



500 West Big Beaver
Troy, MI 48084
troymi.gov



CITY COUNCIL AGENDA ITEM

Date: May 20, 2024

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Deputy City Manager
Megan 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 – Will-Burt Light Tower Repairs; Engine 6 – Fire Department (Introduced by: Peter Hullinger, Fire Chief)

History

The Fire Department has onboard, roof mounted, vehicle integrated scene lighting on all of the fire engine apparatus to supply adequate lighting while operating at fire scenes. Engine 6 is a 2010 Pierce PUC engine that had a Will-Burt Nightscan 721549010 Light Tower.

On March 30, 2024, while performing weekly equipment checks, the light tower was left in a deployed condition and struck the building causing extensive damage to the light. The light was removed from Engine 6 by City of Troy Motor Pool and evaluated by our Will-Burt dealer, Apollo Fire Equipment Company of Romeo, MI who determined that the light was damaged beyond their ability for repairs. At the recommendation of the manufacturer, The Will-Burt Company of Orville, OH the light tower was packaged and delivered to them for evaluation on May 3, 2024. Evaluation by the manufacturer confirms repairable damage, significantly below the cost of purchasing a new light tower.

Purchasing

The bid process is waived because the damage to the light tower is beyond the repair ability of a dealer, and is recommended by the manufacturer, The Will-Burt Company, that repairs are to be performed by them at their factory.

Pricing for the repairs, including labor, has been secured from *The Will-Burt Company of Orville, OH* for an estimated total cost of \$14,365.97 as detailed in Quote 2400191. An additional 20% contingency is requested, to cover any additional labor or components identified as required during repairs, for a total not to exceed cost of \$17,239.16.



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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 101.336.338.740.115, Operating Supplies Fire Equipment, and shall include an additional 20% contingency, if necessary, to cover any additional labor or components identified as required during repairs, for a total not to exceed cost of \$17,239.16.

Recommendation

City Management recommends, in the best interest of the City, that the bid process be waived and a contract be awarded to *The Will-Burt Company of Orville, OH* for the repair of the Nightscan Light Tower from Engine 6, for an estimated cost of \$14,365.97, plus a 20% contingency to cover any additional labor or components identified as required during repairs, for a total not to exceed cost of \$17,239.16.



12584 Lakeshore Drive, Romeo, Michigan 48065 Toll Free (800) 626-7783 Local (586) 752-6828

April 17, 2024

Eric Emmons

Lieutenant

Troy Fire department

500 West Big Beaver Road

Troy, MI 48084-5254

Morning Lt

Due to the light tower sustaining significant damage after striking the building, and subsequent review of the damage by Apollo Fire Apparatus Sales and Service, and photos sent to Mike Sanchez at Will-Burt, it has been determined that the Will-Burt Nightscan light tower in question is damaged beyond the capability of Apollo Fire Apparatus Sales and Service. We would recommend sending the tower back to the factory for evaluation and repair.

Sincerely

Mike Myny

Shop Foreman





An Employee Owned Company

April 9, 2024

City of Troy
500 W Big Beaver
Troy, MI 48084

RE: Light Tower Repair

To Whom it may concern

If the tower in question is damaged beyond the capability of a local dealer, we would recommend sending the tower back to the factory for evaluation and repair.

Respectfully,

Mike Sanchez
Customer Service Representative-
Technical Support
The Will-Burt Company



The Will-Burt Company
401 Collins Blvd Orrville,
OH 44667

PRICE QUOTE

Quote Number

2400191

AN EMPLOYEE OWNED COMPANY

Tax ID 34-0620280

DUNS: 00-446-9797

Customer : CITY OF TROY

500 W BIG BEAVER
TROY, MI 48084

Attention: SHAWN HUGG

Phone: 248-524-3422

Fax :

Email:

Will-Burt Sales Person

Name: Michael Sanchez

Phone: 330-684-5296

Mobile:

Fax:

Email: msanchez@willburt.com

Quote Date	Expiration Date	Payment Terms	Lead Time	Freight Terms
14-May-24	13-Jul-24	Cash In Advance	4-5 Weeks	No Charge

Quantity	Part #	Model & Description	Unit Price	Extended Price
1	969664	REPAIRING THE LIGHT TOWER ACCORDING	\$ 14,365.00	\$ 14,365.00
		TO THE EVALUATION PROVIDED, WITH		\$ -
		LED KIT P/N 5803901.		\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -

Sale Amount: \$ 14,365.00

Freight:

Other:

Total: \$ 14,365.00

All product sales are subject to The Will-Burt Company's standard TERMS AND CONDITIONS OF SALE, which are incorporated herein by reference and can be located at the following website link: www.willburt.com

ISO 9001:2008 CERTIFIED

NS Repair Evaluation Form

Customer: City of Troy

Return Date: 5/03/2024

Mast Model: 721549010 S/N54645

Work Order: C43660

RGA # J166889 969664

1. Condition of unit on arrival. Strapped to skid
2. No HHRC
- 3.

2. Reason for return. Eval and repair

3. Date of original Night Scan shipment, if available. N/A

4. Is Mast covered by warranty? ☐ Yes ☒ NO

5. Condition of:

- ☞ Base: bent
- ☞ RCP: Motors bad
- ☞ Light Fixture: Bent light bars, broke lens , 2 broke lights, 2 blown bulbs
- ☞ Others: coils cord, mag switch
- ☞

6. Are parts made to current revision level? ☒ Yes ☐ No

7. Explain type of rework required. we will be replacing the base frame because its bent, we will also be replacing the base weldment and base to which are bent and broke, the coil cord and all internal hardware for the tubes will be replaced with new. the rcp will need new covers and shaft threw motors and nylon nuts. both light bars are bent and two lights are broke along with 2 lens led. this unit was dropped off in person so shipping crate is optional if they don't wanna pick the unit back up

8. List recommended replacement parts.

<u>Qty</u>	<u>Parts</u>	<u>Description</u>
<u>1pc</u>	<u>4121801-4121803</u>	<u>left & right light bar</u>
<u>12</u>	<u>3772</u>	<u>nylon nuts</u>
<u>2</u>	<u>913167</u>	<u>rcp covers</u>
<u>1</u>	<u>4139401</u>	<u>base weldment</u>
<u>1</u>	<u>913414</u>	<u>base tube</u>
<u>1</u>	<u>913174</u>	<u>base frame</u>
<u>1</u>	<u>913289</u>	<u>coil cord</u>
<u>1</u>	<u>5803901</u>	<u>LED light modules</u>
<u>1pc</u>	<u>902464-902467</u>	<u>seals</u>
<u>1pc</u>	<u>902414-902417</u>	<u>wear bands</u>
<u>1pc</u>	<u>902647-902650</u>	<u>internal bumpers</u>
<u>1</u>	<u>4022201</u>	<u>sticker</u>
<u>1</u>	<u>5593707</u>	<u>sticker</u>
<u>1</u>	<u>900747</u>	<u>sticker</u>
<u>1</u>	<u>4295501</u>	<u>sticker</u>
<u>1</u>	<u>34336</u>	<u>heat shrink 3ft</u>
<u>1</u>	<u>4524701</u>	<u>mag switch</u>
<u>6</u>	<u>4172</u>	<u>hex head bolts for weldment</u>
<u>2</u>	<u>4246107</u>	<u>optimal lens</u>
<u>2</u>	<u>912629</u>	<u>optimal light</u>
<u>1</u>	<u>4530603</u>	<u>metal cord grip</u>
<u>1</u>	<u>901655</u>	<u>cord grib</u>
<u>1</u>	<u>914170</u>	<u>o-ring</u>
<u>3</u>	<u>4158501</u>	<u>shaft threw motors</u>
<u>1</u>	<u>4306901</u>	<u>vertical shaft</u>
<u>1</u>	<u>4994401</u>	<u>top tube stop</u>
<u>1</u>	<u>4283701</u>	<u>2 piece clamp</u>
<u>2</u>	<u>4271601</u>	<u>nightscan logo</u>
<u>2</u>	<u>4363701</u>	<u>light wiring harness</u>
<u>2</u>	<u>900524</u>	<u>1500wt bulbs</u>
<u>1</u>	<u>914205</u>	<u>large crate (optional)</u>
<u>labor 16hr</u>		

Repaired By: _____

Date: _____

Inspected By: Tyler Hoover

Date:



