

## **SUMMARY STATEMENT**

**ITEM NO.:** PATCO-16-031

**SUBJECT:** Contract No. 11-G, PATCO  
SCADA-CTC Office System Upgrade

**COMMITTEE:**

Operations & Maintenance

**COMMITTEE MEETING DATE:**

November 1, 2016

**BOARD ACTION DATE:**

November 16, 2016

**PROPOSAL:** That the Board authorizes staff to negotiate a contract with the firm of B&C Transit, Inc. to perform the PATCO SCADA-CTC Office System Upgrade.

**Amount:** \$1,848,680.00

**Contractor:** B&C Transit, Inc.  
7955 Edgewater Drive  
Oakland, CA 94621

**Other Bidders:** None

**Engineers Estimate:** \$2,010,000.00

**PURPOSE:** The work to be completed under this contract consists of all work required to configure, test, and install new software and hardware at Center Tower that provides PATCO dispatchers the ability to supervise and control train movements and power systems along the PATCO line. This software and hardware communicates with Supervisory Control and Data Acquisition (SCADA) and Centralized Train Control (CTC) units in the field over a closed, dedicated network and is critical to the day-to-day operation of the PATCO transit system.

**BACKGROUND:** The existing office system was installed in 2005 under Contract 11-F, PATCO SCADA and CTC Upgrades, which also replaced units in the field. The office system was intended to be replaced in only a few years when a new control center was to be built under the later-cancelled construction of a new administration building for PATCO. The existing office system was developed to keep costs at a minimum and is very inflexible, making it difficult to update and accept new inputs from the field units to reflect changes made as projects occur. The existing hardware is outdated, cannot be replaced in kind, and may not remain reliable for much longer.

The project was publicly advertised and bid documents were offered to the public beginning on August 1, 2016 with a bid opening date of September 22, 2016. Five (5) sets of documents were sold. One (1) bid was received. The low responsive and responsible bid was submitted

**SUMMARY STATEMENT  
O&M 11/1/16**

**Contract No. 11-G,  
PATCO SCADA-CTC Office System Upgrade**

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by B&C Transit, Inc. in the amount of \$1,848,680.00.

Staff has completed the evaluation of bid and recommends that the contract be awarded to B&C Transit, Inc., in the amount of \$1,848,680.00 as the low responsive and responsible bidder.

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| <b>SUMMARY:</b> | <b>Amount:</b>                                 | <b>\$1,848,680.00</b>                        |
|                 | <b>Source of Funds:</b>                        | <b>2013 Revenue Bonds, General Fund, FTA</b> |
|                 | <b>Capital Project #:</b>                      | <b>PF1302</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>Twelve (12) months</b>                    |
|                 | <b>Other Parties Involved:</b>                 | <b>N/A</b>                                   |
|                 | <b>Estimated Number of<br/>Jobs Supported:</b> | <b>8</b>                                     |

**PATCO-16-031**  
**Operations & Maintenance Committee: November 1, 2016**  
**Board Date: November 16, 2016**  
**Contract No. 11-G, PATCO SCADA-CTC Office System Upgrade**

**RESOLUTION**

**RESOLVED:** That the Board of Commissioners of the Delaware River Port Authority accepts the bid of \$1,848,680.00 to replace the PATCO SCADA and CTC office-system hardware and software at Center Tower, and that the proper officers of the Authority be and hereby are authorized to negotiate a contract with B&C Transit, Inc. for the required work in an amount not to exceed \$1,848,680.00, 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.

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