

**CITY OF JOLIET
WILL COUNTY, ILLINOIS
SPECIFICATIONS, PLANS, CONTRACT PROPOSAL,
CONTRACT AND CONTRACT BOND**

**FOR THE
PURCHASE OF UTILITIES DIVISION TWO (2) HEAVY DUTY TANDEM
AXLE CAB / CHASIS 6X4 DUMP BODY AND ACCESSORIES**

CONTRACT NO. 2454-1219

**APPROVED
DEPARTMENT OF PUBLIC UTILITIES**



DIRECTOR OF PUBLIC UTILITIES

DATE: November 7, 2019

**APPROVED
DEPARTMENT OF PUBLIC UTILITIES**



FIELD OPERATIONS SUPERINTENDENT

DATE: November 7, 2019

SUBMITTED BY

CONTRACTORS NAME

ADDRESS

CITY AND STATE

PHONE

DATE: _____, 2019

MANAGEMENT & BUDGET
PURCHASING DIVISION
815/724-3925
815/724-3929 FAX



Prospective Bidder:

Enclosed are bid documents which may be of interest to your company.

Please note the date as to when these bids will be opened.

THIS BID DOCUMENT MUST BE RETURNED INTACT (THE SAME ORDER AS RECEIVED).
FAILURE TO DO SO MAY INVALIDATE YOUR PROPOSAL.

ALL BIDS SHALL BE SUBMITTED IN AN OPAQUE, SEALED ENVELOPE TO THE CITY CLERK,
150 WEST JEFFERSON STREET, JOLIET, ILLINOIS 60432, PRIOR TO THE TIME AND DATE
SET FORTH FOR BID OPENING IN THE NOTICE TO BIDDERS. EACH BID SHALL BE
ADDRESSED TO THE CITY CLERK AND SHALL BEAR ON THE FACE OF THE ENVELOPE
THE NAME OF THE BIDDER, AND A STATEMENT THAT IT IS A SEALED BID, TO BE OPENED
FOR THE CONTRACT CONSIDERED, AT THE DATE AND HOUR SET FORTH IN THE
INVITATION TO BID.

THE BIDDER SHALL ALSO STATE ON THE ENVELOPE THAT HE/SHE IS IN RECEIPT OF ALL
ADDENDUMS TO THE CONTRACT.

ANY QUESTIONS OR CLARIFICATIONS CONCERNING THESE SPECIFICATIONS SHOULD
BE DIRECTED TO MARGARET E. MCEVILLY, CONTRACT ADMINISTRATOR, PHONE NO.
(815) 724-3925 OR (815) 724-3929 FAX.

ANY ORAL OR WRITTEN COMMENTS RECEIVED FROM ANY OTHER PERSON OTHER
THAN THE CONTRACT ADMINISTRATOR, WILL NOT BE CONSIDERED AND ALSO, MAY
INVALIDATE YOUR PROPOSAL.

THANK YOU FOR BIDDING.

MAYOR

Bob O'Dekirk

COUNCILPERSONS

Don Dickinson
Larry E. Hug
Pat Mudron
Sherri Reardon
Bettye Gavin
Terry Morris
Jan Hallums Quillman
Michael F. Turk

INTERIM CITY MANAGER

Steve Jones

CONTRACT ADMINISTRATOR
Margaret E. McEvilly

CONTRACT DOCUMENTS

**PROJECT: PURCHASE OF UTILITIES DIVISION TWO (2) HEAVY DUTY
TANDEM AXLE CAB / CHASIS 6X4 WITH DUMP BODY AND
ACCESSORIES**

**DEPARTMENT: PUBLIC UTILITIES
CITY OF JOLIET, ILLINOIS**

CONTRACT NO. 2454-1219

**STEVE JONES
INTERIM CITY MANAGER**

**MARGARET E. McEVILLY
CONTRACT ADMINISTRATOR**

LEGAL NOTICE
CITY OF JOLIET
ADVERTISEMENT TO BIDS
**PURCHASE OF UTILITIES DIVISION TWO (2) HEAVY DUTY TANDEM AXLE CAB / CHASIS
6X4 WITH DUMP BODY AND ACCESSORIES
CONTRACT NO. 2454-1219**

The City of Joliet, Illinois, does hereby invite sealed bids for the purchase of two (2) Heavy Duty Tandem Axle Cabs / Chassis 6x4 with Dump Body and Accessories for the Utilities Division.

Bids will be received at the Office of the City Clerk, City of Joliet Municipal Building, 150 West Jefferson Street, Joliet, Illinois 60432-4156 until **10:10 A.M.** local time on **Wednesday – December 4, 2019** at which time they will be opened and publicly read aloud.

Receipt of your document in any location other than City Clerk’s office at City Hall, 150 W. Jefferson St., Joliet, IL 60432, does not constitute receipt. If you are using a delivery service, the fact that it was signed for by someone at City of Joliet does not constitute receipt. To ensure that your package was received prior to the opening, you can email cityclerk@joliet.gov or call 815-724-3780 to verify receipt of document.

Those desiring to bid may examine the bid documents and detailed specifications in the City of Joliet Purchasing Division, 150 W. Jefferson St., Joliet, IL 60432 between the hours of 8:00 A.M. and 4:30 P.M., Monday through Friday. Electronic copies can be downloaded free of charge at <https://www.joliet.gov/departments/finance/purchasing/bids-proposals> . No hard copies will be available for purchase.

All Bidding Document holders should sign up for RSS feeds at <https://www.joliet.gov/departments/finance/purchasing/bids-proposals/purchase-of-vehicles> and provide your first and last name and email address to automatically receive addendums. Addendums will also be posted on the City of Joliet’s website at <https://www.joliet.gov/departments/finance/purchasing/bids-proposals>. The potential vendor/contractor remains responsible for obtaining all addenda to the original specification so they should check the specific bid page before submitting a bid to make sure they have received all addendums to a specific contract. The City of Joliet’s local qualified bidder ordinance does apply to this contract.

The City of Joliet reserves the right to reject any and all bids, parts of any and all bids, or to waive technical errors or omissions in bids.

The Contract shall be subject to the provisions of the *Prevailing Wage Act (820 ILCS 130/1 et seq.)* to the extent required by law and the City of Joliet Procurement Code (Section 2-430 – 2-453 of the Code of Ordinances.

Published in the Labor Record
Thursday – November 14, 2019

Steve Jones
Interim City Manager

Margaret E. McEvelly
Purchasing/Contracts Administrator

This contract is eligible for the local bidder preference ordinance.

If you have read all of the documentation, filled out the form found online at <http://www.joliet.gov/departments/finance/purchasing/prequalification-process>, have been prequalified by the City of Joliet as a Local Bidder and wish to be qualified as a local bidder for this contract, please sign this sheet.

VENDOR NAME _____

VENDOR ADDRESS _____

CITY, STREET, ZIP _____

CONTACT PERSON _____

SIGNATURE _____

PHONE _____

EMAIL ADDRESS _____

Complete this form ONLY if you submitted the CITY OF JOLIET LOCAL BIDDER APPLICATION FORM from the above website AND have been approved as a local bidder.

If you have questions about this form, please call Purchasing/Contracts Administrator Margaret McEvilly at 815-724-3926.

CITY OF JOLIET
150 WEST JEFFERSON STREET
JOLIET, ILLINOIS 60432-4158

**CONTRACT DOCUMENTS FOR: PURCHASE OF UTILITIES DIVISION TWO (2)
HEAVY DUTY TANDEM AXLE CAB / CHASIS 6X4
WITH DUMP BODY AND ACCESSORIES**

User Department: **PUBLIC UTILITIES**
Date and Time of Bid Opening: **DECEMBER 4, 2019 @ 10:10 A.M.**
Bid Security: **NONE**
Performance Security: **NONE**
Prequalification Necessary: **NONE**
Insurance: **NONE**

**Bob O'Dekirk
Mayor**

**Steve Jones
Interim City Manager**

**Margaret E. McEvilly
Contract Administrator**

Council Members:

**Don Dickinson
Larry E. Hug
Pat Mudron
Sherri Reardon
Bettye Gavin
Terry Morris
Jan Hallums Quillman
Michael F. Turk**

INSTRUCTION TO BIDDERS

PROJECT: PURCHASE OF UTILITIES DIVISION TWO (2) HEAVY DUTY TANDEM AXLE CAB / CHASIS 6X4 WITH DUMP BODY AND ACCESSORIES

NOTE: BY SUBMITTING A BID, THE BIDDER WARRANTS THAT HE HAS FAMILIARIZED HIMSELF WITH ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS AS WELL AS THE CITY OF JOLIET PURCHASING ORDINANCE.

DEFINITIONS:

The following definitions shall apply wherever they appear in the contract documents.

CITY:	CITY OF JOLIET
OWNER:	THE CITY OF JOLIET
BID:	THE OFFER OF THE BIDDER
BIDDER:	ANY INDIVIDUAL, CORPORATION OR PARTNERSHIP WHO SUBMITS A BID.

CONTRACT DOCUMENTS - Invitation to Bid Instructions, General Conditions, Special Provisions, Specifications, Drawings, Addendums, Proposal (in so far as it is not inconsistent with other contract documents) and Contract Form.

Other definitions shall be as defined in City of Joliet Ordinance 7345 or in other Contract Documents.

1. BIDS - GENERAL

Bids shall be made in accordance with the instructions. Failure to execute proposals as required may, in the discretion of the City, be cause for rejection of the bid.

2. FORMS

Bids shall be submitted on the forms provided by the City of Joliet. Each bid must be submitted bound with all other contract documents.

3. BLANKS; CORRECTIONS

All blank spaces on any contract document shall be filled in with typewritten figures or ink. Any erasures or corrections shall be dated and initialed by the bidder.

4. SUBMISSION

Bids shall be submitted in opaque sealed envelopes to the City Clerk, 150 West Jefferson Street, Joliet, Illinois 60432-4156, prior to the time and date set forth for bid opening in the Notice to Bidders. Each bid shall be addressed to the City Clerk and shall bear on the face of the envelope the name of the bidder, and a statement that it is a sealed bid to be opened for the contract at the date and hour as set forth in the invitation to bid.

5. EXECUTION

Proposals shall be signed by the bidder. If the bidder is a corporation, the proposal shall bear the name of the corporation, signed by an officer authorized to bind the corporation, and sealed with the corporate seal.

6. WITHDRAWAL

Bids may be withdrawn previous to the time of the bid opening by written request. However, no bid shall be withdrawn within the thirty (30) day period after the time set for bid opening. Bidders withdrawing their bids prior to the time and date set for bid opening may still submit another bid if done in accordance with these instructions.

7. WORDS AND FIGURES

Where amounts are given in both words and figures, the words will govern.

8. UNIT PRICE

When unit prices are called for, bids shall include all unit cost items and alternatives shown on the proposal. When an error is made in extending total prices, the unit price will govern.

9. TAXES

All bids shall include all applicable taxes. The State of Illinois Sales Tax and Federal Excise Taxes are not applicable to sales made in the City.

10. NET PRICE

Bid prices shall be net, including therein transportation and handling charges F.O.B. City of Joliet, and shall further include all charges of whatsoever sort for labor and materials contained in the work or materials designated in the specifications and proposals.

11. BID SECURITY

12. BID SECURITY RETURN

13. INTERPRETATIONS

Interpretations of the meaning of any item in the Contract Documents shall be valid only if issued in writing by the Owner or the Owner's representative designated in the Contract Documents.

14. FAMILIARITY WITH CONTRACT DOCUMENTS AND SITE

Bidders shall examine all contract documents including General Conditions and Specifications, inspect and acquaint himself fully with site conditions (surface and subsurface), working conditions and restraints, if applicable, prior to the submission of his bid.

15. ALTERNATE EQUIPMENT OR MATERIALS

- a. Bids shall be evaluated and considered on equipment and/or materials complying substantially with the contract specifications. If any bidder deviates from the contract specifications or provides a substitute for any required equipment and/or material listed in the contract specifications, that bidder shall list such deviations and/or substitutions, including technical data when applicable, in a letter attached to the bid or on a form that may be provided by the City with the bid documents.
- b. Brand names, which may be mentioned in the contract specifications, are used only as a reference to the type and quality of equipment and/or materials desired. However, any deviation from or substitution in a brand name stated in the contract specifications shall be listed as required under paragraph (a) of this section.
- c. The City reserves the right to determine whether any deviations and substitutions listed by the bidder are within the intent of the contract specifications and will reasonably meet the service requirements of the using department.
- d. A bidder's failure to list any deviations from or substitutions in the contract specifications as required under paragraph (a) of this section may result in the rejection of the bid.

16. DESCRIPTIVE LITERATURE: EQUIPMENT OR MATERIALS

Each bidder bidding on contracts to furnish equipment or materials shall furnish with his proposal two (2) copies of descriptive literature on the supplies or equipment being bid and manufacturer's specifications shall be in sufficient detail to permit proper evaluation of the bid.

17. RESPONSIBILITY OF BIDDERS

No contract will be awarded to any person, firm, or corporation that is in arrears to the City of Joliet, Illinois upon any debt or contract, or who has failed to execute in whole or in part, in a satisfactory manner, any contract with the City of Joliet, or who is a defaulter as to surety or otherwise upon any obligation to the City of Joliet, Illinois.

18. CITY'S RIGHT TO ACCEPT OR REJECT

The City of Joliet reserves the right to accept any bid which may be deemed to be in the best interest of the City of Joliet. The City of Joliet further reserves the right to reject any or all bids.

19. AWARDING OF CONTRACT

The Contract shall be awarded to the lowest responsible bidder based on criteria as set forth in the City of Joliet Purchasing Ordinance.

20. ALTERNATE AND MULTIPLE BIDS

Unless otherwise indicated in these bid documents, the Contractor may not submit alternate or multiple bids as part of this bid package. The submission of more than one bid within a single bid package may be cause for rejection of any or all of the bids of that contractor.

21. AFFIDAVITS

The Affidavits included in these Contract Documents must be executed and submitted with the bid.

**MANAGEMENT & BUDGET
PURCHASING DIVISION**

150 W. Jefferson Street
Joliet, IL 60432
(815) 724-3925
(815) 724-3929 (fax)



CITY OF JOLIET

NOTICE

The City of Joliet has adopted the Responsible Bidder Ordinance. In addition to any other requirement, unless otherwise expressly stated in a bid solicitation or an award of contract, all bidders must comply with the following requirements in order to submit a bid or be awarded a contract and include satisfactory evidence thereof in its bid.

(1) The bidder must be a duly organized legal entity in good standing with the Illinois Secretary of State and in compliance with all laws prerequisite to doing business in Illinois.

(2) The bidder must have a valid Federal Employer Tax Identification Number or Social Security Number.

(3) The bidder must be an equal opportunity employer and comply with Section 2000(e) of Chapter 21, Title 42 of the United States Code and Executive Order No. 11246.

(4) The bidder shall provide certificates of insurance indicating the following coverages if called for in the bid solicitation: general liability, workers compensation, completed operations, automobile, hazardous occupation and product liability.

(5) The bidder must comply with all provisions of the Illinois Prevailing Wage Act (820 ILCS 130), including wages, medical and hospitalization insurance and retirement for those trades covered in the Act.

(6) All contractors and sub-contractors performing services covered by the Illinois Prevailing Wage Act must submit to the City the certified payrolls required by the Act, as amended by Illinois Public Act 94-0515.

(7) For construction projects (construction of new facilities, renovation of existing facilities or road construction projects) over \$25,000.00, or demolition contracts over \$25,000.00, the bidder must provide apprenticeship and training programs that are either registered with the United States Department of Labor's Bureau of Apprenticeship and Training or are reasonably equivalent to such programs.

MARGARET E. MCEVILLY
Purchasing/Contract Administrator

NOTICE TO BIDDERS – ETHICS ORDINANCE AND INSPECTOR GENERAL COMPLIANCE

The City of Joliet has an Ethics Ordinance (Section 2-333 et seq. of the Code of Ordinances of the City of Joliet) which prohibits any appointed or elected official of the City of Joliet, or any employee of the City of Joliet from receiving or soliciting anything of value to influence that City official or employee in carrying out his or her official duties. The City of Joliet appreciates your anticipated cooperation in refraining from offering any official or employee anything, item, service, or favor of value to influence that person's decision on any City business. With your cooperation, the City of Joliet will achieve its goal of maintaining a fair and competitive contract procedure that promotes the best interests of the citizens of the City of Joliet. You should report immediately any violation of the Ethics Ordinance to the Inspector General, including any solicitation of a thing of value by a City official or employee. A bidder or contractor's participation or encouragement in the violation of the Ethics Ordinance may result in the rejection of a bid, termination of contract, or declaration of ineligibility to bid on future contracts.

It is the duty of any bidder, proposer, consultant, subcontractor, applicant for pre-qualification for a City contract, applicant for local bidder certification, and all officers, directors, agents, partners and employees of any bidder, proposer, consultant, subcontractor, or such applicant to cooperate with the Inspector General in any investigation or hearing undertaken pursuant to City of Joliet Ordinance 2-180, et. seq.. Any of the aforementioned parties understands and will abide by all provisions of the aforementioned Ordinance. All contractors must inform subcontractors of the provision and require understanding and compliance with it.

A copy of the City of Joliet Ethics Ordinance and all other City Ordinances are available in the City Clerk's office or on the City website for your review.

GENERAL CONDITIONS

**Please see the City of Joliet Special Provision and General Conditions Booklet
Adopted February 29, 2016 available on Joliet.gov.**

CITY OF JOLIET
2019 SPECIFICATION FOR
UTILITIES DIVISION TWO (2) HEAVY DUTY TANDEM AXLE CAB/CHASSIS
6X4 WITH DUMP BODY & ACCESSORIES

PURPOSE:

The intent of these specifications is to set forth minimum requirements for the purchase of two (2) new 2020; three axle truck chassis and related equipment by the City of Joliet for use by the Department of Utilities.

SCOPE:

This unit will be used for hauling of materials including but not limited to stone (gravel) hot asphalt and dirt. Use will be on local roadways from quarries to landfills, spreading and dumping of loads at work sites.

SPECIAL PROVISIONS

- All bids shall be in strict accordance with all provisions contained herein and shall comply with the specifications attached hereto
- Bids shall be submitted on the printed forms provided for that purpose and bound herewith and must be signed
- Bid forms shall be completed in full not be detached from this binding
- The complete set of proposal documents shall be submitted with the proposal
- Bidders shall answer each compliance question on the specifications by marking either the YES or the NO blank
- Exceptions shall be explained in detail on a separate page
- If all blanks are marked YES, exact compliance is required

- The board reserves the right to reject any or all bids or to accept any bid which may be deemed to be in the best interest of the City of Joliet
- No bid shall be withdrawn within thirty (30) days after the scheduled time for the opening of the bids
- Bidders must submit a firm bid
- A bidder shall not stipulate in his proposal any condition not contained in the proposal documents
- Any qualifying statements or conditions may be considered irregular and as not being responsive to the Advertisement for Bids
- Each bidder shall furnish with his proposal two copies of descriptive literature on the equipment being bid and the manufacturer's specifications in complete detail. Said brochure and manufacturer's specifications shall be sufficiently detailed to permit proper evaluation of bid
- When delivered the truck shall be complete in all parts and ready for immediate use
- The manufacturer shall warranty the truck and equipment installer shall warranty the equipment against defective materials and workmanship per specifications
- A statement providing the period of warranty coverage in both mileage/hours and in calendar time shall be provided and shall state any exclusions of units/parts
- Any item not specifically excluded in this statement shall be fully covered by the warranty
- Any defects shall be promptly corrected without cost to the City of Joliet
- No charges will be allowed for taxes. The City of Joliet is exempt from all Federal, State and Local taxes
- Two complete sets of shop manuals shall be provided upon delivery of each truck. Such manuals shall cover the truck chassis and all equipment installed thereon. Failure to provide these manuals at the time of delivery may subject the completed unit to rejection as incomplete and further may delay payment of the invoice
- The completed unit shall be equipped with the manufacture's equipment and accessories which are included as standard in the published literature for the unit. No such item of equipment or accessory shall be removed or omitted for the reason that it

was not specified. Standard product items may be removed only where it is necessary to install other items in lieu thereof in order to comply with these specifications

- The ultimate quantity of units purchased shall be at the option of the City of Joliet
- All articles provided shall be new, unused and of current design and production
- All submitted bids must include pricing for the purchase of one unit and any discount pricing for the purchase of two units
- Questions regarding technical items contained in these specifications should be directed to:

Mr. David Druzik
City of Joliet
Superintendent of Fleet Services
402 N. Chicago St.
Joliet, IL 60432
(815) 724-4300

- **Fleet standardization. It is expressly understood that unless a situation stating *NO EXCEPTION* is made for a given article, that a substitution of like kind and quality may be made. It is the intent of the City to fully standardize this dump body and hoist, therefore these articles are subject to the *NO EXCEPTION* stipulation**

**BID SPECIFICATIONS FOR HEAVY DUTY TANDEM AXLE CHASSIS 6X4 WITH
DUMP BODY & ACCESSORIES**

TYPE:

Current model year 2019/2020 Tandem axle cab and chassis **YES _____ NO _____**
62,540 GVWR, conventional cab, 195" minimum wheel base
with 128" cab to trunnion, set back front axle

ENGINE:

Cummins L9 minimum 330 HP @ 2000 RPM minimum **YES _____ NO _____**
1,000 FT/LB torque @1,400 RPM 2,200 RPM governed speed
EPA certified for 2018 emissions with SCR technology. Turbo
charged and after cooled. Stainless steel oil pan with minimum
24-quart capacity. Heavy duty dual element air cleaner with restriction indicator.

ENGINE WARRANTY:

Minimum 60 months 6,000 hours 100% parts and labor on any **YES _____ NO _____**
internally lubricated part of the engine including turbo charger and
fuel transfer pump. All harnesses and connectors of the engine
control system, IDM, ECM, fuel injectors. Warranty to begin on the
date that the completed vehicle is accepted and put into service
by the Joliet Fleet Services.

ELECTRICAL:

- A. Heavy duty 12-volt 160-amp alternator. YES _____ NO _____
- B. 3 – maintenance free 12-volt batteries. 1950 CCA minimum with remote mounted jump start stud. YES _____ NO _____
- C. Batteries mounted in a steel battery box with fiberglass cover. YES _____ NO _____
- D. All engine compartment wiring must be encased in convoluted tubing and all chassis wiring in frame rails must be encased in jacketed cable. YES _____ NO _____
- E. Manual reset circuit breakers shall replace all fuses in circuits rated for more than 5 amps. Breakers shall be type III with trip indicators. YES _____ NO _____
- F. Type 2 terminal post mounted in Cab with a power distribution center for uses as an all circuit power source. YES _____ NO _____
- G. 2 cigar lighter plugs with a separate auxiliary dash mounted cigar type power receptacle. YES _____ NO _____
- H. 2 USB charging receptacles YES _____ NO _____
- I. Body builder wiring to rear of frame with stop/tail/turn and marker light circuits, ignition controlled auxiliary feed. Groundless trailer socket. YES _____ NO _____
-
-
-

TRANSMISSION:

- A. Allison RDS close ratio 6-speed automatic transmission with push button shift control. YES _____ NO _____
- B. Left and right side PTO Provision Less Retarder YES _____ NO _____

- C. Allison WT with spare input/output. YES _____ NO _____
 - D. Integral mechanical lockup YES _____ NO _____
 - E. External cooler and filter. YES _____ NO _____
 - F. Transmission ECM mounted inside cab YES _____ NO _____
-
-
-

TRANSMISSION WARRANTY:

Minimum 2-year unlimited mileage. YES _____ NO _____

COOLING SYSTEM:

- A. Heavy duty radiator and cooling system with integral coolant conditioner and spin on coolant filter element. YES _____ NO _____
 - B. Engine equipped Horton Drive-Master nylon cooling fan with automatic on/off control. YES _____ NO _____
 - C. Radiator will include transmission cooler. YES _____ NO _____
 - D. Radiator and heater hoses shall be silicone, molded type YES _____ NO _____
 - E. Hose clamps shall be constant torque for all hoses over 1.0" diameter. YES _____ NO _____
 - F. 120 volt/1250 watt engine block heater with connector socket mounted below driver's door. YES _____ NO _____
-
-
-

EXHAUST:

- A. Muffler and after treatment device RH under cab with shielding. YES _____ NO _____

- B. Vertical bright finish tailpipe, tailpipe guard and frame mounted on right side with under cab muffler. Vertical muffler not acceptable. YES _____ NO _____
 - C. Turn back type tail pipe for single exhaust. YES _____ NO _____
 - D. Stainless steel flex pipe. YES _____ NO _____
 - E. Exhaust height of 10' 11" YES _____ NO _____
-
-
-

FRONT AXLE:

- A. Meritor MFS 20 20,000 LB front axle. YES _____ NO _____
 - B. Greaseable, sealed bronze king pin bushings. YES _____ NO _____
 - C. Equipped with Stemco oil seals and synthetic lube. YES _____ NO _____
 - D. Equipped with parabolic tapered leaf springs with 20,000 LB capacity. YES _____ NO _____
 - E. Heavy duty shock absorbers. YES _____ NO _____
 - F. Sheppard M-100/M-80 dual power steering. YES _____ NO _____
-
-
-

REAR AXLE:

- A. Dana Spicer D46-170 rear axle single reduction 46,000 lb. capacity with no spin locking differential. YES _____ NO _____
- B. Reduction shall render governed top speed of 60 miles per hour maximum. YES _____ NO _____
- C. Power divider lock out and electric over air operated cab control with indicator light. YES _____ NO _____

D. Rear suspension shall be Hendrickson HMX-460-54 **YES** _____ **NO** _____

walking beam type 54" axle spacing 46,000 lb.

capacity with rubber springs, rubber end bushings

and transverse torque rods less shock absorbers.

E. Spring pins shall include maintenance free rubber bushings **YES** _____ **NO** _____

DRIVE LINE:

A. Spicer SAE1020 with nylon coated splines and quick **YES** _____ **NO** _____

service half round end yokes, 1710 HD main shaft

and 1610 inter-axle shaft.

BRAKES:

A. Front brakes shall be 16.5 X 6-inch air cam actuated **YES** _____ **NO** _____

with 24 sq. in. long stroke brake chambers.

B. Rear brakes shall be 16.5 X 7-inch air cam actuated with **YES** _____ **NO** _____

MGM TR 3030 long stroke brake chambers.

C. Rear brakes shall include spring actuated parking brake **YES** _____ **NO** _____

to be activated by a color-coded yellow knob located on

the instrument panel.

D. Automatic slack adjusters and dust shields on front **YES** _____ **NO** _____

and rear.

E. Bendix ABS full vehicle wheel control system (4 channel). **YES** _____ **NO** _____

AIR SYSTEM:

- A. Bendix Tu-Flo 550 series air compressor rated at 13.2 CFM **YES** _____ **NO** _____
or greater.
 - B. Full dual air with moisture ejected, auto heated Bendix **YES** _____ **NO** _____
AD-9 air dryer.
 - C. Bendix automatic drain valve model DV-2 with heater **YES** _____ **NO** _____
 - D. Spring brake modulation system. **YES** _____ **NO** _____
-
-
-

FRAME:

- A. Single heat-treated alloy steel frame rail (120,000 psi yield) **YES** _____ **NO** _____
 - B. Minimum dimension of 10.866" X 3.622" X 0.375. **YES** _____ **NO** _____
 - C. Minimum resisting bending moment 2,500,000. **YES** _____ **NO** _____
 - D. All fasteners flanged head grade 8. **YES** _____ **NO** _____
 - E. Two frame mounted front tow hooks. **YES** _____ **NO** _____
 - F. Powder coated argent steel swept back front bumper **YES** _____ **NO** _____
-
-
-

TIRES/WHEELS:

- A. (2) front tires #315/80 R 22.5 unisteel G291 Goodyear, **YES** _____ **NO** _____
482 REV/Mile, load range J.
- B. Front disc 22.5" white powder coat painted steel, 10-stud, **YES** _____ **NO** _____
hub piloted, flanged nut, metric mount, 9.0 DC rims with
steel hubs.
- C. (8) rear tires 12R/22.5 unisteel 16 ply G282MSDM+S **YES** _____ **NO** _____
Goodyear, 481 REV/Mile load range H.

- D. Dual rear disc wheels 22.5 white powder coat painted steel, 10 stud, hub piloted, flanged nut, metric mount, 8.25 DC rims with steel hubs. YES _____ NO _____
- E. (1) front (1) rear spare tire and wheel with each vehicle YES _____ NO _____
-
-
-

FUEL TANK:

- A. 100 gallon "D" style aluminum top draw fuel tank. YES _____ NO _____
- B. 19" depth mounted under left side of cab. YES _____ NO _____
- C. Stainless steel mounting straps with full width rubber gasket between strap and tank. YES _____ NO _____
- D. Nylon tubing fuel lines with snap on O ring quick connect fittings on both ends. YES _____ NO _____
- E. Factory installed heated primary and secondary fuel filters in line prior to injection pump. YES _____ NO _____
- F. Minimum DEF tank capacity 7 gallons. YES _____ NO _____
-
-
-

CAB INTERIOR:

- A. Factory installed air ride cab. YES _____ NO _____
- B. Instrument panel will consist of the following gauges: coolant temperature, engine oil pressure, hourmeter, voltmeter, air pressure, tachometer, speedometer and fuel level. Warning lights are supplementary to gauges. YES _____ NO _____
- C. Warning indicators with alarm for low engine oil pressure, high coolant temp, low coolant level and transmission temperature gauge. YES _____ NO _____

- D. High output integral heater/air conditioner and defroster with 3 speed blower fan. **YES** _____ **NO** _____
- E. Switches for heated mirrors should be located on the instrument panel. **YES** _____ **NO** _____
- F. Filter minder air cleaner restriction gauge mounted in the instrument panel. **YES** _____ **NO** _____
- G. Wiper switch including control for intermittent wiper incorporated on the turn signal switch lever. **YES** _____ **NO** _____
- H. AM/FM electronically tuned radio including capability for NOAA weather broadcasts. **YES** _____ **NO** _____
- I. Automatic canceling heavy duty turn/hazard signal switch with heavy duty flasher. **YES** _____ **NO** _____
- J. Sun visors driver and passenger sides. **YES** _____ **NO** _____
- K. Molded armrest located on each door. **YES** _____ **NO** _____
- L. Factory installed power windows. **YES** _____ **NO** _____
- M. Factory installed power door locks. **YES** _____ **NO** _____
- N. Custom type cab that includes sound deadening and ventilation package with sound insulation for the dash and engine cover. **YES** _____ **NO** _____
- O. Black rubber flooring. **YES** _____ **NO** _____
- P. Dome light with door activated courtesy lights. **YES** _____ **NO** _____
- Q. Grab handles located on each A pillar **YES** _____ **NO** _____
- R. Overhead console with storage pockets with retainer nets **YES** _____ **NO** _____
- S. Factory installed dash mounted 6 pack rocker switches. **YES** _____ **NO** _____
Switches are protected by factory circuit breaker and terminate behind the left-hand seat in a power distribution panel.
- T. Tilt adjustable steering column. **YES** _____ **NO** _____
- U. Control for electric horns and electronic variable speed throttle control mounted on steering wheel. **YES** _____ **NO** _____

- V. Air suspended high back driver and passenger seats with integral headrests. Cloth covered isolated with 2 position front cushion adjustment. 6 to 17-degree seat-back adjustment with adjustable lumbar support. YES _____ NO _____
- W. Seats equipped with 3-point lap and shoulder belt. YES _____ NO _____
- X. Seat air controls (National 2000 Model 295) located on side of seat to prevent accidental operation by occupant's leg. YES _____ NO _____
- Y. Total of 6 ignition and door keys. YES _____ NO _____
-
-
-

CAB EXTERIOR:

- A. Factory painted base coat/clear coat code #6894 Blue. YES _____ NO _____
- B. Conventional style cab with tilting fiberglass hood assembly, stationary front grille with bug screen. YES _____ NO _____
- C. Injection molded TPO fender extensions. YES _____ NO _____
- D. Dual electric 2-speed cowl mounted windshield wipers with intermittent feature. YES _____ NO _____
- E. Electric windshield wipers. YES _____ NO _____
- F. Air solenoid operated single trumpet air horn mounted behind front bumper. YES _____ NO _____
- G. Dual powered 7.55" X 14.10" with 102" wide spacing rectangular mirrors with integral convex both sides with heated heads, thermostatically controlled, LED clearance lights with breakaway brackets. YES _____ NO _____
- H. Safety tread steps with self-cleaning mud and snow grates at entry points on both driver and passenger side of cab. YES _____ NO _____
- I. Grip strut step located below the step recess under the fuel tank. YES _____ NO _____
- J. Grab handle located on the left side B pillar. YES _____ NO _____

- K. Parking lights with integral turn signals. YES _____ NO _____
- L. Lexan lenses. YES _____ NO _____
- M. Par 56 halogen sealed beam headlights. YES _____ NO _____
- N. 5 ICC marker and clearance lights. YES _____ NO _____
- O. All glass to be tinted. YES _____ NO _____
- P. Splash guards installed to protect the battery box, steps fuel tank and air tanks. YES _____ NO _____

BODY:

- A. Cross member less type dump body constructed of steel. Cross members are not acceptable. YES _____ NO _____
- B. Capacity shall be 11.5 to 14.1 cu yard. YES _____ NO _____
- C. Inside length shall be 15'. YES _____ NO _____
- D. Inside width shall be 84" at front. YES _____ NO _____
- E. Side height shall be 36". YES _____ NO _____
- F. Tailgate height shall be 44". YES _____ NO _____
- G. Head sheet height shall be 58". YES _____ NO _____
- H. One piece 7-gauge steel strength sides and head sheet. YES _____ NO _____
- I. Seamless fully boxed top rail, horizontal side brace and bottom rub rail shall be sloping (dirt shedding). YES _____ NO _____
- J. One piece tapered front corner post with 4" side board pocket. YES _____ NO _____
- K. 7-gauge full depth rear corner post tied to an 8" structural channel rear apron. Joint further reinforced with a 1/4" plate to prevent flexing. Dog house formed in and extend to a maximum of 13" into the load area. YES _____ NO _____
- L. Entire body continuously welded. Skip welds with caulk filler between welds will not be accepted. YES _____ NO _____

- M. $\frac{1}{4}$ " X $1\frac{1}{2}$ " flat steel bar tarp/step rails located at the top of the rub rail slope and top of center brace slope. **YES** _____ **NO** _____
- N. Must be fastened longitudinally and be flush with the outside of the rails to serve as a walk rail and a tarp tie rail. **YES** _____ **NO** _____
- O. The bar on both the street and curb side will be welded at the front and rear corner posts of the dump body with stand offs placed between the bar and the body side equally spaced no more than 36" apart. **YES** _____ **NO** _____
- P. The standoffs will be the same material as the bar and welded to the body side and bar. **YES** _____ **NO** _____
- Q. A steel folding ladder will be welded to the front left corner of the dump body. **YES** _____ **NO** _____
- R. The floor shall run full length and be one-piece $\frac{1}{4}$ AR 400 steel continuously welded 2" wide floor to side radius. **YES** _____ **NO** _____
- S. Long sills shall be one piece 8" X 13.0 lb. I beam **YES** _____ **NO** _____
- T. Mounting height shall not exceed 9". **YES** _____ **NO** _____
- U. Tailgate will be one piece of 7-gauge steel with a minimum of two horizontal braces and lifting D ring for removal. **YES** _____ **NO** _____
- V. Fully boxed perimeter with all horizontal surfaces sloped outward (dirt shedding). **YES** _____ **NO** _____
- W. $\frac{1}{2}$ " minimum flame cut numbering upper pivots with no fewer than two per side. **YES** _____ **NO** _____
- X. 1" minimum flame cut offset type upper hinge plates. **YES** _____ **NO** _____
- Y. $\frac{3}{4}$ " minimum lower latch plates with no fewer than two per side. **YES** _____ **NO** _____
- Z. 1 $\frac{1}{4}$ " minimum upper and lower steel pins **YES** _____ **NO** _____
- AA. All above hardware shall be steel. **YES** _____ **NO** _____
- BB. Standard type 24 air brake chamber with a spring over center latch air trip tailgate release to prevent accidental release of tailgate in the event of a loss of air pressure. **YES** _____ **NO** _____

- CC. Stainless steel bushings on all pivot points to reduce seizing with grease zerks. **YES** _____ **NO** _____
- DD. Manual push-pull type air cab control valve. **YES** _____ **NO** _____
- EE. Lines running from cab to air chamber to be protected by loom and carefully secured to prevent damage by mechanical forces or heat.
- FF. Formed 10-gauge steel cab shield attached to front of the body by continuous weld on top, sides and bottom to prevent rust and staining of the front body. **YES** _____ **NO** _____
- GG. Cab shield shall extend forward from the body a distance of 22" and clear the cab roof by 2" min and 4" max. **YES** _____ **NO** _____
- HH. Support gussets shall form the sides of the cab shield and be continuously welded. **YES** _____ **NO** _____
- II. 8-gauge steel sloping side boards matching the horizontal top and bottom rails of the body. These shall fit into the pockets of the front and rear corner posts and lap over the inside of the along their full bottom length attached to the dump body with threaded fasteners. Welding is unacceptable. All side boards equipped with inside D rings for installation and removal. **YES** _____ **NO** _____
- JJ. 24" X 36" rubber mud splash guards will be the no sail Type and positioned behind each rear drive wheel. These should be mounted to the dump body in compliance with state and local statues with regards to position and function. **YES** _____ **NO** _____
- KK. One 12" X 24" 10-gauge stainless steel flap welded to body with a 24" X 20" rubbed flap bolted to it. This flap should be located in front of each drive wheel and fastened to the bottom of the dump body by welding. **YES** _____ **NO** _____
- LL. All steel painted surfaces shall be high pressure cleaned and phosphate prior to application of epoxy primer. **YES** _____ **NO** _____

- MM. All exterior body surfaces will be treated with a biodegradable cleaner. YES _____ NO _____
- NN. All normally painted areas and undersides must be undersides must be first thoroughly washed to remove oil, welding debris and dirt before priming. These areas will then be thoroughly primed prior to application of finish paint. YES _____ NO _____
- OO. Underside and chassis area shall be gloss black industrial enamel. YES _____ NO _____
- PP. Dump body shall be primed then painted #6894 blue single stage paint. YES _____ NO _____
- QQ. The entire body structure shall be constructed of new and unused material. YES _____ NO _____
-
-
-

HOIST:

- A. Mailhot model CS-130-6-3 DA Class 100 Cylinder covered by a two-year manufacturer warranty. YES _____ NO _____
- B. Three (3) stage telescopic sealed bore with nitride sleeves. YES _____ NO _____
- C. Connecting pivots with replaceable greaseable bushings. YES _____ NO _____
- D. The cylinder should operate with the largest stage at the bottom. (Not inverted) YES _____ NO _____
- E. The one-piece modular cradle sub frame incorporates body props, body guides and greaseable bushings. YES _____ NO _____
- F. Cylinder collar shall permit 5° oscillation and be affixed to truck by mounting angles bolted through sides truck frame. YES _____ NO _____

- G. 6" X 6" X ½" structural steel rear hinge angle welded to the truck frame at this point. NO other welding shall be done to the frame of the truck. YES _____ NO _____
- H. 2" 201 Stainless steel hinge pins connecting thru solid 2 ½" hinge blocks employing greaseable blocks. YES _____ NO _____
-
-
-

HYDRAULIC SYSTEM:

- A. The hydraulic pump shall be an axial piston pressure and flow compensated load-sensing type. YES _____ NO _____
- B. The pump shall have a displacement of 5.61 cubic inches per revolution at maximum stroke which will deliver 23.7 GPM @ 1000 engine RPM. YES _____ NO _____
- C. The pump shall have a minimum of 2" inch suction line and ½" control drain line plumbed directly back to reservoir. YES _____ NO _____
- D. The pumps compensator shall have rear facing adjustments. YES _____ NO _____
- E. The pump shall be rated for 5800 PSI maximum and 4800 PSI continuous. YES _____ NO _____
- F. The pump shall be **FORCE America TXV2** or prior approved equal. An **OMFB series hot shift PTO** that is mounted to the transmission shall drive the pump. YES _____ NO _____

SHUTDOWN SYSTEM

- G. They system shall be designed so that when the float contacts close, the PTO will disengage and stop pump flow. YES _____ NO _____
- H. In cab installation of PTO control switch and enunciator in control console will alert the driver that the PTO has been disengaged. YES _____ NO _____

- I. The control console will also incorporate an override switch wired to de-energize the shutdown system to facilitate diagnostics and equipment storage. YES _____ NO _____

HIGH PRESSURE FILTER

- J. There shall be a high-pressure filter plumbed between the hydraulic pump and the control valve assembly. YES _____ NO _____

- K. The hydraulic filter shall be a 25-micron absolute and rated for 6000 psi. YES _____ NO _____

- L. The filter shall be model **HP17125VG30EPUG5S2AE7050P** or prior approved equal and be equipped with a visual and electrical bypass indicator. YES _____ NO _____

- M. The electrical indicator shall be wired to the control console. YES _____ NO _____

VT 35 RESERVOIR/VALVE ENCLOSURE

YES _____ NO _____

- The hydraulic reservoir will be of 35 gallons nominal capacity.
- The hydraulic reservoir will be constructed of 10-gauge 201 stainless steel with a 2 B finish and be internally baffled.

- The valve enclosure lid will protect from both road and pressure washer spray.
- For ease of removal by a single person, the valve enclosure lid shall weigh less than 22 lbs.
- The valve enclosure lid shall be stainless steel.
- The valve enclosure lid shall be attached to the reservoir via (4) rubber straps that can be removed without the use of any tools.
- Mounting bracket is to be designed and supplied by the reservoir supplier.
- Mounting system should allow for a 1" frame clearance for frame obstructions.

- Shall be mounted in a manner as to not transmit any truck torsional loads thru the tank.

- The enclosure will use a gasket-less passive technology.

(No rubber seals, gaskets, or weather stripping.)

- The enclosure lid will be removable within seconds by one person without the use of tools.

- All valve fittings, hose ends, filter, filler breather, sending units and any electrical connections are to be protected by enclosure cover.

- The reservoir supplier will provide all valve fittings (JJC connections) and pump the return line from the valve to the filter.

- The use of bulkhead fittings is not permitted.

- The directional control valve must be easily accessible from all (6) sides without the use of tools.

- Hose exit and entrance must allow for components to be mounted adjacent to the enclosure.

- A 2" full flow brass ball valve shall be plumbed at the suction port of the tank.

- A low oil/high temp sending unit shall be mounted in the reservoir.

The valve/tank assembly shall be a **FORCE America model**

"VT35G2-B-SP Valve/Tank Assembly"

FILTER

A. Hydraulic oil filter shall be mounted in the reservoir **YES _____ NO _____**

B. Hydraulic filter shall be rated no less than 80 GPM. **YES _____ NO _____**

C. Filter shall be **ZINGA model TS-1600-25-1S0/25** **YES _____ NO _____**

ZSRE-409-10E micro-glass filter element and be equipped with visual filter condition indicator gauge.

HYDRAULIC CONTROL VALVE

A. Sectional 1 spool parallel circuit closed center control **YES _____ NO _____**

valve. This section shall be four way for control of the dump body hoist. Valve to have 500 lb. work port relief

built into control valve in A port. Valve shall be mounted on outside of truck frame on brackets adequate to support valve and hosing.

- B. The main control valve should be operated by level **YES** _____ **NO** _____
Located on a riser to the immediate right of the driver seat. The lever shall be attached to the valve spool via flexible core fully sealed control cables.
- C. Single axis type dump body hoist control allows the raise/ lower function. The lower function shall be the position toward the front of the truck. The dump body control will be located nearest the driver. Lower function shall have a push button lockout **YES** _____ **NO** _____
- D. The location of all controls must be placed in the truck cab **YES** _____ **NO** _____
to allow convenient reach and operation by the driver while comfortably seated in an upright position.
- E. All hydraulic lines and plumbing shall be of sufficient capacity so as not to create heat or turbulence within hydraulic system. **YES** _____ **NO** _____
- F. Suction line between reservoir and pump shall be a minimum of 2 in. I.D. with a minimum SAE 100-R4 rating and shall be secured on both ends via heavy duty banding straps, radiator hose clamps unacceptable. **YES** _____ **NO** _____
- G. Protective covering to be applied where hose may may contact abrasive edges. **YES** _____ **NO** _____
- H. All pressure hoses, including signal sense to pump shall have swivel fittings on both ends and have a minimum SAE 100-R2 rating. **YES** _____ **NO** _____
- I. Return lines and case drain shall have minimum SAE 100-R1 rating. **YES** _____ **NO** _____

- J. Hydraulic lines shall be routed to minimize interference with equipment and chassis components requiring periodic servicing. **YES _____ NO _____**
- K. Support brackets, grommets, and tie wrap shall be provided where appropriate to protect lines from damage by abrasion, cutting or impact. **YES _____ NO _____**
- L. Hoses shall not be routed near exhaust manifolds, pipes, bolts, sharp edges and exhaust system to prevent wear, fatigue or fire. Pipe fittings are not acceptable in any high-pressure line. **YES _____ NO _____**
- M. Maximum distance between support clamps on all hydraulic lines shall be 24 in. **YES _____ NO _____**
- N. Rigid 304 Stainless Hydraulic tubing shall be used to route hydraulics from the front to rear of the chassis and body. **YES _____ NO _____**
- O. Hydraulic hose whips are allowed for pivot point connections between tubing runs for final terminations at valve bodies, drive motors. **YES _____ NO _____**
- P. Tubing ends shall be flared ends with all stainless steel nuts and hardware and shall accommodate tapered JIC fittings. **YES _____ NO _____**
- Q. Tubing shall be fastened to the chassis with polyethylene shock resistant pipe clamps to cross supports. **YES _____ NO _____**
- R. The valve body shall have a high-quality liquid filled direct reading gauge, visible when the enclosure cover is removed showing pressures when trouble shooting the system. The gauge shall be permanently plumbed into the valve body providing standby and full system pressure readings. High pressure gauge must be 5,000 PSI gauge. **YES _____ NO _____**

ELECTRICAL:

- A. LED clearance, marker and identification lights. All **YES _____ NO _____**
lights and reflectors must comply with Illinois Vehicle Code
and F.V.V.S.S. #108 requirements as amended.

Certification required.

- B. Stainless bolts should be used for installation of cab **YES _____ NO _____**
roof lighting. The legs, cross bar and gussets must be
fabricated of 12-gauge 304 stainless steel and welded
together as an assembly. The legs should be bolted through
the cab roof side using # 12-24 stainless steel truss head
machine screws with nylon stop nuts. A minimum of four (4)
bolts should be used on each side. The Cross bar should be
a maximum of 72" long and not extend past the cab width.
When installed, the roof bar should maintain the lowest profile
possible and clear the highest point of the cab by 2" maximum.

- C. To maintain the low profile of the roof bar, **YES _____ NO _____**
all air horns, radio antennas and similar features
must not be installed on the cab roof.

- D. Whelen LED System Model # DOT IL L2KD LED special **YES _____ NO _____**
warning lights which consist of:
(1) Whelen Justice Bar with 2 forward facing work light
heads. This light bar is mounted on a custom stainless
steel bar.

- E. Four 500 Series directional amber LED heads measuring **YES** _____ **NO** _____
 5" X 1 5/8" are mounted in 10-gauge stainless steel housings and recessed into the rear corner posts of the dump body. These housings will also accommodate one 500 series brake/tail/turn LED signal light with a red lens. These lights are located immediately below the amber LED heads. All light heads located in the recessed stainless steel housings are equipped with Deutsch waterproof plugs. All LED heads are powered by an internal flasher located in each light head. (3) switches located on the switch panel will control the LED system.
- F. 2 LED work lights mounted on a light bar facing forward. **YES** _____ **NO** _____
- G. Right and left 700 series stop, turn, amber lights in **YES** _____ **NO** _____
 stainless steel housings mounted on the back of the dump body cab shield. Facing rear ward.
- H. All wire entry points in the water proof terminal box shall **YES** _____ **NO** _____
 be compression type and shall tightly fit the wire jacket at the entry point. The feeder cable shall terminate with a standard 6 way round trailer connector plug and socket located adjacent to the pintle hook.
- I. PAR 46 LED sealed beam spreader light (minimum **YES** _____ **NO** _____
 1350 lumens) with a flood style pattern should be enclosed in a rubber housing. The light is attached to the lower side of the LED mounting platform located on the rear of the material spreader hopper. The light should illuminate the area covered by the discharge pattern of the material spreader. The switch is located on the switch panel.
- J. Two model 600 LED chassis mounted brake/tail/stop/turn **YES** _____ **NO** _____
 lights will replace the OEM units. Located at the rear end of the frame rails in a water tight fabricated stainless steel box providing protection from impact. A 600 LED lamp with

clear lens will be provided and installed at or near the center of the rear chassis frame and serve as back up light. (2) LED lights, one on each side, should be recessed into the rear corner posts of the dump body and act as rear side marker lights.

- K. All wire entry points in the waterproof terminal box shall **YES** _____ **NO** _____ box shall be compression type and tightly fit the wire jacket at the entry point. The original equipment chassis wiring running to the tail lights shall not be cut, spliced or tampered within any way. If it becomes necessary to disconnect this wiring in order reroute, it must be disconnected inside the tail light terminal box and reconnected there upon completion. The wiring harness shall be used without cutting or splicing and shall terminate only in the two rear corner posts of the dump body and truck cab. Wiring for marker lights, clearance lights, backup alarms or other electrical accessories whether specified or not shall be connected in rear light waterproof box, surface mounted at the rear of the chassis frame and located on the rear face of the rear frame cross member to provide easy access for maintenance.
- L. All wiring shall be in continuous runs without splicing and **YES** _____ **NO** _____ color coding shall be consistent along the entire wire length. No connections should be made to the harness except in the cab of the truck. "Tap in" connectors such as Scotch locks are not permitted in this or any City of Joliet fleet vehicles. Use of such will result in non-compliance of specifications.
- M. Frame mounted Class C 97 db. Electronic back-up alarm **YES** _____ **NO** _____ back-up light circuit of the truck chassis.

- N. Buell Strombo air horn mounted behind the front bumper **YES** _____ **NO** _____
 on each frame rail. NO EXCEPTIONS DUE TO FLEET
 STANDARDIZATION. Horns should be connected to operate
 simultaneously and placed so sound projects forward through
 a hole in the bumper controlled by an electrically operated
 air valve located near the horns. The air valve shall be
 operated by the horn button on the steering wheel.
- O. Cab installed electronic trailer brake controller with **YES** _____ **NO** _____
 manual lever for braking without the use of truck brake
 pedal. Shall have adjustable sensitivity increments (0-10)
 controller must be compatible with factory wiring.
-
-
-

PINTLE HOOK:

- A. The 30,000 lb. capacity hook should be mounted **YES** _____ **NO** _____
 beneath the rear hinge of the dump body by a full
 face ¾" plate welded to both the hinge angle bottom
 and frame rail supports and extend downward to place
 the hitch 26" from the ground. Adequate bracing
 should ensure full capacity of the hitch. The provided
 safety chain loops should be adjacent to the pintle hook.
 A license plate bracket and light will be mounted above
 the hitch.
- B. (2) tow hooks should be mounted to the rear frame **YES** _____ **NO** _____
- C. A seven-way flat pin with brake wiring. Female trailer **YES** _____ **NO** _____
 light receptacle should be installed adjacent to the pintle
 hook. The 14-gauge seven conductor wiring should be
 continuous with each conductor being separately insulated.
 The cord should terminate inside the receptacle at both the

rear of frame and inside of truck cab

MISCELLANEOUS:

A. When delivered, the vehicle shall comply with all applicable IDOT, EPA, OSHA and FMVSS regulations and all provisions of the Illinois Vehicle Code as they apply to vehicles of this division. Certification as to the compliance is required. A valid certificate of safety compliance issued by the Illinois Department of Transportation shall be affixed.

ALL BIDDERS SHALL LIST THE FOLLOWING INFORMATION REGARDING THE TRUCK CHASIS AND BODY SUPPLIED

YEAR OF TRUCK	
MAKE OF TRUCK	
MODEL OF TRUCK	
MAKE/MODEL OF DUMP BODY	
GVWR	
WHEEL BASE	
C.A.	
ENGINE	
ALTERNATOR (IN AMPS)	
FRONT AXLE (IN LBS)	

FRONT SPRINGS	
REAR AXLE (IN LBS)	
REAR SPRINGS	
ENGINE (MANUFACTURER)	
ENGINE (RATINGS)	
FUEL TANK CAPACITY (IN GALLONS)	
TRANSMISSION	
FRONT TIRE & WHEELS (MANUFACTURER)	
FRONT TIRES & WHEELS (SIZE)	
REAR TIRES & WHEELS (MANUFACTURER)	
REAR TIRES & WHEELS (SIZE)	

CITY OF JOLIET
STATE OF ILLINOIS

PROPOSAL FORM

NOTE: ALL BLANKS ON EACH AND EVERY SHEET OF THIS PROPOSAL SHALL BE COMPLETED. FAILURE TO COMPLETE ALL BLANKS SHALL BE GROUNDS FOR REJECTION OF BIDS.

TO THE MAYOR AND CITY COUNCIL OF JOLIET, ILLINOIS:

1. PROPOSAL OF _____
(Name and Address of Bidder)

TWO (2) HEAVY DUTY TANDEM AXLE CAB / CHASIS 6X4 TRUCKS WITH DUMP BODY AND ACCESSORIES, equipped in accordance with and as specified in these proposal documents.

ONE EACH: \$ _____

TOTAL AMOUNT FOR TWO (2) TRUCKS: \$ _____

Anticipated Delivery Date: _____

Delivery of vehicle is to include price of delivery to City of Joliet Fleet Services, 402 N. Chicago St., Joliet, IL 60432

SUBMITTED BY: _____
Print Name of Company

BY: _____
Signature of person authorized to sign bid

TITLE _____

ADDRESS _____

E-MAIL ADDRESS: _____

PHONE (_____) _____

DATE _____

2. This set of contract documents shall remain intact and shall be submitted in its entirety with the proposal.

(IF AN INDIVIDUAL)

SIGNATURE OF BIDDER _____ (SEAL)

BUSINESS ADDRESS _____

(IF A CO-PARTNERSHIP)

FIRM NAME _____ (SEAL)

SIGNED BY _____ (SEAL)

BUSINESS ADDRESS _____

Insert Names and _____
Addresses of All _____
Members of the firm _____

(IF A CORPORATION)

CORPORATE NAME _____

SIGNED BY _____

President

BUSINESS ADDRESS _____

(CORPORATE SEAL)

PRESIDENT _____

Insert Names of Officers SECRETARY _____

TREASURER _____

ATTEST: _____

Secretary

CONTRACT SPECIFICATION - DEVIATIONS AND SUBSTITUTIONS

Pursuant to Section 15 of the Instructions to Bidders, please list any and all deviations and substitutions made in the Contract Specifications here:

All deviations or substitutions must meet or exceed the specifications.

SUBMITTED BY:

 Print Name of Company

BY: _____
 Signature of person authorized to sign bid

TITLE _____

ADDRESS _____

E-MAIL ADDRESS: _____

PHONE (_____) _____

DATE _____

Limited Liability Company

The state of registration is: _____

The registered agent of the Limited Liability Company in Illinois is:

Name _____

Address _____

City State Zip _____

The registered office of the Limited Liability Company in Illinois is:

Address _____

City State Zip _____

The managers and members of the Limited Liability Company are:

Name

Name

Address

Address

City, State

City, State

The LLC is authorized to do business in the State of Illinois

Sole Proprietorship

The address of the sole proprietor is:

Address

City, State

The sole proprietor transacts business in Illinois under the following assumed names:

BID RIGGING AND BID ROTATING

Section 2: That in connection with this solicitation for bids/proposals:

- A. The bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation;
- B. The bidder has not in any manner directly or indirectly sought by consultation, communication or agreement with anyone to fix the bid price of said bidder or any other bidder or to fix any overhead profit or cost element of such bid price or that of any other bidder or to secure any advantage against the public body awarding the contract or anyone interested in the proper contract;
- C. The bid is genuine and not collusive or sham;
- D. The prices or breakdowns thereof and any and all contents which had been quoted in this bid have not been knowingly disclosed by the bidder and will not be knowingly disclosed by the bidder directly or indirectly to any other bidder or any competitor prior to opening;
- E. All statements contained in such bid are true;
- F. No attempt has been made or will be made by the bidder to induce any other person or firm to submit a false or sham bid;
- G. No attempt has been made or will be made by the bidder to induce any other person or firm to submit or not to submit a bid for the purpose of restricting competition;

Section 2a

NON-COLLUSION

- A. No officer or employee of the City of Joliet has a direct or indirect pecuniary interest in this bid.
- B. No officer or employee of the City of Joliet has disclosed to the bidder any information related to the terms of a sealed bid.
- C. No officer or employee of the City of Joliet has informed the bidder that the bid will be accepted only if specified persons are included as subcontractors.
- D. Only the bidder will be entitled to the proceeds of the contract if this bid is accepted by the City of Joliet.
- E. This bid is made without the benefit of information obtained in violation of law.

- Section 3.** The undersigned further states that: (circle A or B)
- A. He is the person in the bidder's organization responsible within that organization for the decision as to the prices being bid herein and that he has not participated, and will not participate, in any action contrary to paragraphs A through G above; or
 - B. He is not the person in the bidder's organization responsible within that organization for the decision as to the prices being bid herein but that he has been authorized to act as agent for the persons responsible for such decision in certifying that such persons have not participated, and will not participate, in any action contrary to paragraphs A through G above and as their agent does hereby so certify; and
 - C. That he has not participated, and will not participate, in any action contrary to paragraphs A through G above.
- Section 4.** The undersigned certifies that the bidder has never been convicted for a violation of State laws prohibiting bid rigging or bid rotating.

***THE REQUIREMENTS OF THE
ILLINOIS DRUG FREE WORKPLACE ACT***

- Section 5.** The undersigned will publish a statement:
- A. Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited in the aforementioned company's workplace;
 - B. Specifying the actions that will be taken against employees for violations of this prohibition;
 - C. Notifying the employees that, as a condition of their employment to do work under the contract with the City of Joliet, the employees will:
 - 1. Abide by the terms of the statement; and
 - 2. Notify the aforementioned company of any criminal drug statute conviction for a violation occurring in the workplace not later than five (5) days after such a conviction.
 - D. Establishing a drug free awareness program to inform the aforementioned company's employees about:

1. The dangers of drug abuse in the workplace;
 2. The aforementioned company's policy of maintaining a drug free workplace;
 3. Any available drug counseling, rehabilitation, and employee assistance programs; and
 4. The penalties that may be imposed upon employees for drug violations.
- E. Making it a requirement to give a copy of the statement required by Section 5. to each employee engaged in the performance of the contract with the City of Joliet and to post the statement in a prominent place in the workplace;
- F. Notifying the City of Joliet within ten (10) days after receiving notice under Section 5.C.2. from an employee or otherwise receiving actual notice of such a conviction;
- G. Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is so convicted, as required by Section 6., below;
- H. Training personnel to effectively assist employees in selecting a proper course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that an effectively trained counseling and referral team is in place;
- I. Making a good faith effort to continue to maintain a drug free workplace through implementing these requirements.
- J. Making a good faith effort to continue to maintain a drug free workplace through implementation of this policy.

Section 6. The undersigned further affirms that within thirty (30) days after receiving notice from an employee of a conviction of a violation of the criminal drug statute occurring in the aforementioned company's workplace he shall:

- A. Take appropriate personnel action against such employee up to and including termination;
or
- B. Require the employee to satisfactorily participate in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

TAX COMPLIANCE

Section 7. The undersigned on behalf of the entity making the foregoing proposal certifies that neither the undersigned nor the entity is barred from contracting with the City of Joliet because of any delinquency in the payment of any tax administered by the State of Illinois, Department of Revenue, unless the undersigned or the entity is contesting, in accordance with the procedures established by the appropriate revenue act, liability of the tax or the amount of tax.

Section 8. The undersigned or the entity making the proposal or bid understands that making a false statement regarding delinquency in taxes is a Class A Misdemeanor and in addition, voids the contract and allows the municipality to recover all amounts paid to the individual or entity under the contract in a civil action.

NON DISCRIMINATION AND EQUAL EMPLOYMENT OPPORTUNITY

Section 9. This EQUAL EMPLOYMENT OPPORTUNITY CLAUSE is required by the Illinois Human Rights Act and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq.

Section 10. In the event of the contractor's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights (hereinafter referred to as the Department) the contractor may be declared nonresponsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

During the performance of this contract, the contractor agrees:

- A. That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- B. That, if it hires additional employees in order to perform this contract, or any portion hereof, it will determine the availability (in accordance with the Department's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- C. That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

- D. That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contract. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules and Regulations, the contractor will promptly so notify the Department and the contracting agency will recruit employees from other sources when necessary to fulfill its obligations thereunder.
- E. That it will submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contracts.
- F. That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations for Public Contracts.
- G. That it will include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this contract, the contractor will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the contractor will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

Section 11. For the purposes of subsection G of Section 10, "Subcontract" means any agreement, arrangement or understanding, written or otherwise, between a public contractor and any person under which any portion of the public contractor's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract," however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a bank or other financial institution and its customers.

Section 12. It is expressly understood that the foregoing statements and representations and promises are made as a condition to the right of the bidder to receive payment under any award made under the terms and provisions of this bid.

Section 13. Have written sexual harassment policies that shall include, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) the vendor's internal complaint process including penalties; (v) the legal recourse, investigative and complaint process

available through the Department and the Commission; (vi) directions on how to contact the Department and Commission; and (vii) protection against retaliation as provided by Section 6-101 of this Act. A copy of the policies shall be provided to the Department upon request.

Section 14. In the event that this contract is subject to Executive Order 11246, Seller certifies that it (1) is in compliance with Section 202 thereof and the Rules and Regulations issued thereunder; (2) does not and will not provide or maintain at any of its establishments, or permit its employees to perform their services at any location under its control where there are maintained, segregated facilities, and (3) agrees that a breach of this Certification violates the Equal Employment clause of Executive Order 11246. "Segregated Facilities," means facilities which are in fact segregated on a basis of race, color, creed, sex, religion or national origin, because of habit, local custom, or otherwise.

THE AMERICANS WITH DISABILITIES ACT

Section 15. As a condition of receiving this contract, the undersigned vendor certifies that services, programs and activities provided under this contract are and will continue to be in compliance with the Joliet Accessibility Code.

Signed by: _____

[name]

[title]

Subscribed and Sworn to before me this _____ day of _____, 20____.

By: _____

Notary Public

-seal-

AGREEMENT

THIS AGREEMENT is entered into on the date stated below by and between the between the City of Joliet, an Illinois Municipal Corporation (hereinafter "City") and _____ (hereinafter "Contractor").

In consideration of the mutual promises of the parties set forth in the Contract Documents, the Contractor agrees to timely perform all work, furnish all labor and materials necessary for the proper completion of the work; and the City agrees to pay for the work as set forth in the Contract Documents. The Contractor further agrees to comply with the provisions of the *Prevailing Wage Act* (820 ILCS 130/1 et seq.).

The Contract Documents shall consist of the following documents which are hereby made part of this Agreement as if recited at length herein:

- 1) **Legal Notice to Bidders**
- 2) **Instruction to Bidders**
- 3) **General and Special Conditions**
- 4) **Specifications and Drawings**
- 5) **Proposal Schedule (consistent with Contract Documents)**
- 6) **Affidavits**
- 7) **Performance Bond and Payment Bond**
- 8) **Addenda**

IN WITNESS WHEREOF, the City and the Contractor, by their duly authorized representatives have hereunto set their hands this _____ day of _____, 201__.

**CITY OF JOLIET,
An Illinois Municipal Corporation,**

Print name of Contractor

By: _____

**Steve Jones
Interim City Manager**

By: _____

Attest: _____

**Christa M. Desiderio
City Clerk**

Print Name: _____

Title: _____

Approved as to form:

**Martin J. Shanahan, Jr.
Corporation Counsel**