

**MEMORANDUM**

**DATE:** August 21, 2018

**TO:** Howard S. Lazarus  
City Administrator

**FROM:** Craig Hupy  
Public Services Area Administrator

**RE:** Emergency Purchase Authorization – Repairs to Ann Arbor Fire Department  
Tower 1

Due to damage caused to vehicle #1080, a 2013 Sutphen 100' aerial platform apparatus (Tower 1) used by the Ann Arbor Fire Department, we are seeking an emergency authorization to fund the repair of this vehicle. The Sutphen Corporation, who is the manufacturer of the vehicle, will perform the repairs. Tower 1 is the front line aerial platform apparatus used by the Department and getting the vehicle repaired and returned to service is a priority

On July 31<sup>st</sup>, the Fire Department was responding to a vehicular accident on I-94 and Tower 1 was parked in a position to protect on-scene emergency response personnel. While in this "protect" position, the apparatus was struck by a semi-truck and two passenger vehicles causing significant damage to the fire apparatus.

The vehicle was assessed by Fleet staff and local fire apparatus repair professionals and it was determined that the apparatus needed to be returned to the manufacturer for further assessment and needed repairs. The apparatus was towed to the Sutphen repair facility in Columbus Ohio and the initial repair estimate is \$61,071.04. Additional work may be necessary as Sutphen disassembles the unit in preparation for repair. Fire apparatus repairs are costly so the amount of the purchase order was increased by 30% to \$79,392.35 to cover additional work if it is needed.

As provided in City Code 1:316, Public Services Area is seeking an emergency authorization from the City Administrator to grant an approval of \$79,392.35 to cover cost for the repair work to Tower 1 (#1080). This requested amount includes a 30% contingency which will be included in the Council resolution. Staff will prepare the appropriate resolution for council adoption at the next available meeting as required by City Code.



Approval  
Howard S. Lazarus  
City Administrator



**SUTPHEN Corporation**  
Parts & Service

1653 W County Line Rd  
Springfield, OH 45502

866-287-5549 Toll Free  
937-969-8869 Fax

www.sutphen.com  
sutphen@sutphencorp.com

**QUOTATION**

Number SQ10002515  
Date 8/21/2018  
Page 1 of 2

**Bill to:**  
City of Ann Arbor Control Ofc  
Accounts Payable  
P O Box 8647  
Ann Arbor, MI 48107-8647

**Ship To:**  
City of Ann Arbor Control Ofc  
Accounts Payable  
P O Box 8647  
Ann Arbor, MI 48107-8647

Revision 8  
Sales Order  
Requisition  
Customer Reference HS-5219  
Salesperson GCoffey  
Payment Terms NET 30 DAYS  
Quote Expires 11/8/2018

**NOTES** Fire Department concerned Steering of center and pulls. We test drove unit and found Steering is in fact off center and does pull slightly. Recomend New Steering gear, Drag link and front alignment. May be front spring damage, will need to put on lifts and diagnose and report findings.

Item No.	Description	Qty/Hrs	Unit Price	Amount
10044188	ADAPTOR PLATE, 400LED, Turn Sig, Sequential Housings	1.00	22.33	22.33
10044917	HOUSING Sequential Light 14 Ga. Stainless #8 Finish	1.00	613.13	613.13
10054146	PLATE Adaptor Warning Light Dual Whelen 600 Series Light	1.00	44.10	44.10
10054147	PLATE Adaptor Headlight Single Whelen 600 Series Light	1.00	30.57	30.57
10044190	ADAPTOR PLATE-HEADLIGHT-WHELEN 400LED	1.00	21.67	21.67
10044916	HOUSING Headlight 14 Ga. Stainless #8 Finish	1.00	660.10	660.10
10021795	LIGHT Super LED W/Flasher Red With Red Lens W/O Flange	3.00	96.30	288.90
10016763	TURN SIGNAL LED Steady Break Amber	2.00	142.56	285.12
10023427	FLANGE Light Whelen 600 E Series Light	3.00	15.22	45.66
10018690	TRIM RING CHROME FOR 4E & 43	2.00	13.78	27.56
10118924	HEADLIGHT, 4 x 6 LOW BEAM, NON-HEAT MODEL 8800 EVO 2, 12VDC	1.00	473.20	473.20
10118925	HEADLIGHT, 4 x 6 HIGH BEAM, NON-HEAT MODEL 8800 EVO 2, 12VDC	1.00	473.20	473.20
10016798	HEADLIGHT BEZEL	1.00	22.00	22.00
10024278	HEADLIGHT Complex Reflector LH With Chrome Bezel	1.00	154.00	154.00
10067831	BUMPER SKIN Airhorns Out 2010 Speaker Perfs High Air Flow	1.00	2,337.00	2,337.00
10008643	LIGHT Led Marker Amber Model 21	1.00	12.84	12.84
10063985	GEAR Steering TRW TAS-85 Series	1.00	3,451.74	3,451.74
10023814	MOLDING J Drip 84" 07 Cab	2.00	17.52	35.04
10000441	RUBBER Extruded Windshield	30.00	2.36	70.80
10067310	KEY Window Rubber Locking	30.00	1.23	37.00
10086791	SKIN Cab Front New Style Cab	1.00	767.86	767.86
10051241	END Drag Link LH Threads At Pitman Arm	1.00	83.22	83.22
10058741	Prep and Paint Front of Cab. Buff and Finish for Reassembly.	1.00	5,850.00	5,850.00
10048364	Reinstall Striping after Paint complete.	1.00	675.00	675.00
10061114	Perform Front End Allignment.	1.00	363.00	363.00



