



Request for Proposal

Telescoping Aerial Lift

December 14th, 2018

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 December 14th, 2018.

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 Management Specialist
Public Works
402 23rd St. N
Fargo, ND 58102

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

Department Operational Questions:

Scott Liudahl
City Forester
Forestry Department
402 23rd St. N
Fargo, ND 58102

SLiudahl@FargoND.gov
(701) 241-1466

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
Two (2) operator's manuals
One (1) training video (if available)

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

One day of training on the operation and repair procedures to be provided by a Factory Qualified representative to the operators and repair technicians. Onsite training at the City of Fargo Central Garage should be scheduled at time of order.

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.

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 to be used by the Fargo Forestry Department.

The City of Fargo Forestry Department has evaluated different styles of Telescoping Aerial Lifts and has determined that this published specification is best suited for the FFD 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 FFD when price, product, quality and delivery are considered. The FFD 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 FFD. 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 FFD may choose to issue an addendum in accordance with local state laws.

4.0 GENERAL

The specification herein states the minimum requirements of the FFD. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The FFD 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 FFD 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

- | | <u>YES</u> | <u>NO</u> |
|--|-------------------|------------------|
| 1. Successful proposer will install equipment on a Ford F550 (or Approved Equivalent). | _____ | _____ |
| 2. Aerial lift shall be articulating/telescoping design having one-person platform with a minimum working height of 42 feet. | _____ | _____ |
| 3. Insulated non-material handling lift. | _____ | _____ |
| 4. Truck chassis shall meet all minimum requirements for the Aerial Lift with an additional 4,000-pound payload capacity. | _____ | _____ |
| 5. Utility body shall be of steel design. | _____ | _____ |

2. Chassis

- | | | |
|--|-------|-------|
| 1. Regular 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. | _____ | _____ |
| 10. Cab guard built out of 2" x 2" square tubing, 3/16" thick with reinforcing stringers. The top of cab guard to extend from truck front bumper to past back of cab approximately 6". Top of cab guard to be aluminum safety tread from 6" behind cab to vents at bottom of windshield. Expanded metal to be used from vents, if applicable, at bottom of windshield to front bumper. Run expanded metal from top of cab guard down to bottom of rear window, leaving approximately 6" between back of cab and guard. All steel primed and painted black. | _____ | _____ |

3. Safety

- | | <u>YES</u> | <u>NO</u> |
|---|-------------------|------------------|
| 1. Aerial lift shall meet all OSHA and ANSI A92.2 regulations in effect at the time of manufacture. Dielectric rating of unit shall be rated as Category C. | _____ | _____ |
| 2. Fire extinguisher mounted in the forward curbside compartment. | _____ | _____ |
| 3. Electric back up alarm. | _____ | _____ |
| 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. Successful proposer shall provide a complete set of filters for the lift. | _____ | _____ |

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. | _____ | _____ |

	<u>YES</u>	<u>NO</u>
3. Hydraulic system controls shall be fully hydraulic	_____	_____
4. The oil reservoir tank shall be mounted in the least obstructive location, with sight glass easily visible.	_____	_____
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 preferred.	_____	_____
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 upper control shall be a single, non-twisting stick providing six directions with one hand. Power lock and automatic purging.	_____	_____
3. An emergency palm stop button is provided at the upper controls.	_____	_____
4. The lower controls are mounted to the side of the turret, toggle 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 low or ramp up to the speed the lift operates at.	_____	_____

7. Lift/Boom:

YES

NO

1. Fully unrestrictive articulated telescoping insulated lift with a minimum working height of 42 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. Outrigger supports shall be hydraulically operated. _____
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 Torque Seal marked bolts at one end and a pin cap bolted to the other end. _____
12. Lower boom constructed of fabricated reinforced steel with a compression molded, fiberglass high-density insert with a clear insulation gap complying with industry standards. _____

- | | <u>YES</u> | <u>NO</u> |
|--|-------------------|------------------|
| 13. Upper boom constructed of fabricated molded, high-density fiberglass and clear insulation gap complying with industry standards. | _____ | _____ |
| 14. Boom hold down clamp. | _____ | _____ |
| 15. Ringbolt for lanyard attachment mounted on upper boom. | _____ | _____ |
| 16. Upper and lower booms have lift cylinders. | _____ | _____ |

