

**CITY OF SPRINGFIELD ELECTRIC DEPARTMENT  
1000 CENTRAL AVENUE WEST  
SPRINGFIELD, TENNESSEE 37172**

**PROPOSAL CONTRACT**

**NEW 40' AERIAL DEVICE WITH MATERIAL HANDLER  
MOUNTED ON 2016 FORD F-550 TRUCK**

**BID OPENING DATE: September 28, 2015**

**TIME: 2:00 p.m.**

Contents:

- I. Proposal/Bid Preparation
- II. Base Bid
- III. Specifications
- IV. Non-Collusion Affidavit
- V. Business Relationships Affidavit

**I. PROPOSAL**

**A. Preparation**

BIDDER shall submit two (2) copies of bid proposal in a sealed envelope addressed to:

City Recorder  
City of Springfield  
405 North Main Street  
Springfield, TN 37172

Bids will open **Monday, September 28, 2015, at 2:00 p.m. CST.** No telephone, faxed, or e-mailed bids will be considered.

**B. Pricing**

The BIDDER declares that this proposal is made without connection with any other person or persons bidding for the same work. Bids shall not contain any unbalanced prices, unauthorized additions, alterations, limitations, conditions, or provisions. Non-Collusion Affidavit and Business Relationships Affidavit must be returned with bid.

***BIDDER shall use Page 5 of this document to list all prices, terms, conditions, exceptions, and warranties.***

Springfield Electric reserves the right to reject any or all bids.

**C. Inspections and Tests**

Unless otherwise specified in the contract or purchase order, BIDDER shall be responsible for the performance of all inspection and test requirements necessary to insure compliance with this specification. This action does not preclude subsequent inspection and testing by OWNER to further determine conformance to specification requirements of quality standards of workmanship, material, and construction techniques.

**D. Questions**

Any questions concerning these specifications should be directed to:

Nicky Pinson  
Springfield Electric Department  
1000 Central Avenue West  
Springfield, Tennessee 37172  
(615) 384-6770 ext. 121  
(615) 382-1642 (Fax)  
[npinson@springfield-tn.org](mailto:npinson@springfield-tn.org)

**E. Decal**

No decals or markings of any type pertaining to advertisement shall be placed on vehicles delivered to the City of Springfield, except trademarks or model designation normally installed by the manufacturer on the vehicle.

**F. Preparation for Delivery**

Pre-delivery servicing and adjustments: Prior to acceptance by the City of Springfield, the dealer shall service and adjust vehicle for operational use as a minimum the following:

1. Focusing of lights
2. Tuning of engine
3. Adjustment of accessories
4. Checking of electrical, braking, and suspension system
5. Charging of battery
6. Alignment of front end
7. Inflation of tires
8. Balancing of all wheels
9. Complete lubrication of engine, chassis, and operating mechanisms with recommended grades of lubricants for the ambient air temperature at the time of delivery
10. Servicing of cooling system with permanent type anti-freeze and summer coolant for -20 degree F.

**G. Trade -In**

The City of Springfield offers no trade-in for this unit.

## II. BASE BID

Proposal of \_\_\_\_\_, herein called "BIDDER", to the City of Springfield Electric Department, herein called "OWNER":

That for and in consideration of the mutual agreements and covenants herein contained, the parties agree and bind themselves as set out below:

The BIDDER, in compliance with the invitation to bid for a **NEW 40' AERIAL DEVICE WITH MATERIAL HANDLER MOUNTED ON 2016 FORD F-550 TRUCK**, having examined the plans and specifications with the related documents, and being familiar with all the conditions surrounding the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, and supplies, and to install the equipment in accordance with the contract documents, within the time set forth therein, at the price stated therein.

Bidder agrees to perform work in compliance with all codes applicable to this project. All work is to be performed in a neat and professional manner.

**This project is to be bid by BIDDER as a LUMP SUM BID for all work described in this specification.**

BIDDER hereby agrees to complete work under this contract and make delivery within two-hundred ten (210) calendar days after receipt of order.

Prior to commencement of work, the successful bidder shall be required to provide OWNER the following:

- a. All executed documents related to this project returned to OWNER, and;
- b. Written guarantee of material and workmanship for all work to be performed under this contract including any terms and conditions of guarantee.
- c. Complete specifications, pictures, and literature describing and illustrating the proposed equipment submitted for OWNER'S approval.

**ANY EXCEPTIONS OR SUBSTITUTIONS FROM THESE SPECIFICATIONS ARE TO BE NOTED AND EXPLAINED WITH ALL DOCUMENTATION SUPPLIED.**

**NEW 40' AERIAL DEVICE WITH MATERIAL HANDLER  
MOUNTED ON 2016 FORD F-550 TRUCK**

**Bid Opening**

**Date: September 28, 2015 Time: 2:00 p.m. CST**

.....

Base Bid \$ \_\_\_\_\_

Options: \_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

Trade Allowance: \$ \_\_\_\_\_

Total Bid w/options Less Trade Allowance \$ \_\_\_\_\_

Terms and Length of Warranty/Guarantee: \_\_\_\_\_

\_\_\_\_\_

Other Terms and Conditions: \_\_\_\_\_

\_\_\_\_\_

Exceptions/Substitutions:

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

.....

**Notes:**

1. Bidder must submit with bid proposal complete specifications, pictures, and literature describing and illustrating the proposed equipment.
2. Include all shipping charges with bid proposal. Pricing shall include delivery to 1000 Central Avenue, Springfield, Tennessee 37172.

3. Sales tax is not to be included. We are a tax-exempt local government agency.
4. Final payment shall be made to successful BIDDER by OWNER within thirty (30) days after:
  - a. Delivery of product, and assembly if applicable, and;
  - b. The approval by the OWNER of all work performed under the proposal, and;
  - c. An affidavit has been submitted to OWNER by BIDDER stating that payment has been made for all labor, materials, and subcontractors under this proposal.
5. BIDDER agrees to be bound by the bid price in this proposal for a period of sixty (60) days from the date of the opening of the bid.
6. The OWNER reserves the right to reject any or all bids, to waive any informality in bids, and to accept in whole or part such bid or bids as may be deemed in the best interest of OWNER.

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Signature – BIDDER

---

Printed Name

---

Company Name

---

Address

---

Telephone No.

---

Date

### **III. WARRANTY**

The manufacturer warrants vehicle to be good material and workmanship and agrees to promptly replace any part or parts that fail due to defective material and workmanship for a period of 36 months or 100,000 miles, whichever comes first, from the date vehicle is placed in service by the City of Springfield. Standard warranties for digger derrick, winch, and utility line body shall apply. Replacement shall be free of charge excluding any deductibles standards to such warranties. If such failure renders the vehicle incapable of being driven, the vendor will be responsible for transporting the vehicle to their place of business. If such failure takes place outside the dealer's services area, the dealer shall be responsible for reimbursing the nearest authorized dealer for services rendered under this warranty. Tires are exempted from this warranty, but must be covered by the tire manufacturer's standard warranty and services by the local authorized dealer of the tire manufacturer. Manufacturer's Warranty and any extended warranty options on all equipment shall be submitted with bid.

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**SPECIFICATIONS FOLLOW THIS PAGE**

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**SPECIFICATIONS FOR A 40 FOOT  
HYDRAULIC TELESCOPIC AERIAL DEVICE WITH MATERIAL HANDLER**

This specification is to set forth the specific requirements for a 40 foot to bottom of platform, hydraulic operated, telescopic, articulating aerial device equipped with single platform, material handling jib/winch with a steel line service body mounted on an appropriate chassis/cab. These insulating aerial device requirements shall also include an insulating lower arm insert, insulating telescopic upper boom and a dielectrically tested insulating control handle, with upper control isolation system at the boom tip, offering an additional layer of secondary dielectric protection for the operator. Includes both front and rear outriggers.

This aerial device shall be to the manufacturer's standard. It shall be equipped with the manufacturer's equipment and accessories which are included as standard in the advertised and published literature for the unit. No such item of equipment or accessories shall be removed or omitted for the reason that it was not specified in the bid.

If it is necessary to bid alternate equipment or to take exceptions to the specifications as set forth, this must be so stated in your bid. For each item, please place an X in the appropriate space (Yes\_\_ No\_\_) to signify whether or not you are in complete compliance with the specification. Failure to follow the format or answer the specification may cause your bid to be disqualified. If you need extra space to describe your product, please attach extra sheets. When doing this, be sure your description references the appropriate question number.

**COMPLY**  
**YES      NO**

**GENERAL SPECIFICATIONS**

- |    |  |       |       |
|----|--|-------|-------|
| 1. | Telescopic articulating aerial with an insulating telescopic upper boom and a dielectrically tested insulating control handle, with upper control isolation system at the boom tip, for installation behind chassis cab, built in accordance to standard specifications and to include the following features: | _____ | _____ |
|    | A. <u>Ground to Bottom of Platform Height:</u> 40 feet at 12.4 feet from centerline of rotation (12.2 m at 3.8 m)  | _____ | _____ |
|    | B. <u>Working Height</u> – 45 feet (13.7 m)  | _____ | _____ |
|    | C. <u>Maximum Reach to Edge of Platform:</u> 30.8 feet at 16.5 foot platform height (9.4 m at 5.0 m )  | _____ | _____ |
|    | D. <u>Pedestal:</u> Post-type structure design with 12.75 inch (323.8 mm) diameter vertical pedestal tube with a heavy-duty welded flange at the base end and openings that provide easy access to the hydraulic hoses. The round structure facilitates personnel movement between the pedestal and            | _____ | _____ |



COMPLY  
YES            NO

GENERAL SPECIFICATIONS

body sides. Includes pedestal base plate for attachment to subbase

- |   |       |       |
|---|-------|-------|
| E. <u>Rotation</u> : Continuous rotation is provided by worm gear drive, equipped with extended shaft for manual rotation, driving a shear ball bearing rotation gear. The fully adjustable rotation drive assembly includes an external eccentric ring adjustment of the gearbox pinion gear to the main rotation bearing, permitting the <u>ability to easily adjust backlash</u> , reduce boom side play and ensure proper tooth contact over the life of the unit. This reduces life cycle cost. All bearing attachment bolts are easily accessed from outside the pedestal and inside the turntable. | _____ | _____ |
| F. <u>Turntable</u> : Steel fixture-welded structure with a 1.25 inch (32 mm) steel bottom plate. The bottom plate of the turntable is machined after welding to ensure a flat mounting surface for the rotation bearing. The hydraulic rotary joint and hydraulic hoses are located in the turntable for ease of access. The main control valve is located outside the turntable for convenience and ease of access and is covered for protection.   | _____ | _____ |
| G. <u>Articulating Arm</u> : Tubular steel structure. The articulating arm is designed so that the articulating arm and tension link are compensating. By raising the articulating arm only, the lower and upper boom maintain the same relative angle with the ground. By raising the articulating arm in conjunction with the lower boom, the operator is able to position himself more quickly and easily into the work area.  | _____ | _____ |
| H. <u>Lift Cylinders</u> : The rod eye is welded to the rod while the blind end of the cylinder is of cast steel, one piece design, which utilizes cartridge-type, bi-directional counter-balance holding valves. The lower boom and arm cylinders have spherical-type bearings on both rod and base ends.  | _____ | _____ |
| I. <u>Lower Boom</u> : Fabricated, reinforced steel box structure. Polyethylene outer slide pads slide pads and Nylatron GSM inner slide pads are installed at the boom tip to guide the telescopic upper boom. These pads have a large contact area in order to reduce wear. The pads are shimmed and attached for ease of adjustment or   | _____ | _____ |

COMPLY  
YES                      NO

GENERAL SPECIFICATIONS

replacement without disassembly of the booms.

- |   |       |       |
|---|-------|-------|
| <p>J. <u>Lower Boom Pivot Pin</u>: high strength chrome plated steel with self-lubricating, replaceable, non-metallic bearings.</p>   | _____ | _____ |
| <p>K. <u>Telescopic Upper Boom</u>: filament wound, square fiberglass, providing a minimum of 31.5 inches (965 mm) of isolation. The inner surface of the fiberglass boom is coated with polyurethane to provide a dry, smooth inner surface, which will cause moisture to bead. The outer surface has a smooth gelcoat finish.</p>   | _____ | _____ |
| <p>L. <u>Upper Boom Extension</u>: The upper boom is extended and retracted by a double acting hydraulic cylinder installed within the booms. The boom extends and retracts over slide bearings located in the end of the lower boom.</p>   | _____ | _____ |
| <p>M. <u>Platform Leveling System</u>: The platform is leveled by hydraulic leveling means, contained within the upper boom and designed to <b>maintain the dielectric integrity of the aerial device</b>. Controls for leveling and tilting the platform are located at the platform. Leveling for the platform includes two double acting cylinders incorporating counterbalance load holding valves to lock the platform in the event of hydraulic line failure. Cylinders are located at the platform and at the end of the lower boom. The master-slave action of the cylinders maintains a level platform throughout the full range of boom articulation.</p>   | _____ | _____ |
| <p>N. <u>Platform</u>: Fiberglass non-insulating platform for use with or without insulating liner (per ANSI A92.2).</p>  | _____ | _____ |
| <p>O. <u>Controls</u>: Boom and articulating arm functions are controlled with a single handle control. Control, through non-metallic linkages, actuates the interlock section and four individual boom function valves. The control provides good metering capability at all boom speeds. The single handle control activates Lower Boom—<b>Up and Down</b>, Upper Boom—<b>Extend and Retract</b>, Rotation—<b>Clockwise/Counter-clockwise</b>, and Articulating Arm—<b>Raise and Lower</b>. Unit rotation is accomplished by moving the control from side to side similar to a tiller while upper boom operation is accomplished by twisting the control handle clockwise to retract and counter clockwise to</p> | _____ | _____ |

COMPLY  
YES            NO

GENERAL SPECIFICATIONS

extend.

- |  |              |              |
|--|--------------|--------------|
| <p>P. <u>Lower Boom Lifting Eye</u>: provides for 1,000 pounds (454 kg) of lifting capacity. <b>Optional, not standard.</b></p>  | <p>_____</p> | <p>_____</p> |
| <p>Q. <u>Hydraulic Tool Circuit</u>: Control easily accessible to the operator activates the tool circuit which provides a maximum of 6.0 gpm (22.7 lpm). Tool system relief pressure set at 2,000 psi (13.8 Mpa). One set of hydraulic tool outlets is standard at the boom tip; they consist of one set of quick disconnect couplings at the platform, a valve assembly inside the control cover, and detented control handle. Operates open center tools.</p> | <p>_____</p> | <p>_____</p> |
| <p>R. <u>Outrigger/Boom Interlock System</u>: Prevents boom from being unstowed until outriggers have been at least partially deployed.</p>  | <p>_____</p> | <p>_____</p> |
| <p>S. <u>Outrigger/Unit Selector Control</u>: Located near the outrigger controls, allows operator to divert hydraulic oil from machine circuit for outrigger operation. This reduces the potential for inadvertent outrigger movement during machine operation if outrigger controls are bumped.</p>  | <p>_____</p> | <p>_____</p> |
| <p>T. <u>Outrigger Motion Alarm</u>: Provides audible alarm when any of the outriggers are in motion.</p>  | <p>_____</p> | <p>_____</p> |
| <p>U. <u>Back-up Alarm</u>, installed</p>  | <p>_____</p> | <p>_____</p> |
| <p>V. <u>Diagnostic Pressure Test Quick Disconnect Couplings</u>: are located at the turntable to allow a mobile service technician to quickly and easily attach a test gauge to verify system and tool circuit pressure. This reduces life cycle cost.</p>  | <p>_____</p> | <p>_____</p> |
| <p>W. <u>ANSI Category C, 46 kV and below</u> dielectric rating. Upper boom must be extended approximately 20 inches.</p>  | <p>_____</p> | <p>_____</p> |
| <p>X. <u>Manuals</u>: Two (2) Operator's and two (2) Maintenance/Parts manuals containing instructional markings indicating hazards inherent in the operation of an aerial device.</p>   | <p>_____</p> | <p>_____</p> |
| <p>Y. <u>Paint</u>: Painted white with a Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion.</p>   | <p>_____</p> | <p>_____</p> |

COMPLY  
YES            NO

GENERAL SPECIFICATIONS

Paint is electro-statically applied to the *inside* as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection

- |     |  |       |       |
|-----|--|-------|-------|
| 2.  | Single One-Man Platform – 24 x 30 x 42 inches (610 x 762 x 1067 mm) end mounted platform, rotates 180 degrees around boom tip. 400lbs platform capacity.   | _____ | _____ |
| 3.  | Material handling system is to include:<br><br>Hydraulically articulating jib; with 80ft of 0.50 inch polyester double braid rope and a metal thimble in the working end. Minimum breaking strength of the rope is 8,400 lbs. Material handling capacity is dependent upon upper boom extension and lower boom articulation angle  | _____ | _____ |
| 4.  | Engine start/stop with emergency operating system, 12 VDC electric powered. Includes pump and motor, operates from chassis battery. Control is captive air operated from the platform and toggle switch operated from the lower controls. This option allows the operator to completely stow the booms and platform in a situation wherein the primary hydraulic source fails. | _____ | _____ |
| 5.  | Jib Stick, 36" L, non-extension, non certified, grey in color.   | _____ | _____ |
| 6.  | Winch Load Line Swivel Hook  | _____ | _____ |
| 7.  | Lifting Eye- lifting eye at outer end of lower boom. Rated at 1,000lbs lifting capacity  | _____ | _____ |
| 8.  | Slip ring: required for engine start/stop, secondary stowage system, and throttle control options  | _____ | _____ |
| 9.  | Fall Protection System to include one body harness and decelerating type lanyard. Harness has adjustable slide buckle on shoulder straps, Velcro chest strap, interlocking buckles on leg straps and nylon web loop fall arrest attachment on back. Lanyard has built in shock absorber that allows 28 inches (711 mm) of automatic adjustability.                             | _____ | _____ |
| 10. | Primary, modified A-frame outrigger installed at front, behind chassis cab with 112.0 inches (3302 mm) of spread at  | _____ | _____ |

COMPLY  
YES                      NO

GENERAL SPECIFICATIONS

maximum penetration. Rear outriggers in back. Outrigger control valves, includes solenoid valve controller via rocker switches at the tailshelf.

- |     |  |       |       |
|-----|--|-------|-------|
| 11. | Electric Outrigger Controls  | _____ | _____ |
| 12. | Two (2) Platform steps- located on the side of the platform nearest the elbow in the stowed position   | _____ | _____ |
| 13. | Soft platform cover for platform.  | _____ | _____ |
| 14. | Polyethylene platform liner, 50 kV rating (minimum)  | _____ | _____ |
| 15. | Pump, gear type.   | _____ | _____ |
| 16. | <p>Power Distribution Module is a compact self-contained electronic system that provides a standardized interface with the chassis electrical system. The Power Distribution Module (PDM) is composed of a main board, approximately 12.0 x 13.0 inches (305 x 330 mm), designed to be mounted behind the driver's seat, inside the cab. Additional modules plug in to accommodate various options such as engine start/stop, variable throttle control, power take off, interface with Allison World transmission, and engine speed control module for specific engines and chassis. In addition to the above potential options, the PDM also provides up to 16 accessory circuits to be used for controlling other customer specified electrical components. The PDM includes built in test capabilities and diagnostic input, output and status LED's to quickly assess the PDM's performance. All components are circuit board mounted to facilitate replacement and reduce repair time should it be required.</p> <p>The PDM provides benefits to the customer by providing a standardized, centrally located box that greatly reduces troubleshooting time when evaluating ancillary electrical system malfunctions, thereby reducing maintenance costs.</p> | _____ | _____ |
| 17. | Reservoir, rectangular, 15 gallon, with sight and temperature gauge, installed in right front of cargo area  | _____ | _____ |
| 18. | Rubber wheel chocks, (pair) 10 inches long x 8 inches wide x 5-1/2 inches high (254 x 203 x 140 mm)  | _____ | _____ |

COMPLY  
YES      NO

**GENERAL SPECIFICATIONS**

**UNIT AND HYDRAULIC ACCESSORIES**

- |     |  |       |       |
|-----|--|-------|-------|
| 19. | Scuff pad for platform liner to protect liner floor                      | _____ | _____ |
| 20. | HVI-22 Hydraulic oil and lubricants                                      | _____ | _____ |
| 21. | Standard Pump for PTO  | _____ | _____ |
| 22. | Electric Shifted PTO   | _____ | _____ |
| 23. | Standard PTO/Transmission Functionality for Small Ford and Dodge Chassis | _____ | _____ |
| 24. | Heavy-duty platform support installed at tailshelf                       | _____ | _____ |

**BODY AND ACCESSORIES**

- |     |  |       |       |
|-----|--|-------|-------|
| 25. | LGSS-132-84 (81) Body Aerial Service Line//Step Body, suitable for installing on any chassis with an approximate CA dimension of 84", built in accordance with the following minimum specifications: | _____ | _____ |
|-----|--|-------|-------|

Body - Fabricated from hot-dipped, galvanized steel with 100% iron zinc alloy coating

1. 16 gauge outside panels
2. 18 gauge shelving
3. 12 gauge diamond plate steel floor
4. 16 gauge end panels
5. Structural channel sub-base
6. Full length aluminum drip rail

F. Body Dimensions:

- 132 Inch Body Length
- 94 inch outside width
- 40 inch body height
- 20 inch compartment depth
- 54 inch floor width

G. Compartmentation – Streetside:

First Vertical – 34" W- Two (2) adjustable shelves with

COMPLY  
YES      NO

GENERAL SPECIFICATIONS

removable dividers on 4 Inch centers, Outrigger housing.

