



CITY OF CONCORD
CONCORD, NORTH CAROLINA

FOR

BID# 2222
ELECTRIC UTILITY LINE TRUCK

FOR

ELECTRIC DEPARTMENT

ANNOUNCED DATE: WEDNESDAY, AUGUST 28, 2013

DUE DATE: THURSDAY, SEPTEMBER 19, 2013

TIME: 2:00 PM
IN CONFERENCE ROOM C
ALFRED M. BROWN OPERATIONS CENTER
850 WARREN C. COLEMAN BOULEVARD
P.O. BOX 308
CONCORD, NC 28025

REQUEST FOR BID

The City of Concord will receive sealed bids, on Thursday, September 19, 2013 at 2:00 PM, in Conference Room C, Alfred M. Brown Operations Center, 850 Warren C. Coleman Boulevard, Concord, North Carolina 28025. Said proposals will be publicly opened and read for:

BID# 2222 ELECTRIC UTILITY LINE TRUCK

Copies of the specifications if not included in the bid can be obtained by contacting the Purchasing Department, Alfred M. Brown Operations Center, 850 Warren C. Coleman Blvd., P.O. Box 308, Concord, N.C. 28025. Telephone # 704-920-5441, Fax # 704-785-8856.

NC General Statutes, including G.S. §143-129, and the city of Concord, NC General Specifications and Instructions to bidders will govern the RFP and award of the contract.

The City of Concord reserves the right to reject any or all bids.

Sid Talbert
Purchasing Manager
City of Concord, N.C.

In accordance with state law (G.S. 143.129), the award shall be made to the lowest responsible, responsive bidder, taking into consideration quality, performance, the time specified in the bid. Prices should be quoted for each line as well as a price for the total award.

Each bid must be submitted in a sealed envelope, so marked as to indicate its contents when being opened. **All bids should be marked BID #2222 ELECTRIC UTILITY LINE TRUCK**

An authorized official of the firm must sign the bid.

The vendor will be required to submit a written request for payment. Payment will depend on projected delivery date stated in the bid for items and certified acceptable by Bob Pate – Electric Director, for City of Concord, P.O. Box 308, Concord, North Carolina 28025. Telephone# 704-920-5301. Questions concerning bid requirements or specifications should be directed to the Purchasing Manager, Alfred M. Brown Operations Center, 850 Warren C. Coleman Boulevard, P.O. Box 308, Concord, NC 28025. Any changes in specifications will be in writing in form of an addendum and furnished to all bidders. Verbal information obtained otherwise will not be considered in the awarding of bids. No changes to specifications will be permitted within (5) days to the bid opening.

Instructions for preparation and submission of a bid/proposal are contained in the attached packet. Please note that specific forms for submission may be required. Any changes to the conditions and specifications must be in the form of a written addendum to be valid; therefore, the Purchasing Department will issue a written addendum to document on all approved changes. Any bid submitted which does not acknowledge the receipt of an issued addendum will not be considered. Bidders should have no contact with elected officials or appointed officials except the Purchasing Manager during the bidding process. Any such contact will subject bidders to immediate disqualification. Questions regarding specifications should be directed to the Purchasing Manager. A bid proposal from your firm will be appreciated.

Bid Proposal

City of Concord
P.O. Box 308
Concord, North Carolina

Gentlemen/Ladies:

The undersigned, as bidder, hereby declares the proposal is made without connection with any other person, company, or parties making a similar bid or proposal, and that it is in all respects fair and in good faith without collusion or fraud. The Bidder has carefully examined the annexed form of the specifications and instructions to the bidder and hereby declares that he will furnish the material called for in a manner prescribed in the specifications and instructions to bidders for the following prices listed.

EQUIPMENT PRICE _____

INSTALLATION PRICE _____

TOTAL PRICE _____

DELIVERY DATE _____

COMPANY NAME _____

AUTHORIZED SIGNATURE _____

TYPE NAME AND TITLE _____

FEDERAL ID # _____

NC CONTRACTORS LICENSE # _____

TELEPHONE # _____

Note:
This signature page must be signed for your bid to be valid.

GENERAL SPECIFICATIONS & INSTRUCTIONS TO BIDDERS

Scope

It is the intent of this bid invitation to obtain proposals for supplying the materials, supplies and/or equipment listed on the Proposal Sheet. You are requested to submit your bid on the enclosed Proposal Sheet and return the entire sealed package to Sid Talbert, Purchasing Manager, City of Concord (hereinafter "City"), PO Box 308, Concord, NC 28026-0308 no later than the time specified in the bid advertisement. Bidders will be required to comply with all applicable statutes, regulations, and local ordinances, ect. And those attached to and made a part of the proposal.

Marking of Bid Envelopes

Bids must be contained in a sealed envelope, plainly marked, showing the bid name, bid number, date, time for opening bids and the bidder's name.

Late Bids Not Considered

Bids received after the stipulated bid opening date and time will not be considered.

Compliance With Specifications

Your bid must be in strict compliance with the specifications and offer the same or equal equipment. Exceptions are to be listed separately in a letter that will become a part of your proposal; otherwise, it is fully understood that the equipment offered is exactly as specified. The City reserves the right to allow or disallow minor deviations from the specifications in order to purchase what is best for the City from a standpoint of quality, price and service to be rendered.

Standard Equipment

To protect the interest of the City, the bidder guarantees that the equipment bid is standard equipment with parts regularly used for equipment offered. There must be no parts or attachments substituted or applied contrary to the manufacturer's recommendations and standards unless expressly called for in the specifications.

Warranty

In submitting a bid, the bidder warrants that all goods furnished shall be free from all defects and shall conform in all respects to the Technical Specifications established herein. Unless otherwise specified, all items shall be guaranteed for a minimum of one (1) year against defects in material and workmanship. At any time during that period, if a defect should occur in any item, that item shall be repaired or replaced by the seller at no cost to the buyer except where it can be shown that the defect was caused by misuse. The bidder expressly warrants that all items bid are fit and sufficient for their intended purpose. If the specifications contain a statement of the particular

City of Concord North Carolina General Specifications and Instructions to Bidders.

purpose for which the goods will be used, the goods offered by bidder shall be fit for this purpose.

Shipping

All prices are to be quoted f.o.b. Concord N.C. delivered unless otherwise specified. Risk of loss and/or damage shall be upon the seller until such time as the goods have been physically delivered and accepted by the buyer.

Unit Prices to Prevail

Prices shall be submitted on per unit basis by line item. In the event of a disparity between the unit price and the extended price, the unit price shall prevail.

Bid Price Corrections

All prices and notations shall be written in ink or typed. Changes or corrections made on the bid form must be initialed by the individual signing the bid. No corrections will be permitted once bids have been opened.

