

**SUMMARY STATEMENT**

**ITEM NO.:** DRPA-17-107

**SUBJECT:** Professional Services for 2018  
Biennial Inspection of PATCO

**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 Remington & Vernick Engineers, Inc. to provide engineering services required to perform the 2018 Biennial Inspection of the PATCO facilities.

**Amount:** \$375,000.00

**Consultant:** Remington & Vernick Engineers, Inc.  
232 Kings Highway East  
Haddonfield, NJ 08033

**Other Consultants:** TranSystems Corporation  
STV Incorporated  
Johnson, Mirmiran, & Thompson, Inc.  
Michael Baker International, Inc.

**Engineers Estimate:** \$400,000.00

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

**Consultant Proposed Goals**  
MBE %: 9.1%  
WBE %: 4.2%

**PURPOSE:** To provide consulting engineering services for the 2018 Biennial Inspection of the PATCO facilities.

**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 authorized payment from the Revenue Fund for services rendered.

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**O&M Committee: 11/28/17**

**Professional Services  
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**The most recent biennial inspection of the PATCO facilities 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 PATCO facilities.**

**The work includes a visual inspection to note the condition of all structures, systems, and equipment comprising the PATCO Transit System. Included in this inspection are the track system, subway tunnels, transit and vehicular bridges, retaining walls, embankments, viaducts, storm drainage, fencing, parking lots, fare collection system, car shop, electric power and distribution, rapid transit cars, maintenance vehicles, supervisory and control systems, signal system and communication system, preparation of a 2018 Biennial Inspection Report for PATCO. The vehicular bridge inspection will conform to the National Bridge Inventory System and NJDOT Inspection Criteria.**

**The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications. Six (6) 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 three (3) staff engineers evaluated the Proposals on the basis of Technical merit.**

**Remington & Vernick Engineers, Inc. was the highest technically ranked firm. The proposed Project Manager has previous experience with both bridge and rail projects and has been responsive on other projects for the Authority. Overall, the team assembled by Remington & Vernick Engineers 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, Remington & Vernick Engineers, Inc.'s price was determined to be fair and reasonable.**

**It is recommended that an engineering services agreement be negotiated with Remington & Vernick Engineers, Inc. for the costs and associated fees not to exceed \$375,000.00 to provide engineering**

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**services in accordance with the Request for Proposal.**

|                 |  |                      |
|-----------------|--|----------------------|
| <b>SUMMARY:</b> | <b>Amount:</b>                                 | <b>\$ 375,000.00</b> |
|                 | <b>Source of Funds:</b>                        | <b>Revenue Fund</b>  |
|                 | <b>Capital Project #:</b>                      | <b>N/A</b>           |
|                 | <b>Operating Budget:</b>                       | <b>N/A</b>           |
|                 | <b>Master Plan Status:</b>                     | <b>N/A</b>           |
|                 | <b>Other Fund Sources:</b>                     | <b>N/A</b>           |
|                 | <b>Duration of Contract:</b>                   | <b>24 Months</b>     |
|                 | <b>Other Parties Involved:</b>                 | <b>N/A</b>           |
|                 | <b>Estimated Number of<br/>Jobs Supported:</b> | <b>2</b>             |

**DRPA-17-107**  
**Operations and Maintenance Committee: November 28, 2017**  
**Board Date: December 6, 2017**  
**Professional Services for 2018 Biennial**  
**Inspection of PATCO**

**RESOLUTION**

**RESOLVED:** That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of Remington & Vernick Engineers to provide Professional Services for 2018 Biennial Inspection of PATCO and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with Remington & Vernick Engineers for an amount not to exceed \$375,000.00, 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.

|                 |                                |                     |
|-----------------|--------------------------------|---------------------|
| <b>SUMMARY:</b> | <b>Amount:</b>                 | <b>\$375,000.00</b> |
|                 | <b>Source of Funds:</b>        | <b>Revenue Fund</b> |
|                 | <b>Capital Project #:</b>      | <b>N/A</b>          |
|                 | <b>Operating Budget:</b>       | <b>N/A</b>          |
|                 | <b>Master Plan Status:</b>     | <b>N/A</b>          |
|                 | <b>Other Fund Sources:</b>     | <b>N/A</b>          |
|                 | <b>Duration of Contract:</b>   | <b>24 Months</b>    |
|                 | <b>Other Parties Involved:</b> | <b>N/A</b>          |
|                 | <b>Estimated Number of</b>     |                     |
|                 | <b>Jobs Supported:</b>         | <b>2</b>            |



## **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 PATCO  
Technical Proposal Evaluation, Findings and Recommendation Report  
**DATE:** November 17, 2017

The Request for Qualifications (RFQ's), which was posted on the Authority's website, invited consultants to submit Statements of Qualifications (SOQ's). Six (6) 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: Johnson, Mirmiran & Thompson, Inc., Michael Baker International, Inc., Remington & Vernick Engineers, STV Incorporated, and TranSystems Corporation.

The short listed firms were sent a RFP. The Technical Proposals and separate sealed Price Proposals were received on September 27, 2017 from all the firms. The Review Committee, consisting of three (3) staff engineers, reviewed and evaluated the Technical Proposals.

Remington & Vernick Engineers was the highest technically ranked firm. The proposed Project Manager has previous experience with both bridge and rail inspection projects and has been responsive on past projects for the Authority. Overall, the team assembled by Remington & Vernick Engineers 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 \$375,000.00 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               | 2500  | \$400,000               |            |     |
| 1    | Remington & Vernick Engineers     | 2221  | \$375,000               |            |     |
| 2    | Johnson, Mirmiran, & Thompson     | 3847  | \$601,000               |            |     |
| 2    | TranSystems Corporation           | 2655  | \$458,000               |            |     |
| 4    | Michael Baker International, Inc. | 1832  | \$376,000               |            |     |
| 4    | STV Inc.                          | 2174  | \$386,000               |            |     |

The Price Proposals from the five recommended firms were opened and the Price Proposal from Remington & Vernick Engineers, dated September 27, 2017 was reviewed by Engineering Department staff. It was observed to be 7% lower than the Engineer's Estimate. Based on the Review Committee's findings the Price Proposal of Remington & Vernick Engineers 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, Remington & Vernick Engineers.

Based on a review of the Review Committee's evaluation and supporting documentation, I concur with the recommendation to engage Remington & Vernick Engineers of Haddonfield, NJ, in the amount of \$375,000.00 for this Agreement.

EM:sn