

# REQUEST FOR PROPOSAL



## BURLINGTON ELECTRIC DEPARTMENT

585 Pine Street  
Burlington, VT 05401-4891  
Phone: 802-865-7456

RFP #

**007-26**

DATE:

6/16/2025

REQUEST FOR QUOTATION

THIS IS AN INQUIRY,  
NOT AN ORDER

PLEASE QUOTE PROMPTLY

ALL RFP'S RESPONSES ARE TO BE  
UPLOADED TO OUR SECURE  
WEB SITE USING YOUR UNIQUE LOGI

DELIVERY REQUIRED BY:

ASAP

QUOTATION DUE BY

**NLT 7/11/25 11 AM EST**

REQUISITION NO:

Distribution

DEPT:

Distrubution

QTY	DESCRIPTION				
1	<p>BURLINGTON ELECTRIC DEPARTMENT IS SEEKING QUOTES ON THE FOLLOWING <i>All Electric Bucket Truck</i></p> <p>PLEASE QUOTE EACH PRODUCT WITH COST AND LEAD TIME. DELIVERY OF THE BELOW UNITS IS ASAP FREIGHT ALLOWED.</p> <p>BURLINGTON ELECTRIC DEPARTMENT IS OWNED BY THE CITY OF BURLINGTON VT AND THEREFORE QUALIFIES FOR GSA PRICING IF AVAILABLE.</p> <p><b>ON THE ITEMS BELOW YOU MUST SHOW YOUR PART# and VENDOR PART NUMBERS</b></p> <table><tr><td><i>All Electric Bucket Truck / warranty on truck, battery, boom &amp; bucket</i></td><td><b>QTY</b></td></tr><tr><td><i>Truck does not need to be International specs from last truck ordered</i></td><td><b>1</b></td></tr></table> <p><b>DELIVERY REQUIREMENT: SHIP FOB DESTINATION FREIGHT ALLOWED O</b></p> <p>BED RESERVES THE RIGHT TO ACCEPT OR REJECT ANY OR ALL PROPOSALS RECEIVED IN RESPONSE TO THIS RFP OR TO TAKE OTHER ACTION CONSISTENT WITH THE BEST INTEREST OF BED. BED RESERVES THE RIGHT TO NEGOTIATE SEPARATELY WITH ANY SOURCE TO SERVE THE BEST INTEREST OF BED.</p> <p><b>EXCEPTIONS TO THIS RFP SHALL BE SUBMITTED IN WRITING &amp; ACCEPTED BY B.E.D. ON THE AWARDED P.O. TO BE BINDING. ALL SUBMITTED BIDS BECOME THE PROPERTY OF BURLINGTON ELECTRIC DEPARTMENT. AFTER THE AWARDING OF THE CONTRACT TO THE SUCCESSFUL BIDDER, ALL BIDS ARE OPEN FOR PUBLIC VIEWING.</b></p> <p><b><u>VENDOR MUST COMPLETE THIS INFORMATION</u></b></p> <p><i>Paul Charbonneau</i></p>	<i>All Electric Bucket Truck / warranty on truck, battery, boom &amp; bucket</i>	<b>QTY</b>	<i>Truck does not need to be International specs from last truck ordered</i>	<b>1</b>
<i>All Electric Bucket Truck / warranty on truck, battery, boom &amp; bucket</i>	<b>QTY</b>				
<i>Truck does not need to be International specs from last truck ordered</i>	<b>1</b>				

- SHIPMENT CAN BE MADE \_\_\_\_\_ DAYS FROM RECEIPT OF ORDE
- F.O.B. DESTINATION FREIGHT ALLOWED BURLINGTON ELECTRIC DEPT. DOCK.
- TERMS \_\_\_\_\_ DISCOUNT OF \_\_\_\_\_% IF PAID NET \_\_\_\_\_ DAYS
- QUOTE VALID \_\_\_\_\_ DAYS

SIGNED \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_ COMPANY: \_\_\_\_\_

**B.E.D. RESERVES THE RIGHT TO ACCEPT OR DECLINE ANY AND ALL BIDS.  
ALL BIDS BECOME THE PROPERTY OF BURLINGTON ELECTRIC DEPARTMENT**

Director of Purchasing & Facilities

**TO INQUIRE ON ABOVE QUOTE PLEASE CALL  
PURCHASING DEPARTMENT DIRECT AT:**

**PAUL CHARBONNEAU 865-7456**  
email: [pcharbonneau@burlingtonelectric.com](mailto:pcharbonneau@burlingtonelectric.com)



55 Ft Overcenter Material handler Mounted on a Full Electric Cab Chassis  
With a Plug In Smart PTO system.

Specifications for Line & Service Body for use with a 55 ft. Aerial Bucket Unit mounted over the rear axle.

## **BODY**

Aluminum Line Body

192" long, 46" high 94" wide

Side Cabinet 18" deep x 46" high. 58" Load Space.  
Top of floor to top of cabinet 25".

Door Material Aluminum

Single Point Rotary (Stainless Steel) - Latch Type    Keyed Alike    - Lock Type

Floor and Understructure:  
3/16" AL Treadbrite .

### **Accessories:**

Rubber Rolled Crown, Installed with Wheel Cut-Outs.

Master Door Lock.

Powdercoat Complete; Interior and Exterior, White.

Streetside Compartmentation:

1st Vertical Compartment:

29" Wide x 46" High x 18" Deep Compartment

Five (5) 1/2" Dia. Locking / Swivel Carriage Bolt Hooks, Adjustable, 1-3-1 Hook Set

2nd Vertical Compartment:

29" Wide x 46" High x 18" Deep Compartment

Two (2) Adjustable Shelves

Divider Slots on 2" Centers, with Five (5) Adjustable Dividers

3rd Vertical Compartment:

29" Wide x 46" High x 18" Deep Compartment

Two (2) Adjustable Shelves

Divider Slots on 2" Centers, with Five (5) Adjustable Dividers

4th Vertical Compartment:

21" Wide x 46" High x 18" Deep Compartment

Two (2) Adjustable Shelves

Divider Slots on 2" Centers, with Three (3) Adjustable Dividers

Horizontal Compartment:

54" Wide x 24" High x 18" Deep Compartment

Eight (8) Adjustable Dividers installed on Compartment Bottom

Rear Vertical Compartment:

30" Wide x 46" High x 18" Deep Compartment

Five (5) 1/2" Dia. Locking / Swivel Carriage Bolt Hooks, Adjustable, 1-3-1 Hook Set

Outrigger Cutout with Cover In this Compartment

Streetside Hotstick Shelf:

192 Inch Long Shelf Installed on the Streetside with a Rear Dropdown Access Door

Stainless Steel Automotive Rotary Type Door Latch

Curbside Compartmentation:

Curb Side Access 29" Wide

Two grip Strut steps built into access way and one under slung step. Include a built in box in access way steps.

Two (2) grab handles at the side access of the body.

2nd Vertical Compartment:

29" Wide x 34" High x 18" Deep Compartment

Five (5) 1/2" Dia. Locking / Swivel Carriage Bolt Hooks, Adjustable, 1-3-1 Hook Set

3rd Vertical Compartment:

29" Wide x 34" High x 18" Deep Compartment

Two (2) Adjustable Shelves

Divider Slots on 2" Centers, with Five (5) Adjustable Dividers

4th Vertical Compartment:

21" Wide x 46" High x 18" Deep Compartment

Two (2) Adjustable Shelves

Divider Slots on 2" Centers, with Three (3) Adjustable Dividers

Horizontal Compartment:

54" Wide x 24" High x 18" Deep Compartment  
One (1) Adjustable Shelf  
Divider Slots on 2" Centers, with Eight (8) Adjustable Dividers

Rear Vertical Compartment:

30" Wide x 46" High x 18" Deep Compartment  
Five (5) 1/2" Dia. Locking / Swivel Carriage Bolt Hooks, Adjustable, 1-3-1 Hook Set  
Outrigger Cutouts with Covers in this Compartment  
Grounding Bracket: (Installed/ Bolt On to O/R cover)

Tailshelf: AL Treadbrite tail shelf 32 inches long X 94 inches wide x 6 inches high.  
Valve mounting plates below tailshelf

Wheel Chock Storage:

Two (2) built into body fender panel on Streetside and Two (2) curbside.  
Include pendulum retainers

Bucket Access steps Bed Area Step: Bolt-on/Installed

Bed area step bolted on to 1/2" tapped flats (curbside)

**Additional Items:**

Left rear, double cable grip strut access step

Grab Handle at left rear

Under ride protection at rear.

Install a 4,000 lb. capstan winch under right rear tailshelf complete with double counterbalance valve, Braden PCD24. Control valve with right side outrigger controls. Valve to have NO detents

Install Ladder rack Left Side of body, Two layer, bottom for Extension ladder top for Man hole ladder, vent. 154" long 20" wide ID.

Install, Right Side Box, 76" long x 18" wide x 12" high with top opening door. Box to be made of Aluminum. Door to be aluminum tread plate.

Modify Bucket Access steps as needed

Install Box 36" long x 20" high x 18" wide, top opening door. Left Side of body forward of ladder. Accessible from the bed area. Include vents. Box to be made of Aluminum.

Two Outrigger pad holders located under cabinets left side.

Provide 4 outrigger pads use 4 poly outrigger pads. 24x24x1 with rope handles

Install a Hydraulic hose reel, Hannay, #617-23-24B, with 35 ft of non conductive hose with Quick Disconnect Fittings Include an adjustable flow divider.

Install 3) 4" PVC tubes 80" long, with cap & door, locate between the boom rest and the back of the CAB

Guard around hydraulic tank shut off valve.

Include guard over the Rear outrigger fittings

LED traffic advisor under the tailshelf, center at rear, controller Located in Cab

Reel Bar Brackets on tailshelf to handle a 36" diameter reel.

1) LED Work Light at Right rear, Whelen Pioneer MPPBCS

Blanket Box in Bed Area Forward, 40" wide x 40" high x 10" deep with adjustable hooks, 3 each side.

Inverter 1500 Watt Inverter installed in the cab with and Two Remote Outlets

Back-up alarm to sound when the vehicle is shifted into reverse.

4 Rubber wheel chocks with eye bolt.

Cone Holder Bolt on style Mounted under streetside tailshelf

Tie Wire reel holder, Bolt on style Mounted between platform rest uprights

Access steps to platform from top of body or flatbed floor.

Mud flaps.

2/0 Black Electrical Cable used for grounding per ASTM F855-04:

50' of multi-strand flexible copper cable, three grounding lugs, two ferrules and grounding clamp.

Boom Rest, H-Frame

LED 7-lamp DOT Lighting Package:

Includes required lights, junction box and wiring harness.

Lighted license plate bracket kit with LED light.

Amber strobe light (LED) with 4" tall & 6" dia. lens, and branch guard.

4 Amber strobe lights at rear surface mount style (2) mounted in rear of cabinet  
(2) mounted in rear light bar

2 Amber strobes mounted in front grill.

1) Golight 20004 LED spotlight, hand held remote and white in color. Install light on right side of boom rest in board of strobe.

ICC rear bumper.

45 gallons of Hydraulic oil for general purpose use.

Pro-Vision backup camera kit: Note: Camera only, 2.5 inch.

Paint body floor with non-skid paint. Black

### **Viatec SmartPTO V3 Plug In Green PTO**

Includes 28.8 KWH batteries

Battery and electric motor must be contained in an Aluminum box approx. 18" W x 50"L x 23" H

Pump will have a flow up to GPM at 3,000 PSI

"Smart PTO Switch" will be located in the cab.

"Smart PTO " Main control panel , located where it is easily accessible & viewable.

Includes 3 yr. service subscription, remote monitoring, software updates, and remote troubleshooting support

Includes Level 2 fast charge & Level 1 Charging.

The Smart batteries are completely independent from the chassis batteries.

The use of the Aerial Device will not affect the chassis battery level.

The Use of the Chassis will not affect the level of the Smart PTO battery.

The Aerial device will be driven by the Smart PTO Hydraulic pump. There will be NO Chassis PTO & NO Chassis exportable power to drive the Aerial Device.

The Display in the cab will indicate the State of charge for the Smart PTO.

### **Overcenter Material Handling Aerial Device:**

#### **Overcenter Material Handling Aerial Device:**

Ground to bottom of basket - 55 ft., 60 foot working height.

Unit to be of Boom over Boom design.

Lower Boom Articulation - 116 degrees or more.

Working height of 60.0 ft

Side reach of 48.2 ft Overcenter

Horizontal reach of 42.8 ft non-overcenter.

Continuous & Unrestricted Rotation:

A hydraulic rotary manifold provides a rotating oil distribution system for continuous and unrestricted rotation. A minimum 6-channel electric collector ring is also provided.

Hydraulic System, Full pressure open center hydraulic system.

A load chart stating actual lifting capacity considering all final options.

All metallic components of the complete aerial device are powder coat white.

The fiberglass upper boom lower boom insert platforms and covers are white.

The pedestal is designed with access holes for maintenance of hydraulic plumbing.

Boom with 116 degree lower boom articulation to ground access in the non-overcenter position.

Side reach, Non Overcenter 42.58 ft.

Upper and Lower Booms both elevated by hydraulic cylinders; cable or chain unacceptable.

Hydraulic System - Full Pressure, Open Center, closed center system unacceptable.

Lower Boom, Filament wound high strength fiberglass insert providing to provide 18" of clear insulation

Upper Boom, Filament wound tapered fiberglass boom providing a clear span 159" insulation gap.

Fiberglass sections of boom to be Gel Coat White, steel sections to be White.

Leveling Chain, Extended life leveling chain.

Automatic latch upper boom rest. Hydraulic.

Boom Tip - Hoses going to basket to be contained within the boom. Exposed hose bundles not acceptable.

Single stick to be model PTE 6000, no twisting required.

Single stick top control must be made of nonconductive material and is tested to maximum of 30 kv with no more than 400 micro amps leakage.

The platform rotator offering 105 degrees of forward rotation.

Platform leveling control is located at the top controls for ease of personnel rescue and platform debris clean out.

Hydraulic Platform Tilt is provided at platform and lower controls.

Engine Stop/Start controlled at platform and lower controls.

Dual Hydraulic Tool Outlets At Platform With Flow Control.

Installed at the platform to accommodate two open center hydraulic tools. includes port relief's to limit pressure to 2250 psi. Quick disconnect couplers.

Lower Controls, Individual control levers are provided and located in an accessible location on the turntable.

Winch control at the lower controls.

Aerial device is designed as a Category C machine in accordance and is dielectrically tested and rated for operation on systems up to 46 KV phase to phase per ANSI/SIA A92.2-2015

Side Mounted Fiberglass Platform 24" x 30" x 42": (Curbside)  
Includes (1) one outside access steps with a slip-resistant surface.

Bucket must be removable without disturbing controls.

Minimum Basket Capacity - 500 lbs.

One safety harnesses with lanyard is provided for fall arrest.

All other top control levers for jib, winch, rotator, tools etc must also be made of nonconductive material.

A padded saddle rest provides platform support during road travel.

Insulated Platform Liner For 24" x 30" x 36" \* Tested at 70 KV AC.



Vinyl Platform Cover For 24" x 30" Platform:

Platform capacity rated up to 500-lbs and load chart.

Telescopic Material Handling Jib mounted on streetside of upper boom.

- 8 ft. minimum overall length.

- 6 ft. minimum extension.

- 5 Adjustment Holes at 12" increments.

- Jib can be extended or retracted from basket.

- Jib to be rectangular cross section for ease of extension and retraction.

- Include Head Sheave.

Jib to extend hydraulically, Jib must be able to be re-pinned under load.

Jib to articulate hydraulically - minimum 125 degrees of articulation without repinning.

Auxiliary Let Down for use with Open Center Hydraulic, Allows for the descent of the boom (platform) in the most direct manner for a time limited by the duty cycle of the electric motor.

Includes 12 volt electric motor for use on a 12 volt chassis.

Note: This includes a switch for activation at pedestal for electric or air function.

Advanced Chassis Controller, Multiplexed system to include: Controller, LCD Screen, Manual and Schematics. Standard Options: Diagnostics, Status Screens, Event Log, Hours Meter, Selectable Button Labels, System Alerts and System Test.

30 gallon hydraulic oil reservoir is provided and includes a 100 mesh filter, and a ball type shut off valve.

Subframe, Full Length. Include Tie Down Kit.

Two Sets of Extra Heavy Duty A-Frame Outriggers with swivel type stabilizer pads.  
One set front, one set rear.

Outrigger Controls Full pressure hydraulic controls. For 2-Sets Of Outriggers and Auxiliary Tool Outlets (Open center systems). Located under tailshelf at rear

Includes switches and alarm for outrigger in motion alarm.

Outrigger Interlock, To operate the boom the outriggers must be extended.

Di-electric Test Unit after installation.

Two complete manuals providing operation and maintenance procedures and a replacement parts

listing.

**International eMV607 4X2 chassis per attached specifications below .**

## **INTERNATIONAL®**

### **Model Profile** **eMV607 SBA (MV60E)**

<b>AXLE CONFIG:</b>	4X2
<b>APPLICATION:</b>	Utility
<b>MISSION:</b>	Requested GVWR: 33000. Calc. GVWR: 33000. Calc. GCWR: 100000 Calc. Start / Grade Ability: 0.00% / 0.00% @ 0 MPH
<b>DIMENSION:</b>	Wheelbase: 217.00, CA: 149.90, Axle to Frame: 100.00
<b>MOTOR, ELECTRIC, DRIVETRAIN:</b>	{Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
<b>AXLE, FRONT NON-DRIVING:</b>	{Dana Spicer D-1201R IADB} I-Beam Type, 12,000-lb Capacity, with Integrated Air Disc Brake Knuckle
<b>AXLE, REAR, SINGLE:</b>	{Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends Gear Ratio: 6.83
<b>CAB:</b>	Conventional, Day Cab, center console, air ride passenger seat
<b>TIRE, FRONT:</b>	(2) 11R22.5 Load Range H HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position
<b>TIRE, REAR:</b>	(4) 11R22.5 Load Range H HDL2 (CONTINENTAL), 493 rev/mile, 75 MPH, Drive
<b>SUSPENSION, REAR, AIR, SINGLE:</b>	{International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails
<b>PAINT:</b>	Cab schematic 100WP Location 1: 9219, Winter White (Std) Chassis schematic N/A

MV60E00	Base Chassis, Model eMV607 SBA with 217.00 Wheelbase, 149.90 CA, and 100.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1ANA	AXLE CONFIGURATION {Navistar} 4x2
1CAH	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.375" x 3.705" x 0.438" (263.5mm x 94.1mm x 11.1mm); 456.0" (11582mm) Maximum OAL
1CGM	GVWR LIMITATION FOR FRAME Frame Rails Limited to 33,000 lb Maximum GVWR
1LEG	LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper
1LNN	BUMPER, FRONT Contoured, Steel, Chrome Plated
1MLX	SPECIAL FRAM PIERCING for Terex Body
1SAL	CROSSMEMBER, REAR, AF (1)
1VBL	BODY MOUNT PROISION Omit
1WEJ	WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)
2AEZ	AXLE, FRONT NON-DRIVING {Dana Spicer E-14621} I-Beam Type, 14,000-lb Capacity,
3ADD	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 14,000-lb Capacity, with Shock Absorbers
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
4AZS	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Electronic Stability Program, with Automatic Traction Control
4EDN	AIR DRYER {Bendix AD-9SI} with Heater, Includes Safety Valve
4SPS	AIR COMPRESSOR {Quanxing} 10.6 CFM, for Electric Vehicle
4VGN	AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports
4VLS	AIR DRYER LOCATION Mounted Outside Right Rail, Inside Compressor Box
4VLT	AIR TANK LOCATION (2) Mounted Right Side, Under Compressor Box
4WRS	COMPRESSOR BOX Steel, with Polished Aluminum Cover, 30" Wide, Mounted Right Side Under Cab
4XCJ	BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity
4XCK	BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle
4XDX	BRAKE CHAMBERS, FRONT AXLE 20 SqiIn, for Air Disc Brakes
4XEA	BRAKE CHAMBERS, REAR AXLE 18/24 SqiIn Spring Brake, Double Diaphragm, for Air Disc Brakes
5710	STEERING COLUMN Tilting and Telescoping
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PRR	STEERING GEAR {TRW (Ross) TAS66} Power
6DGL	DRIVELINE SYSTEM {Dana Spicer} Service Free SPL170, for 4x2/6x2
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord
8HAA	BODY BUILDER WIRING To Rear of Frame, with Stop, Tail, Turn, and Marker Lights Circuits, Ignition Controlled Auxiliary Feed and Ground, Less Trailer Socket

