



MEMORANDUM

To: Finance Committee

From: Rich Olson, City Manager

Date: April 2, 2013

Re: Consideration – Purchase of Terex Hi-Ranger Bucket Truck

BACKGROUND:

Included in the fiscal year 2012-2013 budget was an appropriation for the purchase of a bucket truck for the Electric Department. The truck is being purchased to replace a 1985 truck, which has experienced increased maintenance expense due to its age. City staff has found a truck that will meet the department's specifications, which was recently purchased by the City of Edmond, Oklahoma. Staff has contacted the City of Edmond to insure that we can piggyback off their bid, which we have determined meets the City's purchasing policy.

ANALYSIS:

City staff would like to purchase a Terex Hi-Ranger HRX33 Bucket Truck. The truck is designed to have a working height of 60 feet and a side reach of 39 feet. The truck has a platform rotator offering 105 degrees of forward rotation. The bucket sits on a M2 106 Conventional Chassis.

Staff has a copy of the detailed truck specifications, which can be reviewed in the City Manager's office. The total cost of the truck is \$184,469.92. The City Council had budgeted \$185,000 for the purchase of the truck.

STAFF RECOMMENDATION:

For the Finance Committee to recommend to the City Council that the purchase of a Terex Hi-Ranger HRX33 Bucket Truck be authorized in the amount of \$184,469.92 utilizing a piggyback bid from the City of Edmond, Oklahoma.

RCO/vdw



PURCHASE ORDER NO.

P1275190

TO RECEIVE PROPER PAYMENT THE ABOVE PO NUMBER MUST APPEAR ON ALL INVOICES, BILLS OF LADING, PACKAGES, CORRESPONDENCE, ETC.

Purchasing Department
 PO Box 2970, Edmond OK 73034-2970
 Phone: (405) 359-4533 Fax: (405) 359-3765
 www.edmondok.com

