



Power Line Rent E Quip Inc. (17142)

42 Noble Avenue, Roanoke, VA 24012

Phone (540) 982-8340 Fax (540) 345-4400

Web: www.plrei.com E-Mail: timkingery@plrei.com

Business Hours: 7 AM - 5 PM Mon. - Fri.

05-14-24

Cranberry Township
2525 Rochester Road, Suite 400
Cranberry Township, PA 16066
bob.Howland@cranberrytownship.org

RE: Sourcewell Contract Number: 110421-TIM)

VERSALIFT VST-40-MHI

(SN: TBD)

I am pleased to quote the Versalift VST-40-I, an insulated 40' 4" telescopic articulating aerial platform lift. It has a working height of 45' 4" and a horizontal reach of 30' 2". The unit will include the following standard and optional items:

AERIAL LIFT SPECIFICATIONS

OUTER/INNER BOOM ASSEMBLY The outer/inner boom assembly includes an outer boom, telescopic inner boom, extension system, and hose assemblies. The outer boom consists of an 8" x 10" steel section, with a 9" x 11" fiberglass **Electroguard™** section. The 6 7/8" x 8 7/8" rectangular fiberglass inner boom is housed within the outer boom. The extension system consists of an extension cylinder, holding valves, and a hose carrier housed inside the boom. The hoses routed through the outer/inner boom assembly are non-conductive and fully contained within the boom assembly. A double acting cylinder with two integral holding valves articulates the outer/inner boom assembly. A boom support cradle and a boom tie down strap are included.

LOWER BOOM WITH CHASSIS INSULATING SYSTEM: Each end of a high strength fiberglass insert (chassis insulating system) is installed inside a rectangular 8" x 10" high strength steel section. The steel and fiberglass sections are bonded with pressure-injected epoxy to fill any voids. After the adhesive cures, 16 bolts are added to assure maximum strength. A double acting cylinder, with two integral holding valves, articulates the lower boom. The lower boom and compensation link form a parallelogram linkage to maintain the knuckle at a constant angle to the turret.

ELECTRICAL INSULATION SPECIFICATIONS: The outer/inner boom assembly is tested and certified for electrical work at 46-kv and below in accordance with ANSI A92.2 requirements. The outer/inner boom assembly is fully insulated even in a retracted position. The chassis insulating system (lower boom insert) is also tested according to ANSI A92.2.

TURRET: The turret wings are designed for strength and rigidity. A bearing cover seals out moisture and prevents foreign materials from obstructing the turret rotation. The turret plate is machined to provide a flat surface to support the rotation bearing.



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PEDESTAL: The pedestal is tubular with a reinforced mounting plate. The top plate of the pedestal is 1.25" thick and machined flat to support the rotation bearing.

INDIVIDUAL LOWER CONTROLS: Individual full pressure controls at the turret actuate all boom functions. The lower control station is equipped with a selector valve to override the upper controls and service as the emergency stop from lower controls.

HYDRAULIC OIL RESERVOIR: A 17-gallon hydraulic oil reservoir is built integral to the pedestal. Two sight gauges allow quick hydraulic fluid level checks.

CONTINUOUS ROTATION: Unrestricted rotation is accomplished by a hydraulically driven worm and spur gear with a shear-ball rotation bearing. The critical bolts holding the lift to the rotation bearing and the rotation bearing to the pedestal are grade-8 hex head cap screws. These critical bolts are torque seal marked to provide a quick means of detecting any turning of the bolt upon inspection. An eccentric ring is provided to adjust the gearbox pinion backlash.

PLATFORM & LINER: The fiberglass platform is 24" x 30" x 42" with an inside and outside step for easy access. The platform capacity is 400 lbs. without the jib installed or 300 lbs. with the jib installed. A 50kv platform liner and cushioned platform support are provided.

PERSONNEL RESTRAINT SYSTEM: A full body harness and lanyard can be included at an additional cost. The anchor for the lanyard is attached to the platform support.

ARTICULATED JIB: Jib and winch consisting of a winch, two-piece jib pole assembly, and articulating arm. Up to 1000 lbs. material handling can be provided depending on boom and jib positions. The winch is hydraulically powered by a self-locking worm gear drive and is rated at 1000 lbs. full drum. The winch provides an average line speed of approximately 25 FPM. The 3" diameter round inner jib pole is dielectrically tested and can be manually pinned in 5 different length positions, for a total of 22" length adjustment. The 4" diameter round outer jib pole is manufactured from FRP but is not dielectrically tested. The jib pole assembly is automatically leveled with the platform and can be hydraulically tilted from -10° to + 86° for a total of 96°.