Withdrawal of Bids

Bids may be withdrawn at any time prior to the time specified for the bid opening upon written or personal request of the bidder. No bid may be withdrawn for a period of sixty (60) days after the scheduled bid opening time and date. Negligence on the part of the bidder shall not constitute a right to withdraw the bid subsequent to such bid opening.

Use of Brand Names and References

Unless otherwise stated, the use of manufacturer's names and product numbers are for descriptive purposes and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish; otherwise it is fully understood that they shall furnish all items as stated.

Alternate Bids

Bid submitted as alternate which do not meet or exceed the minimum specifications shall be rejected except that minor deviations may be acceptable. The City shall be the sole judge of what is considered a minor deviation.

Time For Delivery

The time for delivery must be stated in calendar days on the Proposal Sheet and may be a factor in making awards, price notwithstanding.

City of Concord North Carolina General Specifications and Instructions to Bidders.

Rejection of Bids

The City reserves the right to reject any and all bids.

Bonds

A 5% bid bond is waived for the purchases of apparatus, supplies, materials or equipment as stated in the cover section. A 100% performance bond is also waived.

Award

Award shall be made to the lowest responsible, responsive bidder, taking into consideration quality, performance, time specified in the bids for the performance of the contract.

Brochures and Literature

The proposal must be accompanied by descriptive literature marked, indicating the exact item(s) bid upon. The term "as specified" will not be acceptable.

Addendums

The City shall not be responsible for any oral instructions made by its employees or officers of the City with regard to bidding instructions, drawings, specifications or contract documents. Any changes to the specifications will be in the form of an Addendum, which will be mailed to all bidders who are listed with the Purchasing Department as having received the invitation or any other bidder who requests an Addendum.

Responsibility of Compliance With Legal Requirements

The bidder's products, service and facilities shall be in full compliance with any and all applicable state, federal, local, environmental and safety laws, regulations, ordinances and standards, or any standard adopted by nationally recognized testing facilities regardless of whether or not they are referred to in the invitation.

Taxes

The City of Concord is subject to 7% N.C. Sales & Use tax. Tax will not be shown on the proposal; however, invoices will indicate all applicable sales tax. The city is exempt from Federal Excise Tax and will provide a Federal Exemption number.

Terms and Conditions

Payment will be made by the City in full for all equipment delivered as soon after complete delivery and receipt of a correct invoice as can be processed in accordance with these specifications.

City of Concord North Carolina General Specifications and Instructions to Bidders.

Any company submitting a "No Bid" response to a bid invitation should clearly mark the outside of the envelope.

Terms and Conditions attached to the bid by the bidder and made a condition of purchase may render the bid non-responsive and may be rejected by the City.

Terms and Conditions included herein are an integral part of the bid document and shall prevail, unless changes or attachments are agreed to and initialed by the City prior to the bid opening.

Introduction in Use of Goods: Demonstration

A demonstration may be required of the goods bid upon. The demonstration shall be at no cost to the City. If the bidder cannot make a demonstration within twenty days of the request, his or her bid may be rejected. Performance of the equipment at the demonstration must be made with the exact equipment offered in the bid and may be completed at the same time as competitive demonstrations.

Trade-ins

Goods listed for trade-in, if any, may be examined after contacting the Purchasing Department. Goods listed for trade-in are represented "as is" and "where is". Such goods will be released to the successful bidder after receipt of the new equipment and in the same condition as when examined, excepting normal wear and tear.

The City reserves the right to retain goods listed as trade-in if it is deemed to be in the best interest to do so.

Training/Safety

When requested or required, a factory-trained representative shall be present at the time of delivery to train City personnel in the use of and/or safety aspect of the equipment or chemical. The factory representative shall effectively train the City personnel in all aspects, including assembly, disassembly, operating procedures, safety and any other training necessary for its safe and effective use. Items received without sufficient training when requested will be set aside and payment withheld until sufficient training can be completed.

Training shall include OSHA related training in the handling of hazardous materials.

MSDS sheets must be sent with each order. Failure to provide MSDS sheets prior to or at the time of delivery will result in withholding payment until such sheets are received.

Service

City of Concord North Carolina General Specifications and Instructions to Bidders.

All vehicles furnished under a bid shall receive without additional cost whatsoever the usual check-up, guarantees and adjustment identical to that which is normally furnished on vehicles sold to the general public.

Manuals

One parts, one service, and one operators manual shall be furnished with each type vehicle delivered if applicable to this bid.

Bankruptcy

Successful bidders shall execute a contract that contains the following language:

If any bankruptcy or insolvency proceedings are commenced against the contractor
And are not dismissed within thirty (30) days after service of such proceeding on the
Contractor, or if the contractor shall file petition in bankruptcy or for reorganization or
To effect a plan or other arrangement with creditors, or be adjudicated bankrupt or make an assignment for
the benefit of creditors, or be dissolved or liquidated, or shall
Admit in writing its inability to pay its debts generally as they become due, or a receiver, trustee or
liquidator of the contractor or of all or substantially all of the property of the contractor is appointed in any
proceeding brought by the contractor, or if any such receiver, trustee, or liquidator is appointed in any
proceeding against the contractor, and any such receiver, trustee or liquidator is not discharged within (30)
days after service of such appointment on the contractor, this agreement shall be null and void.

W-9 Form

Prior to the first payment by the City under any contract awarded to the successful bidder, the successful bidder shall submit a complete and accurate W-9 form to the Purchasing Manager.

Dissolution of Corporate Status

Successful bidders shall execute a contract that contains the following language:

Failure to register the agent of the corporation or other business entity, if any, with the N.C.
Secretary of State or voluntary, judicial or administrative dissolution of the corporation or other
business entity shall automatically terminate this contract or agreement unless the bidder or
contractor notifies the City of Concord in writing within 72 hours of the dissolution or failure to
register the agent and makes satisfactory arrangements and/or guarantees with the City
Purchasing Officer and City Attorney to fulfill the contractors obligations under the contract or
agreement.

Concord NC Licenses and Taxes

City of Concord North Carolina General Specifications and Instructions to Bidders.

ALL BIDDERS SHOULD BE IN COMPLIANCE WITH THE CITY OF CONCORD PRIVILEGE LICENSE TAX ORDINANCE AND AWARD OF BID WILL BE CONTINGENT UPON RECEIPT OF COPY OF LICENSE.

It is the intent of the City of Concord to issue purchase orders for the bid items to cover the Fiscal Year July 1, 2013 to June 30, 2014. Quantities are estimates only and the City reserves the right to purchase more or less for the entire fiscal year and extend pricing if mutually agreed upon with the vendor and the City of Concord.