SHIP TO: CITY OF EDMOND
 FLEET MAINT
 2110 OLD TIMBERS DR.
 EDMOND, OK 73034

VENDOR: TEREX UTILITIES
 12210 COLLECTIONS CENTER DRIVE
 CHICAGO, IL 60693

WARD.BRASSES@TEREXUTILITIES.COM

BILL TO: CITY OF EDMOND
 ACCOUNTS PAYABLE
 PO 2970
 EDMOND, OK 73083

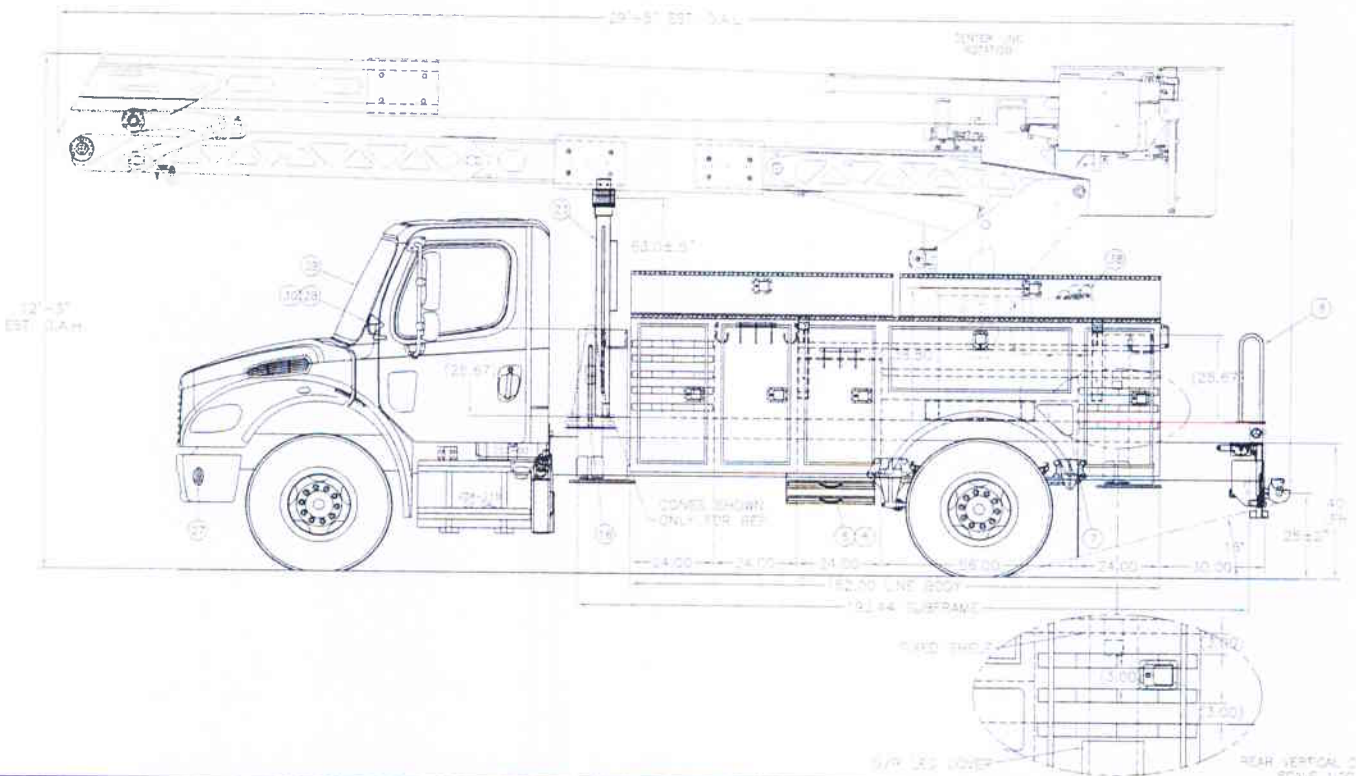
Date 05/31/12	Requisition # R036835	Depart./Approved By MAYERB	Bid # B12-042	Contract #
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QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
182,114		60' OC AERIAL UNIT	1.00	182,114.00
2,882		PLATFORM LIFTER	1.00	2,882.00
-15,000		TRADE ALLOWANCE	1.00	-15,000.00
AS PER BID SPECIFICATIONS APPROVED BY COUNCIL 5/29/12				
TOTAL				169,996.00

ACCOUNT DISTRIBUTION	AMOUNT
653022 8414	169,996.00

Brenda Maye
 Purchasing Manager _____ Date

I hereby certify that the amount of this encumbrance has been entered against the designated appropriation account(s) and that this encumbrance is within the authorized available balance of said appropriation.



 TEREX IN19946	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.	CUSTOMER APPROVAL: I HAVE REVIEWED ALL THE INFORMATION CONTAINED ON THIS DRAWING AND HAVE APPROVED IT AS: <input type="checkbox"/> DRAWN <input type="checkbox"/> NOTED	CUSTOMER: CITY OF EDMOND		
	HEIGHTS AND CLEARANCES ARE ONLY ESTIMATES. ACTUAL WILL BE DICTATED BY CHASSIS FEATURES. PLEASE NOTE ANY CRITICAL DIMENSIONS.	APPROVED BY: _____ DATE: _____	MODEL: HRX55 BOM: 102468-1 TOD: 496670	DRAWN BY: LTL SIM TO: _____ SCALE: 1/40	DATE: 1/31/13 REV: 1-2/14/13 LTL PAGE: 1-3



Quotation

Page 1 of 12

Terex Utilities, Inc.
500 Oakwood Rd, Watertown, SD, 57201
Phone: 605-882-4000 Fax: 605-882-1842

3/18/2013

Quote Number: 9200460

City of Elizabeth City
Elizabeth City, NC
1005 N. Poindexter
Elizabeth City NC 27907

Attention: Karl Clow

Phone: 252-337-6870

Fax: 252-338-2558

Qty.	Description
1	One (1) new Terex Hi-Ranger HRX55 insulated overcenter aerial device providing a working height of 60.3 ft (18.4 m) and a side reach of 39.4 (12.0 m) ft non-overcenter and 48.3 ft (14.7 m) overcenter.

Design Criteria:

* Design criteria is in accordance with current industry and engineering standards applicable and accepted for structural and hydraulic design.

Upper Controls:

* "Control-Plus" single stick controller

* Non-metallic control handle

* Dielectrically tested for limited secondary protection between the valve and handle.

* May provide limited secondary protection for operator depending on condition and cleanliness.

* Not rated for electrical protection, although it may provide limited secondary protection.

* Not intended to replace safe work practices or primary protection such as cover-up and personal protection equipment.

* Enable lever must be actuated before operation.

* Controls lower boom, upper boom and rotation.

Platform Rotation:

* A platform rotator offering 105 degrees of forward rotation is standard.

Engine Two Speed Throttle Control:

* A two speed engine throttle control is provided at the upper controls. The engine shall advance to a pre-set speed when engaged and decrease when it is disengaged.

Platform Leveling:

* Provided by a leveling system utilizing chains and fiberglass rods contained within the upper boom and cylinders at the lower boom. This system meets dielectric requirements per ANSI/SIA A92.2-2009. Platform leveling control is located at the top controls for ease of personnel rescue and platform debris clean out. Hydraulic platform tilt is also located at the lower and upper controls.

Lower Controls:

Qty. Description

* Individual control levers are provided and located in an accessible location on the turntable. The lower controls activate lower boom, upper boom, rotation, and winch control. An upper / lower control selector provides override of platform controls.

Lower Boom:

* Constructed of high strength, rectangular steel tube with a rectangular bi-axial filament wound, high strength fiberglass insert providing an insulation gap of 18 in. The lower boom articulation is from 0 to 110 degrees.

* The lower boom is supported when stored by a padded boom rest.

* Lower boom also includes a padded upper boom rest with a cam type tie down strap.

Upper Boom:

* The aerial device upper boom knuckle is constructed of high strength steel with a rectangular bi-axial filament wound tapered fiberglass boom providing 12 ft. of clear insulation. The aerial device upper boom has an overcenter articulation of 194 degrees.

Pivot Points:

* The support areas at the boom-to-turntable and lower boom-to-upper boom connections are equipped with self-aligning swivel ball bushings for extended life of main pivot pins.

Lower Boom Cylinder:

* Single, threaded end gland design, double acting hydraulic lift cylinder equipped with (2) integral holding valves.

Elbow Cylinder & Linkage Mechanism:

* Single double acting hydraulic elbow cylinder equipped with (2) integral holding valves. Linkage mechanism is of welded steel fabrication utilizing high-strength steel.

Boom Interlock:

* To operate the boom the outriggers must be extended.

Pedestal & Turntable:

* The pedestal is of welded high-strength steel construction and designed with access holes for maintenance of hydraulic plumbing. The pedestal top plate is machined from a single piece of thick plate. The top plate bearing surface is machined after welding to maintain a flat mounting surface for the rotation bearing. The turntable is constructed of steel plates with an offset configuration to provide maximum strength and stability. Steel bottom plate has provisions for attaching outer-race of rotation bearing.

Continuous Unrestricted Rotation:

* A hydraulic rotary manifold provides a rotating oil distribution system for continuous and unrestricted rotation. A minimum 4-channel electric collector ring is also provided. Self-locking worm gear rotation drive is provided and equipped with bi-directional motor. A 7/8 in. hex shaft extension provides manual rotation.

Rotation Bearing:

* The rotation bearing is a heavy duty "shear-ball" bearing with external gear teeth utilizing polished alloy steel balls. Both the inner and outer races are machined from high-strength alloy steel and are heat treated to provide maximum life. High-strength bolts attach the inner and outer races to the pedestal and turntable.

