

## Town of Wolfeboro Municipal Electric Department Invitation to Bid

The Town of Wolfeboro Municipal Electric Department will be accepting sealed bids for the purchase of a **55 Foot Articulating Material Handling Aerial Bucket Unit and Service Body** with specified equipment and accessories to be delivered in *ready-to-use* condition.

### Instructions To Bidders:

- The Town of Wolfeboro Municipal Electric Department intends to purchase a unit which meets the specifications provided, however; if it is necessary to bid alternate equipment or to take exception to the specifications stated: *detailed explanations or descriptions of substitutions and/or deviations must be noted in the bid response indicating the item number of that specification. This is required in each and every instance where the Wolfeboro Municipal Electric Department specification is not met.* If no exception details are indicated, it will be assumed that the bidder will furnish the item exactly as specified.
- Bid option (No. 1) will provide for the inclusion of pricing for the **Truck Chassis and Cab** as specified within sections (6.00-6.52) *Note that the Town of Wolfeboro Municipal Electric Department reserves the right to purchase the Truck Chassis and Cab independently of this bid agreement and this is to be considered as an option only.*
- The Town of Wolfeboro Municipal Electric Department intends to trade or sell a 2014 International 4300 series chassis/cab with a Telelect HRX52, Bucket / Material Handler (ME-3). Trade will be considered in "as is" condition and the value of trade allowance will be listed separately on bid sheet (to be deducted from new unit pricing cost). Arrangements for the viewing of ME-3 trade-in can be scheduled by contacts listed below. *Note: The Town of Wolfeboro Municipal Electric Department reserves the right to reject any trade-in allowance offers which are not deemed to be in the best interest of the Town.*
- Prospective bidders must complete the attached **itemized bid form, specification compliance sheet** and a **signed anti-collusion clause** completed by an authorized representative of the bidding company.
- All bids must be submitted in an envelope plainly marked "**Bucket Truck.**" The sealed envelope shall be addressed as follows:

Town of Wolfeboro  
Attention: Finance Department  
84 South Main St., PO Box 629  
Wolfeboro, NH 03894-0629

- **Bids must be received no later than Thursday, May 2<sup>nd</sup> 2024 at 2:00 PM** at which time they will be publicly opened and read aloud. Any bids received after that time will not be considered.

Please feel free to contact the Municipal Electric Department at (603) 569-6975 or [bids@wolfeboronh.us](mailto:bids@wolfeboronh.us) for a detailed set of specifications, and/or any further questions regarding this bid package.

*The Town of Wolfeboro Municipal Electric Department reserves the right to reject any or all bids without explanation, to waive technicalities and informalities and to re-advertise for new bids for whatever reason deemed to be in the best interest of the Town of Wolfeboro. Bids which fail to meet the requirements or which are incomplete, conditional or obscure, or which contain additions not called for, erasures, alterations or irregularities of any kind including evidence of collusion, or in which errors occur or which contain abnormally high or abnormally low prices may be rejected as informal.*

**Town of Wolfeboro Municipal Electric Department Bid Form**

- 55 Foot Articulating Material Handling Aerial Bucket Truck with Service Body (Per Attached Specifications). \$ \_\_\_\_\_
  
- Deduct trade-in allowance – 2014 International 4300 Series chassis/cab with a Telelect HRX52 Bucket/Material Handler (ME-3). - \$ \_\_\_\_\_  
(Acceptance Optional)
  
- **Net Base Bid Amount** \$ \_\_\_\_\_

*Note: All other bucket/body options and accessories requested should be priced separately within the bid specification compliance sheet.*

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- Bid Option No 1. (Provide Additional Cost)  
2025 International MV Series Truck Cab/Chassis  
(Per Attached Specifications). \$ \_\_\_\_\_

*Note: All other chassis/cab options requested should be priced separately within the bid specification compliance sheet.*

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**“Anti-Collusion Clause”**

The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair, and made without collusion or fraud with any other person. As used in this section the word “Person” means any natural person, joint venture, partnership, corporation, or other business or legal entity.

Signature: \_\_\_\_\_

Print Name/Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date: \_\_\_\_\_

## Wolfeboro Municipal Electric Department Material Handler / Bucket Truck Specifications

**Note :** Alternate equipment and/or options which are other than specified shall be noted and provided with back-up material denoting comparative similarities and/or differences for evaluation of compliance and/or acceptance.