The jib pole assembly is mounted on an articulating arm. The arm is compensated so the jib pole stays at approximately the same angle relative to the ground as the arm articulates. The arm travels 91°, providing the equivalent to 17.5" horizontal jib pole extension and 20" vertical jib pole extension. The jib and winch assembly can be manually indexed about a vertical axis in one of seven different pin positions. This positions the jib up to 90° to either side of the boom, for a total travel of 180°. The jib and winch assembly can be removed without tools when not needed.

LINE-LIFTING SOCKET: Built as part of the platform support structure, is a vertical line-lifting socket for 3" diameter line-lifting attachments. The socket is automatically leveled with the platform.



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TRUGUARD: This advanced upper controls isolation system provides 4" of electrical isolation from the entire upper controls, including the control dash panel. This system also includes a protective shield which helps prevent environmental and work-related contaminants from making direct contact with the isolating surfaces.

UNITROL FOUR-FUNCTION CONTROL: The 4-Axis controller option is full-pressure control. Located at the platform, the four-axis control consists of a single handle control which, through linkage, actuates the interlock section and four individual boom function valves.

HYDRAULIC PLATFORM ROTATOR: A hydraulic platform rotator, operated by a control lever, rotates the platform 180° from one side of the outer/inner boom assembly, across the end-hung position, to the other side of the outer/inner boom assembly.

HYDRAULIC TOOL CIRCUIT AT THE PLATFORM: This system uses open center hydraulic tools. The tool circuit provides 6-gpm at 2250 psi. A pressure reducing valve in the tool circuit limits the tool pressure. The valve can be adjusted from 1000 to 2500 psi.

HYDRAULIC PLATFORM LEVELING: A master and slave cylinder arrangement automatically levels the platform in all boom positions. This system also provides hydraulic platform tilt to adjust platform level, tilt the platform for clean out, or to ease the removal of an injured operator. The platform tilt can be activated from the upper and lower controls.

OUTRIGGERS: The modified A-frame outriggers are equipped with pilot operated check valves, internal thermal relief valves, pivot feet, and separate controls. Outrigger dimensions vary with chassis application. For a 37 1/4" frame height, the outriggers furnish 125.375" of spread, 8" of penetration, and 18" of ground clearance.

OUTRIGGER/BOOM INTERLOCK SYSTEM: The outrigger/boom interlock system prevents lift operation until the outriggers contact the ground and outrigger retraction before the aerial lift is properly stored.

HYDRAULIC SYSTEM: The open-center hydraulic System operates at 3000 psi at 6-gpm. A 10-micron return-line filter, mounted above the hydraulic oil level and inside the pedestal, can be easily changed without draining the reservoir. The 100 mesh (149 micron) suction strainer in the reservoir can be removed for cleaning. A gate valve, located below the reservoir, prevents oil loss when the pump is serviced. A magnetic drain plug attracts metal particles from the oil.

HOSES AND FITTINGS: The hoses routed through the booms are high pressure and non-conductive with swaged hose end fittings. Retainers separate the hoses inside the booms to prevent chafing and nylon sleeves are installed over hoses at points of movement. Reusable fittings can be installed if a hose is damaged.

CYLINDERS: Both the upper and lower cylinders are a threaded head-cap design. Both cylinders



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are equipped with two integral holding valves to prevent creep down and to lock the booms in position in case of hose failure.

LUBRICATION: Non-lube bearings are used at most points of motion. Only the rotation bearing and extension chain require lubrication.

MASTER CONTROL: The master control energizes the upper and lower control circuits, including engine start/stop and optional two-speed throttle control.

ENGINE START/STOP - The start/stop circuit has been designed so the lift cannot be operated unless the truck ignition switch is in the "RUN" position and the master control is activated. This feature makes it difficult for unauthorized individuals to operate the lift when the truck is locked. An air cylinder at the upper controls and a toggle switch at the pedestal energize this system.

EMERGENCY POWER: An auxiliary hydraulic pump designed to bring the booms down in case the main hydraulic source fails. The emergency hydraulic pump is driven by a DC motor, which is powered by the truck-engine battery. The system is connected in parallel with the main pump and is designed for non-continuous operation. An air cylinder at the upper controls and a toggle switch at the turret are used to energize the system.

SLOPE INDICATORS: Slope indicators are required on Versalift units and supplied by PLREI. Slope indicators shall be installed to indicate the level of rotation bearing relative to the ground.

PAINT: The complete unit is primed and painted before assembly. The standard color is white urethane.

MANUALS: Two Operator's Manuals and two Service Manuals, one Manual of Responsibilities and one EMI Safety Manual are included with each aerial lift.

