

Mini-Bid #T16090012
NYS Thruway Authority
15,000 GVWR (minimum) Cab and Chassis with a 29' Aerial Platform Vertical Lift

Standard Cab Chassis

CA: As recommended by lift / body installer

Bumper: Front, manufacturer's standard

Engine: 8 cylinder, gas

Alternator: minimum 100 amperes

Transmission: automatic O.D. with heavy duty cooler

Backup Alarm: minimum 107Db constant

Final Drive Ratio: Manufacturers recommended for this application. Gearing must allow engine to operate efficiently when operating at highway speeds of 65 mph.

Radiator/Cooling: Protected to at least minus 30 degrees Fahrenheit with permanent type antifreeze and appropriately marked. Drain cocks shall be furnished in lieu of drain plugs on water drain outlet(s) on radiator.

Air Conditioning: Factory installed.

Brakes and Steering: Power

Wheels: Disc type wheels, single front and dual rear.

Tires: Tubeless radial construction, steel belted or equal. All season tread for the front; mud and snow on the dual rear wheels.

Spare Tire & Wheel: Exact match to those supplied on the rear of the vehicle, mounted on manufacturer's carrier, with jack and lug wrench.

Paint Manufacturer: Dupont
Color Code: AXALTA 224 EB Yellow

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Manufacturer's standard equipment to include but not be limited to the following:

- glove compartment or dual door pockets
- dual sun visors
- dual arm rests adequate for use as grab handle
- dome light
- fresh air ventilation through vehicle HVAC system
- manufacturer's highest output heater with dual defrosters
- electric intermittent windshield wipers with heavy duty transmission
- dual windshield washers with break resistant type reservoir mounted under hood or other approved location
- AM/FM radio
- heavy insulated floor mat with long scuff plates
- Camper style mirrors constructed of plastic or other rust and corrosion resistant materials. Mirrors shall allow an unobstructed view to the rear.
- cab door locks and ignition lock shall be keyed alike
- three-point occupant restraints for both seats
- dual electric horns

Lights, Turn Signals and Reflectors

Three OEM amber cab roof lights or equal shall be centrally mounted on the front crown of the cab roof with standard spacing.

Rear chassis electrical harness must terminate in a waterproof, covered junction box at the rear of the frame, Truck-Lite 50400 or equal. Body and rear truck wiring shall originate from this junction box. Wiring from this box shall not be spliced.

Rotating Light and Amber Flasher Wiring and Switches

Wiring and OEM up-fitter switches shall be included to operate a rotating light and amber warning flashers. These switches shall be illuminated with legends. One legend shall display "Rotating" and the other "Flashing". The "Flashing" light switch shall be wired to an under the hood mounted heavy duty flasher, Truck-Lite 97231 or equal, then to a terminal of the rear chassis junction box. The "Rotating" light switch shall be wired to the rotating lamp(s) installed on the service body

11' Steel Service Body (Open top)

The body shall be for use with dual rear wheels. The body is to have an overall length of 132 ± inches with three compartments on each side. All compartments are to be 18 ± inches deep.

The compartment arrangement shall be: full height vertical compartment in front on each side, each to have two adjustable shelves, low vertical compartment in rear on each side; long horizontal compartment on each side, right side horizontal compartment to have chain supports and a material tray with adjustable partitions, left side horizontal compartment to have two shelves. The complete body, doors and superstructure shall be of hot dipped galvanized steel having an all welded weather tight construction. The floor is to be constructed of 12-gauge ±, nonskid, steel checker plate; floor cross channels of 11 gauge ± cold rolled steel; compartment tops, end panels and sides of 16-gauge ± and compartment doors of 20-gauge ± steel.

All doors are to be of double panel construction incorporating drain through design and shall be equipped with recessed, slam action, locking handles with keyed-alike cylinder locks. Hinges shall be full length, fast-pin type, swinging on bronze castings.

All shelf and bin edges are to be safety rolled.

The body shall include a manufacturer's standard tail gate.

Mud flaps suspended from brackets attached to crossmembers and located behind rear wheels 9" ±.

Body Lights: Flush grommet mounted into the rear panels of the service body shall be LED combination stop, tail and turn signal lights, Truck Lite Model No. 44030R or equal and two LED flush grommet mounted backup lights, Truck Lite Model No. 44180C or equal. These lights shall be wired to the chassis mounted junction box. Flush grommet mounted amber warning lights shall be mounted in the upper rear corners, above the combination lights, Truck Lite 44001Y or equal. These amber lights shall be wired to the chassis mounted junction box terminal connecting the up-fitter "Flashing" light switch. Dual LED amber rotating lamps shall be included (Code 3 model PDB-NY T-WAY). These lamps shall be bolted to pedestals mounted atop the front corners of the

service body compartments or brackets on each side of the lift device. Lights must be visible above the cab roof. The rotating lamps shall be wired directly to the chassis up-fitter switch labeled "Rotating". The lamps shall not interfere with the operation of the platform (exact location to be approved by the Authority prior to installation).