Qty.	Description
	<p>ANSI Rating:</p> <ul style="list-style-type: none">* Aerial device is designed as a Category C machine in accordance with ANSI/SIA A92.2-2009. Aerial device is dielectrically tested and rated for operation up to 46,000 working line voltage per ANSI/SIA A92.2-2009.
	<p>Hydraulic System:</p> <ul style="list-style-type: none">* Full pressure 3000 psi open center hydraulic system. A 35-gallon hydraulic oil reservoir provided with a replaceable cartridge type 10-micron return line filter, a 100-mesh filter screen, baffles, outlet filter screen, clean-out access hole, sight gauge and shut off valve.* Hydraulic hoses are equipped with permanent type hose fittings.
	<p>Miscellaneous:</p> <ul style="list-style-type: none">* All metallic components of the complete aerial device are prime painted. The fiberglass upper boom, lower boom insert, platforms, and covers are white.* Two complete manuals providing operation and maintenance procedures, and a replacement parts listing.* Warning decals are provided with unit.
1	Pedestal.
1	<p>120 Degree Lower Boom Articulation with Ground Access:</p> <ul style="list-style-type: none">* In lieu of standard 110 degree.* Increases non-overcenter side reach: HRX52 to 41.7 ft (12.7 m), HRX55 to 42.9 ft (13.1 m) and HRX60 to 46.7 ft (14.2 m).
1	<p>Platform 24" x 48" x 42":</p> <ul style="list-style-type: none">* One curbside mounted fiberglass platform.* A rated capacity up to 700 lbs.* Includes one (1) outside step with slip-resistant surface.* Two safety harnesses with lanyards.
1	Platform is located on the curbside for over rear axle mounts and on the streetside for behind cab mounts.
1	<p>Insulated Platform Liner For 24" x 48" x 42" Platform:</p> <ul style="list-style-type: none">* Tested at 50 KV AC.
1	<p>Vinyl Foam Filled Platform Cover For 24" x 48" Platform:</p> <ul style="list-style-type: none">* Water resistance with internal elastic cord around edge.
1	<p>Dual Hydraulic Tool Outlet At Platform:</p> <ul style="list-style-type: none">* Accommodate two open center hydraulic tools and cannot be operated simultaneously.* Provides 6-8 gpm and pressure limited to 2250 psi for standard operation of tools with truck engine on low speed.* Quick disconnect HTMA flush face couplers are included.* Tool return back pressure is less than 200 psi with ISO 15 hydraulic oil.
1	<p>Auxiliary Let Down for use with Open Center Hydraulics:</p> <ul style="list-style-type: none">* 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.

Qty.	Description
	Note: This includes a switch for activation at pedestal for electric or air function.
1	Insulated Engine Stop / Start: * Controlled from platform
1	Platform Rest Saddle with a padded rest. * Provides platform support during road travel
1	Terex Chassis Controller (DTS51) 12 volt: *Display Screen - Provides Inputs and Outputs indication for trouble shooting. *Warning screens. *Switch Buttons have LED indicators to show when active. *Recommended for all Class 6 and above Chassis types. *One system for all Chassis Types *Controller programmable for communication with different Chassis manufacturers.
1	2000-lb Hydraulic Articulating Jib And Winch: * Infinite positioning through the 120 degree articulation envelope with 1 - 6 ft. of extension and 4 pinning positions. * Includes a 2000 lb. full drum capacity self-locking worm gear winch complete with 1/2" x 75' load line with swivel hook and latch, and a load chart.
1	Hydraulic Jib Extension Under Load: * Provides two different extension cylinder pinning positions with 18 inches of cylinder travel. * Jib supported two tandem roller sets.. * Reduces jib capacity by 50 lbs.
1	Single Conductor Wire Holder (A.B. Chance): * Designed for lifting and holding up to 1.5 in. single line conductors. * Can be easily exchanged with jib sheave head. * Note: Will not work on underslung jibs.
1	Full length subframe for 120" CA chassis. * Subframe constructed for possum belly application. * Constructed with 6" x 6" x 3/8" wall square tubing with 5/16" thick steel plate.
1	Tie down kit.
1	Extra Heavy Duty A-frame Outriggers: * Hydraulic double acting outriggers including integral holding valves. * 146.7 " spread pin to pin and 158.8 " to outside of pads at 9.3 " penetration and 40 " frame height. * 13 " x 12 " swivel type stabilizer pads.
1	Extra Heavy Duty X-Frame Outriggers: * Hydraulic double acting outriggers including integral holding valves. * 163 " spread pin to pin and 175" to outside of pads at 6.9 " penetration and 40 " frame height. * 13 " x 12 " swivel type stabilizer pads.
1	Controls For 2-Sets Of Outriggers And Auxiliary Tool Outlets (Open center systems): * Recessed at rear of truck each side for ease of view for outrigger placement. * Includes switches and alarm for outrigger in motion alarm.

- | Qty. | Description |
|------|--|
| 1 | Automatic Boom Latch:
* Automatically latches and unlatches boom.
Note: Insulation Gap decreases 12" with use of automatic boom latch. |
| 1 | Pump for systems requiring 14 gallons per minute:
*Fixed displacement vane pump providing 6 gallons per minute at 700 engine rpm and 12 gallons per minute at 1400 engine rpm with a 95% pto. |

UTILITY BODY

- | | |
|---|--|
| 1 | Dakota Bodies Inc
152 inches long x 46 inches high x 96 inches wide |
|---|--|

Body Dimensions:

- 46 Inches - Compartment height
- 18 Inches - Compartment depth
- 60 Inches - Load space width
- 30 Inches - Top of body to the top of the floor
- 24 Inches - Horizontal compartment height
- 6 Inches - Wheel well box height

Body Materials:

- 16 gauge galvanized. - Main body material
- 12 gauge hot rolled treadplate compartment tops with 45 degree drip edge.
 - No rain deflectors installed above doors
- 18 gauge galvanized - Inner door panels
- 18 gauge galvanized - Outer door panels
 - 5/16" Stainless Steel continuous rod - Door Hinge Rod.
 - Brass Door Hinge Sockets installed with Terex P#65336622 and P#65336621 between brass and the body
- 12 gauge hot rolled treadplate - Wheel Panels
- 16 gauge galvanized - Front bulkhead
- 16 gauge galvanized - Shelving & dividers.
 - Installed on Shelf Brackets

Subframe Installation:

- Install customer supplied subframe, with outriggers attached, to body (include tie down kit if necessary).

Body Floor and Understructure:

- Cut out in bed area floor for customer supplied aerial/digger
- 12 gauge hot rolled treadplate with a minimum of 1" bend on each sidepack - Floor
- 6" x 1/4" Steel Flat frame.

Accessories:

- Automotive rotary type door latches. (Standard)
- Chain stops on all doors.
 - Horizontal doors to drop down to 45 degrees
- VISTA rope light (3/8" Incandescent 1" on center) compartment lights in all body compartments.

Qty. Description

- Does NOT include boxes
- Each compartment to have Two (2) pigtail connectors
- Rubber rolled crown type fenders. (Shipped Loose - NO cutouts)
- Automotive Bulb Type Weatherstripping - Shipped Loose
- Master door lock system.

Paint:

- Prime Paint Complete (Sherwin Williams E2A933) 2 to 3 mil. Dry
- Finish Paint Bulkhead & Front Jacklegs WHITE Sherwin Williams 2 to 3 mil. Dry

Streetside Compartmentation

1st Vertical:

24" Wide x 46" High x 18" Deep

- Five (5) adjustable shelves each with Four (4) adjustable dividers

2nd Vertical:

24" Wide x 46" High x 18" Deep

- Five (5) 3/8" round stock fixed material hooks 1-3-1 installed on adjustable shelf strip
- Hooks are to be powder coated silver

3rd Vertical:

24" Wide x 46" High x 18" Deep

- One (1) 3/8" rod installed below hotstick shelf
- Three (3) 3/8" round stock fixed material hooks 0-3-0 installed behind rod

Horizontal Compartment:

56" Wide x 24" High x 18" Deep

- Open compartment below hotstick shelf

Rear Vertical:

24" Wide x 46" High x 18" Deep

- Three (3) adjustable shelves each with Four (4) adjustable dividers

Hotstick Shelf:

104 Inch long shelf installed on the streetside from the rear of 2nd vertical to rear of body with a rear dropdown access door.

- Automotive rotary type door latches. (Standard)
 - Automotive Bulb Type Weatherstripping- Shipped loose
- Two (2) Poly coated hotstick brackets.

