



Request for Proposal

Telescoping Aerial Lift Truck

March 28th, 2022

City of Fargo Request for Proposal

The City of Fargo is requesting proposals for one (1) Telescoping Aerial Lift. Sealed proposals will be received by the City of Fargo Auditor's Office at 225 4th Street North, Fargo, ND 58102, for the purpose of evaluating costs and operating parameters on one new Telescoping Aerial Lift. Upon completion of the evaluation by the selection committee an order may be placed.

Proposals will be received until 2:00 PM on March 28th, 2022.

CITY OF FARGO RIGHTS

The City reserves the right to cancel this RFP in writing or postpone the date and time for submitting proposals at any time prior to the proposal due date. The City by this RFP does not promise to accept the lowest cost or any other proposal and specifically reserves the right to reject any or all proposals, to waive any formal proposal requirements, to investigate the qualifications and experience of any Proposer, to reject any provisions in any proposal, to modify RFP contents, to obtain new proposals, to negotiate the requested services and contract terms with any Proposer, or to proceed to do the work otherwise.

The City hereby notifies all proposers that it will affirmatively ensure that in regard to any contract entered into, pursuant to this request, minority business enterprises will be afforded full opportunity and are encouraged to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award. The City reserves the right to accept or reject any and all bids that is in the best interest of the City. All questions and inquiries will be addressed to:

Equipment Specifications:

Tanner Smedshammer
Fleet Purchasing Manager
Public Works
402 23rd St. N
Fargo, ND 58102

Tanner.Smedshammer@FargoND.gov
(701) 241-1460
(701) 298-6971

Department Operational Questions:

Allen Schumacher
Traffic & Lighting Operations Manager
Traffic & Lighting Shop

ASchumacher@FargoND.gov
(701) 241-1440

GENERAL SPECIFICATION

MODEL: Unit shall be a new current year model.

WARRANTY: Shall be stated in **writing** on the form provided.

DELIVERY: Proposer must perform a complete pre-delivery service prior to delivery of equipment. All units are F.O.B., Fargo Central Garage.

Proposer must state the number of days for delivery from time of order and a \$150.00 per day will be accessed against the purchase price with the total not to exceed 2.5% of purchase price.

MANUALS: One (1) complete service manual, digital or printed
One (1) complete parts manual, digital or printed
One (1) operator's manual
One (1) training video (if available)

TRAINING Upon delivery to end-user Proposer will provide instruction to operators on proper operation and daily maintenance.

BIDDER There shall be \$500,000.00 minimum of product Liability coverage by the manufacturer and minimum of \$500,000.00 liability coverage by the product installers to protect the City of Fargo. Certification shall be provided with proposal.

Preference may be given to Proposer who has a local dealer with a reasonable amount of parts inventory for the unit that has been proposed and a complete service facility. On new models or equipment not previously purchased by the City of Fargo, the selection committee may elect to have a demonstration of the models being considered.

Please provide drawing / documents of proposed Service Body Truck

Telescoping Aerial Lift Bidding Specifications

1.0 INTENT

It is the intent of this specification to provide for the purchase of one (1) new and unused Telescoping Aerial Lift Truck to be used by the Fargo Street Light Department.

The City of Fargo Street Light Department has evaluated different styles of Telescoping Aerial Lifts and has determined that this published specification is best suited for the FSLD needs in terms of quality and features. This specification shall not be interpreted as restrictive but rather as a measure of quality and performance against which all other Telescoping Aerial Lifts will be compared.

In comparing proposals, comparison will not be confined to price only. The successful proposer will be one whose product is judged as best serving the interests of the FSLD when price, product, quality and delivery are considered. The FSLD also reserves the right to reject any or all proposals or any part thereof, and to waive any minor technicalities. A contract will be awarded to the proposer submitting the lowest responsible proposal meeting the requirements.

2.0 EQUIVALENT PRODUCT

Proposals will be accepted for consideration on any make or model that is equal or superior to the Telescoping Aerial Lift specified. Decisions of equivalency will be at the sole interpretation of the FSLD. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. An original manufacturer's brochure of the proposed product is to be submitted with proposal.

