SUMMARY STATEMENT

ITEM NO.: PATCO-18-012  SUBJECT: PATCO SCADA and CTC Network Upgrade

COMMITTEE: Operations & Maintenance

COMMITTEE MEETING DATE: May 1, 2018

BOARD ACTION DATE: May 16, 2018

PROPOSAL: That the Board authorizes staff to negotiate a contract with Oliver Communications Group, Inc. to procure, install, configure, and test new Ethernet switches for PATCO’s SCADA and CTC network.

Amount: Up to $155,235.00

Consultants: Oliver Communications Group, Inc.
2457 Old York Road
Bordentown, NJ 08505

PURPOSE: To adopt a resolution authorizing staff to negotiate a contract with Oliver Communications Group, Inc. to procure, install, configure, and test new Ethernet switches for PATCO’s SCADA and CTC network. This work will be under GSA Schedule No. GS-35F-204DA pricing.

BACKGROUND: PATCO’s existing SCADA and CTC network backbone provides a 100MB data rate utilizing obsolete network switches, requiring the use of media converters for fiber-optic connections to field devices. This network was installed prior to upgrades to PATCO’s fiber-optic backbone and lacks network presence in locations where terminated fiber is now available and where it would be more advantageous for field devices to connect to the network.

Utilizing Oliver Communications Group, Inc., this project will provide new Ethernet switches operating at a 1 GB data rate and will increase the number of network locations from nine (9) to thirteen (13), supporting the upgrade of the SCADA and CTC office system at Center Tower and allowing for the reduction of the number of fiber strands used as lateral connections for field devices not in proximity to an existing network location. This upgrade will improve the bandwidth, efficiency, and reliability of PATCO’s SCADA and CTC network and will allow for near-future upgrades of field devices connecting to the network.
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<thead>
<tr>
<th>SUMMARY:</th>
<th>Amount:</th>
<th>Not to exceed $155,235.00</th>
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<tbody>
<tr>
<td>Source of Funding:</td>
<td>General Fund</td>
<td></td>
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<tr>
<td>Operating Budget:</td>
<td>N/A</td>
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<tr>
<td>Capital Project #:</td>
<td>PTD.31719</td>
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<td>Master Plan Status:</td>
<td>N/A</td>
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<td>Other Fund Sources:</td>
<td>N/A</td>
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<td>Duration of Contract:</td>
<td>Three (3) months</td>
<td></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 Port Authority Transit Corporation authorizes staff to negotiate a contract with Oliver Communications Group, Inc. to procure, install, configure, and test new Ethernet switches for PATCO’s SCADA and CTC network at a cost not to exceed $155,235.00; and be it further

RESOLVED: That the Chairman, Vice Chairman and the President must approve and are hereby authorized to approve and execute all necessary agreements, contracts or other documents on behalf of PATCO. If such agreements, contracts, or other documents have been approved by the Chairman, Vice Chairman and President and if thereafter either the Chairman or Vice Chairman is absent or unavailable, the remaining Officer may execute the said document(s) on half of PATCO along with the President. 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 President shall execute such documents on half of PATCO.

SUMMARY: Amount: Not to exceed $155,235.00
Source of Funding: General Fund
Operating Budget: N/A
Capital Project #: PTD.31719
Master Plan Status: N/A
Other Fund Sources: N/A
Duration of Contract: Three (3) months
Other Parties Involved: N/A