



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM



Date: August 3, 2021

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Rob Maleszyk, Chief Financial Officer
Lisa Burnham, Controller
Kurt Bovensiep, Public Works Director
Dennis Trantham, Facilities and Grounds Operations Manager
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Department of Public Works Main Facility and Parks Garage Heating and Cooling Unit Replacements

History

- The Department of Public Works is home to the following divisions: Water and Sewer, Streets and Drains, Fleet Maintenance, Facilities and Grounds, and Troy R.Y.D.E.
- The existing rooftop units that service the main DPW facility have reached the end of life and need replacement.
- The split furnace air conditioning unit that provides heating and cooling for the east portion of the Parks Garage has reached the end of life and needs replacement.
- Replacement of the HVAC units at the Department of Public Works was identified in the Facilities Condition Assessment Report.
- The installation will be performed in-house by Facilities Staff.

Purchasing

The current contract with *Lenox Industries of Troy, MI* was adopted by City Council in 2021 for HVAC equipment and parts (Resolution #2021-07-113). Pricing to replace the Heating and Cooling Units at the Department of Public Works Main Facility and Parks Garage has been secured from Lennox Industries for an estimated cost of \$46,853.00, as detailed in the attached quote #132121.

Financial

- Funds for the DPW Main Facility are budgeted and available in the Motor Pool Capital Projects Fund under Project Numbers 2022C0100 and 2022C0142 for the 2022 fiscal year. Expenditures will be charged to account number 661.549.565.7975.900.
- Funds for the Parks Garage are budgeted and available in the DPW Administration Capital Projects Fund under Project Number 2022C0054. Expenditures will be charged to account number 401.464.7975.900.



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Recommendation

City Management recommends granting the authority to expend capital budgeted funds to *Lennox Industries of Troy, MI* for the purchase of the rooftop heating and cooling units and split furnace and air conditioning units for the Department of Public Works main facility and the Parks Garage for an estimated cost of \$46,853 not to exceed budgetary limitations.



Project Quote

Project Name: City of Troy RTU Replacement

Project Number: 185368

Quote: 132121

Quote Name: City of Troy RTU Replacement

Engineer: #N/A

Project Location:

Troy, MI

Prepared For: City Of Troy

Date: 7/8/2021

Quote valid for 30 days

Roof Top Units: 5

Split Systems: 1

Tag	Qty	Model	Description
RTU-1,2,3			
	3	LGH120H4-PKG	LGH120H4... PkgGE/10Ton/Configurable - 208V/3Ph/60Hz Factory Installed Options High Performance Economizer Upgrade Factory Installed Single Enthalpy Economizer Standard Cap, Std Packaging Unit Orientation Downflow Supply Fan: Multi-Stage Air Volume 208/220/230/240V 3Phase 80Amp Disconnect Factory Installed Supply Motor - 3.0 Hp Std- w/ MSAV Supply Drive Kit 4 (730-970 RPM) Barometric Relief Damper (Fac) 240K A.S. (Dual Stage) Return Air Adaptor Plate Factory Installed Hinged Access Doors Factory Installed Copper Drain Trap Factory Installed GFCI Factory Installed/Field Wired Phase Monitor Factory Installed Return Air Smoke Detector Factory Installed Environ Coil System Factory Installed 2" MERV4 - Std. Filter Factory Installed Field Installed Options Vertical Vent Extension Field Installed Weatherproof GFCI Cover Field Installed
	3	42W16	
	3	10C89	
RTU-4			
	1	LGH048S4-PKG	LGH048S4... PkgGE/4Ton/Configurable - 208V/3Ph/60Hz Factory Installed Options Standard Cap, Std Packaging Unit Orientation Downflow Supply Fan: Multi-Stage Air Volume 208/220/230/240V 3Phase 80Amp Disconnect Factory Installed Supply Motor - 2.0 Hp - w/ MSAV Supply Drive Kit 6 (1071-1429 RPM) Manual OAD Factory Installed 150K A.S. (Dual Stage) Hinged Access Doors Factory Installed Copper Drain Trap Factory Installed GFCI Factory Installed/Field Wired Return Air Smoke Detector Factory Installed Environ Coil System Factory Installed 2" MERV4 - Std. Filter Factory Installed Field Installed Options Vertical Vent Extension Field Installed Weatherproof GFCI Cover Field Installed C1ACURB30A GCS/CHA/CHP24-650/813 to T
	1	31W62	
	1	10C89	
	1	20W06	



Project Quote

RTU-5			
1	LGH048H4-PKG	LGH048H4... PkgGE/4Ton/Configurable - 208V/3Ph/60Hz	
		Factory Installed Options	
		Standard Cap, Std Packaging	
		Unit Orientation Downflow	
		Supply Fan: Multi-Stage Air Volume	
		208/220/230/240V 3Phase	
		80Amp Disconnect Factory Installed	
		Supply Motor - 0.75 Hp ECM - w/ MSAV	
		Manual OAD Factory Installed	
		150K A.S. (Dual Stage)	
		Hinged Access Doors Factory Installed	
		Copper Drain Trap Factory Installed	
		GFCI Factory Installed/Field Wired	
		Return Air Smoke Detector Factory Installed	
		Environ Coil System Factory Installed	
		2" MERV4 - Std. Filter Factory Installed	
		Field Installed Options	
1	31W62	Vertical Vent Extension Field Installed	
1	10C89	Weatherproof GFCI Cover Field Installed	
1	20W06	C1ACURB30A GCS/CHA/CHP24-650/813 to T	

5 Ton Split			
1	14W68	TSA060H4N43Y CONDENSER/5TON/230-3	
1	10C58	CX35-60C-6F-20 Coil/5TON/CASED	
1	96W29	EL296UH110XE60C Furnace-Gas/110Btuh/5T	

Total Price (Excluding Tax): \$46,853.00 USD

Due to high demand and supply chain volatility all quotes are subject to availability at the time of order. The delivery date we offer may also have to change. We will do our best to communicate in advance as soon as new information is known.

TO PLACE AN ORDER, PLEASE EMAIL OR FAX THIS QUOTE TO YOUR LENNOX SALES OFFICE OR NATIONAL ACCOUNT DEPARTMENT, COMPLETE WITH THE FOLLOWING INFORMATION:

Orders without accurate delivery dates will not be processed.			
Purchase Order:		Customer Acct Number:	
Ship-To:		Delivery Date Units:	
		Delivery Date Curbs:	
Delivery Contact Name:		Delivery Date Accessories:	
Delivery Contact Phone:		Voltage Verified:	

Customer Signature _____

By signing this document, I certify that I have read, understand and agree to all [Terms and Conditions](#).

Any use or disclosure of this information to anyone other than the identified Lennox customer, or any use of equipment provided pursuant to this quote for anyone other than the identified Lennox customer, is a breach of the terms under which this information and/or equipment was provided to you, for which you may incur legal liability to Lennox.