3.0 INTERPRETATIONS

In order to be fair to all proposers, no oral interpretations will be given to any proposer, as to the meaning of the specification documents or any part thereof. Every request for such a consideration shall be made in writing. Based on such inquiry, the FSLD may choose to issue an addendum in accordance with local state laws.

4.0 GENERAL

The specification herein states the minimum requirements of the FSLD. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The FSLD will consider as irregular or non-responsive any and all proposals that are not prepared and submitted in accordance with the proposal document and specification, or any proposal lacking sufficient technical literature to enable the FSLD to make a reasonable determination of compliance to the specification. It shall be the proposer's responsibility to carefully examine each item of the specification. Failure to offer a completed proposal or failure to respond to each section of the technical specification (COMPLY: YES NO) will cause the proposal to be rejected without review as non-responsive. All variances, exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specification will be cause for rejection.

5.0 SPECIFICATIONS

1. General

Yes

No

- 1. Successful proposer will install equipment on a Ford F550 *or approved equivalent* _____
- 2. Aerial lift shall be articulating/telescoping design having a 2 person platform with a minimum platform height of **55 feet**. _____
- 3. Truck chassis shall meet all minimum requirements for the Aerial Lift with an additional 4,000 pound payload capacity. _____
- 4. Utility body shall be of fiberglass design. _____

2. Chassis

- 1. Extended Cab _____
- 2. Diesel Engine _____
- 3. 4 Wheel Drive _____
- 4. 84 CA _____
- 5. Trailer tow mirrors _____
- 6. Power windows, Power locks, A/C, Speed Control and Tilt Steering wheel _____
- 7. Engine block heater _____
- 8. Up fitter Switches on dash with circuit breakers _____
- 9. Auto Transmission with PTO provision _____

3. Safety

- 1. Aerial lift shall meet all OSHA and ANSI regulations in effect at the time of manufacture. _____
- 2. Fire extinguisher mounted in the forward curb side compartment. _____
- 3. Electric back up alarm along with camera _____

- | | Yes | No |
|---|------------|-----------|
| 4. Applicable test certification shall be provided upon delivery. | _____ | _____ |

4. Maintenance

- | | | |
|---|-------|-------|
| 1. All system components are easily accessible and suitable for maintenance and repair with common hand tools. Grease fittings shall be incorporated into banks that are accessible from the standing position on the ground floor or bed of utility box. | _____ | _____ |
| 2. Two complete repair manuals including maintenance procedures and maintenance schedules, repair procedures for major components and any and all subcomponents, troubleshooting information on the complete unit. | _____ | _____ |
| 3. One complete electrical wiring, hydraulic, and pneumatic diagrams or any other diagrams necessary for repair of the system. | _____ | _____ |
| 4. Successful proposer shall provide proper software to program and troubleshoot any computer-controlled component of the Aerial Lift if available. | _____ | _____ |

5. Hydraulic System

- | | | |
|---|-------|-------|
| 1. The <u>open center full pressure</u> hydraulic system operates at 2250 psi at 3 GPM. The pump draws oil through a 100 mesh suction strainer that is equipped with a bypass valve. A 10-micron return filter with shut-off valve is included. | _____ | _____ |
| 2. Hydraulic power provided by a transmission mounted PTO. | _____ | _____ |
| 3. Hydraulic system controls shall be electric over hydraulic only or air operated controls. | _____ | _____ |
| 4. The oil reservoir tank shall be mounted in the least obstructive location. | _____ | _____ |

	Yes	No
5. A 100 mesh suction strainer, 10 micron return filter and shut off valves are located inside the pedestal.	_____	_____
6. Unit shall have the ability to work at idle, preferred.	_____	_____
7. Hydraulic system shall have low-level warning indicators, both audible and visual.	_____	_____
8. The high pressure hoses routed through the booms are non-conductive hoses with swaged hose end fittings. Reusable hose fittings can be installed if a hose is damaged.	_____	_____
9. Cold weather climate hydraulic fluid shall be included.	_____	_____

6. Controls

1. The upper controls shall be mounted to the outside of the platform. A guard shall be included to prevent damage and inadvertent operation.	_____	_____
2. The lift functions are operated by fully feathering proportional joysticks with safety triggers.	_____	_____
3. An emergency palm stop button is provided at the upper controls.	_____	_____
4. The lower controls are mounted to the side of the turret, key controlled switch to select upper or lower controls with push button switches to control lift at reduced speeds.	_____	_____
5. Lift system shall have DC power back-up in the event engine will not run so lift can be retracted and stored on cradle.	_____	_____
6. Lift shall be able to be operated at both low or high idle.	_____	_____

7. Lift/Boom:

Yes

No

- | | | |
|--|-------|-------|
| 1. Fully unrestrictive articulated telescoping lift with a minimum working height of 55 feet . | _____ | _____ |
| 2. Lift shall have a self-leveling system for platform. | _____ | _____ |
| 3. Rotation is continuous and unrestricted in either direction. An electric and hydraulic collector assembly provides the path for hydraulic oil and electric signals from the pedestal to turret. | _____ | _____ |
| 4. Bucket level switch shall be proportional to prevent jerky movement. | _____ | _____ |
| 5. Lift sections shall not have to be disassembled to replace normal wear items such as slides. | _____ | _____ |
| 6. The lift support cradle must be able to secure the boom for transport. | _____ | _____ |
| 7. Hydraulically operated outrigger supports. | _____ | _____ |
| 8. Safety switches shall be installed so boom will not operate when outriggers are not deployed. | _____ | _____ |
| 9. The boom limit system is a monitoring system that provides a limit to the horizontal side reach and is integral to the control system. This limit is optimized to allow maximum outreach without overloading the structure or causing instability to the vehicle. | _____ | _____ |
| 10. The system monitors the boom extension and the angle of the boom relative to the ground. When the booms reach the maximum working range, the system prevents 1) the boom from lowering until the boom is retracted or 2) extending until the boom is raised. | _____ | _____ |
| 11. Pins are high strength alloy steel and chrome plated for a hard finish and corrosion resistance. Cylinder pins are held in place with <u>Torque Seal marked bolts</u> at one end and a pin cap bolted to the other end. | _____ | _____ |

8. Pedestal/Outriggers

Yes

No

- | | | |
|--|-------|-------|
| 1. The tubular pedestal includes access doors. | _____ | _____ |
| 2. H-Frame outriggers | _____ | _____ |
| 3. A full length tubing sub frame is provided to connect both sets of outriggers to the aerial pedestal. | _____ | _____ |
| 4. Provide four (4) Dica poly pads. | _____ | _____ |
| 5. Pads shall be supplied for the outriggers designated spots to secure them. | _____ | _____ |

9. Platform

- | | | |
|---|-------|-------|
| 1. The platform is 49" x 33" x 43" with a step through opening for easy access. Full opening access door if possible. | _____ | _____ |
| 2. The platform in the stowed position shall be accessible by steps on the body. | _____ | _____ |
| 3. Hydraulic rotator mounted below the platform allows for full 180 degree rotation. | _____ | _____ |
| 4. Platform base shall be Rhino lined solid floor with partial solid sides, so as to prevent anything from falling through or rolling off platform. | _____ | _____ |
| 5. Platform also shall be able to be entered from ground level. | _____ | _____ |
| 6. Platform shall have a removable winter enclosure. | _____ | _____ |

10. Fiberglass Service Body

- | | | |
|--|-------|-------|
| 1. Side packs constructed of molded, reinforced polyester resin. | _____ | _____ |
| 2. Reinforced doors for additional strength. | _____ | _____ |
| 3. Stainless steel recessed rotary slam latches (keyed alike). | _____ | _____ |