	HYDRAULIC AERIAL BUCKET AND EQUIPMENT	COMPLY	
		YES	NO
1.00	The Material Handling Aerial Unit shall be mounted over the rear axle. Ground to the bottom of the bucket to be fifty-five (55) feet in height resulting in a working height of sixty (60) feet.		
1.01	Stored travel height of bucket to be no more than <b>(11 feet-10 inches)</b> <i>To be labeled within cab.</i>		
1.02	The Unit to be of Boom over Boom (stacked) design		
1.03	Minimum non-over center side reach - 42 feet		
1.04	Minimum lower boom articulation - 116 degrees		
1.05	Minimum upper boom articulation - 190 degrees		
1.06	Rotation: Continuous - 360 degrees		
1.07	Lower Boom - fiberglass insert certified for 46kV, minimum of 18" of clear insulation (gel coat white).		
1.08	Upper boom - fiberglass, minimum of 144" of clear insulation (gel coat white). Bucket must be capable of achieving ground level at overcenter position.		
1.09	Lower Boom Support to be mounted between cab and body, mounted to chassis frame.		
1.10	Shock-absorbing bucket rest to be at the top of rear cabinets, reinforce as needed.		
1.11	Two (2) sets (4) Outriggers with full pressure Integral Holding Valves and Individual Control Levers (location specified in 1.15).		
1.12	Outrigger Boom Interlock; all four (4) outriggers must be extended before boom can get hydraulics. Each outrigger must have a roller switch enclosed within a steel housing for protection on the outside of the outrigger leg. Provide over-ride/bypass control for maintenance and service purposes.		
1.13	Front and Rear Outriggers to be full "X" Frame type and not to interfere with body load area. All four (4) outriggers to have pivot feet.		
1.14	Front Outriggers to be mounted between the cab and body and mounted to a heavy-duty sub-frame 6"x 6" x 5/16" wall steel tubing with 5/16" top and bottom plates approximately 102" long. Minimum foot size: 12"x 12" x 3/4".		
1.15	Outrigger control valves mounted on the top of rear deck with a protective cover. Control levers positioned so operator can easily view outrigger deployment. Provide motion Outrigger Alarm (See section 4.17)		
1.16	Single fiberglass bucket with 400 lb. minimum capacity with dimensions of 24" x 30" x 42" mounted curbside with removable 70kV rated liner. Provide a safety belt lanyard and "D"ring attachment at the basket. Bucket shall <b>not</b> have integrated step within.		
1.17	Provide flexible weatherproof cover for basket and controls.		

		COMPLY	
		YES	NO
2.00	Hydraulic System to be Full Pressure, Open Center.		
2.01	Bucket Controls: Single stick design PTE control with safety interlock (non-conductive to 30kV), all controls shall rotate with the basket. Hydraulic jib tilt, winch, bucket rotation and tool circuit. All top controls must be made of non-conductive materials.		
2.02	Separate Emergency Hydraulic Dump Control located adjacent to and independent of bucket controls; dumps all hydraulic bucket and accessory (winch, jib, etc.) functions.		
2.03	Hydraulic rotation control on bucket with minimum forward rotation of 115 degrees.		
2.04	All steel located at boom tip to be covered with fiberglass or plastic.		
2.05	Hydraulic tilt of bucket for cleanout and personnel rescue with controls located at upper and lower controls. Upper control handle must be yellow and have an interlock to prevent inadvertent operation.		
2.06	Dedicated dual tool circuit at Bucket with adjustable pressure regulator and adjustable flow control, furnished at the basket with Parker FF-372-8FP and FF-371-8FP dripless fittings with dust caps and plug. Tool circuit pressure to be set at 2,000 PSI.		
2.07	Telescopic Fiberglass Insulated Jib, 9 ft minimum length, 7 ft minimum extension with five (5) adjustment pins at 1ft increments. Hydraulically controlled extension/retraction and articulation of jib with ability to be re-pinned under load; all from within basket. <i>Wear pads to be provided inside of jib collar</i> . Minimum range of articulation motion to be (125 degrees) without repinning. Jib to be of one piece construction with rectangular cross section for ease of extension and retraction and mounted on the street-side of upper boom. Provided with compact double sheaves at end of jib.		
2.08	Jib Winch - Hydraulic worm gear winch drive, self locking in both directions, 2,000 lb. capacity full drum with 75 ft of 1/2 inch Yale Cordage, Double Esterlon line with swivel hook. Controls located at bucket and lower controls.		
2.09	Minimum Lifting Capacities; <b><i>in addition to 400 lbs. in basket: Note actual if different than specification.</i></b>		<b>Actual</b>
position/capacities	1,100 lbs. In the rest, with upper boom at zero degrees and lower boom at zero degrees with jib extended two (2) feet horizontally.		lbs.
	1,500 lbs. With the upper boom at thirty degrees and the lower boom at zero degrees with jib extended two (2) feet horizontally.		lbs.
	1,500 lbs. With the upper boom at thirty degrees and the lower boom at maximum articulation with jib extended two (2) feet horizontally.		lbs.
	1,500 lbs. With the upper boom at sixty degrees and the lower boom at maximum articulation with jib extended two (2) feet horizontally.		lbs.
2.10	Capacities are not to be reduced based on lower boom angle.		
2.11	No required distance between upper and lower booms to obtain rated capacities.		
2.12	Capacities based on 400 lbs. in basket, including tool outlets, basket rotator, hydraulic articulation and extendable jib.		
2.13	Load chart to read 925 lb. capacity with jib extended four ft. in any non-overcenter upper boom position.		

HYDRAULIC AERIAL BUCKET AND EQUIPMENT (continued)		COMPLY	
		YES	NO
2.14	Unit to be equipped with load chart at upper boom to indicate actual lifting capacity of the unit considering all positioning options. Capacities considering upper boom angle and jib extension must be on the same load chart. <b><i>(Please provide with bid package).</i></b>		
2.15	Selector valve to choose outrigger or boom controls to be located at the rear of the body and mounted next to the curbside outrigger control.		
2.16	Lower controls with guard to be mounted on the turret (curbside) with all boom functions including separate selector valve to override upper controls, winch, bypass and emergency bucket dump.		
2.17	Hydraulic tank capacity to be minimum of 35 gallons, filled with Terrasolve biodegradable hydraulic oil, with strainer, top mounted, full-flow 10 micron filter in return, dip-stick and shut-off valve in supply line. To be mounted at the pedestal.		
2.18	Vickers Vane Hydraulic Pump mounted directly to power take-off. Pump to have a 7/8"-13 spline shaft.		
2.19	Heavy-duty Muncie power take-off with Muncie PTO extension.		
Line Body		COMPLY	
		YES	NO
3.00	Dakota "Northlander Package" Stainless Steel Body Cabinets.		
3.01	Body Size: 160" Long x 96" Wide		
3.02	Minimum Center Floor Space: 60" Wide		
3.03	Body to be completely primed with etching primer and painted inside and outside, as well as inside cabinets and steel sections of booms, with DuPont's Imron paint in "Wheatland Yellow" or Wolfeboro MED accepted color match. Contrasting reflective tape (4"stripe) to be affixed to both sides of chassis cab and line body <b>(color to be designated by Wolfeboro MED)</b> .		
3.04	Floor: 3/16" Four-Way Diamond Safety Floor Plate, thru-welded to 6" #8 structural steel crossmembers, spaced at approximately 15".		
3.05	Front and Rear Crossmembers to extend through to outside edge of cabinets to relieve tension at front and rear cabinets.		
3.06	Line Body Floor and tail shelf to be completely painted with Black Ferrox protective non-skid paint.		
3.07	Rustproofing to be applied under entire body and inside doors with "Anchor Tuflex", R.P.785		
3.08	Red and White Reflective tape on rear channel of tailshelf.		
3.09	Rolled steel edges on fender well section. Fender wells to be full width (14 ga. minimum) bolted in for easy access with stainless steel bolts and spaced as far as possible from lower edge of cabinets.		
3.10	Outside edge of rear wheel wells to be equipped with protective rubber flares above openings.		
3.11	Mount four (4) Aluma Chock block holders recessed in rear body wheel wells, two (2) each side front and rear of wheels, include four (4) Sauber #8500 Wheel Chocks. Paint and rustproofing under holders.		
3.12	Channel Guides at the rear of body to accomodate tailboard- 6" high consisting of 2" thick composite type dimensional lumber.		

		COMPLY	
		YES	NO
	<b>Line Body Cabinets / Material Storage 3.13-3.25</b>		
3.13	Measurement: Top of Floor to Top of Cabinets: 28".		
3.14	All side Cabinets to be 18" deep and 48" high (unless other specified) four compartment type on each side and configured below in sections 3.18 - 3.26.		
3.15	All Cabinet Doors to be weatherproof with automotive weather-stripping full access and recessed stainless steel paddle style handles and automotive style rotary stainless steel door locks (all keyed alike). Prepaint and silicon seal prior to mounting handles and locks (install with rivots <b>no</b> spotwelds). All doors and covers shall have stainless steel pin and socket hinges.		
3.16	All Doors to be equipped with double spring loaded door holders for tension in both directions.		
3.17	All Shelf dividers to have radiused front edges and rolled top edges for safety.		
3.18	All Cabinet Material hooks to be made of 1/2" rod with 4" circumference sweeps unless otherwise noted.		
<b>Note:</b>	<b>Cabinets are listed alphabetically from(A-E) front to rear,curbside (right) and roadside (left).</b>		
3.19	Curbside Vertical Door Cabinet (A) 25" wide with eight (8) swivel material hooks configured (2-4-2). The base height of hooks to be located six (6) inches down from the top of cabinet.		
3.20	Curbside Vertical Door Cabinet (B) 24" wide with Drawer shelf unit with fixed shelf above and six (6) material drawers , 14" deep x 17" wide x 4" high. "Grip n' Glide", slide and latch). Two (2) adjustable dividers (-) adjusts front to back in each of the top four (4) drawers. Two (2) adjustable dividers in each of the two (2) bottom drawers (+) adjusts front to back and side to side of drawer.		
3.21	Rubber Blanket Box- 49" wide x 46" high x 12" deep mounted on the inside of curbside compartments A&B. Box equipped with hinged full size cover at top (shared with material box below), with gas props, louver vents each side with adequate drainage located at bottom of box. Equipped with six (6) 3" pins adjustable for size of blankets; three (3) on the front and three (3) on the back. Box to be lined with 1/4" exterior grade plywood.		
3.22	Material Box - 49" wide x 18" deep x 18" high, mounted on top of curbside cabinets A&B. Box equipped with hinged cover at top (shared with blanket box above) with gas props. Box to be lined with 1/4" exterior grade plywood.		
3.23	Curbside Access Way (C) approximately 24" wide with two (2) grip strut steps and one (1) grab handle. Lower step approximately 4" below body or 20" above ground, second step to divide remaining distance to the body floor height approximately 13" up.		
3.24	Curbside Horizontal Cabinet (D) 55" wide x 20" high with one (1) horizontally hinged (3) drop-down door. A two (2) drawer shelf unit with five (5) 8-1/2" material drawers in upper position and four (4) 11-1/2" material drawers in lower position. All drawers to be 3" in height with friction slide and adjustable dividers. Bottom of cabinet to have 6" adjustable dividers.		
3.25	Curbside Vertical (E) 32" wide, single door, equipped with nine (9) swivel material hooks configured (2-5-2) with open ends to be located 6" below top of cabinet and two (2) swivel material hooks located 26" below top of cabinet mounted at the rear. Provide cutout for outrigger in the bottom of this cabinet.		

Line Body Cabinets / Material Storage 3.26-3.36 (continued)		COMPLY	
		YES	NO
3.26	Rubber Goods Box 18" wide, 87" long, 16" high, mounted on top of curbside compartments D & E. Equipped with one 48" long top opening door and one drop-down door at the rear. Top of box to be covered with grip strut.		
3.27	Roadside Vertical (A) 25" wide with a single door. Equipped with three (3) adjustable material shelves with 2" lip and adjustable dividers (4 each shelf). Shelves to be adjustable top to bottom in 10" increments.		
3.28	Roadside Vertical (B) 24" wide with a single door. Equipped with three (3) adjustable material shelves with 2" lip and adjustable dividers (4 each shelf). Shelves to be adjustable top to bottom in 10" increments.		
3.29	Roadside Vertical (C) 24" wide with a single door. Equipped with three (3) adjustable material shelves with 2" lip and adjustable dividers (4 each shelf). Shelves to be adjustable top to bottom in 10" increments.		
3.30	Roadside Horizontal (D) 55" wide x 20" high with one (1) horizontally hinged (3) drop-down door. Equipped with one (1) material shelf mounted midway and equipped with 2" front lip and eight (8) adjustable material dividers 4" in height. Lower section of this cabinet to be divided into twelve (12) fixed material compartments 4" in depth with dimensions as follows: First row: (4"x 19"), (4" x 24"), (4"x 12") Second row: (4"x 17"), (4"x 26"),(4"x 12") Third row: (4"x 15"), (4"x 28"), (4"x 12") Fourth row: (4"x 13"), (4"x 30"), (4"x 12").		
3.31	Curbside Vertical (E) 32" wide, single door, equipped with nine (9) swivel material hooks configured (2-5-2) with open ends to be located 6" below top of cabinet and two (2) swivel material hooks located 26" below top of cabinet mounted at the rear. Provide cutout for outrigger in the bottom of this cabinet.		
3.32	Roadside Thru-Shelf full body length (160") located 9" down from within the top of body cabinets with side accessibility from such, equipped with rear drop-down door with locking handle. Bottom to be lined with corrugated plastic.		
3.33	Roadside Ladder Trough 154" long x 21" wide with 2" roller at the rear, mounted on top of roadside cabinets with two (2) rubber hold down straps. Bottom and sides of trough to be lined with nylon strips at ladder rail contact locations.		
3.34	Roadside Rubber Goods Box Steel 18" wide, 60" long 12" high. Box equipped with hinged top over edge cover with gas props as required, mounted over ladder trough. Provide minimum of 8" clearance between bottom of ladder trough and bottom of box. Mounted towards front of body and lined with 1/4" exterior grade plywood.		
3.35	Roadside Expanded Steel Box over ladder trough at the rear 48" x 18" x 8" mounted 6" back from the Rubber Goods Box.		
3.36	Personal Goods Boxes - aluminum diamond plate boxes mounted on the front of body, one (1) each side, 24" high x 14" wide x 15" deep. Vertically hung doors, hinged front with rotary latches, door holders and door gaskets. Boxes shall be bolted on.		



Line Body Cabinets / Material Storage 3.37- 3.52 (continued)		COMPLY	
		YES	NO
3.37	Rear Body Platform Extension- <b>to be a dropped tail shelf located 6" lower than body floor.</b> To be the full width of body x 28" deep with 6" channel iron on the back and fully seam welded 3/16" Four Way Diamond Safety Floor Plate surface. The height of the top of platform to ground to be approximately 41". To include a weather (watertight) through compartment with weatherstripped doors opening to to both sides (hinged at the bottom). Provide cutouts to allow for protected hydraulic hose passage for outrigger controls that will be mounted on top of tail shelf.		
3.38	Provide sub-frame storage 24" wide x 100" deep x 6" high with a drop down door at the rear with a slide out access rake (located above the dropped-shelf body extension platform).		
3.39	Provide steel chainsaw storage box 14" wide x 36" long x 16" deep with locking hinged treadplate top, grab type pull handle and lined with 1/4" pressure treated plywood. <b>Permanently affixed location to be determined at Pre-paint.</b>		
3.40	Provide "Wilton" Combination Vise (Wilton stock # 28826) to be mounted on dropped-shelf body extension platform. <b>Locate at Pre-Paint.</b>		
3.41	Two (2) Outrigger pad holders 26"x 26"x 6" made with expanded metal one (1) mounted under cabinet (B) on the curbside and one (1) under cabinet (C) on the roadside. Provide Four (4) DICA 24" x 24" x 2" (product # D2424-2) outrigger pads.		
3.42	Two (2) Dock bumpers mounted on the rear of chassis frame.		
3.43	Reinforce the rear end of chassis; supply and install "Wallace Forge" # 2043100 pintle hook. Approximate height: 24" from the ground.		
3.44	Provide two (2) heavy-duty loops at rear for trailer-tow safety chains, one (1) mounted on each side of pintle hook.		
3.45	Provide 10lb. Fire extinguisher with weather-protective vinyl cover and mounting bracket. <b>Locate at Pre-Paint.</b>		
3.46	Rope Rail - 60" long with six (6) sliding type material hooks with 24" of chain-mounted inside of body on the roadside, towards the front of body and above the ladder trough floor level. <b>Locate at Pre-Paint.</b>		
3.47	Rope Rail - 24" long with three (3) sliding type material hooks with 24" of chain-mounted inside front or lower boom rest. <b>Locate at Pre-Paint.</b>		
3.48	Rear Mudflaps to be mounted on chains.		
3.49	"Men Working" sign base holders mounted under body of curb and roadsides. Two (2) compartments with chains each to hold four (4) sign stands.		
3.50	Install Two (2) 6" PVC tubes, 80" long with fixed cap on road-side and drop-down door (Blaylock Aluminum Cast) on the curb-side. Mounted at front of body. <b>Location to be determined at Pre-Paint.</b>		
3.51	Install Two (2) "Grip-Strut" cable suspended steps eighteen (18") inches wide (centered on cable) located at the rear of body, seventeen (17") inches below floor. Mount steps from the platform extension at the outside edge of body with socket type mounting brackets. Install two (2) pool style grab handles constructed of a minimum 1/2" diameter steel roundbar, one (1) on each side of the rear body, aligned with and accessible for use with rear cable steps.		
3.52	Install wire brackets at the rear of body with a (2 1/2") bar and two (2) adjustable collars that will hold a (50") diameter wire reel with locking pins.		

Line Body Cabinets / Material Storage 3.53- 3.58 (continued)		COMPLY	
		YES	NO
3.53	Install horizontal wire bracket constructed of (1 1/2") roundbar and two (2) adjustable collars that will hold multiple (12") diameter wire reels located above rear outrigger assembly and equipped with locking pins.		
3.54	Install Two (2) - Folding type safety cone holders on front bumper.		
3.55	Install Two (2) or Three (3) as needed - Grip-strut steps on <b>inside</b> of body and access handles for access to bucket. <b>Locate at Pre-Paint.</b>		
3.56	Install Three (3) - Wire holders (1" pipe, 6" long) with locking pins. <b>Verify requirement and location at Pre-Paint prior to installation.</b>		
3.57	Install Four (4) - Washer pins/bolts. <b>Locate at Pre-Paint.</b>		
3.58	Install Four (4) - Hansen 10-40 Tie-Down anchor points. <b>Locate at Pre-Paint.</b>		