**MINIMUM SPECIFICATIONS FOR
CENTER MOUNT DERRICK AND LINE CONSTRUCTION BODY**

It is the intent of the following specifications to set up minimum requirements for a center mounted behind the cab digger derrick with an all steel line body. These specifications must be considered as minimum requirements. Each bid should include a complete description and specifications of equipment you propose to furnish. All bidders must complete the compliance or non-compliance section. If a noncompliance is noted the bidder must reply with a written exception to the specification. Failure to respond or to clearly show all exceptions will be grounds for rejection of your proposal. The finished unit shall meet or exceed current industry and engineering safety standards. This unit to be completely tested and mounted on a cab and chassis with a cab to axle dimension of 120 ". To be mounted on cab and chassis provided by the City of _____. Wheel Base/CA: 188" / 120 ".

DESCRIPTION

**Compliance
Non-Compliance**

DERRICK SPECIFICATIONS:

A completely hydraulically actuated boom package. Designed for center mounting directly behind the cab, mounted directly to chassis frame through a full length tubular steel subframe. Completely tested and installed on chassis having a cab to axle dimension of approximately 120 ". _____

Detailed specifications of all items included in a standard basic derrick are as follows:

RATED CAPACITIES:

Capacity at 10 ft. radius with all sections retracted including all derrick equipment and accessories shall be 12,300 lbs. _____

A custom load chart showing actual derrick capacities with all options installed at given radius and degree shall be provided with the derrick. _____

Maximum rated lifting capacity 26,500 lbs. at 80 degrees. _____

Bidder to indicate in the proper spaces below the actual boom ratings of this unit with all required options installed.

<u>Fully Retracted</u>		<u>2nd Section Extended</u>		<u>2nd & 3rd Sections Extended</u>	
Min. sheave height 26 '		Min. sheave height 35 '		Min. sheave height 45 '	
Radius		Radius		Radius	
Ft.	Capacity	Ft.	Capacity	Ft.	Capacity
10	_____	10	_____	10	_____

DERRICK SPECIFICATIONS
continued

DESCRIPTION

Compliance
Non-Compliance

These capacities are to include digger motor, 18" auger, tilt pole plumber, hydraulic third stage and manual fourth stage and all other related derrick accessories.

Derrick must comply with ANSI A10.31-1987 Section Three Load Capacity definition, which takes into consideration completed unit stability for all final readings.

Load Radius

Minimum 25 ft. with second section extended.

Minimum 35 ft. with third section extended.

Minimum 49 ft. with manual fourth section extended.

Boom Elevation

Shall be from +80 degrees to -20 degrees

Sheave Height

Minimum 35 ft. with second section extended.

Minimum 45 ft. with third section extended.

Minimum 49 ft. with manual fourth section extended.

Digging Radius

Boom at 0-degrees shall be from 15 ft. to 24 ft.

Lift Cylinders

Dual lift cylinder(s), hydraulic acting, chrome plated rod(s), and Equipped with integral holding valves.

Derrick Tower

All welded construction of high strength steel with access holes for maintenance of hydraulic plumbing.

Turret

Fabricated construction of heavy steel plate. Geometrically designed and structured to provide for maximum strength and lift efficiency.

Shall be welded steel fabrication with offset configuration.

DERRICK SPECIFICATIONS

continued

DESCRIPTION	Compliance <u>Non-Compliance</u>
Self-aligning steel swivel ball bushings utilized in each side plate for mounting the main boom section.	<hr/>
<u>Rotation Bearing</u>	
A long life "Shear ball" rotation bearing minimum 24" designed for use on digger derricks shall be provided.	<hr/>
<u>Rotation Drive</u>	
Continuous, heavy-duty worm gear drive with hydraulic overload protection for rotation. Protects rotation system by stopping the function which causes excess side load on rotation system. The system leaves operational those functions necessary to relieve overload condition while holding the load until the situation is corrected.	<hr/>
<u>Hydraulic Oil Reservoir</u>	
A 50 gallon hydraulic oil reservoir shall be provided and located in the cargo area and include a 100 mesh filter screen, baffles, outlets filter screen, 10 micron cartridge type return line filter, clean-out access hole and dipstick.	<hr/>
<u>Hose and Fittings</u>	
All hoses to have a 4 - to - 1 bursting factor and to be at least two-wire constructed.	<hr/>
<u>Boom Assembly</u>	
Main fabricated box boom, constructed of high-strength steel designed to store hydraulically extended second boom shall be provided.	<hr/>
<u>Second Section</u>	
Fabricated box boom, constructed of high-strength steel. Hydraulically extended in and out by a double-acting cylinder. The hydraulic extension cylinder shall be equipped with integral holding valves on both extend and retract ports.	<hr/>
<u>Tilt Pole Plumber</u>	
A tilt pole plumber, attached at the second stage, shall be provided and installed on the sheave assembly. The pole plumber arms shall be capable of handling poles up to 23 " in diameter. Hydraulic cylinders with holding valves shall operate the tilt and open and close on the pole plumber arms. Pole plumber hoses shall be contained in a chain type carrier including insulated section installed on the side of the boom.	<hr/>

DERRICK SPECIFICATIONS

continued

DESCRIPTION

**Compliance
Non-Compliance**

Hydraulically Extended Third Section

Filament-wound fiberglass power extended boom shall be provided. The extension shall move in/out on tapered non-metallic rollers. The side of the fiberglass boom to be supported and guided by non-metallic rollers to prevent boom tracking.

Manual Fiberglass Extension

Fiberglass manual fourth section extension 48 " long with dielectrical rating to under 46 KV for use with derrick. Fourth section must store inside hydraulic fiberglass third section. Increases total sheave height to 49 ft. Pin on jib is not acceptable.

Hydraulic System Pump

A tandem vane type high efficiency 3,000 PSI rated hydraulic pump shall be provided with a total output of 43.5 gallons per minute at 2,000 RPM and 2,500 PSI for use with single-speed hydraulic system.

Power Take-Off

Electric/Air shift power take-off with flange mounted pump. Control will be mounted on dash.

Winch

Boom tip mounted "pole grabbing" self-locking, high torque worm gear winch equipped with brake. 15,000 lbs. bare drum capacity with provisions for wire rope or synthetic rope shall be provided.

50 ft. of 1" Samson "Spectron II rope eye for winch. (50,000 lbs. breaking strength).

Three (3) wide mouth quick hooks.

Two (2) 4 ft. x 1/2" wire sling with small eye on each end to be used with Quick hooks.

Derrick Controls

Tower mounted handle rack installed integral to the tower. All functions are controlled from either end of handle rack in sequential format. Full pressure stacked valves to be used. Dual foot throttle to be included, hydraulic operated to control engine RPM. All control handles to have permanent decals indicating control functions. Height of control handle to be 3 foot 6 inches from floor to top of handles. Refer to attachment 1.1 for control handle layout.

