersen, Inc., HNTB Corporation, STV, Inc., and Urban Engineers, Inc.

The short listed firms were sent a RFP on March 29, 2011. The Technical Proposals and separate sealed Price Proposals were received on April 19, 2011 from Buchart Horn, Inc., Greenman-Pedersen, Inc., HNTB Corporation, STV, Inc., and Urban Engineers, Inc. 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 rehabilitation projects and has been very responsive on past DRPA projects. The proposed Resident Engineer has over 15 years experience on long-span suspension rehabilitation projects. HNTB Corporation’s Inspection Team has many years experience inspecting bridge rehabilitations 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.

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 $740,320.00, as a guide. Price Proposals were opened on May 17, 2011.
Below are the Technical Proposal rankings, proposed hours and fees of these firms, along with the Engineer’s estimate of hours.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Firm</th>
<th>Hours</th>
<th>Original Price Proposal</th>
<th>Negotiated Fee</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>HNTB Corporation</td>
<td>4,971</td>
<td>$499,708</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Greenman-Pedersen, Inc.</td>
<td>7,913</td>
<td>$1,020,152</td>
<td></td>
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<tr>
<td>3</td>
<td>STV, Inc.,</td>
<td>8,576</td>
<td>$947,089</td>
<td></td>
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<tr>
<td>4</td>
<td>Urban Engineers, Inc.</td>
<td>6,416</td>
<td>$752,662</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Buchart Horn, Inc.</td>
<td>7,192</td>
<td>$993,210</td>
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The Price Proposal from the highest technically ranked firm, HNTB Corporation, dated April 19, 2011, was reviewed by Engineering Department staff. It was observed to be lower than the Engineer’s Estimate. HNTB is currently providing CMS services for the BFB Deck Truss rehabilitation project. They are proposing a cost savings construction management plan by partially utilizing services of the Project Manager, Resident Engineer, and the field office assigned to that project and the required inspection coverage by qualified professional staff. It was 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 $499,708.14 for this Agreement.

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