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Item No.	Description	Qty/Hrs	Unit Price	Amount
	Remove Cab from chassis to gain access to repair busted cab mount welds. Reinstall cab to chassis once repairs are complete.	160.00	117.00	18,720.00
	Repair and Reweld both front mounts and lt. side cab mount.	8.00	117.00	936.00
	Remove damaged and Replace left Warning light assembly.	5.00	117.00	585.00
	Remove Realign and Reinstall Rt. Rear Fender.	8.00	117.00	936.00
	Remove damaged and Replace left Headlight light assembly.	8.00	117.00	936.00
	Remove Rt Warning light assembly Reinstall after paint complete.	4.00	117.00	468.00
	Remove Rt Headlight assembly Reinstall after paint complete.	4.00	117.00	468.00
	Remove Lt. and Rt. windshields Reinstall after paint complete.	6.00	117.00	702.00
	Remove Lt. and Rt. Grab handles on front of cab Reinstall after paint.	6.00	117.00	702.00
	Remove Upper and Lower Grilles Reinstall after paint complete.	8.00	117.00	936.00
	Remove Rt. and Lt. Windshield wipers Reinstall after paint complete.	5.00	117.00	585.00
	Remove front bumper. Install New Bumper Skin and Reinstall after paint complete.	10.00	117.00	1,170.00
	install New Lt. Front Marker Light.	1.00	117.00	117.00
	Remove and install New j-Molding on Front Doors.	4.00	117.00	468.00
	Install New Steering Gear.	15.00	117.00	1,755.00
	Install New Drag Link.	6.00	117.00	702.00
	Remove Damaged Front Cab Skin. Istall New Cab Skin, Weld and Prep for Paint.	120.00	117.00	14,040.00

The prices stated on this estimate are good for 45 days from the date of estimate. I hereby authorize Sutphen Service & Parts to perform the repair work as detailed above, including sublet work, along with the necessary material. An express mechanic's lien is acknowledged on above to secure the amount of repairs thereto. I agree that Sutphen is not responsible for loss or damage to the vehicle or articles left in the vehicle in case of theft, fire, or other causes beyond our control. I grant authorized Sutphen employees permission to operate the vehicle for testing, inspection or delivery at my risk. I understand that closer analysis may reveal additional labor, parts, or materials necessary to complete the repair. For quoted repairs, the final price may vary by 10% without additional customer approval and will be billed at current time and material rates.

Customer responsible for transportation of vehicle to and from Sutphen Service

PLEASE NOTE: A daily storage charge of \$25.00 will be applied to vehicles that have not been picked up after 5 business days from the date of notification that repairs have been completed. Customers receiving quotes for services have 5 business days from receipt of the written quote to authorize service or retrieve vehicles. Storage fees will apply to vehicles left past 5 business days unless signature authorizing service has been received.

<b>Sales Subtotal</b>	61,071.04
<b>Misc Charges</b>	0.00
<b>Sales Tax</b>	0.00
<b>Sales Total usd</b>	<b>61,071.04</b>

Authorized Signature:

Date: