

500 West Big Beaver Troy, MI 48084 troymi.gov

CITY COUNCIL AGENDA ITEM

Date:	September 12, 2023
To:	Mark F. Miller, City Manager
From:	Robert J. Bruner, Deputy City Manager Megan E. Schubert, Assistant City Manager Robert Maleszyk, Chief Financial Officer Dee Ann Irby, Controller Peter Hullinger, Fire Chief Shawn Hugg, Deputy Fire Chief Emily Frontera, Purchasing Manager
Subject:	Bid Waiver – SmartPower Generator Replacement for Ladder 3 – Fire Department

<u>History</u>

The Fire Department has onboard, vehicle integrated generators on all of the fire apparatus to supply power for the needed tools and incidents they may be called out to. Ladder 3 is a 1998 Sutphen SP100 ladder truck that had a 10Kw SmartPower generator on it. This unit supplied the needed power for this truck.

The generator on Ladder 3 began to experience power generation issues which were investigated by City of Troy Fleet Mechanics, as well as the SmartPower authorized repair center, Apollo Fire Equipment. Unfortunately, the issues discovered cannot be repaired due to the age of the generator and parts being unavailable for it.

Purchasing

In an effort to be more cost effective, an electrical demand evaluation was completed on Ladder 3. By implementing more energy-efficient tools, it was determined that a smaller generator would supply the necessary power, for a lower cost. It is recommended to replace the current 10kW SmartPower generator with a new SmartPower HR-8 8kW generator.

The bid process is waived because Apollo Fire Equipment Company of Romeo, MI is the only authorized repair facility for Sutphen Fire Apparatus in Michigan, as well as being an authorized distributor for SmartPower in Southeastern Michigan. Utilizing the same generator manufacturer also reduces/eliminates needed modifications when installing the replacement unit.

Pricing for the SmartPower HR-8 8kW generator, including labor has been secured from *Apollo Fire Equipment Company of Romeo, MI* for an estimated total cost of \$16,291.86 as detailed in Quote 16AUG2023mam(a). An additional 20% contingency is requested, to cover shipping costs and any additional labor identified as required during installation, for a total not to exceed cost of \$19,550.23.



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Financial

Funds are budgeted and available in the General Fund under the Fire Department for the 2024 fiscal year under account number 101.336.344.802.150, Contractual Services Contractor-Equipment Maintenance. A transfer in the amount of \$16,291.86 will be required from 101.336.344.802.150 General Fund Contractual Services Equipment Maintenance to 401.336.338.978.010 Capital Projects Fund General Equipment. An additional 20% contingency is available to be transferred if necessary, to cover shipping costs and any additional labor identified to be required during installation, for a total capital project not to exceed cost of \$19,550.23.

Recommendation

City Management recommends that the bid process be waived and a contract be awarded to *Apollo Fire Equipment Company of Romeo, MI* for the purchase and installation of the SmartPower HR-8 8kW generator on Ladder 3 for an estimated cost of \$16,291.86, with an additional 20% contingency included, to cover shipping costs and any additional labor required during installation, for a total not to exceed cost of \$19,550.23.

City Management also recommends that City Council approve the transfer of Fire Department General Funds to the Fire Department Capital Projects Fund General Equipment account in the amount of \$19,550.23.



QUOTATION

Apollo Apparatus Sales and Service

12584 Lakeshore Drive, Romeo, MI 48065 Phone: (800) 626-7783 Fax: (586) 752-6907

UOTE #: 16AUG2023mam(a)

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TO:	City of Troy FD
ADDRES	
ATTN:	Lt. Eric Emmons

DATE: 8/16/2023 TERMS: Net 30 Days F.O.B: Apollo, Romeo VALID FOR: 30 days LEAD TIME: 2-3 weeks

QTY PART NUMBER		FAX: E-MAIL: Eric.Emmons@troymi.gov		
		DESCRIPTION	UNIT PRICE	TOTAL
UT	FART NUMBER	DESCRIPTION		TOTAL
		Apollo Fire Apparatus Repair, Inc. is pleased to offer the		
		following quotation for your: Generator on L-3 HS3259		
		Labor to unhook and remove existing generator from truck, clean area		
1	LABOR - REMOVAL	and prep for new generator install - 10 hours	\$107.00	\$1,070.00
		Need to change out the 5/8" high pressure hose and replace it with a		
	HOSES and MISC	new, reverse engineered 1/2" high pressure line per Generator Specifications. New end yoke, universal joint, set screws, key way,		
1	PARTS	ATF fluid and misc electrical supplies and hardware.	\$1,400.00	\$1,400.00
	174(10		φ1,400.00	ψ1,400.00
		Labor to install and test new Smart Power generator and testing all		
		electrical including new digital meter on pump panel and hydraulic	A -	*
1	LABOR - INSTALL	fittings and hoses, and verifying proper operations - 27 hours	\$107.00	\$2,889.00
		Smart Power HR-8 Generator 8kw. Includes the tray assembly, 45cc		
1	2602008	15-tooth pump, CCC digital meter panel, wire harnesses, and 6 year/1000 hour warranty.	\$10,932.86	\$10,932.86
	2002000		ψ10,352.00	ψ10,332.00
		TERMS: 50 % down at the beginning of the project and		
		remaining balance due upon completion and acceptance of unit		
		at our location.		
		Quote price good for 30 days		
		Note: Shipping charges to be added at time of shipment, we only		
		charge actual shipping costs.		
		Return Policy Note: Please verify all part numbers, descriptions		
		and quantities prior to ordering. Many of our Suppliers have very		
		specific charges for Returns not a result of errors on their part		
		and these costs may be passed on to you.		
			SUBTOTAL	\$16,291.86
		ONSIBILITY TO VERIFY THREAD TYPE PRIOR TO PLACING AN	SHIPPING	
ORDER.	SPECIAL IMREADED II	EMS (I.E. DETROIT STANDARD THREAD) ARE NOT RETURNABLE.	TAX OTHER	
			TOTAL	\$16,291.86