DERRICK SPECIFICATIONS

continued

DESCRIPTION	Compliance <u>Non-Compliance</u>
Three position engine remote start-run-stop switch installed at center location of control station. Switch shall be weatherproofed with a rubber marine type cover.	<hr/>
2 glycerin filled pressure gauge shall be provided to monitor system pressures.	<hr/>
Hydraulic auger release at tower controls each side.	<hr/>
Auxiliary hydraulic tool outlets at ground plumbed to retractable hydraulic hose reel installed on rear of body mounted under rear platform between frame rails and is to be enclosed with removable cover for maintenance including two (2) 60 ' lengths of 1/2 " hydraulic hose with hose stops.	<hr/>
Hydraulic tool circuit should be constructed so that it includes port relief's to limit pressure to 2000 psi. Standard operation of tools with unit on low speed. Flow available for tools 6-8 GPM. Does not include couplers. Tool return back pressure is < 200 psi.	<hr/>
Six (6) sets of Bruning Model FF-370-8FP quick couplers.	<hr/>
<u>Hydraulic Digger</u>	
An 8,000 ft./lb. single-speed digger planetary gear drive powered by reversible hydraulic motor shall be provided and include the following: 60 " long x 2 5/8 " hex auger shaft with auger adjustment holes, auger storage bracket with self-latching auger catch, hydraulically activated auger release, safety pin, auger roll-up cable, and telescopic trombone tubes shall provide oil to the digger motor supported with non-metallic bearings. Digger hanger box shall be box section and equipped with automatic pickup and transfer protection system.	<hr/>
<u>Auger</u>	
An 18 " auger with 7 ft. stem and 5 ft. of flighting, equipped with (2-5/8 "hex) carbide teeth and P-1650 point with carbide teeth, shall be provided, equipped with cable storage strap.	<hr/>
One (1) 12" auger (2-5/8 "hex), with carbide teeth and P-1650 point with carbide teeth.	<hr/>
<u>Torque Limiter</u>	
Hydraulically operated, installed on digger storage bracket for protection of digger and auger when storing.	<hr/>
A 2-1/2 " gate valve shall be provided for oil shut-off during maintenance.	<hr/>
<u>Boom Rest Assembly</u>	
A heavy-duty swing-out boom rest assembly shall be provided. Boom storage support to be protected with a down pressure relief system.	<hr/>

DERRICK SPECIFICATIONS

continued

DESCRIPTION

**Compliance
Non-Compliance**

Stabilizers

One set of hydraulic double-acting full A-frame primary outriggers shall be provided with 13.1 ft. of spread and 1.1 ft. of penetration. Outrigger pads shall be 18 " x 18 " x 5/8 ". Controls shall be mounted at main tower rack handle controls on the left and right outside ends to provide operator viewing when lowering outriggers.

Auxiliary dual vertical outriggers installed in rear vertical compartment. 6 " of penetration based on 40 " chassis frame height. Controls shall be mounted next to the front outrigger controls. 18 " x 18 " x 5/8 " pads.

Double pilot operated internal holding valves shall be provided for outriggers.

Furnish and install alarm system activated when vehicle is in reverse or when outriggers are being operated. Alarm to be Acorn beeper type 90d-12 volt and installed in rear light bar.

Full Subframe

Subframe shall be constructed of 6" x 6" tube rails with 3/8 " top and bottom plates. Tie-down bolts must be in shear. No welding to chassis frame rails.

Body Dimension

156" Aluminum line body 46 inches high X 94 inches wide.

18 Inch compartment depth.

58 Inch bed area.

28 Inch top of floor to top of body.

24 Inch horizontal compartment height.

Treadplate wheel wells.

.090 Aluminum. - Main body material

.125 Aluminum - Compartment tops

5/16" Aluminum continuous rod - Door Hinge Rod.

Stainless Steel - Door Hinge Sockets.

.125 Aluminum Tread-Brite - Full height rock guards to bottom of crossmembers.

.188 Aluminum treadplate - Floor

Automotive rotary type door latches.

Chain stops on all vertical doors.

Horizontals to have rubber stops.

Double Panel Body Doors.

Rubber rolled crown type fenders. (Ship Loose - No Cut-outs)

Master door lock system.

Compartment lights in all vertical body compartments mounted on body doors with rubber grommet

Horizontal compartments to have 5" dome light mounted top of compartment. _____
All interior lighting to be Peterson. _____
Automotive Bulb Type Weatherstripping. (Ship Loose) _____
Front bulk head. (Ship Loose) _____

Streetside Compartmentation:

1st Vertical:

27 Inches wide with Five (5) fixed/adjustable material hooks 1-3-1. _____

2nd Vertical:

26 Inches wide with Three (3) adjustable shelves each with adjustable dividers on 6" centers. _____

3rd Vertical:

24 Inches wide with Three (3) adjustable shelves each with adjustable dividers on 6" centers. _____

Horizontal:

54 Inch open compartment. _____
Bolt tray installed in compartment bottom. _____

Rear Vertical:

25 Inches wide with Five (5) fixed/adjustable material hooks 1-3-1. _____
with two eye nuts. _____

Curbside Compartmentation:

1st Vertical:

27 Inches wide with Five (5) fixed/adjustable material hooks 1-3-1. _____

2nd Vertical:

26 Inches wide with Three (3) adjustable shelves each with adjustable dividers on 6" centers. _____

3rd Vertical:

24 Inches wide with Three (3) adjustable shelves each with adjustable dividers on 6" centers. _____

Horizontal:

54 Inches wide with one shelf with adjustable dividers on 8" centers. _____

Rear Vertical:

25 Inches wide with Two (2) material hooks. _____

Hotstick Shelf:

156 Inches long curbside with rear dropdown access door. _____
Shelf to have corrugated fiberglass in bottom. _____

Walk Through Box Operator Platform:

Walk-Through box 94" long x 18" high x 12" wide with access door on each side and auto rotary latches with locks.

Doors to be 17" high x 12" wide.

Box to have One (1) shelf splitting box in half to carry auger with auger storage latch.

Ladder Storage: (Ship Loose)

Aluminum Vertical ladder storage rack with guide rails, rear roller and chain keeper. _____

Aluminum Storage Rack: (Ship Loose)

Pike pole storage with tie down strap, digging bar tray and long tool storage, Streetside under pole rack.

Top of pole storage 3" flat bar opposite side of bed storage with enclosed front and back to make second long storage.

Aluminum Flatbars:

Two (2) six inch flat bars 11" apart on top of curbside full length starting on outside of body with dividers every 24".

Frame Installation:

Regular Frame and Floor.

Tailshelf:

Aluminum Treadplate tailshelf 24 inches long X 94 inches wide x 6 inches high with thru compartment with recessed access doors on streetside and curbside.

Angled side skirts to bottom of body.

9-Lamp light bar installed at rear.

4" lip on streetside (outside compartment) and on curbside (inside compartment) with 2" x 4" across rear

Wheel Chock Storage:

Two each side built into body wheelwells.

