SUMMARY STATEMENT

ITEM NO.: DRPA-14-121   SUBJECT: Capital Project Contract Modification and Sole Source Contract for Priority Structural Repairs on the Walt Whitman Bridge

COMMITTEE: New Business
COMMITTEE MEETING DATE: N/A
BOARD ACTION DATE: September 18, 2014

PROPOSAL: That the Board authorize the execution of a contract modification to Contract WW-12-2009, WWB Suspension Span and Anchorage Span Deck Replacement for $750,000 to perform priority structural repairs, and that the Board authorize a sole source procurement contract with American Bridge Company in an amount not to exceed $2,700,000 to perform additional structural repairs.

PURPOSE: To approve a contract modification to Contract WW-12-2009 and approve a sole source procurement contract with American Bridge Company in the amounts and times set forth herein to perform priority structural repairs necessary to maintain the structural integrity of the bridge.

BACKGROUND: The 2014 Walt Whitman Bridge Biennial Inspection reported corrosion and deterioration of several gusset plate connections that required priority rehabilitation. DRPA restricted overweight permit vehicles, and under CEO emergency powers, directed American Bridge Company to proceed with rehabilitation work on a time and material basis in accordance with the contract provisions of Contract WW-12-2009. The Board approved DRPA-14-100 and authorized staff to proceed with the priority work. This additional $750,000 will provide the funds for the completion of the priority repairs.

A separate sole source procurement contract is being recommended with American Bridge Company to ensure that additional repairs are made in a timely, effective and efficient manner. American Bridge Company has the necessary expertise to perform this specialized rehabilitation work. Their personnel and equipment are already mobilized, are available to do the work, and possess the necessary resources. A significant amount of time will be saved by eliminating the steps required to bid and award a separate contract.
SUMMARY STATEMENT  
New Business September 18, 2014  
Capital Project Contract Modification and Sole Source Contract for Priority Structural Repairs on the Walt Whitman Bridge

SUMMARY:  
Amount:  See Attachment  
Source of Funds:  See Attachment  
Capital Project #:  See Attachment  
Operating Budget:  N/A  
Master Plan Status:  N/A  
Other Fund Sources:  N/A  
Duration of Contract:  See Attachment  
Other Parties Involved:  N/A
RESOLUTION

RESOLVED: That the Board authorizes the execution of a contract modification to Contract WW-12-2009, WWB Suspension Span and Anchorage Span Deck Replacement for $750,000 to perform priority structural repairs, and that the Board authorizes a sole source procurement contract with American Bridge Company in an amount not to exceed $2,700,000 to perform additional structural repairs; 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 the 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 documents on behalf of the DRPA.

RESOLVED: That the 2014 Capital Budget be and hereby is amended to increase the line item amounts allocated for DRPA Project Number as indicated in the attached chart.

SUMMARY:

<table>
<thead>
<tr>
<th>Item</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount</td>
<td>See Attachment</td>
</tr>
<tr>
<td>Source of Funds</td>
<td>See Attachment</td>
</tr>
<tr>
<td>Capital Project #</td>
<td>See Attachment</td>
</tr>
<tr>
<td>Operating Budget</td>
<td>N/A</td>
</tr>
<tr>
<td>Master Plan Status</td>
<td>N/A</td>
</tr>
<tr>
<td>Other Fund Sources</td>
<td>N/A</td>
</tr>
<tr>
<td>Duration of Contract</td>
<td>See Attachment</td>
</tr>
<tr>
<td>Other Parties Involved</td>
<td>N/A</td>
</tr>
</tbody>
</table>
**ATTACHMENT**

**September 18, 2014**

**Capital Project Contract Modification**

<table>
<thead>
<tr>
<th>Capital Project Number</th>
<th>Contract Number</th>
<th>Title</th>
<th>Contractor</th>
<th>Current Contract Amount</th>
<th>Change Order Amount</th>
<th>Adjusted Contract Amount</th>
<th>Duration</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB0702</td>
<td>WW-12-2009</td>
<td>WWB Suspension Span and Anchorage Span Deck Replacement</td>
<td>American Bridge</td>
<td>$129,947,213.84</td>
<td>$750,000.00</td>
<td>$130,697,213.84</td>
<td>3 months</td>
<td>2013 Revenue Bonds</td>
</tr>
</tbody>
</table>

**Sole/Single Source Procurement Contract**

<table>
<thead>
<tr>
<th>Title</th>
<th>Contractor</th>
<th>Contract Amount</th>
<th>Duration</th>
<th>Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>WWB Priority Structural Repairs</td>
<td>American Bridge</td>
<td>$2,700,000.00</td>
<td>9 months</td>
<td>2013 Revenue Bonds</td>
</tr>
</tbody>
</table>
MEMORANDUM

DELAWARE RIVER PORT AUTHORITY
of Pennsylvania & New Jersey

TO: John T. Hanson, Chief Executive Officer
FROM: Michael P. Vensuto, Chief Engineer
SUBJECT: Sole Source Approval – Priority Structural Repairs on the Walt Whitman Bridge
DATE: September 18, 2014

This sole source approval will be to perform priority structural repairs on the Walt Whitman Bridge.

The 2014 Walt Whitman Bridge Biennial Inspection, conducted by HAKS Consulting Engineers (HAKS), observed corrosion, deterioration and section loss of the floor-truss gusset plates that required priority rehabilitation. A total of forty-five (45) gusset plates were identified in deteriorated condition at various locations on the suspension span floor-truss system. Fifteen (15) floor-truss gusset plates were classified by HAKS with a high priority ranging from immediate repairs to repairs required within six months. HAKS also identified thirty (30) additional floor-truss gusset plates that are required to be rehabilitated within a twelve (12) month period. As a precaution, the DRPA restricted overweight permit vehicles on the Walt Whitman Bridge until the high priority gusset plate rehabilitation was completed. This restriction was lifted effective September 7, 2014.

Since this was an immediate priority, AECOM Technical Services was directed to design the floor-truss gusset plate rehabilitation under a GEC Task Order. American Bridge Company, under CEO emergency powers, was directed to proceed with rehabilitating the fifteen (15) high priority floor-truss gusset plates on a Time and Material basis under Contract No.WW-12-2009 (WWB Re-Decking). The Board approved a $750,000 change order for part of the gusset plate work following the emergency powers approval. The gusset plate rehabilitation work started on June 12, 2014 and is essentially completed. The final rehabilitation costs based on the Time and Material records will be close to $1,500,000. Urban/URS-JV was providing Construction Monitoring Services for Contract No. WW-12-2009 and continued to inspect the gusset plate rehabilitation work as it proceeded.

On September 3rd, the Operations and Maintenance Committee advised staff to consider continuing with American Bridge Company to complete the rehabilitation of remaining gusset plates. This was to be discussed under New Business at the September 18th Board Meeting. We have evaluated this request and agree that it is the most efficient and economically feasible way to rehabilitate the remaining thirty (30) floor-truss gussets plates. It will also provide significant time savings in completing the remaining work as it will eliminate the expense and time associated with preparing plans and specifications to bid this additional work. It is to be noted that rehabilitating the gusset plates on bridges is highly specialized work.
American Bridge Company has the necessary expertise to perform this specialized rehabilitation work and has demonstrated this by rehabilitating the fifteen (15) high priority floor-truss gusset plates in a cost and time efficient way as observed and reported by Urban/URS, Engineering staff and Bridge Operations. American Bridge has also fabricated six (6) work platforms and six (6) pairs of bracing systems that can be used to perform gusset plate rehabilitation at multiple locations at the same time. We can continue under Time and Material basis as we did for the previous work. We will also request a fixed price from the contractor. Based on the cost to date for 15 locations, we estimate to costs for the additional thirty (30) floor-truss gusset plates to be approximately $2.7M.

On September 18th, the Board heard from multiple parties regarding the current conditions on the WWB. They evaluated the necessary additional work and authorized proceeding with a Sole Source contract with American Bridge Company for the additional priority gusset plates and associated steel work. The sole source approval was based on the anticipated cost savings, greater efficiency, interference with future bridge projects, and concerns of delays causing the repairs not to be completed in the required one year time frame. The new additional work will be outside of the current project Owner Controlled Insurance Program (OCIP).

Sole Source Approval for American Bridge Company – Priority Structural Repairs on the Walt Whitman Bridge in an amount not to exceed $2,700,000.00

James M. White, Chief Financial Officer:  

John T. Hanson, Chief Executive Officer: 