Marker lights shall be LED and wired to the chassis mounted junction box. Attached to the left rear panel of the service body compartments shall be a LED lighted license plate bracket, Truck-Lite 15041 or equal.

A full width tread plate rear step bumper shall be installed at the rear. Bumper shall be designed with a recess to accommodate hitch described below.

A combination ball/pintle type hitch shall be installed on the rear of the truck (Buyers BH-82000 or equal). The hitch shall be attached to fabricated frame work, suitably reinforced to support the rated capacity. The hitch shall be installed so the load bearing surface of the pintle is 18" ± above the ground with no load on the vehicle. Mounted 10" ± from either side of the hitch shall be "D" rings for attaching safety chains. These rings shall not hamper the trailer when making sharp turns. All hitch mounting hardware shall be S.A.E. Grade 8. A decal or label shall be attached within close proximity of the hitch that displays the hitch capacities.

Wiring for the trailer lighting receptacle shall include a standard 7 pin DOT ICC trailer plug connection with boot, (Truck Lite 50868 and 50890 or equal) wired as modified from S.A.E. J560b to provide combination stop/turn. Wiring shall be from the chassis mounted junction box. The plug shall be mounted in a convenient, protected location that will not hamper the trailer or damage the wiring when making sharp turns. All wire connections to trailer plug to be coated with corrosion protection Fluid Film® or equal.

The body shall be mounted on the frame in accordance with the manufacturer's installation instructions. Body to be bolted to frame (rather than welded).

Striping

In addition to the paint specified herein, the tailgate and rear facing panels of the service body shall be striped with alternate 6" diagonal stripes of yellow and black applied from right to left downward at an angle of 45 degrees. The black stripes shall be formed from 3M 690-85 black reflective tape.

Required Body to be: MCB Model: T-132 or equal.

Monroe Custom Utility Bodies, Inc.
3312 N 600 W
Greenfield IN 46140
317-894-8684

Aerial Lift Platform

Lift:

Scissor type assembly shall raise the platform to a height of 29' (minimum)

Lift shall be hydraulically raised/lowered via double acting cylinders.

The overall height, lowered in the travel position, shall not exceed 11'5".

Platform:

Platform shall be a minimum of 60" x 96".

Platform shall have the capability of traversing 60" \pm in both directions.

Platform shall have a tread plate floor with sprayed non-slip surface and a kickplate.

Platform shall have a 42" \pm high permanent-mount rigid metal handrail with an access gate positioned at the rear of the platform in the center. Access gate shall be a minimum of 30" x 42".

An aluminum grip strut stepladder shall be attached at the platform to the platform access gate via the service body load area.

A warning indicator light shall be provided in the event that the vehicle is placed in drive and the platform is fully or partially deployed or not fully retracted.

A safety system shall be provided that will prevent the platform from rising if outriggers are not fully engaged.

Platform control will be electric/hydraulic and weather tight.

Manual hydraulic pump and valve assembly for emergency lowering of the platform, in the event of loss of power, shall be located on the platform.

Weight Capacity:

Non-traversed – 1000 lbs. (minimum)

Traversed – 750 lbs. (minimum)

Stabilizers/Outriggers:

Two independently operated stabilizers mounted between cab and truck body.

Warning light to indicate if stabilizers/outriggers are not fully deployed or retracted.

Stabilizers shall extend straight down within the confines of the width of bed.

Cylinder mounted hydraulic locking valves on both cylinders.

Hydraulics:

Transmission mounted hot shift PTO.

PTO driven hydraulic pump.

Hydraulic Tank with sight/temp gauge combination

Filler Breather Cap w/strainer basket and side magnetic drain plug.

Ten micron return line filter.

Main system relief valve.

12 volt Electric/Hydraulic control valve for all lift platform functions.

Electrical/Hydraulic valve will have sectional adjustable flow controls.

The product listed below appears to meet the requirements. However, this listing does not constitute prior acceptance of any product. Competitive products that meet the requirements will be considered along with those referenced.

Reference: Stamm Model SLT- 29, or equal.

Stamm Manufacturing
4850 Orange Avenue
Fort Pierce FL 34947

Warranty

The contractor of the designated local servicing dealer will be responsible for all warranty claims; this includes all components and subassemblies as provided by the manufacturer at the time of delivery. All components supplied by the contractor shall be included and covered by the basic vehicle warranty. This shall include but not be limited to the following: engines, transmissions, transfer cases, rear drive axles, front drive axles, and steering components. OEM replacements parts are to be new, not remanufactured, unless the

Authority has granted prior approval. The start date for all vehicle and component forms are to be provided with the required motor vehicle paperwork.

Delayed Warranty Start

The start date for each vehicle and component warranty will be the Authority's in-service date. Delayed warranty forms are to be provided with the required motor vehicle paperwork.