ITEM NO. | SUBJECT: | Contract No. PATCO-27-2007 Construction Monitoring Services for Rehabilitation of Track Structure on Collingswood Viaduct

COMMITTEE: | Operations and Maintenance

COMMITTEE MEETING DATE: | February 20, 2008

BOARD ACTION DATE: | March 19, 2008

PROPOSAL: | That the Board authorizes staff to negotiate an agreement with Urban Engineers, Inc. to provide construction monitoring services for Contract No. PATCO-27-2007, Rehabilitation of the Track Structure on the Collingswood Viaduct

Amount: | $1,291,302.00

Consultant: | Urban Engineers, Inc.

Other Consultants: | HNTB
Systra Consulting, Inc.
URS
Gannett Fleming, Inc.

Engineer’s Estimate: | $1,310,000.00

PURPOSE: | To provide full-time, on-site construction inspection and monitoring of the Rehabilitation of the PATCO Track Structure on the Collingswood Viaduct. The services will include a full-time Resident Engineer, nighttime and weekend outage coverage plus support staff for inspecting all contract field activities, and monitoring the contractor’s compliance with environmental and OSHA regulations.

BACKGROUND: | This work must be overseen by a consulting engineering firm that has demonstrated experience with rail transit construction projects. The Authority does not have sufficient staff to provide in-house monitoring and inspection for the subject project. This project will oversee the construction efforts associated with replacing deteriorated cement-based grout rail pads, guard rail supports and anchoring systems on PATCO’s Collingswood viaduct. The project will upgrade the condition of the track structure and will preserve the structural integrity of underlying
The installation of new track fixation devices is also expected to reduce noise caused by vibration from passing trains. The elements being replaced have reached their life expectancy.

The Authority publicly advertised its intent to retain a consultant and invited interested firms to submit Statements of Qualifications for Construction Monitoring Services for the subject contract. Five (5) consulting firms expressed interest in the project by submitting a Statement of Qualifications. All five (5) engineering firms were deemed qualified, and were sent Request for Proposals. A Committee of three (3) members of the DRPA Engineering staff and one (1) from the PATCO staff evaluated the Proposals on the basis of technical merit. Staff’s recommendations were submitted to the Consultant Selection Committee which reviewed staff's evaluations and recommendations. Based on the review of the Selection Committee, the Proposal submitted by Urban Engineers, Inc. was deemed to be the most responsive to the requirements for Construction Monitoring Services under Contract No. PATCO-27-2007 as outlined in the Request for Proposals.

In accordance with DRPA’s standard consultant selection procedure, which is qualifications based, the Price proposal submitted by Urban Engineers, Inc. was opened and evaluated against the Engineer’s Estimate. Based on this evaluation, Urban Engineers, Inc. price of $1,291,302.00 was determined to be fair and reasonable.

It is recommended that a Construction Monitoring services agreement be negotiated with Urban Engineers, Inc. for charges covering the costs and associated fees not to exceed $1,291,302.00. Upon approval of the Board, an Agreement will be negotiated with Urban Engineers, Inc. to provide Construction Monitoring services in accordance with the Request for Proposal.

**SUMMARY:**

<table>
<thead>
<tr>
<th>Amount</th>
<th>$1,291,302.00</th>
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</thead>
<tbody>
<tr>
<td>Source of Funding</td>
<td>1999 Revenue Bonds/General</td>
</tr>
<tr>
<td>Operating Budget</td>
<td>N/A</td>
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<tr>
<td>Capital Project #</td>
<td>PD0207</td>
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<tr>
<td>Master Plan Status</td>
<td>2002 Update</td>
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<tr>
<td>Other Fund Sources</td>
<td>N/A</td>
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<tr>
<td>Duration of Contract</td>
<td>18 Months</td>
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<td>Other Parties Involved</td>
<td>N/A</td>
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RESOLUTION

RESOLVED: That the Board of Commissioners of the Delaware River Port Authority accepts the Proposal of Urban Engineers, Inc. to provide Construction Monitoring Services for Contract No. PATCO-27-2007, and that the proper officers of the Authority be and hereby are authorized to negotiate an Agreement with Urban Engineers, Inc. for an amount not to exceed $1,291,302.00, as per the attached Summary Statement; and be it further

RESOLVED: The Chair, Vice Chair 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 Chair, Vice Chair and Chief Executive Officer, and if thereafter, either the Chair or Vice Chair 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 Chair and Vice Chair 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 document(s) on behalf of DRPA.

SUMMARY:

- Amount: $1,291,302.00
- Source of Funding: 1999 Revenue Bonds/General
- Operating Budget: N/A
- Capital Project #: PD0207
- Master Plan Status: 2002 Update
- Other Fund Sources: N/A
- Duration of Contract: 18 Months
- Other Parties Involved: N/A