



VILLAGE OF ORLAND PARK

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Master

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Controlling Body: Board of Trustees

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Agenda Entry: Public Works Building HVAC Improvements -
Equipment

Final Action: 08/16/2021

Title:

Public Works Building HVAC Improvements - Equipment

Notes:

Sponsors:

Res/Ord Date:

Attachments: RTU Equipment-Quotes, CONTRACT-RTU Equipment

Res/Ord Number:

Drafter:

Hearing Date:

Department

Effective Date:

Contact:

Related Files:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
0	Public Works	08/16/2021	INTRODUCED TO BOARD	Board of Trustees			
0	Board of Trustees	08/16/2021	APPROVED				Pass

Text of Legislative File 2021-0264

Title/Name/Summary

Public Works Building HVAC Improvements - Equipment

History

Many components of the existing HVAC system at the Public Works (PW) building, including roof top units (RTUs) and unit heaters, have reached the end of their life cycles. For example, the typical lifespan of an RTU is 15 - 20 years; the RTUs at PW are original to the construction of the building in 1993 (28 years). Furthermore, the units are highly inefficient compared to modern equipment, do not provide heating/cooling to all areas of the building, and have become increasingly expensive to maintain.

As such, NRF Staff have researched options to improve the efficiency of the HVAC system

for the entire PW facility, to reduce maintenance costs and improve the functionality of the Vehicles and Equipment garage HVAC system.

Staff began this process by reaching out to ComEd through their Energy Efficiency Program. ComEd subsequently connected PW Staff with Trane U.S. Inc., who participate in a purchasing cooperative (Omnia Partners), and whose equipment PW Staff have had positive experience with in the past. Trane equipment is also compatible with the building automation system (BAS) improvements currently underway at several Village facilities.

Ultimately, this project involves three (3) components: 1) the procurement of HVAC equipment, 2) the installation of the HVAC equipment, and 3) the installation of an electrical service to support the new HVAC system. ITBs will be issued shortly for the installation and electrical service aspects of the project, but due to the lead time for the RTUs themselves, Staff recommends proceeding with the procurement of the HVAC equipment in advance of the installation and electrical ITBs.

Trane U.S. Inc. participates in the Omnia Partners Co-Op program, which offers HVAC products to the public sector through contract 15-JLP-023. NRF Staff worked with the local Trane sales representative to obtain a co-op proposal for the HVAC equipment necessary to complete the intended improvements, at a cost of \$111,251.61.

The quote provided by Trane includes all materials and equipment required to provide improved heating and cooling at PW, including nine (9) new RTUs, twenty (20) new unit heaters, and nine (9) curb adapters. Staff recommends approving quote number 30-192278-21-001 dated June 28, 2021 from Trane U.S. Inc. via Omnia Partners Co-Op Contract 15-JLP-023 for \$111,251.61 for the RTUs and related equipment required to complete the Public Works HVAC improvements.

It should also be noted that an additional advantage of this project is that, by completing the HVAC improvements at PW, the Village would qualify for a ComEd Comprehensive Energy Savings Bonus, which is an additional 20% incentive when three (3) or more projects are completed at the same facility. As the Village is currently working on two (2) other energy efficiency projects at PW (BAS and LED High Bay Lighting Upgrades), the proposed HVAC improvements would represent the third. The anticipated rebate once these projects are complete is \$39,852.00 which will offset some of the cost of the project.

Financial Impact

Funding is available in 010-1700-470100 for all components of this project.

Recommended Action/Motion

I move to approve to use Omnia Partners Co-Operative Contract #15-JLP-023 for the purchase of Trane HVAC equipment for an amount of \$111,251.61;

And,

To authorize the Village Manager to execute an agreement with Trane U.S. Inc. for the

purchase of HVAC equipment.