



Memo

Date: December 2, 2022
To: Honorable Mayor Armitage; City Council
From: Erin LaPere, City Manager
Re: Purchase of Hurst Extrication Tool

Background

On the agenda for Council's approval is a request for purchase of an extrication tool for the Fire Department. This is a request for sole-source vendor purchase, utilizing the Michigan Community Enhancement Grant funding that was received, we have approximately \$400k available from that grant after the purchase of the two, mini-pumper style fire trucks. Council may recall the city recently purchased a replacement extrication tool utilizing grant funding by the same manufacturer to replace significantly aged equipment. This tool is part of the recommended outfitting to ensure both vehicles have the same life-saving equipment on-hand should the Department respond when someone is trapped in a vehicle.

This tool is a combination, meaning that it has the ability to spread or pinch things together, as well as a cutting ability. In lieu of expending the funds necessary to purchase a complete set of rescue tools, this tool is ideal for our situation. The quoted price of \$13,000.00 is for a NEW, older model tool, but has the same frame and battery that our current tools use. Apollo Fire Company is the local dealer for Hurst products and we were giving a discounted price for this unit, as well as have delivery of the unit within 2 weeks.

The stabilization plate, \$1,141.00, is an added piece of equipment to assist with the lifting of a vehicle or object. A couple weeks ago, the department used our current tool to lift a car off of a person and struggled. We almost had the tool tip over, which would have dropped the car back on the person before we were able to remove them. This plate helps in these situations and a picture is attached of the plate being used. We have also included the quote and other material about this extrication tool for Council's review.

Suggested Motion

City Council approves the purchase of the Hurst Extrication Tool with stability plate from Apollo Fire Company in the amount of \$14,141.00 with cost to be reimbursed from funds received through the Michigan Enhancement Grant.

eel

attachments



QUOTATION

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

DATE:	November 29, 2022
TERMS:	Net 30
F.O.B.:	Delivered
VALID FOR:	2 weeks
LEAD TIME:	Tool: 2 weeks Plate: 6 weeks

QUOTE #: 2022185CH

BILL TO: Charlotte Fire Department
 ADDRESS: 111 E. Lawrence, Charlotte, MI 48813
 ATTN: Chris Sloan

SHIP TO: Same
 ADDRESS:
 ATTN:

PHONE: 517-543-0241 CELL: 517-281-7695 E-MAIL: csloan@charlottemi.org

QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL
1	273249000-9	Hurst Edraulic SC758EWXT Combination Tool Package (includes SC758EWXT Combination Tool, two 9Ah Batteries, Battery Charger) List price is \$16,398.	\$13,000.00	\$13,000.00
1	101C085	Hurst Spreader Stability Plate Kit. List price is \$1,268	\$1,141.00	\$1,141.00
		*Delivery included.		
		**Inservice training provided upon delivery at no extra charge.		
		***Savings off list price is \$3,525.		
			SUBTOTAL	\$14,141.00
<p>Thank you for the opportunity to quote on your Fire Department needs.</p>			SHIPPING	Included
			TAX OTHER	
			TOTAL	\$14,141.00

Carl Hein, Sales Representative
 Cell: (734) 765-0135
carlhein104@gmail.com



COMBI TOOLS

SAVE LIVES QUICKLY, AND WHEREVER YOU'RE NEEDED

First responders need to be ready for everything. This tool can help them accomplish that. It spreads, it cuts, it doesn't need hoses or power units, and it even works submerged in water.

