



November 1, 2017

VE Demo

Attention: Mr.

**PROPOSAL NUMBER Q-7180 (B-6905-09)**

Dear Mr. :

We are pleased to present our proposal to furnish and install a **VERSALIFT MODEL SST40EIH** aerial device, with a *Dakota* body, mounted on a *2018 Ford F-550* chassis, in accordance with the following specifications:

**I SST40EIH Basic Standard Equipment, per ANSI 92.2**

- Ground to bottom of platform height: **40-feet – 0-inches.**
- Working height: **45-feet – 0-inches.**
- Horizontal reach: **27-feet – 11-inches.**
- One (1) single man end hung fiberglass bucket platform, **24” x 30” x 42”**, **400 lbs.** capacity, with a molded step on the side of the bucket allowing for easy access in and out of the bucket. The bucket is also equipped with a polyethylene bucket liner and a vinyl bucket cover.
- Fiberglass inner boom, 46 kVAC rated Category C.
- Steel outer boom with a fiberglass insulation section (*Electrogard*) to maintain the insulation gap between the bucket and the boom.
- Fiberglass lower boom insert. *Chassis Insulation System*
- Fiberglass Teflon bearings are used at boom pivot points. Only the rotation bearing requires periodic lubrication.
- Rotation shall be **CONTINUOUS** and **UNRESTRICTED** in either direction and shall be driven by a hydraulic worm and spur gear with a shear-ball rotation bearing with an expanded shaft for manual rotation. An eccentric-ring gearbox mounting allows precise adjustment of the gearbox pinion clearance.
- **TruGuard™** dielectric isolating system with single stick control. All control handles are isolated and tested per ANSI 92.2. The high resistive dielectric system is protected from direct environmental and job related contamination. **TruGuard™** technology incorporates the use of full hydraulic controls with durable metal handles and linkages. (*4-axis control handle*)
- Lower controls have individual levers for each aerial movement and are located above rotation of the aerial. The lower controls also house the override system, which permits the controls at the bucket to be overridden in emergency situations. The override lever must be returned to the upper control position before controls at the bucket can be resumed.

- Full hydraulic open center system. The pump draws oil through a 100 mesh suction strainer that is equipped with a bypass valve and a 10-micron return filter.
- 12-gallon hydraulic reservoir tank mounted in the pedestal with an easy to read fluid level gauge.
- Two (2) Service manuals and two (2) Operations manuals.
- Plunger throttle allows the operator to control the flow advances from the bucket position, when the hydraulic tool outlets are used.
- A master and slave cylinder arrangement control platform leveling. The platform leveling system can be activated from the upper and lower controls to adjust leveling, tilt the platform for clean out, or to ease the removal of an injured operator.
- Hydraulic bucket rotator allows the operator to rotate the bucket a full 180°, 90° in either direction, on an end-hung bucket.
- Hydraulic tool outlets at the bucket (2 studs) providing pressure reducing valves that allow for the hookup of a hydraulic tool at the bucket.
- Auxiliary (*Emergency*) power system provides a 12-volt DC electric motor/hydraulic pump, which operates off of the vehicle battery. The pump can be activated from the bucket by means of a plunger system with a pressure switch located in the pedestal or from the lower controls by means of a toggle switch.
- Start/Stop at the bucket allows the vehicle engine to be started or stopped from the bucket or the lower controls of the aerial device. The system uses a plunger system at the bucket and a toggle switch at the lower controls to activate the system. The start/stop does not affect the dielectric qualities of the unit.

## II BODY

### **Body Dimensions:**

- Body length – 132 inches.
- Body width – 94 inches.
- Compartment height – 40 inches.
- Compartment depth – 20 inches.
- Load space width – 54 inches.

### **Body Floor and Understructure:**

- 3/16" treadplate floor.

### **Accessories:**

- Automotive rotary type door latches.
- Automotive bulb type weather-stripping.
- Wheel chock holders in fender panels.
- Rear composite tailboard assembly.

### **Streetside Compartmentation:**

#### **1<sup>st</sup> Vertical:**

- Two (2) plain shelves with dividers.

#### **2<sup>nd</sup> Vertical:**

- Two (2) plain shelves with dividers.

#### **Horizontal:**

- One (1) shelf with dividers.

#### **Rear Vertical:**

- Two (2) plain shelves with dividers.

#### **Hotstick Box:**

- 132" long streetside with rear dropdown access door.

**Curbside Compartmentation:**

**1<sup>st</sup> Vertical:**

- Two (2) plain shelves with dividers.

**2<sup>nd</sup> Vertical:**

- Two (2) plain shelves with dividers.

**Horizontal:**

- Open.

