SUMMARY STATEMENT

ITEM NO.    SUBJECT: BFB Suspension Cable Investigation
COMMITTEE: Operations and Maintenance
COMMITTEE MEETING DATE: October 17, 2007
BOARD ACTION DATE: November 14, 2007

PROPOSAL: That the Board authorizes staff to negotiate an agreement with the firm of Modjeski & Masters, Inc. to investigate the condition of the suspension cables on the Benjamin Franklin Bridge.

Amount: $3,010,000.00
Contractor: Modjeski & Masters
Engineering Firm: Modjeski & Masters, Inc.
4909 Louise Drive
Mechanicsburg, PA 17055
Other Proposers: Weidlinger Associates, Inc.

Engineers Estimate: $2,800,000.00

PURPOSE: To provide consulting engineering services for the investigation of the internal condition of the main suspension cables of the Benjamin Franklin Bridge. The investigation will require unwrapping selected sections of each of the two (2) main suspension cables, examining the condition of the interior wires, re-wrapping the cables and preparing a report which summarizes the inspection findings and provides recommendations for future actions.

BACKGROUND: The Benjamin Franklin Bridge was constructed in the 1920’s and opened to traffic in 1926. The two (2) main suspension cables are part of the original construction and are relied upon to support the weight of the bridge deck, including the weight of vehicular traffic and PATCO trains which traverse the bridge. In 1998, the suspension cables on the Benjamin Franklin Bridge underwent a cable rehabilitation project that was designed to provide for the thorough inspection of both of the suspension cables and to enhance and supplement the corrosion protection of the cables. In subsequent years, rehabilitation efforts were performed on certain portions of the suspension cables to extend their useful service life. As a result of prior investigations, it was recommended that the Benjamin Franklin Bridge main cables be monitored and that the condition of the internal wires be visually
inspected on periodic basis.

The Authority placed a public advertisement requesting Statements of Qualifications from firms interested in conducting an investigation of the Benjamin Franklin Bridge suspension cables. Four (4) consulting firms expressed interest in the project by submitting the Statement of Qualifications by June 21, 2007. All four (4) engineering firms were short-listed from the Statements of Qualification. A Request for Proposal for engineering services was prepared and distributed to the short-listed firms on July 13, 2007. Two (2) proposals were received on August 30, 2007 in response to the solicitation.

A committee consisting of five (5) members of the DRPA Engineering staff evaluated the two (2) proposals on the basis of technical merit. Staff’s recommendations were submitted to the Executive Selection Committee who reviewed the technical evaluations and recommendations. Based on the review of the Executive Selection Committee, the proposal submitted by Modjeski & Masters, Inc. was deemed to be the most responsive to the requirements for providing professional services for the Benjamin Franklin Bridge suspension cable investigation as outlined in the Request for Proposal.

In accordance with DRPA’s standard consultant selection procedure, which is qualifications based, the Price Proposal submitted by Modjeski & Masters, Inc. was opened and evaluated against the Engineer’s Estimate. Based on this evaluation, Modjeski & Masters’ price of $3,010,000.00 was determined to be fair and reasonable.

It is recommended that a consulting engineering services agreement be negotiated with Modjeski & Masters for charges covering the costs and associated fees not to exceed $3,010,000.00. Upon approval of the Board, an Agreement will be negotiated with Modjeski & Masters to provide consulting engineering services in accordance with the Request for Proposal.

SUMMARY:

<table>
<thead>
<tr>
<th>Amount:</th>
<th>$3,010,000.00</th>
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<tbody>
<tr>
<td>Source of Funds:</td>
<td>1999 Revenue Bonds and General Fund</td>
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<tr>
<td>Capital Project #:</td>
<td>BF0701</td>
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<tr>
<td>Operating Budget:</td>
<td>N/A</td>
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<tr>
<td>Master Plan Status:</td>
<td></td>
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<td>Other Fund Sources:</td>
<td>N/A</td>
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<tr>
<td>Duration of Contract:</td>
<td>Fifteen (15) 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 Modjesk & Masters, Inc. to provide professional services of the BFB suspension cable investigation, and that the proper officers of the Authority be and hereby are authorized to negotiate an agreement with Modjesk & Masters, Inc. for the required work in an amount not to exceed $3,100,000 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: $3,010,000.00  
Source of Funds: 1999 Revenue Bonds  
Capital Project #: BF0701  
Operating Budget: N/A  
Master Plan Status: N/A  
Other Fund Sources: N/A  
Duration of Contract: Fifteen (15) months  
Other Parties Involved: N/A