SUMMARY STATEMENT

ITEM NO. PATCO-19-028
SUBJECT: Fire Alarm Expansion Project
COMMITTEE: Operations and Maintenance
COMMITTEE MEETING DATE: November 12, 2019
BOARD ACTION DATE: November 20, 2019

PROPOSAL: That the Board authorizes staff to enter into an agreement with Johnson Controls to upgrade the fire detection systems in both the Equipment Shop and the Annex Building at a cost not-to-exceed $232,966.20.

PURPOSE: To upgrade the fire detection systems in both the Equipment Shop and the Annex Building.

BACKGROUND: Currently, beam detectors provide fire detection in both the Equipment Shop and Annex Building. Beam detectors work by detecting smoke particles rising up and degrading the beam of light. However, the ventilation system in the Equipment Shop is so strong that it interferes with the ability of the smoke particles to rise to a level where the beam detectors would be activated. In the Annex Building, the upper portion of the building is corrugated steel. In the summer months when temperatures rise, the building flexes, which causes the beams to go out of alignment resulting in false alarms. Johnson Controls will replace the beam detectors with smart flame detectors. These detectors identify the UV signature of a fire and are capable of distinguishing between a fire and a welding torch. The beam detectors being removed will be reutilized in a future PATCO project.

The fire detection system is a proprietary Johnson Controls system and is priced using the State of New Jersey Contract number: NJ-A-83717. Due to this system being proprietary and priced off a NJ State Contract, no sole source approval is required.

It is recommended that an agreement be negotiated with Johnson Controls to upgrade the fire detection systems in both the Equipment Shop and the Annex Building for a not-to-exceed total amount of $232,966.20.
<table>
<thead>
<tr>
<th>SUMMARY:</th>
<th>Amount:</th>
<th>$232,966.20</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>
<td></td>
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<tr>
<td>Capital Project #:</td>
<td>PTD.31808</td>
<td></td>
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<td>Master Plan Status:</td>
<td>N/A</td>
<td></td>
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<td>Other Fund Sources:</td>
<td>N/A</td>
<td></td>
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<tr>
<td>Duration of Contract:</td>
<td>One (1) year</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 authorizes staff to enter into an agreement with Johnson Controls to upgrade the fire detection systems in both the Equipment Shop and the Annex Building, as per the attached Summary Statement for a total amount not to exceed $232,966.20 during this period; and be it further

RESOLVED: 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 behalf 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 document(s) on behalf of PATCO.

SUMMARY:

Amount: $232,966.20
Source of Funding: General Fund
Operating Budget: N/A
Capital Project #: PTD.31808
Master Plan Status: N/A
Other Fund Sources: N/A
Duration of Contract: One (1) year
Other Parties Involved: N/A