SUMMARY STATEMENT

ITEM NO.: DRPA-13-081
SUBJECT: PATCO
Outbound/Topographic Survey and Geographical Information System for DRPA

COMMITTEE: Operations & Maintenance

COMMITTEE MEETING DATE: July 10, 2013

BOARD ACTION DATE: July 17, 2013

PROPOSAL: That the Board authorizes staff to negotiate an agreement with Pennoni Associates, Inc. to provide Design Services for the PATCO Outbound/Topographic Survey and Geographical Information System for DRPA.

Amount: $1,640,712.24

Consultant: Pennoni Associates, Inc.

Other Consultants: Keller & Kirkpatrick, Inc.
KS Engineers, P.C.
Maser Consulting, P.A.
Taylor Wiseman & Taylor

Engineers Estimate: $1,800,000.00

PURPOSE: To engage the consulting engineering firm to conduct an outbound and topographic survey of the property encompassing the PATCO Right-of-Way and to develop a GIS system for all DRPA properties. The scope-of-work of this boundary survey portion will include conducting aerials and field surveys; conducting record research to supplement existing records of lands of interest to the DRPA at the PATCO Right-of-Way; provide topographic mapping of the DRPA holdings and associated properties; compute survey information in Pennsylvania and New Jersey coordinate systems; monument the outbound boundaries of the facility; indicate the boundary on the maps by metes and bounds; identify all aboveground and underground utilities serving or existing along the PATCO Right-of-Way. The scope-of-work of the Geographical Information System portion will include the development of a system to incorporate all DRPA properties into one system.

BACKGROUND: A notable amount of real estate growth and urban development has
occurred along and on the PATCO Right-of-Way since the original outbound survey was performed in 1977. Therefore, it has become necessary to establish the boundaries and document the conditions of the real estate along the PATCO Right-of-Way.

Numerous inquiries regarding property holdings, boundary limits, utility crossings and other property related issues have been address to DRPA and PATCO. In order to properly establish the limits of DRPA property, PATCO Right-of-Way, and adjacent property parcels, an extensive boundary and topographic survey and GIS system is required.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Eighteen (18) firms responded with Statements of Qualifications on October 11, 2012. Six (6) firms were deemed qualified and were sent a formal Request for Proposal. A review committee of three (3) DRPA and PATCO staff evaluated the Proposals on the basis of Technical merit.

Pennoni Associates, Inc. was the highest technically ranked firm. The proposed Project Manager has previous experience on Outbound Survey projects and has been very responsive on past DRPA projects. Pennoni’s Team has many years experience on boundary survey projects. Overall, the team assembled by Pennoni 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, Pennoni’s price was determined to be fair and reasonable.

It is recommended that an engineering services agreement be negotiated with Pennoni Associates, Inc. for the costs and associated fees not to exceed $1,640,712.24 to provide engineering services in accordance with the Request for Proposal.

<table>
<thead>
<tr>
<th>SUMMARY:</th>
<th>Amount: $1,640,712.24</th>
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<tbody>
<tr>
<td>Source of Funds:</td>
<td>General Fund – Subject to reimbursement by future bond proceeds</td>
</tr>
<tr>
<td>Capital Project #:</td>
<td>AB1001</td>
</tr>
<tr>
<td>Operating Budget:</td>
<td>N/A</td>
</tr>
<tr>
<td>Master Plan Status:</td>
<td>N/A</td>
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</table>
**SUMMARY STATEMENT**

**O&M July 10, 2013**

**PATCO Outbound/Topographic Survey and Geographical Information System for DRPA**

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
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<tbody>
<tr>
<td>Other Fund Sources:</td>
<td>N/A</td>
</tr>
<tr>
<td>Duration of Contract:</td>
<td>730 Calendar Days</td>
</tr>
<tr>
<td>Other Parties Involved:</td>
<td>N/A</td>
</tr>
<tr>
<td>Estimated Number of Jobs Supported:</td>
<td>7</td>
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</table>
RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of Pennoni Associates, Inc. to provide Design Services for the PATCO Outbound/Topographic Survey and Geographical Information system for DRPA and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with Pennoni Associates, Inc. for an amount not to exceed $1,640,712.24, 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: $1,640,712.24  
Source of Funds: General Fund – Subject to reimbursement by future bond proceeds  
Capital Project #: AB1001  
Operating Budget: N/A  
Master Plan Status: N/A  
Other Fund Sources: N/A  
Duration of Contract: 730 Calendar Days  
Other Parties Involved: N/A  
Estimated Number of Jobs Supported: 7
MEMORANDUM

DELAWARE 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 Outbound and Topographic Survey
Technical Proposal Evaluation, Findings and Recommendation Report
DATE: July 10, 2013

The Request for Qualifications (RFQs), which was posted on the Authority’s web-site, invited consultants to submit Statements of Qualifications (SOQs). Eighteen (18) firms submitted SOQs on October 11, 2012.


The short listed firms were sent a RFP on February 5, 2013. The Technical Proposals and separate sealed Price Proposals were received on April 4, 2013 from Keller & Kirkpatrick, Inc., KS Engineers, P.C., Maser Consulting, P.A., Pennoni Associates, and Taylor Wiseman & Taylor. The Review Committee, consisting of three (3) staff engineers and PATCO representatives, reviewed and evaluated the Technical Proposals.

Pennoni Associates, Inc. was the highest technically ranked firm. The proposed Project Manager has previous experience on previous Outbound Surveys projects and has been very responsive on past DRPA projects. Pennoni’s Team has many years experience on boundary survey projects. Overall, the team assembled by Pennoni 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 $1,800,000.00, as a guide. Price Proposals were opened on May 14, 2013.
Below are the Technical Proposal rankings, proposed hours and fees of the recommended firms, along with the Engineer’s estimate of hours.

<table>
<thead>
<tr>
<th>Firm</th>
<th>Hours</th>
<th>Original Price Proposal</th>
<th>Negotiated</th>
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<tbody>
<tr>
<td>Engineer’s Estimate</td>
<td>19,000</td>
<td>$1,800,000.00</td>
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<tr>
<td>Pennoni Associates</td>
<td>17,506</td>
<td>$1,640,712.24</td>
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<tr>
<td>Keller &amp; Kirkpatrick, Inc.</td>
<td>21,608</td>
<td>$2,166,069.66</td>
<td>N/A</td>
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<tr>
<td>Taylor Wiseman &amp; Taylor</td>
<td>14,459</td>
<td>$1,860,159.18</td>
<td>N/A</td>
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The Price Proposal from the highest technically ranked firm, Pennoni Associates, dated April 4, 2013 was reviewed by Engineering Department staff. Based on the Review Committee’s findings the Price Proposal of Pennoni Associates 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, Pennoni Associates.

Based on a review of the Review Committee’s evaluation and supporting documentation, I concur with the recommendation to engage Pennoni Associates of Haddon Heights, NJ, in the amount of $1,640,712.24 for this Agreement.