Second Vertical – 24" W-Two (2) adjustable shelves with removable dividers on 4 Inch centers

Horizontal – 50" W- One (1) Fixed Shelf with removable dividers on 4" centers in bottom of compartment

Rear Vertical –24" W- Six (6) locking swiveling hooks on adjustable rail, (1-4-1)

Hotstick Shelf – Full length of body with two (2) hotstick brackets and access door at rear

H. Compartmentation – Curbside:

First Vertical – 34" W- Two (2) adjustable shelves with removable dividers on 4 Inch centers, Outrigger housing.

Second Vertical –24" W- Gripstrut Access steps with two(2) grab handles

Horizontal – 50" W- One (1) adjustable shelves with removable dividers on 4 inch centers, and one (1) fixed shelf with removable dividers on 4" centers in bottom of compartment.

Rear Vertical – 24" W -Six (6) locking swiveling hooks on adjustable rail (1-4-1)

- |    |  |       |       |
|----|--|-------|-------|
| 2. | Steel Tailshelf, 29" L x 94" W, with retainer lip around all sides, with corner wash-out. Wheel chock holders installed on each side.                              | _____ | _____ |
| 3. | Rigid Step Mounted Beneath Side Access Steps ( Installed to extend approx. 2"  | _____ | _____ |
| 4. | Grab handles, installed one each side at rear of tailshelf   | _____ | _____ |
| 5. | Cable steps, installed one each side at rear of tailshelf  | _____ | _____ |
| 6. | Security door lock system with provisions for locking all compartments with central locking points, one each side at the front of the body to allow use of padlock | _____ | _____ |
| 7. | LED Strip lights installed in each compartment. Wiring installed in loom with switch located in cab. Switch to be energized only when chassis lights are on.       | _____ | _____ |

COMPLY  
YES            NO

**GENERAL SPECIFICATIONS**

**BODY ACCESSORIES**

- |     |   |       |       |
|-----|---|-------|-------|
| 8.  | Warren 15,000 lb Electric Front Winch with Bumper Package installed   | _____ | _____ |
| 9.  | Triangular reflector kit  | _____ | _____ |
| 10. | Five pound fire extinguisher with mounting bracket, shipped loose   | _____ | _____ |
| 11. | ICC (Underride Protection) Bumper Installed at rear   | _____ | _____ |
| 12. | T-60 Style pintle hitch (10,000 lb MGTW with 2,000 lb MVL)with chassis frame reinforcement and two (2) safety chain rings | _____ | _____ |
| 13. | Steel Ladder Rack, Flat, installed on SS bins   | _____ | _____ |
| 14. | Plastic Outrigger Pads, With Rope Handle  | _____ | _____ |
| 15. | Two (2) Outrigger Pad Holders, Bolt-On, bottom washout holes, 3/4" lip retainer   | _____ | _____ |
| 16. | Water Cask and bracket, 5gal, installed on 1st Vertical, Curbside   | _____ | _____ |
| 17. | Slope Indicator Assembly for machine with outriggers  | _____ | _____ |

**ELECTRICAL**

- |     |  |       |       |
|-----|--|-------|-------|
| 18. | Lights and reflectors in accordance with FMVSS #108 lighting package, complete LED, including LED reverse lights installed   | _____ | _____ |
| 19. | 4-Pt Strobe, LED, Amber in color   | _____ | _____ |
| 20. | Wire compartment lights to dash mounted switch.  | _____ | _____ |
| 21. | 6- way Trailer receptacle, installed at rear   | _____ | _____ |
| 22. | Strobe Beacon, Amber LED, with brush guard, installed on post at front of body, One (1) each side (Federal Signal #420221-02 | _____ | _____ |



COMPLY  
YES                      NO

GENERAL SPECIFICATIONS

- |     |  |       |       |
|-----|--|-------|-------|
| 23. | One (1) Flood Light, LED, installed on back of pedestal, switch in cab   | _____ | _____ |
| 24. | Two (2) Remote Control Go- Lights, LED, mount one on CS of hood, and mount one on Streetside strobe post.            | _____ | _____ |
| 25. | Dual Tone Back-up Alarm with outrigger Motion Alarm  | _____ | _____ |
| 26. | Dash panel rocker switches supplied with Ford Chassis, 4 auxiliary switches supplied in up fitting package from Ford | _____ | _____ |
| 27. | Install secondary stowage system   | _____ | _____ |
| 28. | Hour meter installed to record PTO operating hours   | _____ | _____ |
| 29. | Install remote start/stop system in final assembly   | _____ | _____ |
| 30. | Install outrigger Interlock system   | _____ | _____ |
| 31. | PTO Indicator Light Installed in Cab   | _____ | _____ |

INSTALLATION

- |     |  |       |       |
|-----|--|-------|-------|
| 32. | Mounting aerial device   | _____ | _____ |
| 33. | Painted white with a Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electrostatically applied to the <i>inside</i> as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection | _____ | _____ |
| 34. | Mounting body and accessories  | _____ | _____ |
| 35. | Painting body and accessories white with urethane enamel   | _____ | _____ |
| 36. | Safety and Instructional signs, installed  | _____ | _____ |
| 37. | Delivery of completed vehicle  | _____ | _____ |

COMPLY  
YES      NO

**GENERAL SPECIFICATIONS**

**MISCELLANEOUS**

- |     |  |       |       |
|-----|--|-------|-------|
| 38. | This aerial device is designed in a facility that is certified to meet ISO 9001  | _____ | _____ |
| 39. | One (1) year parts warranty  | _____ | _____ |
| 40. | One (1) year labor warranty.   | _____ | _____ |
| 41. | Ninety (90) days warranty for travel charges.  | _____ | _____ |
| 42. | Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables. | _____ | _____ |
| 43. | Supply copy of manufacturer's warranty with bid  | _____ | _____ |

**CHASSIS**

- |     |                                      |       |       |
|-----|--------------------------------------|-------|-------|
| 44. | See Attached Chassis Specifications. | _____ | _____ |
|-----|--------------------------------------|-------|-------|

<u>Completed unit is to be delivered to the following address, cleaned, with at least ¼ tank of fuel and ready to place in service:</u>	_____	_____
---	-------	-------

Springfield Electric Department _____		
1000 Central Ave _____		
Springfield, TN 37172-0000 _____		

**BROCHURES AND LITERATURE:**

Your proposal must be accompanied by descriptive literature (marked), indicating the exact items to be furnished. The term "as specified" will not be acceptable.

**SPRINGFIELD ELECTRIC DEPARTMENT  
40' HYDRAULIC TELESCOPIC AERIAL DEVICE WITH MATERIAL HANDLER  
Cab and Chassis Specification**

**Cab and chassis to the following specifications:**

- 2016 Ford F-550 4x4 cab and chassis with a CA of 84"
- GVWR: 19,500 lbs payload plus upgrade package.
- 6.7L OHV Power Stroke V8 diesel engine
- TorqShift 6-speed automatic transmission
- Snow plow prep package including extra heavy duty alternator
- 4.88 limited slip axle.
- Air conditioning.
- Engine block heater
- 225/70Rx19.5G BSW max traction tires.
- Radio: ETR AM/FM stereo with digital clock.
- HD vinyl 40/20/40 slit bench seat
- Trailer brake controller
- Operator Commanded Regeneration (OCR)
- Painted Oxford White.
- Deliver completed unit to Springfield, TN. with no less than ¼ tank of fuel



CITY OF SPRINGFIELD  
BUSINESS RELATIONSHIPS AFFIDAVIT TO ACCOMPANY BID

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_, of lawful age, being first duly sworn on oath state that (s)he is the agent authorized by the bidder to submit the attached bid. The affiant further on his oath discloses the following information:

- (1) The nature of any partnership, joint venture or other business relationships then in effect or which existed within one (1) year prior to the date of such statement with the architect, engineer or other party to project.
- (2) Any such business relationship then in effect or which existed within one (1) year prior to the date of such statement between any officer or director of the bidding company and any officer or director of the architectural or engineering firm or other party to the project.
- (3) The names of all persons having any such business relationships and the positions they hold with their respective companies or firms.
- (4) If none of the business relationships hereinabove mentioned exist, then a statement to that effect.

FURTHER AFFIANT SAYETH NOT.

\_\_\_\_\_  
Authorized Agent

SUBSCRIBED AND SWORN to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

My Commission Expires:

\_\_\_\_\_  
Notary Public