Streetside Top Mounted Box #1: (Ship Loose)

75" long X 12" high X 18" wide 16 gauge galvanneal box with 12 gauge hot rolled treadplate top with

One (1) lift up lid with chain stops

- One (1) Tool box style paddle latch
- Flat weatherstrip installed around top opening - Shipped loose
- Terex P#101317 spacers installed on bottom of box.

Streetside Top Mounted Box #2: (Ship Loose)

75" long X 12" high X 18" wide 16 gauge galvanneal box with

- Qty. Description**
12 gauge hot rolled treadplate top with
One (1) lift up lid with chain stops
- One (1) Tool box style paddle latch
- Flat weatherstrip installed around top opening - Shipped loose
One (1) 18 gauge double panel drop down rear access door.
- Automotive rotary type door latches. (Standard)
- Chain stops on drop down door held at 45 degrees
- Automotive Bulb Type Weatherstripping - Shipped Loose
- Terex P#101317 spacers installed on bottom of box.

Curbside Compartmentation

1st Vertical:

24" Wide x 46" High x 18" Deep

- Five (5) 3/8" round stock fixed material hooks 1-3-1 installed on adjustable shelf strip
- Hooks are to be powder coated silver

Curb Side Access 24" Wide

Hinged Treadplate access steps to bed area with battery storage underneath (11" H x 13" D min ID)
- To have a 5/8" gap from the treadplate on each side

One(1) Small Zinc slam style paddle latch.

Two (2) Gas assist door openers.

- Back to be removable and bolt on with Two (2) vents - One at top and one at bottom centered

Two (2) grabhandles at the side access of the body.

One (1) cable type access step under the side access steps. (Ship loose)

- Removable treated wood tailgate 4" high installed at top of access step

3rd Vertical:

24" Wide x 46" High x 18" Deep

- One (1) plain fixed shelf installed 10" from top of compartment
- Five (5) 3/8" round stock fixed material hooks 1-3-1 installed on adjustable shelf strip
- Hooks are to be powder coated silver

Horizontal Compartment:

56" Wide x 24" High x 18" Deep

- Two (2) fixed shelves each with Seven (7) adjustable dividers

Rear Vertical:

24" Wide x 46" High x 18" Deep

- Three (3) adjustable shelves each with Four (4) adjustable dividers

Curbside Top Mounted Box #1: (Ship Loose)

76" long X 12" high X 18" wide 16 gauge galvanneal box with
12 gauge hot rolled treadplate top with

One (1) lift up lid with chain stops

- One (1) Tool box style paddle latch
- Flat weatherstrip installed around top opening - Shipped loose
- Terex P#101317 spacers installed on bottom of box.

Curbside Top Mounted Box #2: (Ship Loose)

24" long X 12" high X 18" wide 16 gauge galvanneal box with

- Qty. Description**
12 gauge hot rolled treadplate top with
One (1) lift up lid with chain stops
- One (1) Tool box style paddle latch
- Flat weatherstrip installed around top opening - Shipped loose
- Terex P#101317 spacers installed on bottom of box.
- Tailgate:
- Removable treated wood tailgate 6" high X full width of bed area installed at rear of load space.
- Tailshelf:
- 12 Ga. treadplate tailshelf 30 inches long X 94 inches wide x 6 inches high.
6 Inch structural steel channel full frame.
- Angled side skirts to bottom of body - 12 gauge galvanized SMOOTH.
- Tailshelf Rear Lighting:
- 94" Wide 7-Lamp light bar installed at rear of tailshelf NO LIGHTS
- To be built per Terex 101181 design
- Wheel Chock Storage:
- One (1) built into body fender panel on streetside and curbside in FRONT of wheel.
- To be built per P#102170 and installed 1/2" forward and rear of cutout
- Ladder Storage: (Ship Loose)
- 16 Ga. Open end ladder box 152" long X 24" high X 8" ID wide with rubber coated rear roller
- Expanded metal headache rack
55" wide x 20" High #9 x 1 1/2" flat expanded metal with a
- Constructed out of square tubing and expanded metal

INSTALLATION & ACCESSORIES

- 1 Install Aerial Device Over Rear Axle And Install All Associated Components:
* Final test and inspect completed unit including stability and dielectric testing per manufacturers requirements and ANSI/SIA A92.2-2009.
- 1 Hose and fittings to connect the hydraulic system from the oil reservoir to the pump and unit.
- 1 Platform rest, bottom base
- 1 Power take off with indicator light for automatic transmission.
- 1 Back-up alarm to sound when the vehicle is shifted into reverse.
- 1 DOT Inspection.
- 1 Set chassis parameters.
- 4 Laminated wood outrigger pad 24" x 24" x 2-1/4" with rope handle.
* Includes outrigger pad storage.

Qty.	Description
4	Rubber wheel chocks with eye bolt.
1	Vise bracket that fits vertical in a pocket, removable.
2	Cable type gripstrut stirrup step.
1	Rigid stirrup step mounted on side access for ground to body access.
1	Access step mounted on floor of the body to access the top of body compartment.
1	Access steps to platform from top of body or flatbed floor.
1	One pair of mud flaps with logo 30" tall. Note: Trim As-Required.
1	Under body mounting kit for a pair of mud flaps.
1	Hannay spring rewind grounding reel.
1	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. * Three point grounding system for grounding vehicle during work operations. * Cable must be fully removed from bracket before use. NOTE! Purchaser to verify this meets their company's requirements for fault current.
1	Transformer storage bracket.
1	Boom rest for Aerial, H-frame style weldment used on X-frame outriggers, 42" wide.
1	Peterson LED 7-lamp DOT Lighting Package: * Complies with FMVSS 108 * Includes required lights, junction box and wiring harness. * Note: Back-up lights are incandescent.
1	Lighted license plate bracket kit. * Light is incandescent.
1	Whelen 4 corner LED, Amber Strobe Light Kit with 4" grommets. *Wired into On/Off switch in cab.
2	Amber strobe light with 4" tall & 6" dia. lens, and branch guard.
1	Dimensions 2400N inverter, 2400W continuous, 120VAC, Up to 20A.
2	Strobe mounting bracket weldment.
2	Unity 325 cab door post mounted halogen spotlight.
2	Remote engine stop / start or two-speed control from rear of vehicle.

Qty.	Description
1	15 ton pintle hook: * Safety chain eyes. * Chassis frame reinforcements.
1	ICC rear bumper.
1	6-prong trailer socket.
1	Oil tank mounting for external reservoirs.
1	Fill with Hydraulic oil for general purpose use. * Refer to the product maintenance manual for specific type to be used.
1	Safety Kit consists of the following: *5-lb ABC fire extinguisher with bracket. *James King triangle reflector kit.
1	Paint line body one color up to 156". *Note - Paint under carriage black.
1	Paint TCX/HRX/SCM/OM/XM/XML/RM aerial device one color.
1	Paint body floor with non-skid paint.
1	Paint compartment top with non-skid paint.
1	Undercoat body.
1	CHASSIS M2 106 CONVENTIONAL CHASSIS SET BACK AXLE - TRUCK CUM ISB 6.7-250 250 HP @ 2300 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION MS-21-14X 21,000# R-SERIES SINGLE REAR AXLE 23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER DETROIT DA-F-13.3-3 13,300# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE 13,300# TAPERLEAF FRONT SUSPENSION 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB 4800MM (189 INCH) WHEELBASE 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI 2550MM (100 INCH) REAR FRAME OVERHANG
1	Delivery

Total:

\$186,664.92

**Quotation
9200460**

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Options:

	Add	
Trade in for 1986 GMC Top Kick, with MTI Holan * Vin - 1GDM7D1Y8GY526331 *Unit SN - 86-24849	(\$4,000.00)	
Hydraulic Platform Lifter: * Provides 24" of vertical platform lift. * For side mount platform.	\$2,572.00	Omit
Mini-Check Couplers: * Equipped with 11 test ports to facilitate hydraulic system pressure checks. * Used in conjunction with hydraulic test kit.	\$638.00	
Hydraulic Test Kit: * Connects to mini-check couplers in order to facilitate hydraulic system pressure checks. * Includes high and low pressure gauges, hoses, and mating connectors. * Must be used with mini-check couplers.	\$453.00	
Boom Stow Protection System: * Protects against damage from excessive down pressure of the lower boom by cutting off oil supply to the lower boom function. *Requires an additional 2 channel collector ring.	\$653.00	
Lower Boom Material Handling Lift Eye: * Maximum capacity of 1000 lbs.	\$61.00	