Features and Benefits:

- Watertight, allows you to operate the tool submerged in fresh water
- Brushless DC electrical motor runs more efficiently with higher performance for a longer battery life
- Two LED lights illuminate the front of the tool
- Large waterproof 9Ah battery with IP68 protection class
- Ergonomically designed star-grip permits tool actuation from almost any gripping position
- 4-stage heat treated shock resistance blades
- Removable Shark tooth tips with self-retaining pin (SC 358/758 EWXT only)
- Removable tips to allow for deeper cuts when needed (SC 358/758 EWXT only)
- One piece body construction
- Accessories such as pulling chains and stability plate attach through tip pin hole for quick deployment
- Great for forcible entry and RIT as well as standard extrication needs

COMBI TOOLS



SC 258 EWXT

273228000-1 (Tool Only)
273228000-5 (includes tool, (2) 5Ah batteries and (1) charger)
273228000-9 (includes tool, (2) 9Ah batteries and (1) charger)



SC 358 EWXT

273223000-1 (Tool Only)
273223000-5 (includes tool, (2) 5Ah batteries and (1) charger)
273223000-9 (includes tool, (2) 9Ah batteries and (1) charger)



SC 758 EWXT

273249000-1 (Tool Only)
273249000-5 (includes tool, (2) 5Ah batteries and (1) charger)
273249000-9 (includes tool, (2) 9Ah batteries and (1) charger)

TECHNICAL SPECIFICATIONS

- Length (w/o battery): 31.2 in / 792 mm
- Width: 8.27 in / 210 mm
- Height (w/o battery): 9.96 in / 253 mm
- Weight (w/o battery): 31.7 lbs / 14.4 kg
- Spreading Distance: 12.6 in / 321 mm
- Maximum Spreading Force: 157,000 Lbf / 700 kN
- Maximum Pulling Force: 7,640 Lbf / 34 kN
- Cutter Opening: 9.2 in / 233 mm
- NFPA Cutter Rating: A6/B6/C6/D7/E7/F4
- NFPA HSF: 6,500 Lbf / 29 kN
- NFPA LSF: 5,400 Lbf / 24 kN
- NFPA HPF: 8,320 Lbf / 37 kN
- NFPA LPF: 6,300 Lbf / 28 kN
- NFPA 1936 2020 Compliant: Yes
- Tool IP Rating: IP58
- Battery IP Rating: IP68

TECHNICAL SPECIFICATIONS

- Length (w/o battery): 34.5 in / 876 mm
- Width: 9.25 in / 235 mm
- Height (w/o battery): 9.96 in / 253 mm
- Weight (w/o battery): 40.6 lbs / 18.4 kg
- Spreading Distance: 14.5 in / 368 mm
- Maximum Spreading Force: 337,230 Lbf / 1500 kN
- Maximum Pulling Force: 13,714 Lbf / 61 kN
- Cutter Opening: 12.2 in / 309 mm
- NFPA Cutter Rating: A7/B8/C7/D8/E7/F4
- NFPA HSF: 6,667 Lbf / 43 kN
- NFPA LSF: 7,419 Lbf / 33 kN
- NFPA HPF: 13,940 Lbf / 62 kN
- NFPA LPF: 9,667 Lbf / 43 kN
- NFPA 1936 2020 Compliant: Yes
- Tool IP Rating: IP58
- Battery IP Rating: IP68

TECHNICAL SPECIFICATIONS

- Length (w/o battery): 38.6 in / 950 mm
- Width: 10.5 in / 266 mm
- Height (w/o battery): 9.96 in / 253 mm
- Weight (w/o battery): 52.9 lbs / 24 kg
- Spreading Distance: 18.7 in / 475 mm
- Maximum Spreading Force: 337,213 Lbf / 1500 kN
- Maximum Pulling Force: 21,132 Lbf / 94 kN
- Cutter Opening: 15.7 in / 400 mm
- NFPA Cutter Rating: A8/B9/C9/D9/E9/F5
- NFPA HSF: 11,016 Lbf / 49 kN
- NFPA LSF: 8,543 Lbf / 38 kN
- NFPA HPF: 15,512 Lbf / 69 kN
- NFPA LPF: 11,690 Lbf / 52 kN
- NFPA 1936 2020 Compliant: Yes
- Tool IP Rating: IP58
- Battery IP Rating: IP68