8. Pedestal

- | | | |
|--|-------|-------|
| 1. The tubular pedestal includes access doors. | _____ | _____ |
| 2. Front and rear H-frame outriggers with pivot feet, pilot operated check valves and a selector valve. Outriggers provide 125 ¾” of spread and a maximum of 9” of penetration with 17” of ground clearance. | _____ | _____ |
| 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. Four (4) aluminum outrigger pad holders 24” square to hold poly pads. | _____ | _____ |

9. Platform

- | | | |
|---|-------|-------|
| 1. The platform shall be intended for a single individual, dimensions approximately 24” x 30” x 42”. | _____ | _____ |
| 2. The platform in the stowed position shall be accessible by steps on the body curbside between compartments. | _____ | _____ |
| 3. Hydraulic rotator mounted below the platform allows for full 180-degree rotation. | _____ | _____ |
| 4. Platform shall be single, one-man fiberglass basket, 350 lbs. capacity, with step for entry and exit. 1” thick bucket floor mat should fit snug. | _____ | _____ |
| 5. Platform also shall be able to be entered from ground level. | _____ | _____ |
| 6. Hydraulic platform tilt for operator rescue or platform clean-out. | _____ | _____ |

10. Galvanneal Steel Service Body

YES

NO

1. Service body dimensions shall be 132 inches long x 42 inches high x 94 inches wide. _____
2. Equipment compartments on both sides. (4/Driver, 3/Passenger) _____
3. Compartment height of 42 inches. _____
4. Compartment depth of 20 inches. _____
5. Load space width of 54 inches. _____
6. Top of body/compartment to the top of the floor of 24 inches. _____
7. Stainless steel recessed rotary slam latches (keyed alike). _____
8. Heavy duty automotive grade closed cell weather stripping. _____
9. Two (2) wheel chock brackets on curbside. _____
10. Two (2) wheel chocks with teeth and handles. _____
11. Stainless steel fasteners throughout with self-locking nuts. _____
12. Matching color non-skid surface incorporated with compartment tops. _____
13. Plastic coated removable steel cable restraints on doors. _____
14. Over center spring props on all vertical doors. _____
15. Recessed LED shock mounted stop/tilt/turn and backup lights. Mounted in the tail shelf. _____
16. Recessed LED shock-mounted clearance lights. _____
17. 3/16" aluminum floor with 3" kick panels along cargo walls. _____
18. Fabricated a 30" wide aluminum tail-shelf with guards around the outrigger and selector control handles. _____
19. White to match chassis (Ford Oxford). All steel is metal etched, primed and painted. _____

	<u>YES</u>	<u>NO</u>
20. Poly recessed fuel tank filler.	_____	_____
21. Rock guard protectors on front of body, front and rear mud flaps.	_____	_____
22. Upright Cone holder. – Locate at Pre Paint	_____	_____

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 resistance connectors and butt splices shall be soldered and protected with 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. Recessed LED arrow board in tail shelf with controller in cab.	_____	_____
5. LED mini light bar mounted below cab/hood guard	_____	_____
6. A 3000-Watt inverter shall be installed. Switched to a master on dash, mounted curbside compartment.	_____	_____
7. One AC outlet in the cab, one more in a curbside compartment for chainsaw battery charging.	_____	_____
8. Four LED strobe lights, two facing forward and two in tail shelf to face the rear.	_____	_____
9. All lighting to conform to FMVSS regulations utilizing LED rubber grommet mounting.	_____	_____
10. Remote controlled spotlight mounted to the cab hood.	_____	_____
11. All compartments to have 3 sided rope lighting.	_____	_____
12. Electrical leakage monitoring system.	_____	_____

Warranty

Chassis Base Manufacture:

Aerial lift Base Manufacture:

Hydraulics:

Other Warranties that apply:

Price

Chassis Make: _____ Model: _____

Aerial Lift Make: _____ Model: _____

Chassis Price: \$ _____

Aerial Lift Price: \$ _____

Total Equipment Proposal: \$ _____

Options

2 year extended full machine warranty \$ _____

Auto Boom lock (replaces clamp 7.14) \$ _____

Delivery Date

Number of days for delivery from date of order: _____

Company: _____

By: _____
(Name)

(Title) (Date)