BODY SPECIFICATIONS

BRAND FX 84DLSW2 FIBERGLASS LINE BODY

(SN: 74314)

Brand FX 132" long x 42" tall x 94" wide fiberglass line body includes the following:

BODY DIMENSIONS:

- Compartment Height: 42"
- Compartment Depth: 20"
- Load Space Width: 54"
- Mounting Height: 23"
- Horizontal Compartment Height: 24"



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BODY MATERIALS & ACCESSORIES:

- 3" Steel Understructure
- Aluminum Treadplate Floor
- Smooth Aluminum Bulkhead
- Stainless Steel Rotary Latches
- Stainless Steel Hardware & Hinges (Type 304)
- Non-Skid Compartment Tops
- Full Length Aluminum Drip Rail
- Aluminum Rock Guards
- One-Piece Molded Doors
- Recessed Door Jambs
- Flow Through Ventilation System
- Master door lock system
- Automotive Bulb Type weather stripping
- Standard Gelcoat (Universal White)

STREET SIDE COMPARTMENTATION:

First Vertical (30.5" Wide x 42" High x 20" Deep)

- Outrigger Cutout (12" Wide x 30" Tall)
- Two adjustable shelves with dividers

2nd Vertical (30.5" Wide x 42" High x 20" Deep)

- Two adjustable shelves with dividers

Horizontal Compartment (40" Wide x 24" High x 20" Deep)

- One adjustable shelf with dividers

Rear Vertical (31" Wide x 42" High x 20" Deep)

- Two adjustable shelves with dividers

CURB SIDE COMPARTMENTATION:

First Vertical (30.5" Wide x 40" High x 20" Deep)

- Two adjustable shelves with dividers

2nd Vertical (30.5" Wide x 40" High x 20" Deep)

- Two adjustable shelves with dividers

Horizontal Compartment (40" Wide x 24" High x 20" Deep)

- One adjustable shelf with dividers

Rear Vertical (40" Wide x 40" High x 20" Deep)

- Locking material swivel hooks, 1-3-1



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PLATFORM EXTENSION:

Aluminum treadplate platform extension (36" Long x 94" Wide)

- Curbside walk-up steps
- Two grab handles mounted on curbside
- One belt type access step mounted on curbside
- 94" Wide 9-Lamp Light Bar installed at rear of platform extension
- Rubber mounted recessed rear lighting kit with harness (Installed)
- Two LED stop/tail/turn lights
- Two LED clear back up lights
- Two LED side clearance lights
- Two LED rear clearance lights
- Three LED light rear center cluster
- Universal harness for above lights

CAB & CHASSIS SPECIFICATIONS

'24 FORD F550SD 4x4 EXTENDED CAB & CHASSIS

(Vin: TBD)

- **Ford 7.3L Gasoline Engine (350 HP & 468 ft/lbs. Torque)**
- Ten-Speed Automatic Transmission (With Overdrive)
- GVWR: 19,500 lbs.
- Front: 7,000 lbs.
- Rear: 14,768 lbs.
- 225 / 70R 19.5 Tires (Front: All Season / Rear: Traction)
- Limited Slip Rear Axle (4.88)
- Cab-To-Axle: 84"
- High-Capacity Trailer Tow Package (Includes Brake Controller)
- Power Equipment Group With Keyless Entry & Remote Start
- Air Conditioning
- XL Chrome Package
- Fog Lamps
- SYNC Stereo (Bluetooth Compatible)
- Rear Back-Up Camera
- Engine Block Heater
- Dash Mounted 110V Outlet (400-Amp)
- Platform Running Boards
- Power Sliding Back Glass With Defrost
- Privacy Glass
- Rapid Heat Supplemental Heater
- Snow Plow Prep Package
- Exterior Painted Oxford White



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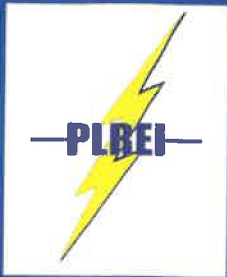
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PLREI INSTALLATION