Notes:

1. Prices are FCA Shipping point, delivery prepaid and included.
2. Prices exclude any applicable taxes or license fees.
3. If Federal Excise Tax has not been included, you could still be responsible unless a current exemption/resale certificate must be on file or provided with purchase order for tax exempt sale. Federal Excise Tax will be added if certificate is not supplied with order.
4. Terms: Net 10 days with pre-approved credit.
5. Chassis pricing is based upon current model year production availability. Any Federal mandated costs, such as 2010 emission requirements, will be passed on at cost.
6. Chassis payment is due upon chassis receipt at our facility.
7. Quotation good for 30 days. Contact us for a possible extension if required.
8. It is vital that we build your new unit(s) to the specifications and approved drawings as required to meet your expectations. Once the final drawings are approved and the unit(s) are in production, any changes made will result in delays and cost not only to Terex Utilities, Inc. but to you our customer. Please avoid or minimize any changes possible during our production process. Note: change orders will be billed at our "Premium Rates".
9. The following items must be considered by the purchaser if not already included: Back-up Alarm \$150.00; Strobe Light \$525.00; Wheel Chocks \$110.00; Outrigger Pads \$200.00 to \$650.00 (based on pad size & type); Truck Grounding Cable \$550.00; Barricade Kit \$895.00; Hydraulic Over Load Protection (derrick

- only, price will vary based on final option selection); Boom / Boom Stow Interlock \$700.00; Engine Stop / Start \$200.00 to \$795.00 (based on unit model); Auxiliary Let Down \$1500.00; and Platform Liner \$380.00 to \$625.00 (based on platform size).
10. Delivery from receipt of order shall generally be 270-330 days, provided, that (1) the chassis is received by Seller a minimum of 90 days prior to scheduled delivery, (2) drawings are sent timely and the approved drawings are returned to Seller by requested date, (3) vendor supplied chassis are order timely and suppliers delivery schedules will meet the customers delivery date or customer supplied accessories are received by Seller by the date necessary to comply with scheduled delivery. Terex Utilities, Inc. 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, Terex Utilities, Inc. cannot be held responsible.
 11. Chassis requires clean frame rails, side and top. Relocation of chassis components, to facilitate equipment installation, will be in addition to above quoted price.
 12. Trade-in conditions:
 - a. Trade-in becomes a part of this contract with acceptance of this quotation unless otherwise agreed.
 - b. Trade-in shall be maintained in a condition consistent with that at time of bid. Normal wear and tear is expected. Vehicle must meet all DOT requirements at time of delivery including but not limited to: tires, brakes, lighting, glass, etc.
 - c. All accessories shall remain with unit unless agreed upon at time of evaluation.
 - d. Trade-in, title and unit operation, maintenance, and parts manual shall be transferred at time of new unit delivery.
 - e. We reserve the right to adjust our trade-in allowance if these conditions are not met.
 - f. You hereby warrant to Terex that: (a) You have the right, power, and authority to sell the trade-in; (b) the trade-in is free and clear of all liens, encumbrances, and any claims of third parties; (c) good title to the trade-in will pass to Terex; and (d) all information you have provided related to the trade-in is true and correct.
 13. Terex South Dakota, Inc. is ISO 9001:2000 Certified.
 14. Upon receipt of your purchase order, Terex Utilities, Inc. will send you a standard Terex Utilities, Inc. Sales Order Acknowledgement with standard Terms and Conditions of Sale which shall govern the transaction. The standard Terex Utilities, Inc. Sales Order Acknowledgement allows Terex Utilities, Inc. to confirm receipt of your order and must be returned to Terex Utilities, Inc. signed in order for Terex Utilities, Inc. to schedule your order for production and delivery."

Terex Utilities, Inc.

Tyler Walford– Sales Coordinator

Account Manager –Curtis Schools

Accepted By:

PO Number: _____

Date: _____