	Yes	No
4. Heavy duty automotive grade closed cell weather stripping.	_____	_____
5. Removable fender panels with reinforced F/G lips, to include two (2) wheel chock brackets on curbside.	_____	_____
6. Two (2) wheel chocks with teeth and handles.	_____	_____
7. Stainless steel fasteners throughout with self-locking nuts.	_____	_____
8. Matching color non-skid surface incorporated with compartment tops along with bed of service body. Rhino lined or equivalent	_____	_____
9. Plastic coated removable steel cable restraints on doors.	_____	_____
10. Over center spring props on all vertical doors.	_____	_____
11. Recessed LED shock mounted stop/tilt/turn and backup lights. Mounted in the tail shelf.	_____	_____
12. Recessed LED shock-mounted clearance lights.	_____	_____
13. A rectangular open top storage box shall be mounted on top of the right hand rear cabinets. It should have an expanded metal bottom and maximum 12" sides.	_____	_____
14. 3/16" aluminum floor with 3" kick panels along cargo walls.	_____	_____
15. Equipment compartments on both sides (4/Driver, 3/Passenger) with adjustable shelving in 4 compartment, 2 Hook compartments and one open compartment.	_____	_____
16. Class IV receiver hitch with Pollack 7-way connector 11-720P and safety chain hooks.	_____	_____
17. Four (4) aluminum outrigger pad holders 24" square to hold poly pads.	_____	_____

	Yes	No
18. Permanent bright gel coat – white to match chassis (Ford Oxford). All steel is metal etched, primed and painted.	_____	_____
19. Polished cast aluminum recessed fuel tank filler.	_____	_____
20. Rock guard protectors on front of body, front and rear mud flaps.	_____	_____
21. Fabricated 30” wide aluminum tail-shelf with incorporated LED arrow stick and 6” rear bed wall. Guards shall be around the outrigger and selector control handles.	_____	_____
22. A pole rack, consisting of a front and rear contact point shall be mounted above the left hand cabinets. The rack shall be taller than the cab but not interfere with the boom arm. Rack shall be vertically adjustable.	_____	_____
23. Rear upright traffic cone holder on drivers side	_____	_____

11. Lighting/Electrical

1. All lights shall be LED unless not provided by chassis manufacturer as an option.	_____	_____
2. All electrical wiring shall be weather/moisture proof connectors and butt splices shall be soldered and protected with 3M heat shrink and all wiring encased in a protective loom that is securely fastened.	_____	_____
3. Lighted and marked switches recessed in dash of the cab for all functions	_____	_____
4. Split LED arrow board facing rear of unit with controller in cab.	_____	_____
5. LED 3 rd brake light mini light bar mounted above cab	_____	_____
6. A 3000 Watt inverter shall be installed. Switched to a master on dash, mounted curb side compartment.	_____	_____

- | | Yes | No |
|---|------------|-----------|
| 7. 120v GFCI outlet receptacle at the boom platform with weather enclosure | _____ | _____ |
| 8. 75' retractable cord reel shall be mounted externally on the right rear of the body. | _____ | _____ |
| 9. Remote controlled spotlight mounted to the cab roof | _____ | _____ |
| 10. Three sided LED lighting in all cabinets | _____ | _____ |

12. Spare Parts to be Included

- | | | |
|--|-------|-------|
| 1. A complete set of filters for the lift. | _____ | _____ |
|--|-------|-------|

ADDITIONAL ITEMS NOT INCLUDED IN THE BASE BID PRICE (please identify those items below and include pricing).

Additional Items not Included in Base Bid Price	Cost of Items

Specifications and Operating Parameters

Max Height to Bottom of Platform

Min Height to Bottom of Platform

Max Platform Weight

Max Horizontal Reach at 300 lbs

Max Height at Max Horizontal Reach

Payload of Utility Box

Max Overall Length of Complete Unit

PROPOSAL FORM

2022 Aerial Lift Truck
City of Fargo – Division of Street Lighting

Company: _____

Chassis:

Make: _____

Model: _____

Aerial lift:

Make: _____

Model: _____

Total Equipment Amount:

\$ _____

Options:

2year extended full machine warranty

\$ _____

Auto Boom Lock

\$ _____

Delivery Date

Number of days for delivery from date of order: _____

By: _____
(Name) (Signature)

(Title) (Date)

(Phone) (Email)