Aluminum Material Rack:

Eight (8) - 5" swivel installed with 3" steel channel and channel for mounting in streetside body bed area.

Eight (8) - 5" swivel installed with 3" steel channel and channel for mounting in curbside body bed area.

Platform Extension

Six (6) nut and washer rods spaced approximately 5 " apart on streetside .

DERRICK SPECIFICATIONS
continued

BODY SPECIFICATIONS

DESCRIPTION

Compliance
Non-Compliance

ICC clearance lights and reflectors to meet North Carolina and Federal Safety specifications, FMVSS 108 lighting package. All required lights will be push-out type Peterson brand or equivalent.

All body ICC push-out light will be wired with a plugin wiring harness or equivalent wiring harness which will accommodate Peterson brand push-out shockproof lights. Connections for the 7-way trailer/rv type socket will be included in the same assembly. All harness wires will be assembled, connected and protected by full length looming. Harness assembly will be protected as necessary to prevent any damage from tool storage or work at rear of body.

Full length locking bar system to lock all doors.

Treadplate installed on top of body with lapped edges.

Mud flaps installed at rear of wheelhousing opening.

Paint Body one color - Pure White

Accessories

Pintle hook, Holland Model T-100 with chassis reinforcements including two (2) 3/4 " steel eye connectors for trailer safety chains. Mounted approximately 30 " from the ground.

Pipe vise support installed on top of curbside rear platform extension, removable type, with Walton Vice 655 .

Wheel chock holders built into wheelwell panel on streetside and curbside for two (2) chocks below horizontal compartment.

Wire reel storage mounted on boom support with 2 " spindle bar for 48 " reel.

Provide latches on top to hold 2" spindle bar in place.

Install stirrup steps with grab handles at rear of body, cable-type. Steps with 6 " Grip-strut.

DERRICK SPECIFICATIONS
continued

BODY SPECIFICATIONS

Compliance
Non-Compliance

DESCRIPTION

Grounding cable assembly includes 50 ft. 2/0 cable with bracket permanently attached, and "C" type grounding clamps. Cable attached on front winch assembly. Grounding to be three places, aerial tower, body and chassis, all tied into one.

Storage for CR reel on front of tower base in body load area.

Safety cones to be stored on bracket mounted on front winch extension area. Cone holder will be fold-down type.

Provide EPCO 500-PS electronic solid state brake controller for air brake equipped chassis.

Provide a Berg 7-way trailer/rv socket at rear of chassis mounted in crossmember.

Centralized Switch Panel

The centralized electrical switch panel is installed in the cab providing easy access and clear visibility from the driver's seat. The panel is equipped with rocker switches, illuminated function indicators and plaques. All warning lights flash for clear distinction. A test feature is provided to ensure the warning lights are operable.

The sealed automotive plug-in connectors are made with a thermoplastic housing and silicon seals to withstand conditions of extreme temperatures (-55 degrees to +125 degrees Celsius). The connectors utilize a double positive lock and keeper system to ensure a reliable contact retention system.

All wires connecting to the chassis systems utilize a compatible connection to ensure consistency with the chassis electrical system.

The wiring harness employs a standardized color-coding system

Provide a complete Electrical wiring diagram.

One (1) Stanley ID04810 wrench with 7/16" quick change hex and 1/2" square drive adapter and open and closed center. 8' or twin non conductive hose with ff-370 quick couplers.

Stanley Model CT-10065A compression tool with Burndy Y35 head, 12 ton crimping force, for use with closed-center systems with 2,000 PSI operating pressure.

One Stanley Model TA-54 handle with kidney foot.

Cembre HT 131-C crimping tool with case and dies.

Cembre HT-TCO50 cutting tool

DERRICK SPECIFICATIONS
continued

BODY SPECIFICATIONS

DESCRIPTION

Compliance
Non-Compliance

- Braden is our new standard PD18C
- Powered shaft extension to curbside
- 4-way cable roller guide
- Clutch controls on winch
- Hydraulic control in cab
- Hydraulic system "tie-in" components
- Installed
- Handle control inside cab to be two pieces.
- Primed and painted white

250' of 1/2' IWRC wire rope with eye, PD16A – 3/4" quick hook and rubber strap winch line holder.

Paint winch and assembly Pure White.

Provide fire extinguisher, 10 lb. type B & C with storage bracket. Locate in curbside rear bin.

Provide D.O.T. triangle type road reflector kit mounted in cab.

10-Unit medical kit with storage bracket - shipped loose, with door marking decal.

Install Hide away strobes warning light system.

Two (2) spotlights, one (1) each side in cab post.

Install pole racks with winch and binder for carrying two (2) poles. Install over top of left and right compartment sides. Front section of pole racks to pull up and hinge down toward the rear of the truck. Total of four (4) winch and binders cables.

Install two (2) amber strobes, one (1) each side over cab mounted on walk-thru compartment, with brush guards.

Outrigger storage under body between cab and wheel housing. Two (2) underbody outrigger pad storage racks. One (1) each side with 6 " height, 30 " deep, 48 " width.

One (1) pole jack with detachable base, with 7 ft. alloy steel chain.

Install pole jack storage streetside at rear under tail shelf.

Install two (2) Betts Model 305-B-07113 lights, one (1) each side located behind boom controls.

Install 4 Transformer tie-off rings located at prepaint.

DERRICK SPECIFICATIONS
continued

BODY SPECIFICATIONS

DESCRIPTION

Compliance
Non-Compliance

5 - gallon water cooler with bracket located and mounted in curbside rear bin with drain hole in bin.

Supply ground wire reel rack located at prepaint.

Two wheel chocks - rubber.

D.O.T. FMVSS lighting package.

Warranty

Bidders are required to furnish all warranty information along with the bids. The warranty coverage will be taken into consideration in the bid analysis.

Inspection and Acceptance

A pre-paint inspection is required, bidder is to provide the necessary Transportation, food and lodging accommodations for two.

Upon delivery and prior to acceptance, the successful bidder must provide any necessary technical training in operation and maintenance.

Complete unit is to be delivered to the to the City of Operation Center.

Field Demonstration

The purchaser reserves the right to request a demonstrator which is the same Model as quoted. This unit will be evaluated to assist in the final bid analysis.

Compliance with Specifications

Any deviation from these specifications must be explained in full detail, including drawings, and engineering explanation. Exceptions are to be listed separately in a letter which will become a part of your proposal, otherwise it is understood that the equipment offered is exactly as specified.

Use of Other Names and References

Unless otherwise stated, the use of manufacturer's name and product numbers are for descriptive purposes and establishing general quality levels only. They are not intended for descriptive purposes and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items as stated.

DERRICK SPECIFICATIONS
continued

BODY SPECIFICATIONS

DESCRIPTION

Compliance
Non-Compliance

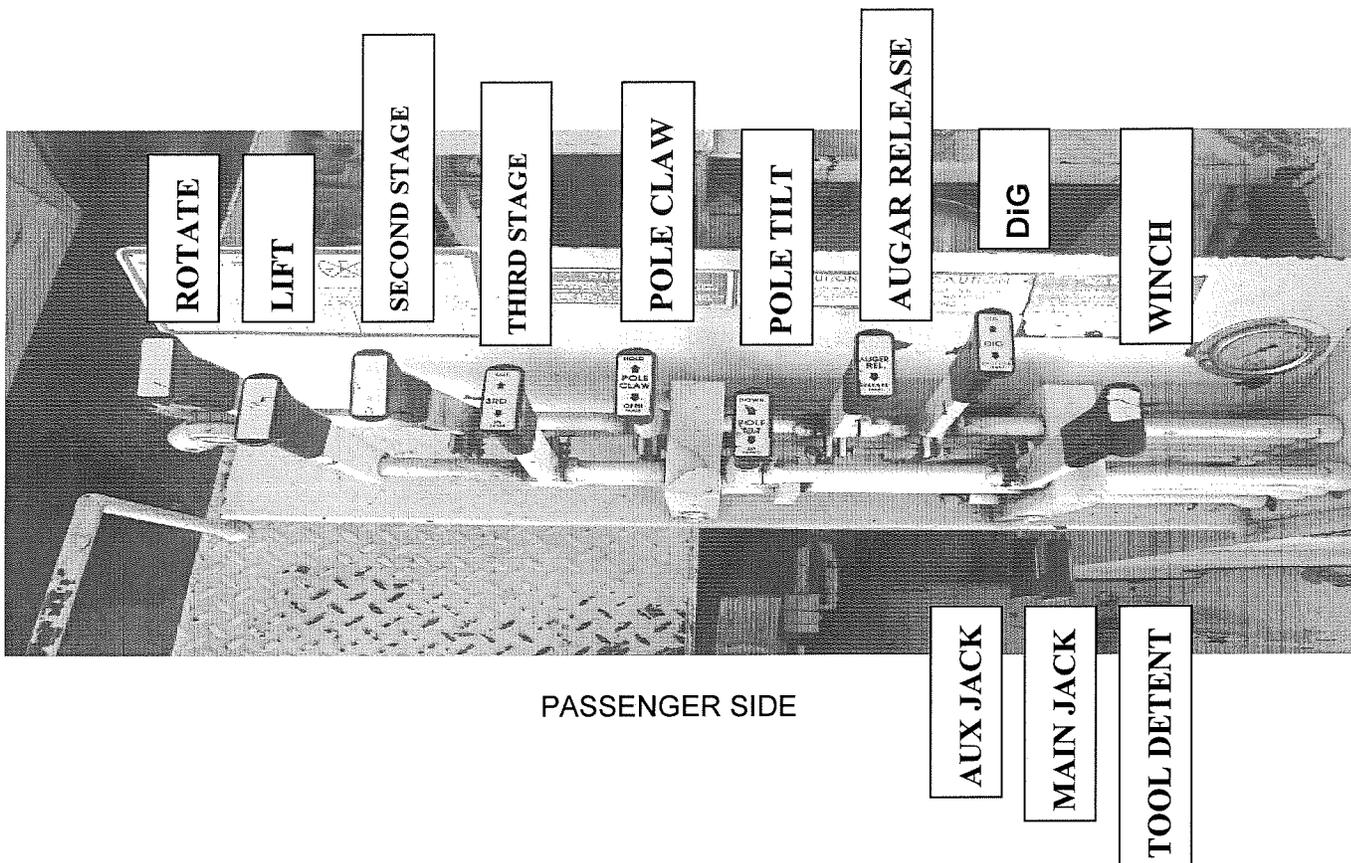
Drawings to be provided with Bid, detailing the complete package you propose to Bid.

Bidder to supply temporary tag for truck until permaninaint tag can be Obtained.

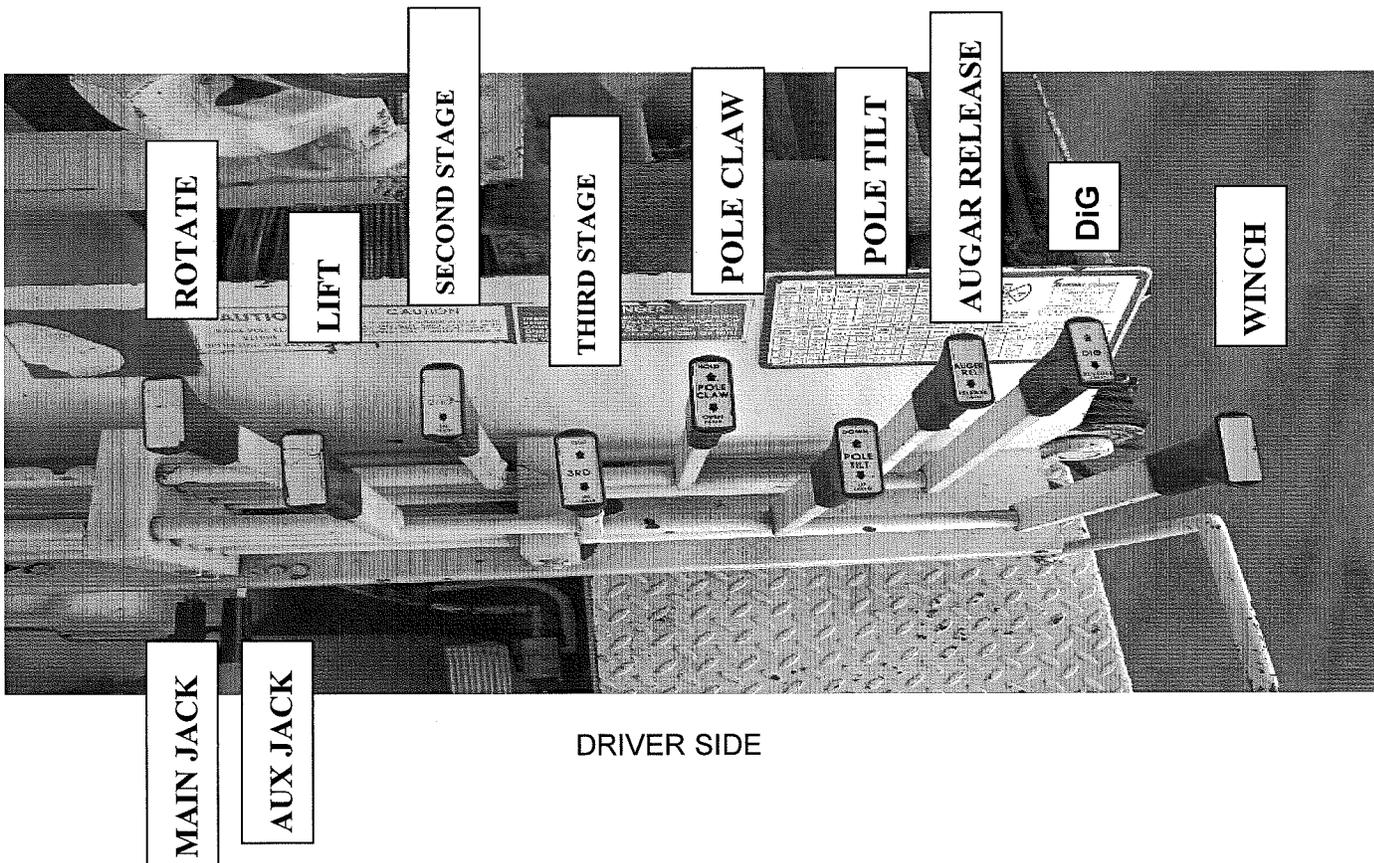
Supplier to furnish copies of each of the following:

1. The final specification records
- 2 Title of origin
3. One (1) Parts Manual
4. One (1) Service Manual
5. One (1) Operator's manual
6. Final front and rear axle weights

ATTACHMENT 1.1



PASSENGER SIDE



DRIVER SIDE

CAB & CHASSIS

The cab & chassis shall be a **Freightliner M2-106** per the specifications below, and will include a **7-year extended engine warranty and a 5-year extended transmission warranty:**

COMPLY YES _____ NO _____

001-172	M2 106 CONVENTIONAL CHASSIS
004-214	2014 MODEL YEAR SPECIFIED
002-004	SET BACK AXLE - TRUCK
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK
003-001	LH PRIMARY STEERING LOCATION
AA1-003	TRUCK/TRAILER CONFIGURATION
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE
A84-1UT	UTILITY BUSINESS SEGMENT
AA4-011	FIXED LOAD COMMODITY
AA5-006	TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS SPENT ON NON-PAVED ROADS
AB1-008	MAXIMUM 8% EXPECTED GRADE
AB5-003	MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
995-091	MEDIUM TRUCK WARRANTY
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 39000.0 lbs
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 45000.0 lbs
AA3-030	FLATBED/PLATFORM BODY WITH LIFT/PULL DEVICE
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in
101-2XE	CUM ISL 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM
79A-073	73 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM

79M-001 PTO MODE BRAKE OVERRIDE -
 SERVICE BRAKE ONLY ENABLED
 79P-002 PTO RPM WITH CRUISE SET
 SWITCH - 700 RPM
 79Q-002 PTO RPM WITH CRUISE RESUME
 SWITCH - 700 RPM
 79S-001 PTO MODE CANCEL VEHICLE
 SPEED - 5 MPH
 79U-007 PTO GOVERNOR RAMP RATE - 250
 RPM PER SECOND
 79W-001 ONE REMOTE PTO SPEED
 79X-001 REMOTE PTO SPEED 1 SETTING -
 700 RPM
 80G-002 PTO MINIMUM RPM - 700
 80J-001 REGEN INHIBIT SPEED
 THRESHOLD - 0 MPH
 * 99C-013 2013 ONBOARD
 DIAGNOSTICS/2010
 EPA/CARB/GHG14
 99D-011 2008 CARB EMISSION
 CERTIFICATION - CLEAN IDLE
 (INCLUDES 6X4 INCH LABEL ON
 LOWER FORWARD CORNER OF
 DRIVER DOOR)
 105-001 ENGINE MOUNTED OIL CHECK
 AND FILL
 133-004 ONE PIECE VALVE COVER
 014-099 SIDE OF HOOD AIR INTAKE WITH
 FIREWALL MOUNTED DONALDSON
 AIR CLEANER
 124-1D7 DR 12V 160 AMP 28-SI
 QUADRAMOUNT PAD
 ALTERNATOR WITH REMOTE
 BATTERY VOLT SENSE
 292-1D8 (2) ALLIANCE MODEL 1131, GROUP
 31, 12 VOLT MAINTENANCE FREE
 1850 CCA THREADED STUD
 BATTERIES
 290-017 BATTERY BOX FRAME MOUNTED
 281-001 STANDARD BATTERY JUMPERS
 282-001 SINGLE BATTERY BOX FRAME
 MOUNTED LH SIDE UNDER CAB
 291-017 WIRE GROUND RETURN FOR
 BATTERY CABLES WITH
 ADDITIONAL FRAME GROUND
 RETURN
 289-001 NON-POLISHED BATTERY BOX
 COVER
 295-029 POSITIVE AND NEGATIVE POSTS
 FOR JUMPSTART LOCATED ON
 FRAME NEXT TO STARTER
 107-032 CUMMINS 18.7 CFM AIR
 COMPRESSOR WITH INTERNAL
 SAFETY VALVE

108-002	STANDARD AIR COMPRESSOR GOVERNOR
131-013	AIR COMPRESSOR DISCHARGE LINE
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
128-076	CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE
28F-007	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH
239-001	STANDARD EXHAUST SYSTEM LENGTH
237-052	RH STANDARD HORIZONTAL TAILPIPE
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
* 273-018	HORTON DRIVEMASTER ON/OFF FAN DRIVE
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-013	1100 SQUARE INCH ALUMINUM RADIATOR
103-036	ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-016	RADIATOR DRAIN VALVE
168-002	LOWER RADIATOR GUARD
360-998	NO FRONT ENGINE PTO

138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR
134-001	ALUMINUM FLYWHEEL HOUSING
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
352-998	NO AUXILIARY TRANSMISSION
343-1AG	WTEC CALIBRATION - 6 SPEED WITH AUTO NEUTRAL RDS (PACKAGE 113)
353-027	VEHICLE INTERFACE WIRING AND PDM WITH BODY BUILDER CONNECTOR AT END OF FRAME
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)
400-1A9	DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-023	CONMET CAST IRON FRONT BRAKE DRUMS
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS

408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
536-012	TRW TAS-85 POWER STEERING
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE
620-004	16,000# FLAT LEAF FRONT SUSPENSION
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS
420-051	RS-23-160 23,000# R-SERIES SINGLE REAR AXLE
421-563	5.63 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
433-002	NON-ASBESTOS REAR BRAKE LINING
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)
451-023	CONMET CAST IRON REAR BRAKE DRUMS
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS
426-074	HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE

622-1MJ	23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
621-001	SPRING SUSPENSION - NO AXLE SPACERS
431-001	STANDARD U-BOLT PAD
018-002	AIR BRAKE PACKAGE
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER
479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL
460-001	STEEL AIR BRAKE RESERVOIRS
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)
* 914-009	AIR CONNECTIONS AT END OF FRAME ONLY WITH ANCHOR COUPLINGS FOR TRUCK
296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT
331-001	SUPPLEMENTAL ISO 3731 7-WAY RECEPTACLE LOCATED WITH PRIMARY RECEPTACLE
545-387	3875MM (153 INCH) WHEELBASE
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI

552-063	2550MM (100 INCH) REAR FRAME OVERHANG
55W-009	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 87.45 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 84.45 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 282.39
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 87.45 in
FSS-0LH	FRAME SPACE LH SIDE : 34.81 in
FSS-0RH	FRAME SPACE RH SIDE : 67.71 in
553-001	SQUARE END OF FRAME
550-001	FRONT CLOSING CROSSMEMBER
559-003	LIGHT WEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
572-001	STANDARD REARMOST CROSSMEMBER
565-001	STANDARD SUSPENSION CROSSMEMBER
556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS
558-001	FRONT TOW HOOKS - FRAME MOUNTED
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE
585-998	NO MUDFLAP BRACKETS
590-998	NO REAR MUDFLAPS
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS
604-998	NO TIRE CARRIER
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
218-005	RECTANGULAR FUEL TANK(S)
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
212-007	FUEL TANK(S) FORWARD
664-001	PLAIN STEP FINISH
205-001	FUEL TANK CAP(S)

122-077 ALLIANCE FUEL FILTER/WATER
SEPARATOR WITH HEATED BOWL
AND PRIMER PUMP

216-020 EQUIFLO INBOARD FUEL SYSTEM

202-016 HIGH TEMPERATURE
REINFORCED NYLON FUEL LINE

ADD **MICHELIN 315/80R22.5 XZY RADIAL
FRONT TIRES**

ADD **MICHELN 11R22.5 XDE M/S RADIAL
REAR TIRES**

418-045 CONMET PRE-SET BEARING IRON
FRONT HUBS

450-045 CONMET PRE-SET BEARING IRON
REAR HUBS

502-428 ACCURIDE 28828 22.5X8.25 10-HUB
PILOT 2-HAND HD STEEL DISC
FRONT WHEELS

505-524 HAYES LEMMERZ 90541 22.5X8.25
10-HUB PILOT 2-HAND STEEL DISC
REAR WHEELS

496-011 FRONT WHEEL MOUNTING NUTS

497-011 REAR WHEEL MOUNTING NUTS

829-071 106 INCH BBC FLAT ROOF
ALUMINUM CONVENTIONAL CAB

650-008 AIR CAB MOUNTS

646-009 PAINTED PLASTIC GRILLE

65X-001 ARGENT SILVER HOOD MOUNTED
AIR INTAKE GRILLE

644-004 FIBERGLASS HOOD

727-1AF SINGLE 14 INCH ROUND HADLEY
AIR HORN UNDER LH DECK

726-001 SINGLE ELECTRIC HORN

728-001 SINGLE HORN SHIELD

657-001 DOOR LOCKS AND IGNITION
SWITCH KEYED THE SAME

575-001 REAR LICENSE PLATE MOUNT
END OF FRAME

312-043 INTEGRAL HEADLIGHT/MARKER
ASSEMBLY

302-001 (5) AMBER MARKER LIGHTS

294-090 OMIT STOP/TAIL/BACKUP LIGHTS
AND PROVIDE WIRING FOR
COMBINED STOP/TURN LIGHTS TO
FOUR FEET BEYOND END OF
FRAME

300-015 STANDARD FRONT TURN SIGNAL
LAMPS

744-1BH DUAL WEST COAST MOLDED-IN
COLOR MIRRORS

797-001 DOOR MOUNTED MIRRORS

796-001 102 INCH EQUIPMENT WIDTH

743-1AP LH AND RH 8 INCH MOLDED-IN
COLOR CONVEX MIRRORS
MOUNTED UNDER PRIMARY
MIRRORS

729-001	STANDARD SIDE/REAR REFLECTORS
677-998	NO CAB MOUNTED STEPS
768-043	63X14 INCH TINTED REAR WINDOW
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS
654-003	ELECTRIC DOOR WINDOW REGULATORS
663-013	TINTED WINDSHIELD
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED
707-1AK	OPAL GRAY VINYL INTERIOR
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING
694-010	IN DASH STORAGE BIN
742-007	(2) CUP HOLDERS LH AND RH DASH
680-006	GRAY/CHARCOAL FLAT DASH
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-001	STANDARD HVAC DUCTING
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-015	STANDARD HEATER PLUMBING
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-033	STANDARD INSULATION
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS
655-001	CAB DOOR LATCHES WITH ELECTRIC DOOR LOCKS
284-023	(1) 12 VOLT POWER SUPPLY IN DASH

756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-036	VINYL WITH VINYL INSERT DRIVER SEAT
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT
763-006	3 POINT DRIVER AND PASSENGER AND 2 POINT CENTER FRONT SEAT BELT RETRACTORS
532-001	FIXED STEERING COLUMN
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS
732-004	GRAY DRIVER INSTRUMENT PANEL
734-004	GRAY CENTER INSTRUMENT PANEL
870-001	BLACK GAUGE BEZELS
486-001	LOW AIR PRESSURE LIGHT AND BUZZER
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL
ADD	3 SETS OF KEYS
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
811-011	ODOMETER/TRIP/HOUR/DIAGNOS TIC/VOLTAGE DISPLAY: 1X7 CHARACTER, 26 WARNING LAMPS, DATA LINKED, ICU3
160-025	DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE
33U-998	NO CUSTOMER DEFINED WIRING FUNCTION

856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
746-1A2	AM/FM/WB RADIO WITH FRONT AUXILIARY INPUT
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
162-011	IDLE LIMITER, ELECTRONIC ENGINE
482-001	BW TRACTOR PROTECTION VALVE
883-001	TRAILER HAND CONTROL BRAKE VALVE
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH
882-021	TWO VALVE PARK BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS
065-000	PAINT: ONE SOLID COLOR
980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT

962-970 VENDOR WHITE FRONT
WHEELS/RIMS (PW, TKWHT21, W,
TW)
966-962 HAYES LEMMERZ W POWDER
WHITE (N0006EA) REAR
WHEELS/RIMS
964-6Z7 BUMPER PAINT: FP24812 ARGENT
SILVER DUPONT FLEX

PRICING AND DELIVERY

PLEASE INDICATE THE FOLLOWING:

1. Nearest Service Center for parts and service to be located within 100 miles of our facility.

City: _____ State: _____ Miles: _____

2. Enclose copies of all product and service warranties.
3. Weight Distribution Analysis. A complete drawing of cab/chassis and equipment package showing a weight distribution analysis must be provided prior to final award.
4. Bidder will be held responsible to show complete adherence to all applicable DOT and FMVSS standards.

Cab & Chassis Manufacturer _____ Model _____ Price \$ _____

Body Manufacturer _____ Model _____ Price \$ _____

Total Cost (includes extended warranties): _____

Delivery: _____ **days**