Electrical Equipment / Lighting		COMPLY	
		YES	NO
<b>Note:</b>	<i>All lights and wiring to be "TruckLite" LED brand unless noted otherwise. Use "Trucklite" sealed wiring harness. All electrical connections to be weatherproof and watertight sealed with heat shrink covering.</i>		
4.00	All accessory electrical needs for aerial unit and line body are to be served from a load center with over-current protection and circuitry located under the cab. "International" Remote Power Module to be supplied by chassis manufacturer including one switch pack with six (6) latched switches located within the instrument panel rated at 20 amps each (maximum of 80 amp total output). Switches to be utilized for all warning lights, work lights and PTO.		
4.01	All additionally required accessory electrical fuses and relays shall be mounted between bucket seats.		
4.02	Wiring harness is to be sealed and protected where entry through the body or frame is necessary. Individual electrical functions are to have their own switches for control and grouped in a single location for easy access by the vehicle operator. <b>All switches to be designated with permanent placards depicting equipment in which it operates.</b>		
4.03	All wiring and devices shall be rated for continuous use without overheating.		
4.04	Riding lights, signal lights and reflectors shall meet F.M.V.S.S.108. Not to reflect in the mirror. "Truck-Lite" LED SST and marker lights. Body marker lights to be installed with stainless steel screws unless otherwise noted.		
4.05	LED "strip style lighting" to be installed within all side cabinets and boxes with switch and indicator light located on dash control panel inside cab (wired to manufacturers specifications).		
4.06	Cargo Lights - (# 40244) LED bulbs, rubber grommet, recessed to illuminate body floor: Two (2) mounted 24" in from the rear of body, two (2) mounted on the back of each cabinet (B), and one (1) mounted on the right side of access way. Install two (2) recessed waterproof toggle switches to activate cargo lights. Both switches should be accessible from the ground level. Locate one (1) in the access way and the other at the right rear of body on the rear compartment.		

		COMPLY	
		YES	NO
<b>Electrical Equipment / Lighting (continued)</b>			
4.07	Beacon lights (front) - Two (2) "WHELEN Century Series #MC16PA" amber colored mini light bars, mounted off the boom rest for unobstructed view to approaching traffic; one (1) on the left side and one (1) on the right side with switch and indicator light on dash control panel.		
4.08	Two (2) #91243A LED Amber alternating flashers, one (1) mounted on each side of rear cabinets.		
4.09	Four (4) Sealed Beam "Betts" LED Work Lights located under the body at each outrigger location, wired into backup light switch with additional recessed waterproof toggle switch located at rear tailshelf extension for work area lighting.		
4.10	Two (2) "Whelen Pioneer Floodlights MPPBBS " with swivel base for vertical and horizontal pivot (include guard) mounted on boom support (inside beacon lights). Provide two (2) 12 volt switched receptacle outlets within waterproof outside boxes located at front curbside and rear curbside, switched from within cab. <b>Locate lights and switches at Pre-Paint.</b>		
4.11	Stop, Tail & Directional Lights - LED #44351R (40700 Grommet). Two (2) recessed in rear of side compartments, two (2) recessed in rear channel of platform extension and tied into truck system.		
4.12	Back-up Lights - LED #44347C (40700 Grommet). Two (2) recessed in rear side compartments, two (2) recessed in rear channel of platform extension and tied into truck system.		
4.13	Two (2) work lights "Betts" LED flood # 325503 with #920078 (3) amp toggle switch. Mounted on the back of both left rear and right rear compartments to light tailshelf extension and work area.		
4.14	Two (2) GoLight GT LED spotlights with wireless handheld and wireless dash remote, one (1) to be mounted on each side of hood. Locate at Pre-Paint.		
4.15	Trailer Plug - "Cole-Hersee" 7 terminal socket mounted at the rear.		
4.16	Back-up Alarm - Install Preco "LDA-50"		
4.17	Outrigger Motion/Down Alarm with a switch at each control valve and "Preco Alarm # 1059".		
4.18	License Plate Bracket and Light # 15205 LED to be mounted at left rear under body tailshelf extension.		
4.19	PTO- Air or electric shift switch with engaged indicator light on the dash. Transmission/PTO interlock with neutral and parking brake set required.		
4.20	Throttle Control -Two (2) Speed and Insulated Engine Start/Stop to be located at the bucket controls, lower controls and <b>each</b> outrigger control on <b>both</b> rear sides.		
4.21	Emergency Lowering System - (12 volt) to be operated from three (3) locations: upper controls in bucket, lower controls, & right rear of body. Must be able to control all boom functions and outriggers. Must be fused.		

### **Special Requirements**

		COMPLY	
		YES	NO
<b>Manuals</b>			
A.	Provide Two (2) Operators and Maintenance/Service Manuals. Provide Two (2) Parts Manuals.		

Provide In Writing-Completed Equipment Registration Form			
B.	The successful bidder must provide at time of delivery of finished assembled unit.		

Brochures and Literature			
C.	Proposal must be accompanied by descriptive literature (marked), indicating the exact items to be furnished. The term "as specified" will not be acceptable.		
D.	Provide original and one (1) copy of all manufacturer's literature for supplied tools and accessories.		

Provide In Writing Test Certification			
E.	Stability test per ANSI A92.2		
F.	Bucket Liner Test 50kV		
G.	Unit shall be minimum tested and certified for category "C" machine certified for operation up to 46kV, per ANSI A92.2-2001. Dielectrically tested unit after installation.		
H.	Supplier will provide a weight ticket of completed vehicle.		

