



500 West Big Beaver
Troy, MI 48084
troymi.gov

CITY COUNCIL AGENDA ITEM

Date: January 24, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager
Lisa Burnham, Controller
Chuck Riesterer, Fire Chief
Peter Hullinger, Assistant Fire Chief
Emily Frontera, Purchasing Manager

Subject: Bid Waiver – SmartPower Generator for Ladder 1



History

The fire department operates generators on all fire apparatus to supply power for necessary tools. Ladder-1 is a 2007 Sutphen SP100 ladder truck, equipped with a 10kW SmartPower generator. This unit was designed and installed to meet the auxiliary power needs of the vehicle.

During routine preventative maintenance, some issues were discovered with the generator. These issues do not allow the unit to deliver its designed power load. 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 this vehicle. 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 ER-6 6kW generator.

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

Pricing for the SmartPower ER-6 6kW generator, including labor has been secured from *Apollo Fire Equipment Company of Romeo, MI* for an estimated total cost of \$11,450 as detailed in Quote #14DEC21jmsa.

Financial

Funds are budgeted and available in the General Fund under the Fire Department for the 2022 fiscal year. Expenditures will be charged to account number 101.336.338.7740.115

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 ER-6 6kW generator on Ladder 1 for an estimated cost of \$11,450.00 with a 20% contingency for a not to exceed amount of \$13,740 as detailed in the attached quote.



QUOTATION

Apollo Fire Equipment Company
Apollo Fire Apparatus Repair, Inc.
 12584 Lakeshore Drive, Romeo, MI 48065
 Phone: (800) 626-7783 Fax: (586) 752-6907

QUOTE #:

DATE: Dec. 14, 2021

TERMS: Net 30 Days

F.O.B: See below

VALID FOR: 45 days

LEAD TIME: See Below

TO:

ADDRESS:

ATTN:

PHONE: 248-524-9803 cell

FAX:

E-MAIL: Eric.Emmons@troymi.gov

QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL
		Apollo Fire Apparatus Repair, Inc. is pleased to offer the following quotation for your 2006 Sutphen HS4136 Ladder 1 :		
1	LABOR - REMOVAL	Labor to unhook and remove existing generator from truck, clean area and prep for new generator install - 8 hours	\$744.00	\$744.00
1	HOSES	Labor and materials to remove 5/8" high pressure hose and replace it with a new, reverse engineered 1/2" high pressure line per Generator Specifications	\$604.00	\$604.00
1	LABOR - INSTALL	Labor to install and test new Smart Power generator, hooking up and testing all electrical and hydraulic fittings and hoses, and verifying proper operations - 18 hours	\$1,674.00	\$1,674.00
1	1701006	SmartPower ER-6 6kW Generator (AC amps 52/26, continuous watts 6,200), includes generator tray assembly, 60 cc pump with keyed shaft, CCC digital meter panel and wiring harness.	\$8,278.00	\$8,278.00
		NOTES: SHIPPING CHARGES ARE ADDED AT TIME OF SHIPMENT, WE ONLY CHARGE ACTUAL SHIPPING COSTS. Work to be done at Apollo Fire, in Romeo.		
		TERMS: 50 % down at the beginning of the project and remaining balance due upon completion and acceptance of unit at our location.		
		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	\$11,300.00
NOTE: IT IS CUSTOMER'S RESPONSIBILITY TO VERIFY THREAD TYPE PRIOR TO PLACING AN ORDER. SPECIAL THREADED ITEMS (I.E. DETROIT STANDARD THREAD) ARE NOT RETURNABLE.			SHIPPING	\$150.00
			TAX	
			OTHER	
			TOTAL	\$11,450.00

John Surprenant, VP Operations
 (586) 752-1800
jsurp@apollofire.com