SUMMARY STATEMENT

ITEM NO.: DRPA-11-065
SUBJECT: Design Services for the PATCO Lindenwold Yard Track Rehabilitation

COMMITTEE: Operations & Maintenance

COMMITTEE MEETING DATE: July 20, 2011

BOARD ACTION DATE: August 17, 2011

PROPOSAL: That the Board authorizes staff to negotiate an agreement with HNTB Corporation to provide Design Services for the PATCO Lindenwold Yard Track Rehabilitation Project.

Amount: $3,090,674.66

Consultant: HNTB Corporation

Other Consultants: AECOM Technical Services, Inc.
Gannett Fleming Transit and Rail Systems
Jacobs Engineering Group Inc.
STV Incorporated
SYSTRA Consulting, Inc.

Engineers Estimate: $2,885,110.60

PURPOSE: To provide engineering design services required to develop the most feasible and economical rehabilitation alternatives and final design for the Lindenwold Yard Track rehabilitation.

BACKGROUND: Recent Biennial Inspections identified sections of the yard tracks to be in need of repair and track components that have reached the end of their useful life. PATCO began using the Lindenwold Yard in 1968. The yard was initially constructed with twelve maintenance and storage yard tracks. The yard was expanded in 1979 to seventeen maintenance and storage yard tracks.

The work to be completed under this Agreement consists of track rehabilitation, turnout and switch rehabilitation, electrical improvements to the PATCO storage yard and maintenance building approach tracks. Ancillary work will include lighting improvements, additional track design at the Maintenance of Way building, paved
access paths for PATCO personnel to access the stored trains, and improvements to the Lindenwold Yard tower.

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 September 28, 2010. Six (6) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of five (5) staff engineers and PATCO representatives 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 and PATCO track projects. The proposed Project Manager has over 18 years experience in similar size transit yard projects. HNTB’s Team has many years experience designing track and turnouts 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.

This project involves the use of federal funding through the Federal Transit Administration (FTA). In accordance with the federally approved Brooks method of consultant selection, which is qualifications based, the Price Proposal submitted by HNTB Corporation was opened and evaluated against the Engineer’s Estimate. Based on this evaluation, a negotiated price of $3,090,674.66 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 $3,090,674.66 to provide engineering services in accordance with the Request for Proposal.
SUMMARY STATEMENT
Design Services for the PATCO
O&M 8/17/2011
Lindenwold Yard Track Rehabilitation

SUMMARY:  
Amount: $3,090,674.66  
Source of Funds: 2010 Revenue Bond (Series D)  
20% ($618,134.93)  
Capital Project #: PF0705  
Operating Budget: N/A  
Master Plan Status: N/A  
Other Fund Sources: Federal Transit Administration  
80% ($2,472,539.73)  
Duration of Contract: 270 Calendar Days  
Other Parties Involved: Federal Transit Administration  
Estimated Number of Jobs Supported: 11
RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of HNTB Corporation to provide Design Services for the PATCO Lindenwold Track Rehabilitation Project 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 $3,090,674.66 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:                                | $ 3,090,674.66 |
| Source of Funds:                       | 2010 Revenue Bond (Series D) |
| Source of Funds:                       | 20% ($618,134.93) |
| Capital Project #:                    | PF0705 |
| Operating Budget:                     | N/A |
| Master Plan Status:                   | N/A |
| Other Fund Sources:                   | Federal Transit Administration |
| Duration of Contract:                 | 270 Calendar Days |
| Other Parties Involved:               | Federal Transit Administration |
| Estimated Number of Jobs Supported:   | 11 |

80% ($2,472,539.73)
MEMORANDUM

DELTA 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 Design Services for PATCO Lindenwold Yard Track Rehabilitation Technical Proposal Evaluation, Findings and Recommendation Report
DATE: July 20, 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 September 28, 2011.

Since this project is partially funded by the Federal Transit Administration the Brooks method of consultant selection was used. 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 from the top ranked firms:

- AECOM Technical Services, Inc.
- Gannett Fleming Transit and Rail Systems
- HNTB Corporation
- Jacobs Engineering Group Inc.
- STV Incorporated
- SYSTRA Consulting, Inc.

The short listed firms were sent a RFP on February 7, 2011. The Technical Proposals were received on March 28, 2011 from AECOM Technical Services, Inc.; Gannett Fleming Transit and Rail Systems; HNTB Corporation; Jacobs Engineering Group Inc.; STV Incorporated; and SYSTRA Consulting, Inc. The Review Committee, consisting of five (5) staff engineers and a PATCO representative, 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 and PATCO track projects. The proposed Project Manager has over 18 years experience in similar size transit yard projects. HNTB’s Team has many years experience designing track and turnouts 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 requested from HNTB Corporation
and negotiations commence using the Engineer’s Estimate in the amount of $2,885,110.60, as a
guide. The Price Proposal was opened on June 7, 2011.

Below are the Technical Proposal rankings, proposed hours and fees of the firm, 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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<tr>
<td></td>
<td>Engineer’s Estimate</td>
<td>18,380</td>
<td>$2,885,110.60</td>
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<td>1</td>
<td>HNTB Corporation</td>
<td>18,448</td>
<td>$3,485,837.78</td>
<td>$3,090,674.66</td>
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<td>2</td>
<td>Jacobs Engineering Group Inc.</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>3</td>
<td>SYSTRA Consulting, Inc.</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

The Price Proposal from the highest technically ranked firm, HNTB Corporation, dated June 14, 2011
was reviewed by Engineering Department staff. It was observed to be 20% higher than the Engineer’s
Estimate. Negotiations commenced which resulted in a final Price Proposal in an amount of
$3,090,674.66. 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, Pennsylvania, in the amount of
$3,090,674.66 for this Agreement.