**Rear Vertical:**

- Two (2) plain shelves with dividers.

**Tailshelf:**

- 3/16" treadplate tailshelf 30" long x 94" wide.

**Grab Handles:**

- Two (2) grab rails on top of tailshelf.

### III CHASSIS

- 2018 Ford F-550 4x2
- Engine: 6.7L Powerstroke Diesel
- Transmission: TorqShift 6-Speed Automatic
- 4.88 Axle Ratio w/ Limited Slip
- GVWR: 19,500 lb Payload Package
- 7,500 lb. Front Axle
- Tires: 225/70Rx1 9.5G BSW Traction Tread Rear
- Wheels: 19.5" Argent Painted Steel
- HD Vinyl 40/20/40 Split Bench Seat
- 169" Wheelbase
- Transmission Power Take-Off
- Trailer Brake Controller
- Upfitter switches
- Platform Running Boards
- Radio: AM/FM Stereo
- Rear Frame Extensions
- Oxford White

### IV ACCESSORIES

- Install aerial device to the chassis. Aerial shall be mounted as far forward as possible.
- Install body to the chassis.
- Furnish and install a LED lighting package and required reflectors for the body.
- Furnish and install a back-up alarm.
- Furnish and install a power distribution system with hourmeter.
- Furnish and install a master control panel into the cab.
- Furnish and install a transmission mounted PTO with a hydraulic pump.
- Furnish and install parking brake interlock system.
- Install all underdeck hydraulic plumbing. (*Hoses and Fittings*)
- Install Evergreen 22 Biodegradable hydraulic oil for the aerial device.
- Furnish and install fittings for tool outlets.
- Fabricate and install a mini subframe assembly.
- Furnish and install front suspension components and rear torsion bars.
- Furnish and install an upper boom rest only.
- Fabricate and install a bucket rest.

- Furnish and install a set of mud flaps.
- Furnish and install a set of rubber wheel chocks.
- Fabricate and install a rear step bumper.
- Furnish and install a post-mounted LED strobe light.
- Furnish and install a 2” pintle hook/ball with D-rings and break-a-way eyebolt.
- Furnish and install pintle hook reinforcement to the chassis’ frame rails.
- Furnish and install a 7-pin trailer socket and wire to brake controller.
- Furnish and install a 5-lb. fire extinguisher with mounting bracket.
- Furnish and install a triangle reflector kit.
- Furnish and install a first aid kit with mounting bracket.
- Furnish and install a manual holder behind the seats in the cab.
- Furnish a safety harness and lanyard.
- Paint strip on inner upper boom for stopping point for inner boom.
- Prep and paint body and aerial device. (*White*)
- Furnish and install Line X to the body floor and tailshelf area.
- Furnish and install warning decals.
- Perform stability test and dielectric test.
- Perform *Versalift East QC* inspection program.

***UNIT PRICE:***

FOB Bethlehem, PA

***Call For Pricing***

We sincerely appreciate the opportunity to present our products to you. We are proud of our reputation for supplying the highest quality products and services and delivering it to our customers in a timely fashion. We look forward to your favorable consideration as your supplier.

**VERSALIFT EAST**

### ***TERMS AND CONDITIONS***

1. This proposal supersedes any other offered by Versalift East.
2. In preparation of this proposal, Versalift East has made every reasonable attempt to comply with the user’s specifications or, where necessary, list alternative choices. Purchasers are required to review this presentation to verify compliance with their equipment.
3. ***Formal delivery will be confirmed once signed specifications and drawings are approved.***

4. Versalift East makes every effort to meet the delivery commitments we provide to our customers. Unfortunately, if a chassis manufacturer fails to deliver the bare chassis to our plant for the installation of our equipment, we cannot deliver a finished product to you, our customer. Recent inconsistencies by some chassis manufacturers have forced us to include this disclaimer in every bid. If a chassis manufacturer halts or delays production for any reason, Versalift East cannot be held responsible.
5. This proposal is valid for 45 days from the date of issuance, unless otherwise specified in the bid documents.
6. All prices are in U.S. dollars.
7. Federal, state, and local taxes are not included in the unit price, unless otherwise specified in the proposal or bid documents. If tax exempt, please include a copy of the certificate when order is placed.
8. If chassis is ordered through Versalift East the chassis payment is due upon receipt of the chassis at Versalift East unless other arrangements are made. If chassis dealer will no longer honor prices quoted due to model year changes or other chassis changes prior to receipt of purchase order, customer is liable for any increase.
9. Terms of payment are net due upon receipt, unless otherwise specified. Special credit terms are available and must be established at the time the order is placed.
10. 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.**