8MWG	BATTERY SYSTEM {Fleetrite 31-PC2120 AGM} Maintenance-Free, (2) AGM 12-Volt 1850CCA Total, Top Threaded Stud
8RMH	BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Battery Box Mounted
8RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
8RPR	ANTENNA for Increased Roof Clearance Applications
8RPS	RADIO, AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
8TLC	BATTERY PACK 210 kWh Capacity
8VBE	HORN, ELECTRIC (1) Trumpet Style
8VVM	BATTERY BOX Aluminum, with Polished Aluminum Cover, 30" wide, up to 2 Battery Capacity, Mounted Left side under cab, for Electric Vehicle
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8WSU	CHARGING PORT Forward Location, for Electric Vehicle <u>Includes</u> : CHARGING PORT Forward Charging Port Located on Left Side Under Cab
8WUM	POWER CONVERTER HV (High Voltage) Battery to 12V Battery, with Dual 3.8kW Converters, for Electric Vehicle
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XHA	CRUISE DISABLED W/WIPERS Cruise Control will Automatically be Disabled if Windshield Wipers are Turned on when Vehicle Speed Exceeds 25 MPH
8XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord
8XLT	ALARM, PARK BRAKE, TIMER Programmable Parameter to Change Alarm Trigger Time
8XNA	CONNECTOR, DASH, CENTER PANEL Cab Wiring for (3) TMC RP1226 Vehicle Accessory Connectors; Includes (3) 14-pin Connectors with switched power, Battery Power, Ignition Power, Ground & Body 250K Datalink, Connector Located behind Instrument Panel Center Console
8XPA	HEADLIGHTS LED, with Daytime Running Lights, Automatic Twilight Controlled
8XPK	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB-A Port and USB-C Port, Located in the Instrument Panel
8XPN	USB PORT One USB-A Port and One USB-C Port, located in Instrument Panel
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges

9HDB	GRILLE Molded in Black, with Body Color Surround
9WBN	FENDER EXTENSIONS Painted
9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
9WBZ	BUG SCREEN Mounted Behind Grille and Bumper Grille
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
10WUE	MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12AAB	MOTOR, ELECTRIC, DRIVETRAIN {Dana TM4 SUMO MD HV2200-6P} 255kW Rated Power @ 1000 RPM, 2355 Nm Rated Torque @ 1000 RPM
12XCJ	RADIATOR Aluminum, 2-Row, Cross Flow, Four 12" E-Fan System, 595 SqIn Louvered, for Electric Vehicle
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
14ERW	AXLE, REAR, SINGLE {Dana Spicer S23-172F} Single Reduction, Pinion Up, 23,000-lb Capacity, R Wheel Ends . Gear Ratio: 6.83
14TDV	SUSPENSION, REAR, AIR, SINGLE {International IROS} 21,000-lb Capacity, 9.25" Ride Height, with Shock Absorbers Mounted Outside the Rails
14WMN	AXLE, REAR, LUBE {EmGard FE-75W-172F} Synthetic Oil; 1 thru 29.99 Pints
16030	CAB Conventional, Day Cab
16ATC	AUTOMATIC CLIMATE CONTROL Automatically Maintains Cabin Comfort Based on Selected Temperature
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16HCV	GAUGE CLUSTER English with English Electronic Speedometer, for Electric Vehicle
16HKA	IP CLUSTER DISPLAY Omit Display of Fault Codes in Instrument Cluster and Disable Blink Codes, Requires Service Tool to Retrieve and View Fault Code
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust
16RPV	SEAT, PASSENGER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust
16SDC	GRAB HANDLE, EXTERIOR (2) Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left and Right Side at B-Pillar
16SNV	MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Turn Signals, Bright Heads, Black Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
16VKK	CAB INTERIOR TRIM Diamond, for Day Cab
16VLM	CAB REAR SUSPENSION Rubber Suspension, for Low Cab Height
16WBY	ARM REST, RIGHT, DRIVER SEAT
16WBZ	ARM REST, LEFT, PASSENGER SEAT
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16WSE	LOW WASHER FLUID INDICATOR
16XCM	CAB DOOR LOCKS Power, Driver Side Only; Non-Locking When Door Open

16XJN	INSTRUMENT PANEL Flat Panel
16XTK	ACCESS, CAB Bright Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Extended Cab
27DWU	WHEELS, FRONT {Accuride 43644} DISC; 22.5x8.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs
28DWR	WHEELS, REAR {Accuride 43644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
29WLK	WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil.
7372138135	(4) TIRE, REAR 11R22.5 LoadRange G ENDURANCE LHD (GOODYEAR), 493 rev/mile, 75 MPH, Drive
7382155439	(2) TIRE, FRONT 12R22.5 Load Range H HSR 3 (CONTINENTAL), 484 rev/mile, 75 MPH, All-Position

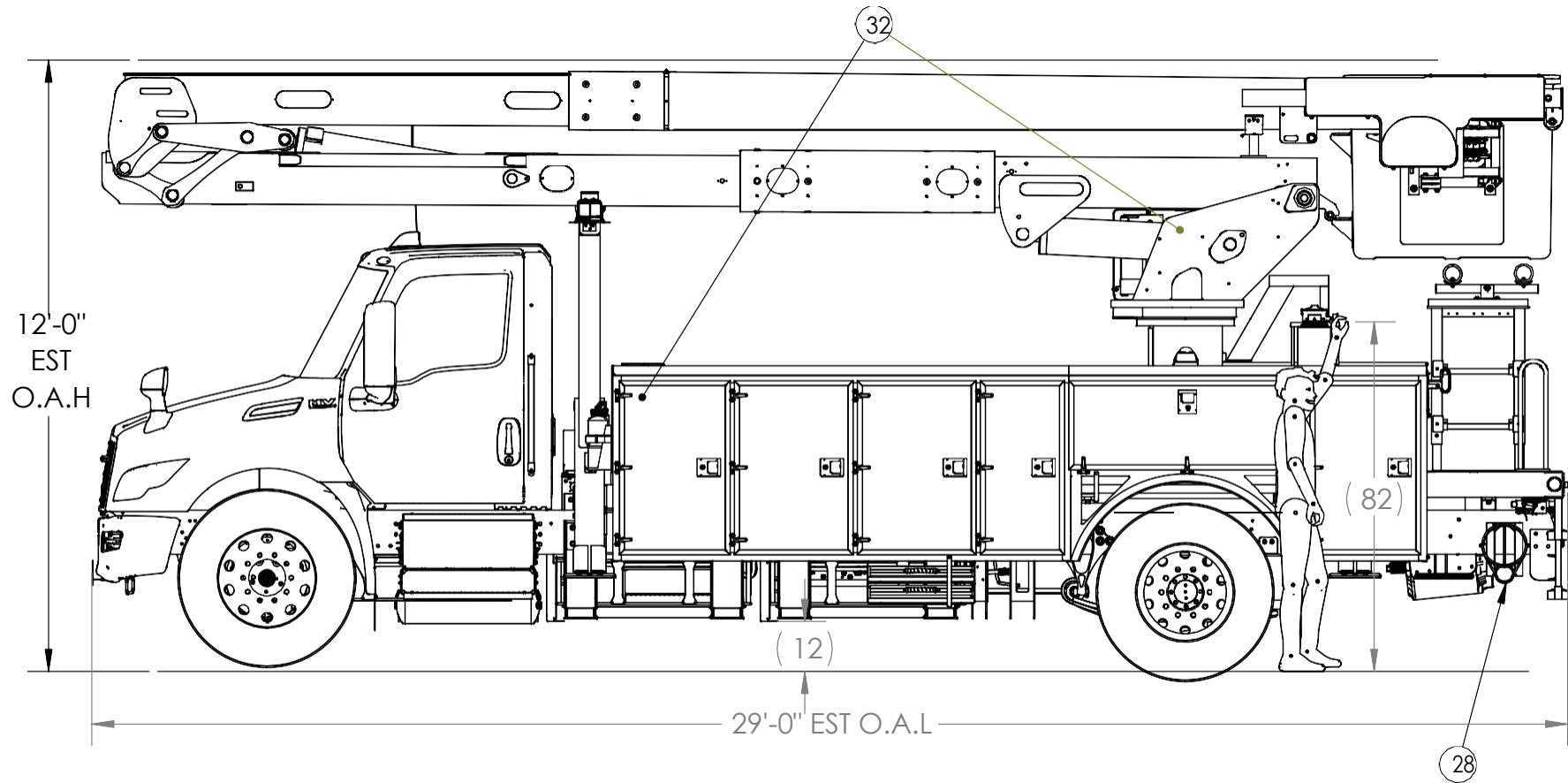
**Services Section:**

40142	WARRANTY Standard for MV60E Electric MV Series, Effective with Vehicles that Include Feature Code 40142, WC-160
40MZV	SRV CONTRACT, E-MV COS {Navistar} 60-Month/Unlimited Miles(km)/350,000kWh Includes Extended Vehicle Coverage, Preventative Maintenance, Battery and ePowertrain, Wear Items, Connected Solutions and OCC
	TSC To Add a Back Up Camera with wiring to end of frame for

SHIP LOOSE: 33 35 - 52

36

REVISIONS					
REV	DESCRIPTION	ECN	DATE	CHG BY	APP BY
1.01					-



SHIP LOOSE: 3 4

STREETSIDE VIEW

			1
ITEM	PART NO	PART NAME	QTY

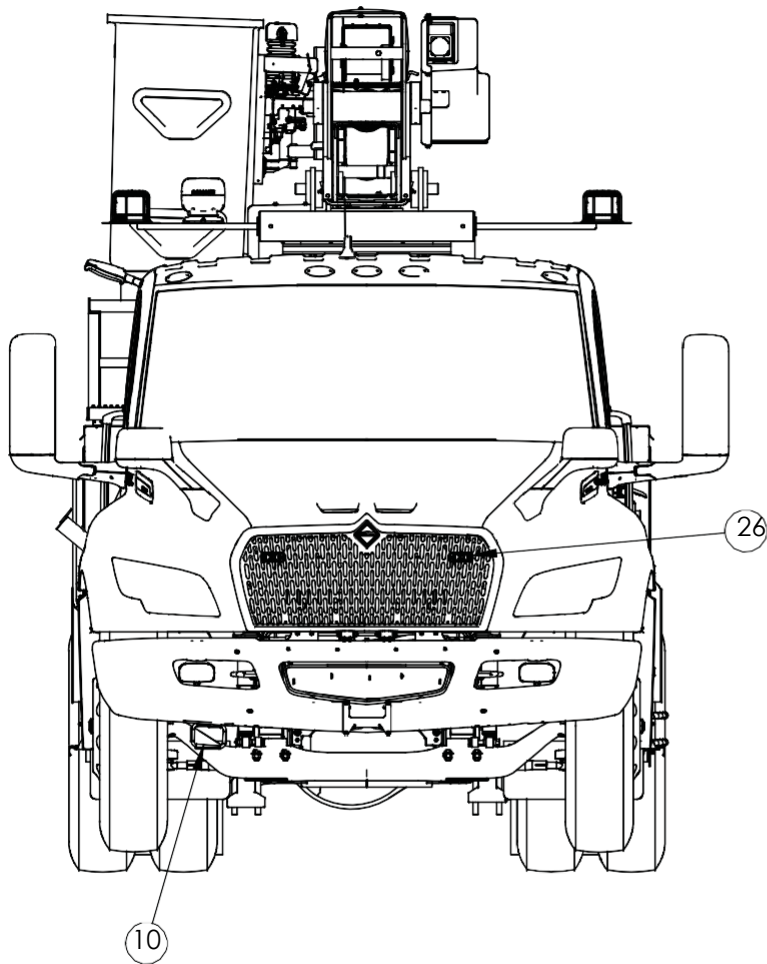
DK NUMBER(S):

		PRODUCT: OPTIMA	BOM:	SCALE: 1:40

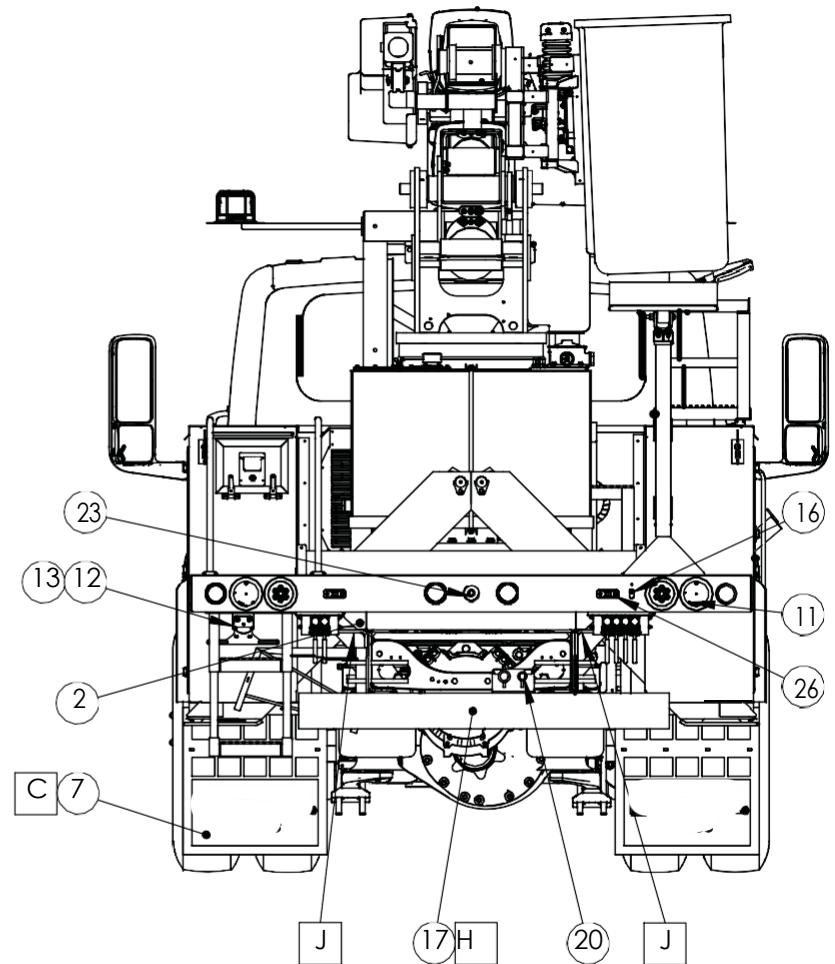


		± ± +		BOM:	SCALE: 1:40





FRONT VIEW



REAR VIEW

DK NUMBER(S):

**STOCK-INT-4X2-EMV-OPTIMA**

THIS DRAWING, WRITTEN DESCRIPTION OR SPECIFICATION REPRESENTS TEREX SOUTH DAKOTA INC. AND SHALL NOT BE RELEASED, DISCLOSED, USED NOR DUPLICATED WITHOUT THE WRITTEN PERMISSION OF TEREX SOUTH DAKOTA, INC. HEIGHTS AND CLEARANCES ARE ONLY ESTIMATES. **ACTUAL WILL BE DICTATED BY CHASSIS FEATURES.** PLEASE NOTE ANY CRITICAL DIMENSIONS.

x.	1"	UNLESS
.x	.5'	OTHERWISE
.xx	.25"	<b>NOTED</b>

**CUSTOMER: TEREX STOCK**

PRODUCT: OPTIMA

BOM:

SCALE: 1:32

SIM TO: QU17602

DATE: 8/9/2022

**PAGE: 3 of 7**

**TERMS and CONDITIONS**

1. These Terms and Conditions, together with the purchase order and/or contract issued by the Burlington Electric Department's (B.E.D.) Purchasing Office, constitute the entire agreement between B.E.D. and the supplier/contractor. Any modification to said agreement shall be submitted in writing by the party seeking said modification, to the other party. Said modification shall be agreed upon in writing by both parties in order for it to be enforceable. Absent said written modification, this form and said purchase order shall exclusively control the terms of the agreement between the parties.
2. Except as herein provided, no purchases ordered by unauthorized individuals shall be enforceable against B.E.D. Only individuals expressly designated as those vested with the authority to purchase on behalf of B.E.D. shall be considered persons possessing binding purchasing authority. Agreements entered into with unauthorized individuals shall be void and B.E.D. shall not be liable for any such unauthorized agreements.
3. Sellers, suppliers and contractors shall not assign, delegate, transfer, convey, sublet, or otherwise dispose of their rights, titles, interests or obligations under this contract, or their power to execute such contract to any other person, firm or corporation, without the previous written consent of B.E.D.'s Purchasing Office.
4. The parties to this agreement hereby agree that this contract is subject to the laws of the State of Vermont. The parties to this agreement further agree that Vermont's version of the Uniform Commercial Code, found in Title 9A of Vermont Statutes Annotated, shall apply.
5. B.E.D. may return any materials which are defective, unsatisfactory, or of inferior quality or workmanship, or fail to meet specifications or other requirements of this order.
6. B.E.D. reserves the right to cancel this order if goods are not shipped as directed. B.E.D. reserves the right to terminate its obligations under this order or any part hereof if any delivery/awarded service is not made in the time provided or, if no time is specified, within a reasonable time or if the material that is delivered/service provided is not as specified.
7. Seller shall ship in accordance with any instructions from B.E.D. and the requirements of common carriers to secure the lowest transportation costs. No shipments are to be made C.O.D., nor shall any such shipments be accepted. When goods or materials are shipped F.O.B. point of shipment, all freight charges are to be PREPAID by the Seller and added to the invoice total. An original copy of paid express or freight bill shall be attached to the invoice.
8. Seller shall furnish a packing slip with all shipments showing the purchase order number, seller name, catalog numbers, quantities (including back orders) and a full description of materials shipped.
9. Contractor shall furnish current Certificate of Insurance as outlined by B.E.D.'s Insurance Requirement Contractor's Order, a copy of which will be provided by B.E.D.'s Purchasing Office to the Seller. Such evidence of insurance shall be received at B.E.D. before the commencement of work, or Purchase Order and/or Contract is awarded, whichever is sooner, and such insurance shall be maintained throughout the duration of awarded contract. Seller shall be liable for any and/or all damages/claims (including but not limited to bodily/personal injury, property damage, loss of income, business interruption, or wrongful death), while performing or as a result of work assigned/related to the awarded contract.
10. The contractor shall be responsible for ensuring that all utilities are properly located, marked and identified through utilization of, and compliance with, the requirements of the "Dig Safe" program (30 V.S.A. §7001 et seq. and Vermont P.S.B. Rule 3.800). Contractor is responsible for working around existing utilities and agrees to indemnify and hold B.E.D. harmless for any damages to such utilities except for such damages whose sole proximate cause is due to negligence by B.E.D.
11. Seller shall follow all B.E.D. Safety Rules, a copy of which shall be provided, as well as follow good utility practices on details not covered in specification documents with preference given to B.E.D. Standard practices if suitable. Seller is responsible for following all applicable EPA/VOSHA/OSHA/NESC and NEC rules and regulations.
12. When the contract is awarded to provide services, the cost of service shall be a fixed fee or a time and material basis with a Not To Exceed amount. Expenses shall be billed at cost unless otherwise specified on the awarded contract. Seller shall furnish an invoice detailing Purchase Order number, scope of work, mileage and other expenses. If the contract is awarded on a time and material basis, the invoice shall also include dates worked, name of personnel, number of labor hours worked (traveled if chargeable), rate per hour and total labor, equipment rental hours and rates and materials. Seller shall be responsible to obtain all necessary permits and copies shall be furnished with each invoice. Seller shall also furnish documentation of all reimbursable expenses with each invoice.
13. Unless otherwise specified, payments shall be made on partial deliveries accepted by B.E.D. when the amount due on such deliveries so warrants. Progressive billing for services rendered shall be accepted unless fixed fee is quoted. Where there is a question of non-performance involved, payment in whole or part against which to charge back any adjustment required, shall be withheld. In the event cash discount is involved, the withholding of payment as provided herein shall not deprive B.E.D. from taking such discount.
14. In accordance with city regulations, invoices for completed purchase orders must be received by B.E.D.'s Accounts Payable by the 27th of each month to assure payment by approximately the 15th of the following month. Invoices received after that date shall be carried forward to the following month.
15. **All invoices shall be mailed to the ATTENTION of B.E.D.'s Accounts Payable.** Inquiries regarding the status of unpaid invoices shall likewise be directed to B.E.D.'s Accounts Payable.