



AGENDA ITEM # 13B

**AGENDA ITEM EXECUTIVE SUMMARY
Village Board Meeting
April 9, 2018**

Item Title: **Aerial Lift Truck Repairs Authorization**

Staff Contact: Victor C. Ramirez, P.E. Public Works Director

VILLAGE BOARD ACTION

<p>Confirm the emergency approval of repairs to the aerial lift truck with Certified Fleet Services.</p>

Executive Summary:

On March 7, 2018, the aerial lift truck was exiting the west end of the Public Works Garage and the bucket and lift portion of the truck collided with the overhead door. The overhead door had started to descend as the truck exited. After an extensive review of the accident, staff was unable to determine what triggered the door to descend. Some of the contributing factors to the accident were:

- The reverse-sensor eyes for the door are about three feet above the floor. However, the bucket and lift equipment extends about three feet in front of the truck allowing it to be past the sensors before the sensors are interrupted by the front of the truck.
- The distance from the bucket and associated equipment is a mere two feet below the door when fully opened. When the door started to descend it was too late to stop and reverse the truck.

Since this type of incidence could occur again, staff has installed a physical disconnect switch at both the east and west end overhead doors. This switch can now de-energize the door prohibiting any action. A new standard operating procedure has been established that requires the driver to stop, exit the vehicle, de-energize the door, proceed out, then re-energize and close the door.

Due to the emergency nature of the repair since this vehicle is used on a regular basis, and the need to be certified for safe operation, the only local authorized repair facility for Terex/Versalift for both repairs and safety certification is Certified Fleet. Staff recommended proceeding with the repairs as parts must be ordered and the repair timeframe is relatively long at six weeks minimum. Therefore, the Village Administrator authorized the Public Works Director to proceed with the emergency repair.

Implications:

Is this item budgeted? No. The FY 2018 Budget does not appropriate funds for this type of repair. The IRMA deductible is \$25,000 so it is ineligible for reimbursement as a claim. The repair estimate cost is \$23,895 of which \$20,982 is attributable to the accident, and \$2,913 is related to O&M repairs. Funds will be used from General Fund reserves for the repair.

Any other implications to be considered? None.

Attachments:

Certified Fleet estimate 4 9 18



Certified Fleet Services, Inc.



March 14, 2018

Tim Thompson
Roselle Public Works
email; tthompson@roselle.il.us
Subject: Estimate for accident repairs to unit 53

Dear Tim,

Certified Fleet Services, Inc. is pleased to provide you with an estimate for repairs to your unit. We are dedicated to providing our customers with the finest service in the industry. With our ASE Certified technicians you will get fast and reliable service. We have over 40 years of experience in the repair, inspection, and service of aerial lifts. The estimate below includes highlighted items that have additional comments listed after the list of repairs. The price listed below does not include any items not listed. If any additional problems are found during disassembly you will be notified prior to additional charges being incurred.

Accident related

1. Disassemble unit to check for accident damage.
Removed extension boom and disassembled to check pins and extension cylinder, OK. Disassembled leveling cylinders, slave cylinder rod end broke off and master cylinder full of shavings. 2,130.00
 2. Replace bucket rotator. 3,136.00
 3. Replace rotator lower bracket. 1,351.00
 4. Replace master leveling cylinder. 3,813.00
 5. Replace slave leveling cylinder. 4,476.00
 6. Replace hose carrier. 989.00
 7. Replace extension cylinder nylon guide and top plate. 366.00
 8. **Reassemble unit.** 2,094.00
 9. Replace 6 hose in extension boom cat track. 2,077.00
 10. Performed OSHA aerial lift inspection and dielectric test. 550.00
- Total: \$20,982.00**

Note: Item # 10, the above price does not include any other parts, repairs or components if needed. You will be notified prior to additional charges being incurred.

Inspection related

1. Replace all extension boom outer wear pads. 483.00
 2. Replace all extension boom inner pads. 626.00
 3. Replace 2 bad hoses in turret. 664.00
 4. Replace bad insulated arrow tape on extension boom. 217.00
 5. Repair fiberglass chips and gouges in boom and bucket. 586.00
 6. Replace bucket anti-skid tape. 71.00
 7. Replace hydraulic filter and top off fluid, metal shavings in fluid. 266.00
- Total: \$2,913.00**

Thank you for the opportunity to serve you. Should you have any questions, please call me.

Sincerely,

Stephen Wilde

Stephen Wilde
President