Training & Pre-Paint Inspection			
I.	Complete training and instruction in the correct operation and maintenance of the vehicle and all equipment shall be provided at the time of delivery by a qualified manufacturer's factory representative.		
J.	Supplier will provide transportation and accommodations for 4 people for a pre-paint inspection.		

Warranty			
K.	Bidder shall furnish complete warranty information for all equipment and tools provided for within bid.		

Transportation & Delivery			
L.	Successful bidder shall provide and include all delivery and transportation costs of new truck to final destination at Wolfeboro Municipal Electric Department's shop located at 133 Middleton Road in Wolfeboro, NH.		

### Options

Options (Please provide additional cost if available and applicable)		Available	
		YES	NO
5.01	"Hastings" Single Conductor Wire Holder, swivel type with adapter for jib.	\$	
5.02	"Power Craft" Inverter, 1500 Watt, switch located within cab and wired through ignition. Locate inverter behind seat and include POWER Strip EL714K21 mounted within cab.		
5.03	Body option - <b>Complete</b> stainless steel, to include floor, rear deck and sub-frame rails. <i>This to exceed the standard Dakota "Northlander" stainless steel body package.</i>	\$	
<b>Note:</b>	Option: Provide pricing for the Truck Chassis/ Cab in addition to body per specifications listed within sections 6.00-6.52 (please list optional pricing for section 7.00-7.02 separately).	<i>Provide cost on bid sheet</i>	

Wolfeboro Municipal Electric Department Truck Chassis and Cab		YES	NO
6.00	2025 International MV 607 SBA Series, 4 x 2 Dual Rear Wheel.		
6.01	G.V.W.R. (35,000 lbs.).		
6.02	Cab Axle (CA) 126".		
6.03	Axle to End of Frame (AE): 100"		
6.04	Wheelbase: 193".		
6.05	Front Axle: 14,000 lb. capacity.		
6.06	Rear Axle: 23,000 lb. capacity, Driver Controlled Locking Differential, Gear Ratio: 6.14.		
6.07	Straight Frame: .438" thick, minimum section modulus of 21.05. 120,000 PSI.		
6.08	Top of Frame to Top of Cab Height: 62.9 inches ( <b>See 6.28</b> ).		
6.09	Brakes: Full Air with Parking Brake. 18.7 CFM <b>Cummins</b> Air Compressor.		
6.10	Air Dryer: Heated Air Dryer, Bendix AD-IP.		
6.11	Engine: Cummins B6.7, <b>325 HP@ 2400 RPM, 750 lb.-ft torque @ 1800RPM.</b>		
6.12	Transmission: Allison 3500 RDS, 5th Generation Controls, Wide Ratio, 6-Speed Automatic with Double Overdrive, Less Retarder with usable Power Take-Off provision. Transmission Oil Cooler with Oil Temp Gauge on Dash.		
6.13	Driveline: Dana Spicer 1710.		
6.14	Front Springs: Heavy Duty, 12,000 lbs.		
6.15	Rear Springs: Heavy Duty, 23,500 lbs. vari-rate with 4,500 lbs. auxiliary rubber spring.		
6.16	Wheels: Hub Piloted Disc, Powder Coated (White) .472" Thick Steel, 10 Stud Flanged Lug Nut with Position Indicators.		
6.17	Tires (Front): Two (2) 11R22.5 Load Range G, 14 Ply, G149 Goodyear, or Equivalent.		
6.18	Tires (Rear) Four (4) 11R22.5 Load Range G, 14 Ply G328 Goodyear or Equivalent		
6.19	Alternator: 12 Volt, 160 Amp Minimum Capacity.		
6.20	Starter: Delco Remy 38MT (Type 300) 12-volt, <b>Less</b> Thermal Crank Protect.		
6.21	Battery: (3) Maintenance-Free, 12-Volt, 2,850 CCA Total, Top Threaded.		
6.22	Steering: Power Steering with Tilt Wheel Column.		
6.23	Fuel Tank: Top Draw, Polished Aluminum, D-Style, 50 Gallon Capacity, Mounted Left Side, Under Cab (Not to extend beyond rear of cab).		
6.24	DEF Tank: 7 Gallon Capacity, Frame Mounted Outside Left Rail, Under Cab.		
6.25	Exhaust System: Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Short Horizontal Tail Pipe, Frame Mounted Right Side Back of Cab with 90 Degree Turnout. ( <b>Confirm Preferred Vertical Stack Style Tailpipe is not Available with Non-Air Ride Cab</b> ).		
6.26	Engine Exhaust Brake for Cummins ISB/6.7 Engine.		
6.27	Cab: Conventional Steel Day Cab with 3-Piece Fiberglass Tilt Hood. (Verify Color of DuPont's Imron "Wheatland Yellow" or MED accepted equivalent).		
6.28	Cab Rear Suspension: Rubber Suspension for low Cab Height ( <b>See 6.08</b> )		
6.29	Step Access: (2) Each, Driver and Passenger Sides.		
6.30	Grab Handles: Two (2) Chrome towel bar type with anti-slip rubber inserts for cab entry mounted left and right exterior of each side. (Code:16SDC)		
6.31	Front Bumper: Contoured Steel, Chrome Plated.		
6.32	Mirrors: Two (2) Aero Pedestal, Power Adjust, Heated, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Include 6.5" x 6" Convex Mirrors for 102" Width.		

<b>Truck Chassis and Cab (continued)</b>		<b>YES</b>	<b>NO</b>
6.33	Radiator: Aluminum, 2-Row, Cross Flow, Over-Under System, 717 SqIn Louvered, with 313 SqIn Charge Air Cooler, with In-Tank Oil Cooler.		
6.34	Tow Hooks: Two (2) Front.		
6.35	Cab Interior: <b>Classic</b> Day Cab, 2 Padded Moveable Visors, Overhead Console with Storage and Radio Equipment Pockets, Door Activated Dome Light with Timed Theater Dimming. Standard Gray/Black Color Option.		
6.36	<b>Winged</b> Instrument Panel, Premium Level Gauge Cluster, Speedometer, Tach, Coolant Temp, Air Pressure, Fuel and Def Levels, Oil Pressure, Include 5 Inch LCD Display, Trans. Oil Temp, Engine Hour Meter.		
6.37	Driver & Passenger Seat: Vinyl, Air Ride, High-back with Integral Headrest, Back Angle Adjustment.		
6.38	Windshield and All Glass: Tinted.		
6.39	Windows: (2) Power Windows and Door Locks, Left and Right with Express "Down" Feature.		
6.40	Air Conditioning with Integral Heater and Defroster.		
6.41	Electrical System 12-Volt with all Standard Equipment Options.		
6.42	Data Link Connector For Vehicle Programming and Diagnostics.		
6.43	Main Electrical Panel Equipped with Manual Reset Circuit Breakers.		
6.44	Windshield Wipers: Intermittent Speed Control, Auto Headlight Activation, Slowest Interval Speed upon Parking Brake Set.		
6.45	Horns: Dual Electric/Air.		
6.46	Radio: AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input, Speakers within Doors.		
6.47	Lights: M.V.S.S. 108 Std Compliant., LED Headlights, Cab Roof Lights, Include Two (2) Front Mounted LED Fog Lights.		
6.48	Starter Ignition Switch: Electric Key Operated.		
6.49	Engine Block Heater: Standard for Cummins 120 Volt/ISB/B6.7 Engine.		
6.50	Cigar/Cigarette Lighter with additional fused 12 volt DC Auxiliary power point receptacles.		
6.51	Provision for Remote Throttle Control for PTO Operation.		
6.52	Throttle Hand Control, Engine Speed Control for PTO, (Electronic Stationary Pre-Set) Two Speed Settings, Mounted on Steering Wheel.		
	<b>IHC Codes</b> (Revise as Required for Functions Listed)		
	<b>13WUC</b> General Truck, Input / Output.		
	<b>12VXU</b> Remote Engine Speed Accomodation.		
	<b>12XAT</b> Remote Engine Speed Harness.		
	<b>08HAB</b> Heavy Duty Wiring.		
	<b>08HAH</b> Electric Trailer Brake/Lights Accomodation Package Wiring to Rear of Frame.		
	<b>60ABC</b> Remote Start / Stop Harness.		
	<b>60AAH</b> Two (2) 6-Pack of Switches, Remote Power Module (RPM). Located within Cab, Latched Switches		
	<b>60ABE</b> PTO Accomodation Switch.		
	<b>60AJD</b> Boom Up and Outrigger Down Warning Lights.		

<b>Chassis Options (Please Provide Additional Cost if Available).</b>		<b>YES</b>	<b>NO</b>
7.01	Automatic Chains: On Spot Auto (Air Actuated) Chain System for rear tires.	\$	
7.02	Extended Warranty: 5 Years, 100,000 miles on Engine, Transmission and Rear Axle.	\$	
7.03	Back Up Camera. Pro-Vision AHD Marker Light With Built In Camera. Part Number RV-450. To Be Installed In Center Of Tail. LCD Screen Placement to be determined at pre-paint.	\$	
<b>Note:</b>	<b><i>Modifications to General Specifications for truck chassis, Cab Axle Length (CA), Axle to end of frame length (AE) and Wheelbase Length may be considered in order to accommodate the specific requirements of manufacturers line body/boom as needed while maintaining Wolfeboro MED's specifications for such. These modifications must be noted in bid.</i></b>		