- Furnish and install Versalift VST-40-MHI sub-frame, outriggers, and aerial device
- Furnish and install Brand FX aerial line body and accessories
- Furnish and install one aluminum diamond plate top mounted toolbox with a lift-up lid and open compartmentation (20" W x 17" T x 48" L). The toolbox is to be mounted on curbside of service body above the rear vertical and horizontal compartments.
- Furnish and install Able 132" aluminum ladder storage rack on streetside of service body
- Furnish and install mounting hardware, power take-off and hydraulic pump drive
- Furnish and install PLREI six-way LED strobe light system. Install four 4.375" flush mounted lights, two within the chassis grill, one on each exterior side of the service body and two recessed 4" round lights within the taillight panel. Strobe lights are to be controlled in unison by utilizing one OEM accessory switch.
- Furnish and install one wireless remote-controlled LED GoLight with permanent mounting on curbside of vehicle. Location of light to be determined during installation.
- Furnish and install 2500-watt pure sine power inverter within curbside second vertical service body compartment. Install one group-31 deep cycle battery in an enclosed battery box, and vent to body exterior. Wire inverter output through 15-AMP circuit panel and install one GFI protected outlet on exterior of curbside rear vertical compartment. Inverter to be activated by master switch located in the cab utilizing one OEM accessory switch.
- Furnish and install trailer towing package to include end of frame connection, ICC bumper, pintle hook, safety chain eyes & trailer socket per customer specification
- Furnish and install PTO Hourmeter
- Furnish and install mud flaps
- Furnish and install back-up alarm
- Furnish and install travel height decal in the cab
- Furnish and install slope indicators
- Paint body components as required
- Paint tread plate flooring with non-skid treatment
- Furnish fire extinguisher, emergency triangle set and first aid kit
- Test ride completed unit for one hour
- Test and certify per ANSI A92.2-2001



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~~\$5,000 non-refundable deposit required to secure purchase.~~ Please sign and return to proceed.

CHASSIS & AERIAL DEVICE PACKAGE:

\$192,251.00 USD

OPTIONS AVAILABLE FOR ADDITIONAL COST CHECK BOX TO ADD OPTION TO ORDER

'24 FORD F550SD 4x4 SUPER CAB CHASSIS (6.7L DIESEL I/L/O 7.3L GAS) +\$9,791.00 ☐

VERSALIFT EXTENDED WARRANTY (TWO TOTAL YEARS OF COVERAGE) +\$1,923.00 ☐

VERSALIFT EXTENDED WARRANTY (THREE TOTAL YEARS OF COVERAGE) +\$4,062.00 ☒

Order Accepted By: _____

Federal ID: _____ Date: _____

Price Valid: 06-14-24

FOB: Roanoke, VA

Delivery: 1st Quarter 2025

(Limited Availability / Subject To Prior Sale)

If you have any questions or concerns, feel free to give me a call. Thanks for the opportunity to quote your equipment needs.

Sincerely,

Tim Kingery
Vice President



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TERMS AND CONDITIONS

- This proposal supersedes any other offered by Power Line Rent-E-Quip, Inc (PLREI)
- In preparation of this proposal, PLREI has made every reasonable attempt to comply with the user's specifications or, where necessary, provided alternative solutions. Purchasers are required to review the specifications detailed in the proposal to verify compliance with their specific needs.
- Power Line Rent-E-Quip, Inc (PLREI) makes every effort to honor pricing from quotation through completion while meeting the delivery commitments we provide. Unfortunately, if a chassis, body, or aerial device manufacturer fails to deliver the bare chassis, body, aerial device, or accessory to our facility, we cannot deliver the finished product. Recent inconsistencies within the marketplace have forced us to include this disclaimer with every proposal:

If a chassis, body, or aerial device manufacturer experience delays in production for any reason, PLREI cannot be held responsible for the delayed completion of the vehicle. Furthermore, if a chassis, body, or aerial device manufacturer assesses a price increase and/or raw material surcharge on their products, PLREI will be forced to pass the associated increase on to the buyer. In the event this becomes necessary, PLREI will notify the client immediately to determine the best course of action.

- Escalation Clause For Materials: This proposal has been calculated based on current prices for component materials. However, the market for steel materials or material shortages that are hereafter specified is volatile, and sudden price increases could occur. PLREI agrees to exhaust our best efforts to obtain the lowest possible prices from available suppliers. However, should there be an increase in the prices of these specified materials that are purchased after execution of a purchase order or signed sales agreement for this unit, the Purchaser agrees to pay that cost increase to the supplier.
- This proposal is valid for 30-days from the date of issuance, unless otherwise specified in the proposal.
- This proposal does not include applicable sales tax, title, or registration fees. If tax exempt, please include a copy of the certificate when the order is placed.
- Terms of payment are Due Upon Receipt unless otherwise specified. Payment must be received in full before the Certificate of Origin (MSO/MCO) can be released. Special credit terms are available and must be established at the time the order is placed.
- Warranties: Goods are sold only with such warranties as may be extended by the manufacturer of the product. WE MAKE NO OTHER WARRANTY AND THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS.