



Carrie Eklund
Central Services Manager
Finance Department

**INVITATION TO BID
CITY-WIDE VEHICLES
BID NO.: 1012-CW-146**

10/18/12

Name of Bidding Firm: _____

Address _____ City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

E-Mail: _____

Bid Opening Time and Date 11:00 a.m., Local Time, Wednesday, November 7, 2012

Bids will be accepted until the specified opening time and date. Any bidder attempting to deliver after the opening time and date will be refused.

Bid Deposit/Bid Bond: NO
Prevailing Wage NO
Performance Bond: NO

PLEASE MARK THE RETURN SEALED ENVELOPE:

- 1. Bid Opening Date and Time
- 2. Title of Job
- 3. Bid Number

RETURN BIDS TO:

City of Rockford
Central Services Manager
425 East State Street, 4th Floor
Rockford, Illinois 61104
Telephone: (815) 987-5560

BIDS SUBMITTED BY FASCSIMILE OR E-MAIL WILL NOT BE ACCEPTED

BID RESULTS:

Bid results may be obtained by telephone at (815) 987-5560, by fax at (800) 380-7174, or at www.rockfordil.gov

CITY OF ROCKFORD, ILLINOIS—BIDDING GENERAL CONDITIONS

1. Pricing. The bidder shall insert price for all bid items and all other information requested in these specifications. The price shall be the *full, delivered cost* to the City of Rockford with no additions.
2. Total versus “Per Item” Awards. The City generally awards contracts based on a lump sum basis to the lowest responsible and responsive bidder. However, the City may choose to award on a per item basis. Therefore, each bidder must submit pricing for each item indicated on the bid forms. Bidders must clearly indicate which items are bid and which are not.
3. Delivery of Merchandise. Delivery terms will always be Freight On Board (FOB)—Destination. The City of Rockford accepts no responsibility for the condition of any merchandise purchased prior to acceptance by City Personnel. Failure to comply with this requirement may constitute rejection of the bid.
4. Acceptance of Merchandise at Delivery. The City of Rockford reserves the right to refuse acceptance of delivered merchandise that differs substantially from the specifications in this invitation to bid or as otherwise permitted by Illinois law.
5. Prompt Payment Act. The City of Rockford intends to comply with the governmental prompt payment act. The awarded vendor will be paid upon submission of invoices to: City of Rockford Accounts Payable, 425 East State Street, Rockford, IL 61104.
6. W-9 Request for Taxpayer Identification Number. Prior to issuance of a purchase order, the successful bidder will be required to supply the City of Rockford with a federal W-9 Request for Taxpayer Identification Number and Certification. Failure to comply with this requirement will be considered a violation of contract terms, for which the City may bar the vendor from bidding for a period of up to three years.
7. Legal Compliance. The vendor awarded this contract will comply with all Federal, State, County, and City laws, ordinances, rules and regulations, which in any manner affect the product or service placed for bid herein. Lack of knowledge on the part of the awarded vendor of applicable law will in no way be cause for release of this obligation. If the City becomes aware of violation of any laws, ordinances, rules and regulations on the part of the awarded vendor, it reserves the right to reject any bid, cancel any contract, and pursue any other legal remedies deemed necessary.
8. Legal Requirements. This contract sets forth the entire final agreement between the City of Rockford and the bidder and shall govern the respective duties and obligations of the parties. The validity of this contract, and any disputes arising from the contract, shall be governed by the laws of the State of Illinois. Any litigation under this agreement shall be resolved in the trial courts of Winnebago County, State of Illinois. Should a provision of this contract be declared invalid by a court of competent jurisdiction, it shall not affect the validity of the remaining provisions of the contract.
9. Safety. Prevention of accidents at any project is the sole responsibility of the awarded vendor and its subcontractors, agents, and employees. The awarded vendor, its subcontractors, agents, and employees shall be fully and solely responsible for the safety of this project. The awarded vendor shall retain exclusive and direct control over the acts or omissions of its subcontractors, agents and employees, and any other persons performing portions of the work and not directly employed by the awarded vendor.

10. Criminal Background Check. When necessary for the protection of citizens and/or City staff, the City may require an awarded vendor to conduct a criminal background check on all of its personnel who will have direct contact with City facilities or residents/businesses served under this contract. Personnel are defined as representatives, agents, employees, subcontractors, or anyone else who will be utilized to fulfill obligations under this contract. Criminal background checks, at a minimum, shall consist of a county level felony and misdemeanor check for each county in which the personnel resided in the last 10 years. The awarded vendor shall notify the City of any of its personnel who have been convicted of a felony or misdemeanor prior to commencing any work under this contract. At the City's discretion, personnel with any felony or misdemeanor convictions which raise a concern about the safety of building, property, or City staff/resident's personal security, or is otherwise job related (as determined by the City) shall not perform work under this contract. Once given notice that a background check(s) will be required, it must be completed within 14 calendar days so as to not delay work to be completed.

11. Control of the Work. With respect to the awarded vendor's own work, the City shall not have contractual, operational, and/or supervisory control over and/or charge of the work and shall not be responsible for construction means, methods, techniques, sequences, procedures, and programs in connection with the awarded vendor's work, since these are solely the vendor's responsibility under the agreement. The City shall not be responsible for the awarded vendor's failure to carry out the work in accordance with the agreement's terms and conditions. The City shall not have control over and/or charge of acts or omissions of the awarded vendor, its subcontractors, and/or their agents or employees, or any other person performing portions of the work not directly employed by the awarded vendor. The awarded vendor shall be considered to be an "independent contractor" pursuant to Illinois law.

12. Bid Bond. When required on the cover sheet, a bid bond for not less than 5 percent of the bid amount must accompany all bids as a guarantee that if the bid is accepted, the bidder will execute and file the proper contract. A bank cashier's check, bank draft, or certified check equal to the amount specified is acceptable in lieu of a bid bond. Bid bonds of the two lowest firms will be retained until the contract is awarded.

13. Performance Bond. When required by the specifications herein, the awarded vendor shall furnish a performance bond equal to the amount of the contract, acceptable to the City, within 14 calendar days after notification of contract award. Failure to furnish the required bond within the time specified may be cause for rejection of the bid and any bid deposit may be retained by the City as liquidated damages and not as a penalty.

14. Taxes. No charge will be allowed for taxes from which the City of Rockford, Illinois is exempt. The City of Rockford, Illinois is not liable for the Illinois Retailers' Occupation Tax, the Service Occupation Tax or the Service Use Tax. The City is exempt from the Federal Excise and Transportation Tax.

15. Withdrawal of Bids. Firms may withdraw or cancel their bids at any time prior to the advertised invitation to bid opening. After the opening time, no bid shall be withdrawn or cancelled. All bids shall be firm and valid for a period of sixty (60) calendar days. If a bidder to whom a contract is awarded refuses to accept the award, the City may, at its discretion, suspend the bidder for a period of time up to three (3) years.

16. Subcontracting. The bidder shall provide information for all subcontractors, leased operators/equipment, and suppliers and all other information requested in the Subcontractor and Supplier Detail Forms attached. Requests for deviations from the completed detail forms submitted must be made in writing, and reviewed and approved by the City's Diversity Procurement Officer and the Central Services Manager or designee. The awarded vendor may not subcontract any portion of the contract after award without written consent of the City of Rockford

Central Services Manager. When subcontractors are used, the awarded vendor is required to pay subcontractors promptly after completion of work. Delay of payment is prohibited.

17. Termination of Contract. The City of Rockford reserves the right to terminate the contract in its entirety or in portions, upon written notice to the awarded vendor, if the Rockford City Council does not appropriate sufficient funds to complete the contract or in the event of default by the awarded vendor. Default is defined as failure of the awarded vendor to perform any of the provisions of this contract or failure to make sufficient progress so as to endanger performance of this contract in accordance with its terms. In the event of default, the City may purchase the product(s) and/or service(s) from other sources and hold the defaulting company responsible for any excess costs occasioned thereby. The City may require payment of liquidated damages for non-performance. Should default be due to failure to perform or because of a request for a price increase, the City reserves the right to remove the firm from the City's bidder list for a period of up to three years.

18. Late Bids and Proposals. Regardless of cause, late bids and proposals will not be accepted and will automatically be disqualified from further consideration. It shall be solely the vendor's risk to ensure delivery at the designated office by the designated time. Late bids and proposals will not be opened and may be returned to the awarded vendor at their request and expense.

19. EEO Forms. Each firm shall be required to submit with its bid information all EEO forms included in the invitation to bid package. Any bid which fails to include the properly completed compliance items will not be read and will not be considered. All subcontractors shall also be required to comply with the same EEO forms as the firm.

20. Restrictive or Ambiguous Specifications. It is the responsibility of the bidding firm to review the invitation to bid specifications and to notify the Central Services Manager if the specifications are formulated in a manner that would unnecessarily restrict competition. Any such protest or question regarding the specifications or invitation to bid procedures must be received by the Central Services Division not less than seventy-two hours prior to the time set for the opening. In the event a contract term is not defined within the contract document, the term will be given its ordinary dictionary definition.

21. Bid Protest. Firms wishing to protest bids or awards shall notify the Central Services Manager in writing within 7 days after the invitation to bid opening. The notification should include the bid number, the name of the firm protesting, and the reason why the firm is protesting the bid. The Central Services Manager will respond to the protest within seven (7) calendar days. A successful protest may result in the reversal of a previously awarded contract.

22. Disputes. In case of disputes as to whether or not an item or service quoted or delivered meets specifications, the decision of the Central Services Manager, or authorized representative shall be final and binding to all parties. The Central Services Manager has the right to waive technicalities as they see fit. The Central Services Manager may request a written recommendation from the head of the department using the equipment or service being procured.

23. Exceptions. Any deviations from these specifications shall be noted and submitted with the bid. Failure to address deviations from specifications may result in bid rejection.

24. Acceptance/Rejection of Bids. The City of Rockford reserves the right to accept or reject any or all bids or proposals at any time, for any reason, including but not limited to the Rockford City Council not appropriating

sufficient funds to purchase equipment or complete the contract. The City may make awards in any manner deemed in the best interest of the City.

25. Prevailing Wage. When indicated on the cover page of this document, this contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/.01 *et seq.* ("the Act"). The Act requires awarded vendors and subcontractors to pay laborers, workers, and mechanics performing services on public works projects no less than the "prevailing rate of wages" (hourly cash wages plus fringe benefits) in the county where the work is performed. When required, awarded vendors are responsible for paying current prevailing wage rates, as posted on the Illinois Department of Labor's website at: <http://www.state.il.us/agency/idol/rates/rates.HTM>. It is the awarded vendor's responsibility to verify current wage rates, as they are updated monthly. All awarded vendors and subcontractors rendering services under this contract must comply with all requirements of the Act, including but not limited to, all wage, notice, and record keeping duties.

26. Certified Payroll. All Certified Payroll reports required to be submitted under the Prevailing Wage Act, 820 ILCS 130, must be submitted monthly via email, in Excel or some format compatible with Excel, to certified.payroll@rockfordil.gov.

27. Substance Abuse Prevention. When required by Illinois State Statutes, awarded vendors must have in place and file with the City a written program for prevention of substance abuse among its employees. This program must include pre-hire, random, reasonable suspicion, and post-accident drug and alcohol testing, as required by the Substance Abuse Prevention on Public Works Projects Act.

28. Apprenticeship Requirement. For construction contracts over \$50,000, awarded vendors must participate in apprenticeship and training programs approved and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all Trades that will be in the awarded vendor's (or his subcontractor's) employment, with each worker receiving the required apprenticeship/training appropriate to his trade. Owners or work performed by owners is not exempt from the apprenticeship and training requirement.

29. Indemnification. To the fullest extent permitted by law, the awarded vendor shall indemnify and hold harmless the City, its officers, representatives, elected and appointed officials, agents, and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the awarded vendor's performance of work under this agreement, and indemnifies and agrees to defend and hold harmless the City against any and all losses, claims, damages, and expenses arising from the work performed hereunder of the erection, construction, placement, or operation of any scaffold, hoist, crane, stay, ladder, support, or other mechanical contrivance in connection with such work including but not limited to losses, claims, damages, and expenses arising pursuant to claims asserted against the City pursuant to theories premised upon section 414 of the Restatement (Second) of Torts and section 343 of the Restatement (Second) of Torts.

This indemnification agreement shall not be limited in any way by any limitations on the amount or type of damages, compensation, or benefits payable by or for the awarded vendor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts, and serves as an express agreement to waive the protection of *Kotecki v. Cyclops Welding Corp.*, 146 Ill.2d 155, 585 N.E.2d 1023 (1991) in Illinois.

Further, the awarded vendor agrees that it is solely responsible for compliance with all safety laws applicable to the work performed hereunder, including but not limited to the Occupational Safety and Health Act of 1970 and the Construction Safety Act of 1960 and all standards and regulations which have been or shall be promulgated by the agencies which administer the Acts.

Under no circumstances shall the awarded vendor, its subcontractors, agents, and employees be required to indemnify the City for its own negligence.

30. Officers. Each bidder affirms, by submission of a response to this bid or request for proposals, that no officer of the City of Rockford, Illinois, is directly or indirectly interested in the proposal for any reason of personal gain.

31. Non-Waiver. The failure by the City to require performance of any provision shall not affect the City's right to require performance at any time thereafter, nor shall a waiver of any breach or default of this contract constitute a waiver of any subsequent breach or default or a waiver of the provision itself.

32. Professional Services Selection Act. The City of Rockford intends to comply with 50 ILCS 510/5 governing the selection of professional services. Any reference in these terms and conditions to supplying pricing or price as a determining factor in selection do not apply for services covered by said act.

33. The City of Rockford reserves the right to accept or reject any and all proposals and to waive technicalities in submitted bids.

**BID REQUIREMENTS FOR
EQUAL EMPLOYMENT OPPORTUNITY**

All bidders seeking to do business with the City of Rockford are **REQUIRED** to submit with any formal, sealed bid all of the following documents and information, attached herewith, completed and signed:

1. Equal Employment Opportunity Affirmative Action Plan Statement of Policy.
2. The Statement of Non-Compliance and Certificate of Non-Segregated Facilities.
3. The Contractor or Vendor Workforce Data Form listing all current employees, by classification, directly employed by the bidder. All categories of information requested must be supplied.
Note: The number of employees must be entered under each category (no check marks)

Below are the Federal definitions of the following racial groups accepted as minorities by the City of Rockford:

Black: A person having origins in any of the Black racial groups of Africa, not of Hispanic origin.

Hispanic: A person of Spanish or Portuguese culture with origins in Mexico, South or Central America, or the Caribbean Islands, regardless of race.

Asian: A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes for example, China, Japan, Korea, the Philippine Republic and Samoa.

American Indian or Alaskan Native: A person having origins in any of the original peoples of North America.

4. Your State of Illinois Pre-Qualification Certification Number, issued by the Illinois Department of Human Rights for the Illinois Department of Human Rights Act, **must provide expiration date entered in the place provided therefore**.
5. Certificate of Non-Barred Bidding
6. All executed Subcontractor/Leased Operator and Supplier forms.

If you have not obtained your State of Illinois Pre-Qualification Number (item #4), by signing these documents you agree to make application for this number within 30 days from the date of bid opening.

ANY BID WHICH FAILS TO INCLUDE THE CITY OF ROCKFORD EEO PAGES 2, 4, AND 5, COMPLETED AND SIGNED WITH YOUR SEALED BID WILL NOT BE READ AND WILL NOT BE CONSIDERED – NO EXCEPTIONS.

Falsification of any required Equal Employment Opportunity or Affirmative Action information on the part of the bidder could result in rejection of the bid submitted or in the case where a contract has already been awarded, in the cancellation of said contract.

Any questions pertaining to E.E.O. requirements should be addressed to Ron Moore, Diversity Procurement Officer, Legal Department, 425 East State Street, Rockford, Illinois 61104, Phone: (815) 987-5622 or ron.moore@rockfordil.gov

EQUAL EMPLOYMENT OPPORTUNITY
AFFIRMATIVE ACTION PLAN
STATEMENT OF POLICY

It is the policy of this company, _____
to provide equal employment opportunity without regard to race, religion, color, national origin, handicap, age or sex through a program of positive action affecting all employees. In this program, our company carries out the requirements of Federal Executive orders 11246 and 11375, Civil Rights Act of 1964, Equal Employment Act of 1972, and all other applicable laws, and indicates its active support of the principle of equal opportunity in employment.

At present, _____ % of our work force are minorities and _____ % of our work force are females, and we will attempt to utilize minorities and females through a positive, continuing program in all jobs for which we contract in the future. Our company will utilize referrals from the City of Rockford's Diversity Procurement Officer for use of minorities and females regarding any future job vacancies.

It is also our intent to make efforts to purchase supplies or equipment from small business concerns located in the City of Rockford or counties of Winnebago or Boone and owned in substantial part (at least 51 per cent) by minorities or females.

_____ is the official who will be responsible for implementing this policy statement.

_____ will be designated as the Equal Opportunity Officer in our company, responsible for submission of all required equal employment opportunity documents.

In addition, _____ is hereby authorized to sign payroll as well as this company's officers. (NOTE: If only officers will be authorized to sign payrolls, please fill in "No One" in this space.)

STATEMENT OF NONCOMPLIANCE

If the equal employment opportunity hearing committee determines that a contractor, subcontractor/leased operator of equipment or bidder is not in compliance with this chapter, (also known as Chapter 11, Article III the City of Rockford Equal Opportunity Employment Ordinance), the hearing committee shall issue and serve upon such person a written statement of noncompliance setting forth the manner in which it finds such person has violated this chapter, and imposing and/or requiring appropriate sanctions, including, but not limited to any and/or all of the following:

- a. Denying, suspending or revoking qualifications, or declaring the contractor or subcontractor irresponsible and ineligible for future contracts or subcontracts until such time as the contractor or subcontractor shall demonstrate to the equal employment opportunity hearing committee that it is in compliance;
- b. Withholding or delaying payment on the contractor or;
- c. Suspending, avoiding or canceling contract work.

CERTIFICATION OF NON-SEGREGATED FACILITIES

The bidder certifies that he/she does not maintain or provide for his/her employees any segregated facilities at any of his/her establishments, and that he/she does not permit his/her employees to perform their services at any location, under his/her control, where segregated facilities are maintained. The bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this bid.

The bidder agrees that (except where he/she has obtained identical certification from proposed subcontractors/leased operators of equipment for specific time periods) he/she will obtain identical certification from proposed subcontractors/leased operators of equipment from the provisions of the Equal Opportunity clause, and that he/she will retain such certification in his/her files.

CERTIFICATE OF NON-BARRED BIDDING

The undersigned certifies that it is not barred from bidding on this contract as a result of a conviction for the violation of State laws prohibiting bid rigging or bid rotating. The undersigned also certifies that current or prospective employees, contractors, and subcontractors/leased operators of equipment are not listed as Excluded Individuals/Entities with the US Government, as maintained by the US General Services Administration.

By signing below, the firm agrees that all information provided in the previous pages is accurate, and that if the firm below does not currently have a Department of Human Rights number they will apply for one within thirty days with the State of Illinois.

Authorized Signature

Title

Firm

Our firm is a:

Minority Business Enterprise _____

Women Business Enterprise _____

Neither _____

City-Certified? Yes ___ No ___

City Certified? Yes ___ No ___

(Revised 12/21/09)

City-Wide Vehicles
Bid No.: 1012-CW-146

1.0 General Scope

1.1 The City of Rockford intends to purchase four (4) 2013 Ford E-150, one (1) 2013 Ford E-250, two (2) 2013 Ford E-350, two (2) 2013 Ford F-150, eight (8) 2013 Ford F-250, three (3) 2013 Ford F-450, one (1) 2013 Ford F-550, one (1) 2013 Ford Escape, six (6) 2013 Ford Expedition, five (5) 2013 Ford Explorer and nine (9) 2013 Ford Fusion for various departments. The awarded bidder should also provide preventative maintenance and repair services for a period of five years from the delivery date.

2.0 General Requirements

2.1 Vendor Qualifications. No contract shall be awarded except to responsible firms capable of providing the class of product described. Eligible bidders include all automobile dealers capable of meeting specifications detailed herein. Before being considered for award, firms may be required to show evidence of the necessary experience, facilities, equipment, ability, and financial resources to perform the work in a satisfactory manner and within the time stipulated.

2.2 Basis of Award. The contract will be awarded to the lowest responsible and responsive bidder for each vehicle specified. The City reserves the right to request any information necessary to determine a vendor's ability to provide the desired product. This may include standard specification information, references from other clients, and a site visit to preview vehicles. If these information requests are denied, the City reserves the right to reject the bid.

2.3 Stated Delivery Date. Bidders are asked to supply a delivery date on the bid form. This date is a contractual obligation of the vendor and a plea that insufficient time was specified is not a valid reason for failure to meet the stated delivery date. Only when a delay occurs due to unforeseen causes beyond the control and without fault or negligence of the vendor may the delivery date be extended. The City shall be the sole judge as to whether the delivery date shall be extended.

2.3.1 Request for delivery date extension. No extension of time due to a delay caused by unforeseen circumstances shall be granted unless the vendor submitted in writing the reasons, which are believed to justify approval of an extension request. A written request for extension may not be made after the specified delivery date. After the vendor has filed a request for an extension of time the City will notify the vendor, in writing, whether or not such extension will be approved. If approved, the extended date for the delivery of the equipment shall then be considered, as in effect, the same as if it were the original date for delivery of the equipment.

2.3.2 Liquidated damages. Should the vendor fail to deliver the equipment, on or before the stated delivery date, the vendor shall be liable to the City in the amount of \$30.00 per calendar day, not as a penalty but as liquidated damages, for each day of overrun in the delivery time or such extended time as may have been allowed. The daily \$30.00 charge shall be made for every calendar day shown, on the calendar beyond the specified delivery date and these liquidated damages shall be deducted from the amount due to the vendor.

2.4 Bid Form. Included at the end of these specifications is a bid form for all vehicles. The following information is required on the bid form:

2.4.1 Bid price. Bidders shall supply the total cost of each specified vehicle delivered to the City of Rockford. No adjustments to the bid price will be allowed after the bid opening.

- 2.4.2 Prepayment discounts. Prepayment discounts shall not be included in the bid price but shall be clearly marked in the space provided.
- 2.4.3 Delivery date. Bidders shall specify delivery time in terms of elapsed days from date of contract award.
- 2.4.4 Warranty. A minimum (3) three-year/36,000 mile warranty covering parts and labor is required on the specified vehicle.
- 2.4.5 Technical data. Bidders must submit manufacturer specifications and relevant literature.
- 2.4.6 Optional Maintenance. Bidder may submit hourly rate and discount percentage on all non-preventative maintenance. Successful bidder shall be required to pick up and deliver vehicles at the City of Rockford locations specified by the City vehicle shop staff.
- 2.5 License. The successful bidder shall obtain the correct and current license plate and title for all vehicles. License plates should be government municipal (M) plates except for three (3) Ford Expeditions as noted in Section 9. Standard is defined as a plate with a random identification number on the plate.
- 2.6 Delivery Items. Vehicles shall be delivered with a full tank of gas. All vehicles must be “dealer prep”, which includes interior and exterior cleaning to an acceptable level, before the City will accept delivery.
- 2.7 Order Option. Bidders have the option to order this vehicle if they do not have one in stock. Delivery date must be provided to the City along with the vendor’s bid prior to award of contract.
- 2.8 Hybrid Vehicle Option. All vendors may supply bids for alternative fuel or hybrid vehicles that are comparable to the vehicles listed in this bid package, in addition to the bids they are furnishing for the standard fuel vehicles listed in this bid specification.
- 2.9 Air Conditioning. All vehicles in this specification shall have air conditioning.
- 2.10 Maintenance. The successful bidder shall provide full maintenance and repair services for the vehicles for a period of five years from the date of delivery. All scheduled preventative maintenance shall be performed for a flat fee as outlined on the bid form. Vendor shall provide a schedule for preventative maintenance.
- 2.11 Contact Person. All questions regarding these specifications are to be directed to Anne Wilkerson, Financial Analyst, at (815) 987-5741 or anne.wilkerson@rockfordil.gov.

3.0 Detailed Specifications

- 3.1 Type. Four (4)-2013 Ford E-150 Super Duty

Specifics

- Oxford White exterior
- Medium Flint interior

Mechanical

- Engine Size – 4.6L EFI V8
- Engine block heater
- 4-speed automatic transmission
- 8,520 pound GVWR

Exterior

- Four (4) wheels and tires, 16" with sport covers
- 60/40 split side cargo door
- Running boards
- Chrome RR Step
- Trailer Tow Package (Class 1)
- High-Series Exterior Upgrade Package

Interior

- 40/20/40 split HD vinyl front seat
- Insulation package
- Vinyl front and rear floor
- No-Charge Masterack Racks and Bins Package

Fuel Tank Capacity

- 33-gallon fuel tank

Safety/Security

- Roll Stability
- Driver and front-passenger airbags
- 4-wheel disc brakes with Anti-Lock Brake System

Additional Equipment

- Power Group Package (power windows, door locks)

3.2 Type. One (1)- 2013 Ford E-250 Super Duty

Specifics

- Oxford White exterior
- Medium Flint interior

Mechanical

- Engine Size – 4.6L EFI V8
- Engine block heater
- 4-speed automatic transmission

Exterior

- Five (5) wheels and tires
- 60/40 split side cargo door

Interior

- Insulation package
- Vinyl front and rear floor
- No-Charge Masterack Racks and Bins Package

Fuel Tank Capacity

- 33-gallon fuel tank

Safety/Security

- Roll Stability
- Driver and front-passenger airbags
- 4-wheel disc brakes with Anti-Lock Brake System

Additional Equipment

- Power Group Package (power windows, door locks)

3.3 Type. Two (2) - 2013 Ford E-350 Super Duty**Specifics**

- Oxford White exterior
- Medium Flint interior

Mechanical

- Engine Size – 5.4L EFI V8

Exterior

- Five (5) wheels and tires, size and type as appropriate for GVWR
- Sliding side cargo door
- Window on back door only

Interior

- Seats, cloth dual captain's chairs

Fuel Tank Capacity

- 33-gallon fuel tank

Safety/Security

- 4-wheel disc brakes with Anti-Lock Brake System
- Driver and front-passenger airbags
- Side-intrusion door beams

Additional Equipment

- Heavy-duty alternator, 225 AMPS

3.4 Type. One (1) - 2013 Ford F-150 4x2 Regular Cab Super Duty**Specifics**

- Oxford White exterior
- Steel Gray interior

Mechanical

- Engine Size – 3.7L Ti-VCT V6
- 6-speed automatic transmission
- 3.73 Limited Slip
- 6,750 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR

- 8' Cargo Box
- Spray-in bedliner
- Daytime running lamps
- Black tubular running boards
- Manual-sliding rear window with privacy glass

Interior

- Front 40/20/40 vinyl seat

Fuel Tank Capacity

- 26-gallon fuel tank

Additional Equipment

- XL Décor Group
- Power Equipment Group

3.5 Type. One (1) - 2013 Ford F-150 4x4 SuperCab Super Duty

Specifics

- Oxford White exterior
- Steel Gray interior

Mechanical

- Engine Size – 5.0L Ti-VCT V8
- 6-speed automatic transmission
- 7,350 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- 6-1/2' Cargo Box
- Cargo Box side steps
- Spray-in bedliner
- Daytime running lamps
- Black tubular running boards
- Manual-sliding rear window with privacy glass

Interior

- Front 40/20/40 vinyl seat

Fuel Tank Capacity

- 36-gallon fuel tank

Additional Equipment

- XL Décor Group
- Power Equipment Group

3.6 Type. Four (4) - 2013 Ford F-250 4x2 Regular Cab Super Duty

Specifics

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.2L V8
- 6-speed automatic transmission
- 3.73 E-locking
- Power steering
- 10,000 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Tough Bed spray-in bedliner
- Daytime running lamps

Interior

- Front 40/20/40 vinyl seat

Fuel Tank Capacity

- 35-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Front-outboard safety belts with height-adjustable shoulder belts

Additional Equipment

- Power Equipment Group
- XL Décor Group
- Trailer Tow Package
- Integrated trailer brake controller
- Upfitter switches (4)

3.7 Type. Three (3) - 2013 Ford F-250 4x2 Regular Cab Super Duty**Specifics**

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.2L V8
- 6-speed automatic transmission
- 3.73 E-locking
- Power steering
- 10,000 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Daytime running lamps
- Molded black step

Interior

- Front 40/20/40 vinyl seat

Fuel Tank Capacity

- 35-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Front-outboard safety belts with height-adjustable shoulder belts

Additional Equipment

- Power Equipment Group
- XL Décor Group
- Integrated trailer brake controller
- Upfitter switches (4)
- Pickup Box Delete
- Heavy-Service Package for Pickup Box Delete
- See Attachment E for additional body specifications

3.8 Type. One (1) - 2013 Ford F-250 4x4 Regular Cab Super Duty**Specifics**

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.2L V8
- 6-speed automatic transmission
- 3.73 E-locking
- Power steering
- 10,000 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Daytime running lamps
- Molded black step

Interior

- Front 40/20/40 vinyl seat

Fuel Tank Capacity

- 35-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Front-outboard safety belts with height-adjustable shoulder belts

Additional Equipment

- Power Equipment Group

- XL Décor Group
- Integrated trailer brake controller
- Upfitter switches (4)
- Pickup Box Delete
- Heavy-Service Package for Pickup Box Delete
- Snow Plow Prep Package
- See Attachment E for additional body specifications

3.9 Type. One (1) - 2013 Ford F-450 4x4 Chassis Cab Super Duty

Specifics

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.8L 3-valve V10
- 5-speed automatic transmission
- Power steering
- Transmission – Power takeoff (PTO) provision
- 4.88 Limited Slip
- 141-inch Wheelbase
- 16,500 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Daytime running lamps
- Snow Plow Prep Package
- Molded black step

Interior

- Air conditioning
- Tilt/telescoping steering column
- 40/20/40 vinyl front seat

Fuel Tank Capacity

- 40-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Engine-only traction control

Additional Equipment

- Power Equipment Group Package
- XL Décor Group Package
- See Attachment A for additional body specifications

3.10 Type. One (1) - 2013 Ford F-450 4x2 Chassis Cab Super Duty

Specifics

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.8L 3-valve V10
- 5-speed automatic transmission
- Power steering
- Transmission – Power takeoff (PTO) provision
- 4.88 Limited Slip
- 165-inch Wheelbase
- 16,500 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Daytime running lamps
- Snow Plow Prep Package
- Molded black step

Interior

- Air conditioning
- Tilt/telescoping steering column
- 40/20/40 vinyl front seat

Fuel Tank Capacity

- 40-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Engine-only traction control

Additional Equipment

- Power Equipment Group Package
- XL Décor Group Package
- See Attachment B for additional body and crane specifications

3.11 Type. One (1) - 2013 Ford F-450 4x2 Chassis Cab Super Duty

Specifics

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.8L 3-valve V10
- 5-speed automatic transmission
- Power steering
- Transmission – Power takeoff (PTO) provision
- 4.88 Limited Slip
- 165-inch Wheelbase
- 16,500 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Daytime running lamps
- Molded black step

Interior

- Air conditioning
- Tilt/telescoping steering column
- 40/20/40 vinyl front seat

Fuel Tank Capacity

- 40-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Engine-only traction control

Additional Equipment

- Power Equipment Group Package
- XL Décor Group Package
- See Attachment C for additional body specifications

3.12 Type. One (1) - 2013 Ford F-550 4x2 Chassis Cab Super Duty**Specifics**

- Oxford White exterior
- Steel interior

Mechanical

- Engine Size – 6.8L 3-valve V10
- 5-speed automatic transmission
- Power steering
- Transmission – Power takeoff (PTO) provision
- 4.88 Limited Slip
- 165-inch Wheelbase
- 18,000 pound GVWR

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Manual-sliding rear window with privacy glass
- Daytime running lamps
- Molded black step

Interior

- Air conditioning
- Tilt/telescoping steering column
- 40/20/40 vinyl front seat

Fuel Tank Capacity

- 40-gallon fuel tank

Safety/Security

- Driver and right-front passenger airbags
- Power 4-wheel vented disc with Anti-Lock Brake System
- Engine-only traction control

Additional Equipment

- Power Equipment Group Package
- XL Décor Group Package
- See Attachment D for additional lift specifications

3.13 Type. Four (4) - 2013 Ford Expedition EL with Equipment Group 200A**Specifics**

- One (1) Blue Jeans Metallic exterior with regular plates
- One (1) Tuxedo Black Metallic exterior with regular plates
- One (1) Sterling Gray Metallic exterior with regular plates
- One (1) Ruby Red exterior with municipal plates
- Stone Cloth interior

Mechanical

- Engine Size – 5.4L 3-valve V8 FFV
- 6-speed automatic transmission with tow/haul mode
- 4-wheel drive
- 4-wheel power disc brakes with Anti-Lock Brake System (ABS)
- Variable-assist, power rack-and-pinion steering

Exterior

- Four (4) 18" machine aluminum wheels and tires as appropriate for GVWR
- Automatic headlamps with rainlamp
- Liftgate with flip-up glass
- Rear-window defroster
- Black running boards
- Windshield wipers-front: speed sensitive, 7-speed variable-intermittent; rear: 2-speed intermittent with washer
- Class IV trailer tow receiver with 4-pin connector

Interior

- 1st-row buck seats
- 2nd-row 40/20/40 split-fold seat
- 3rd-row 60/40 split-fold-flat-to-floor bench seat
- Air conditioning
- Auto-dimming rearview mirror
- Cruise control
- Power door locks
- Power windows with one-touch-up/-down driver's side window feature
- Tilt steering column
- Rear floor air vents
- Assist handles (2 in 1st row, 2 in 2nd row and 1 for liftgate)

Fuel Tank Capacity

- 28-gallon fuel tank

Safety/Security

- AdvanceTrac with RSC (Roll Stability Control)
- 3-point safety belts for all seating positions
- Dual-stage front airbags
- Front-seat side airbags
- Height-adjustable shoulder belts for 1st row
- Safety Canopy System with 3-row side-curtain airbags and rollover sensor

Additional Equipment

- Three (3) remote keyless entry FOBs
- Four (4) programmed keys

3.14 Type. Two (2) - 2013 Ford Expedition**Specifics**

- Two (2) Oxford White exterior
- Stone Cloth interior

Mechanical

- Engine Size – 5.4L 3-valve V8 FFV
- 6-speed automatic transmission with tow/haul mode
- 4-wheel drive
- 4-wheel power disc brakes with Anti-Lock Brake System (ABS)
- Variable-assist, power rack-and-pinion steering

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Automatic headlamps with rainlamp
- Liftgate with flip-up glass
- Rear-window defroster
- Windshield wipers-front: speed sensitive, 7-speed variable-intermittent; rear: 2-speed intermittent with washer

Interior

- 1st-row buck seats
- 2nd-row 40/20/40 split-fold seat
- 3rd-row 60/40 split-fold-flat-to-floor bench seat
- Air conditioning
- Auto-dimming rearview mirror
- Cruise control
- Power door locks
- Power windows with one-touch-up/-down driver's side window feature
- Tilt steering column
- Rear floor air vents
- Assist handles (2 in 1st row, 2 in 2nd row and 1 for liftgate)

Fuel Tank Capacity

- 28-gallon fuel tank

Safety/Security

- AdvanceTrac with RSC (Roll Stability Control)
- 3-point safety belts for all seating positions
- Dual-stage front airbags
- Front-seat side airbags
- Height-adjustable shoulder belts for 1st row
- Safety Canopy System with 3-row side-curtain airbags and rollover sensor

3.15 Type. Five (5) - 2013 Ford Explorer

Specifics

- Oxford White exterior
- Medium Light Stone cloth interior

Mechanical

- Engine Size – 3.5L Ti-VCT V6 engine
- 6-speed SelectShift Automatic transmission
- 4-wheel disc Anti-Lock Brake System (ABS)
- 4WD
- Traction control

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Power sideview mirrors with integrated blind spot mirrors and manual fold-away design
- Rear spoiler
- Windshield wipers – front: speed-sensitive, variable-intermittent with washer; rear: 2-speed with washer

Interior

- 1st-row bucket seats
- Air conditioning with auxiliary rear controls
- Cabin air filter
- Front-passenger and B-pillar assist handles
- Rear-window defroster
- Tilt/telescoping steering column
- Power door locks
- Power windows

Fuel Tank Capacity

- 18.6-gallon fuel tank

Safety/Security

- Dual-stage front airbags
- AdvanceTrac with RSC (Roll Stability Control) and Curve Control
- Front-seat side airbags
- Front height-adjustable shoulder safety belts

3.16 Type. One (1) - 2013 Ford Escape

Specifics

- Oxford White exterior
- Charcoal Black cloth interior

Mechanical

- Engine Size – 2.5L iVCT I-4
- 6-speed automatic transmission
- Front-wheel drive
- 4-wheel disc Anti-Lock Brake System (ABS)

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Black, power sideview mirrors with integrated blind spot mirrors

Interior

- 6-way manual driver's seat
- Cloth-trimmed front bucket seats
- 60-40 split fold-flat rear bench
- AM/FM stereo/single-CD player with MP3 capability and 6 speakers
- Manual day/night rearview mirror
- Power windows with one touch-up/-down driver's side window
- Single-zone manual air conditioning

Fuel Tank Capacity

- 15.1-gallon fuel tank

Safety/Security

- Dual-stage driver and front-passenger airbags
- Front-seat side airbags
- Driver's knee airbags

3.17 Type. Nine (9) - 2013 Ford Fusion

Specifics

- Eight (8) White Suede exterior
- One (1) Ruby Red Metallic
- Medium Light Stone Cloth interior

Mechanical

- Engine Size – 2.5L Duratec I-4
- 6-speed automatic transmission
- Front-wheel drive
- 4-wheel disc Anti-Lock Brake System (ABS)

Exterior

- Four (4) wheels and tires, size and type as appropriate for GVWR
- Black, power sideview mirrors with integrated blind spot mirrors

Interior

- 4-way manual driver's seat
- 2-way manual front-passenger seat
- Cloth seating

- 60-40 split-fold spring-assisted rear seat
- AM/FM stereo/single-CD player with MP3 capability and 4 speakers
- Manual day/night rearview mirror
- Power windows with one touch-up/-down driver's side window
- Single-zone manual air conditioning

Fuel Tank Capacity

- 17.5-gallon fuel tank

Safety/Security

- Dual-stage front airbags
- Front-seat side airbags
- 2-row side-curtain airbags
- 3-point safety belts for all seating

4.0 Optional Bid

- 4.1 Non-preventative maintenance. Bidders should provide on the bid form an hourly rate for any work not covered under preventative maintenance. A percentage discount should also be provided for any materials used for non-preventative repairs.

BID FORM #1
 City Wide Vehicles
 Bid No.: 1012-CW-146
 PAGE 1

We bid as follows:

Description	Quantity	Unit Price	Total
2013 Ford E-150	4	\$ _____	\$ _____
2013 Ford E-250	1	\$ _____	\$ _____
2013 Ford E-350	2	\$ _____	\$ _____
2013 Ford F-150 4x2 Regular Cab	1	\$ _____	\$ _____
2013 Ford F-150 4x4 Super Cab	1	\$ _____	\$ _____
2013 Ford F-250 4x2 Regular Cab	4	\$ _____	\$ _____
2013 Ford F-250 4x2 Regular Cab No pickup box	3	\$ _____	\$ _____
2013 Ford F-250 4x4 Regular Cab No pickup box and snow plow package	1	\$ _____	\$ _____
2013 Ford F-450 4x4 Chassis Cab 141-inch Wheelbase	1	\$ _____	\$ _____
2013 Ford F-450 4x2 Chassis Cab 165-inch Wheelbase / Attachment B	1	\$ _____	\$ _____
2013 Ford F-450 4x2 Chassis Cab Attachment C	1	\$ _____	\$ _____
2013 Ford F-550 4x2 Chassis Cab	1	\$ _____	\$ _____
2013 Ford Expedition Equipment Group 200A	4	\$ _____	\$ _____
2013 Ford Expedition – Oxford White	2	\$ _____	\$ _____
2013 Ford Explorer	5	\$ _____	\$ _____
2013 Ford Escape	1	\$ _____	\$ _____
2013 Ford Fusion	9	\$ _____	\$ _____
Total Vehicle Bid			\$ _____

BID FORM #1
City Wide Vehicles
Bid No.: 1012-CW-146
PAGE 2

		Annual	Total Cost
Scheduled Maintenance on all vehicles	5 years	\$ _____	\$ _____

Length of warranty: _____

Days after contract award until delivery: _____

Please describe any prepayment discounts: _____

Optional Bid:

Hourly Rate on non-preventative maintenance \$ _____

Discount on non-preventative maintenance materials _____ %

Person, Firm or Corporation

Authorized Signature and Title

City-Wide Vehicles
Attachment A

Knapheide "A" Model Dump Body Specifications

1.0 Model KDBDS912A

2.0 General

- Light Duty, Contractor's Dump Body, for use on single axle, one-ton trucks
- Drop side construction
- Sloped Run Boards
- Floor is 7ga. HRCQ
- Bulkhead is 10ga., tail gate is double paneled 10 and 12ga, and sides are double paneled made of 12ga., all High Tensile Steel
- Long sills are 7" trapezoidal style and accept scissors type hoist
- Pockets on top of sides for extension (cheater) boards
- Double acting 10ga. Tailgate with spreader chains and quick release top pins
- Tailgate release is positive locking with dump handle at left front corner of body
- Standard, LED clearance, marker and RID lights provided to meet FMVSS 108
- 100% fully solid welded construction
- Body and sides are E-Coat primed. Body is fully undercoated.

3.0 Headboard

- One piece 10ga. High tensile, 2 bend top rail, 2-1/4" wide with 1-1/2" return flange
- Fully boxed corner posts and full width reinforcement rib for added rigidity
- Integrated Cab Protector mounting pockets

4.0 Floor

- Two piece 7ga. high tensile, full seam welded
- Sloped floor to side interface to reduce material adhesion on sides

5.0 Sides

- Sides are slam-style with center mounted release handle and heavy duty rotary latches
- Reinforced with a 4-1/2"x9-1/2" formed rear corner post from top of tailgate to bottom of crossmember
- Pockets provided front and rear for 2x6 extension (cheater) boards
- Drop sides removable for easy service and replacement (no cutting required)

6.0 Tailgate and Hardware

- Formed two piece construction: seamless outer 12ga. panel and single piece 10ga. inner wall
- Top hinge member is 1-1/4" diameter quick-release mechanism for dropping gate from top
- Lower latch hardware is overhead hook type latch with 1-1/8" diameter pin, 3/4" thick latch
- 5/16" spreader chain supplied with length sufficient to support tailgate in horizontal position
- Hitch and 7 pin plug

7.0 Tailgate Release System

- Mechanical, positive locking operating handle at left front by driver's door
- 3/4" diameter cross shafts (front and rear) and 1/2" diameter operating rod running longitudinally down street side
- Safety restraining ring provided at the handle
- Multiple grease points throughout system

City-Wide Vehicles
Attachment A

8.0 Understructure

- Crossmember-less construction
- Long sills are 7" trapezoidal style, full length of body, with internal anti-corrosion coating
- Rear member is 7" deep, of 10ga. construction, full width of body

9.0 Cab Protector

- Model KCP-025T21A-P
- Tapered
- 3.0 Cab to Shield Clear
- 48.0 Top of Cab Top of Frame
- 21.5 Cab shield to top of Body
- 25.0 Long Sill to top of Bulkhead

10.0 Hoist

- Model KHA-1516SF-ED 12 volt hoist kit

11.0 Western Snow Plow

- Nine (9) feet long and thirty-one and a half (31.5) inches tall
- Plow to couple to truck with a quick hitch that incorporates a swivel bar-no pins
- Shall have two shock absorbers to cushion the trip return
- In cab controls to raise, lower, angle and electronically lock plow to prevent unauthorized use
- Include rubber snow deflector across top molboard

City-Wide Vehicles
Attachment B

Knapheide Service Body

1.0 Model 7132D54RJ

2.0 Service Body

- 132" long x 94" wide with 20" deep compartments x 40" tall resulting in 54" of floor space between compartments
- Door lay out is 700 series in reverse configuration
- Long horizontal door on street side, wheel well length horizontal door on curb side

3.0 Body Shell

- 14ga. 2 sided A40 galvaneal steel
- Compartment top and back to be one piece seamless design
- All doors, door openings, drip rails, and other exposed steel edges to be hemmed for strength, safety and resistance to corrosion

4.0 Floor

- Minimum 12ga. treadplate with 1-3/8" return flange on each side
- Side compartment back panel overlaps and interlocks with floor flange, providing support for weight of side compartment

5.0 Understructure

- 50,000 yield 11ga. high strength steel cross sills.

6.0 Tailgate

- 14ga. two sided A40 galvaneal steel construction with slam latch feature
- Hitch and 7 pin plug

7.0 Doors

- 20ga. two sided A40 galvaneal steel double panel doors with hat section reinforcements

8.0 Hinges

- Corrosion resistant all stainless steel continuous hinges to provide full length support for the doors and pry-proof security with a built-in weather shield
- Hinge to be spot welded to the door frame

9.0 Rotary Latches

- Stainless steel rotary latches with interior accessed attachment hardware
- Rotary latch to be slam latchable
- Latching cam to be elongated to allow the latch to move vertically relative to the lockstrike to prevent torsional damage

10.0 Door Strikers

- Adjustable striker affixed to door frame with screws

11.0 Door Seals

- Automotive type bulb neoprene seal to be installed by manufacturer of the body on all door frames

City-Wide Vehicles
Attachment B

12.0 Door Retainer

- Double spring over center door retainers on all vertical doors, retain doors in a positive open or closed position

13.0 Shelving

- 18ga. brite spangled galvanized shelves with hemmed dividers on 4" centers
- Minimum 250 pound capacity rated

14.0 Exterior Prime Paint

- Body is to be completely immersed in electrodeposition gray epoxy prime paint featuring a zinc phosphate precoat and seal for additional corrosion protection
- Prime paint is to be oven cured to provide a hard durable finish

15.0 Interior Paint

- Interior paint to be mid-gloss, mar resistant, light gray finish

16.0 Undercoat

- Body to be completely undercoated by the manufacturer of the body using minimum 5 mils of water based acrylic

17.0 Warranty

- 6 year minimum limited warranty
- No rust through guarantee
- Continuous door hinge – guaranteed not to fail or come off
- Latches and lock cylinders – unconditional guarantee against failure
- Shelves – guaranteed not to fail in bending under 250 pound load

18.0 Interior Light Guard

- Light guards to be installed by the manufacturer to provide protection for recessed stop, turn, tail and back up lights
- Wire harness to be protected as well

19.0 Bumper

- 94" wide "Galva-Grip" recessed step bumper will be supplied and installed
- Bumper to be fitted with bracket for customer installation of mechanic's vise

20.0 Receiver Type Rear Hitch

- Class 5 receiver type hitch to work in conjunction with body mounting brackets

21.0 Lighting

- All body lighted to be LED including back up lights
- "Unity" post mount spot light on driver side A pillar installed
- "GOLIGHT" brand remote control spot light installed on compartment top at rear for area lighting. Model 5149

22.0 Rear Access Door

- Drop down rear access door on street side compartment with full length shelf.
- 14" wide x 14" tall minimum clear opening

City-Wide Vehicles
Attachment B

- 23.0 Corner Mounted Crane Kit
 - Curb side rear compartment reinforced to support a crane that will be mounted on top of the tool pack
 - Max crane capacity will be 16,000 foot pounds
- 24.0 Outriggers
 - Bumper assembly will include a set of “manual outriggers”
- 25.0 Cab Protector
 - Knapheide brand cab protector to be installed on bulkhead of service body
- 26.0 Warning Lights
 - Federal Signal model TA36L-A1 LED traffic assist arrow board installed on “Back Rack” cab protector
 - Dash mounted control switch
 - Two (2) amber high power LED flashers to be front grill mounted

Venturo 12 Volt Crane

- 1.0 Venturo Model ET8KX
- 2.0 General
 - 12 volt power unit
 - 2,700 pound maximum lifting capacity
 - 8,000 foot pound rating
 - Hydraulic boom extends 6 to 10 feet
 - Continuous power rotation
 - Capacity overload shut off system
 - 65 feet of 7/32” aircraft quality wire rope
 - Radio remote control
 - Snatch block with swivel hook safety latch
 - Master disconnect switch
 - Boom rest
- 3.0 12 Volt Power Inverter
 - Dimensions Model DSI-12X30U
 - 3,000 watt quasi-sine
 - Located in front street side compartment
 - Auxiliary battery installed

City-Wide Vehicles
Attachment C

Knapheide Body Specifications

1.0 Model KC132H2094J

2.0 Body Shell

- 14ga. two-sided A40 galvanized steel
- Compartment tops and backs and the compartment end panels are to be a one piece seamless design
- All doors, door openings, drip rails, and other exposed steel edges are to be hemmed for strength, safety, and resistance to corrosion
- 9"x30" window on front panel of body

3.0 Understructure

- Cross sills are to be constructed from 11ga. steel with 50,000 PSI minimum yield strength

4.0 Floor

- Minimum 12ga. treadplate with a 1-3/8" return flange on each side
- Side compartment back panel should overlap and interlock with the floor flange, providing support for the weight of the side compartment

5.0 Compartment Doors

- Side compartment doors are to be constructed of 20ga. two-sided A40 galvanized steel
- Double paneled with hat section reinforcements

6.0 Hinges

- Corrosion resistant all stainless steel continuous hinges installed to provide full length support for the doors and pry-proof security with a built-in weather shield
- Side compartment door hinges are to be spot welded to the door frames
- Rear door and conduit chute door hinges are to be attached with non-corrosive aluminum rivets with stainless steel mandrels
- Supported with a six year warranty

7.0 Rotary Latches

- Stainless steel corrosion resistant rotary latches shall be secured to door panels by three threaded studs attached to back of latch
- Internal cover to protect latches from the contents of the compartment
- Slam-latchable
- Latching cam is to be elongated to allow the latch to move vertically relative to the lockstrike to prevent torsional damage
- Microcellular urethane foam gasket is to be installed between the latch flange and the outer door skin to prevent moisture from entering the compartment behind the latch

8.0 Door Strikers

- Adjustable strikers affixed to the side compartment door frames with screws

9.0 Door Seals

- Automotive "bulb type" neoprene door seals installed on all door frames

City-Wide Vehicles
Attachment C

10.0 Door Retainers

- Double spring over center door retainers are to be installed on all vertical doors
- Door retainers to hold doors in positive open or closed position
- Cable or chain retainers are not acceptable for vertical doors
- Horizontal doors are to be secured in an open position parallel to the ground by heavy duty chain retainers
- Chain retainers must be easily removable to open door to a full 180 degrees in tight access areas

11.0 Shelving

- Constructed of 18ga. bright spangled galvanized steel
- Hemmed dividers on 4" centers
- Minimum capacity rating of 250 pounds

12.0 Interior Light Guard

- Light guards installed by manufacturer to provide protection for recessed stop/tail/turn and backup lights
- Wiring harness protected also

13.0 Master Lock System

- Lower side pack on body shall include a sliding bar master lock that secures all doors along that side of body with an exterior padlock
- Each master lock bar shall be spring-loaded to hold the sliding bar in the open position so the side doors are only obstructed when the master lock is being held into place by a padlock

14.0 Interior Dome Lights

- Cargo area of body – three overhead dome lights switched are the rear of the body thus eliminating the need to climb into the load area to operate the lights

15.0 Roof Construction

- Constructed of 16ga. A40 galvanized steel
- Tapered and crowned across the top for additional strength
- Reinforced by cross braces
- Delete standard rear conduit doors
- Upper side compartments are to have an extra upper shelf making two shelves per side in addition to the top of compartment serving as a shelf

16.0 Rear Cargo Doors

- Double panel construction with a 20ga. A40 galvanized steel outer panel and a 14ga. A40 galvanized steel inner liner
- Nitrogen gas door retainer on each door to assist in both the opening and closing of the door
- All door rods and latching hardware are to be concealed between the outer door panel and interior door liner

17.0 Exterior Prime Paint

- Body to be completely immersed in electrodeposition gray epoxy prime paint featuring a zinc phosphate precoat and seal for additional corrosion protection
- Prime paint is to be oven cured to provide a hard durable finish

City-Wide Vehicles
Attachment C

18.0 Interior Paint

- Mid-gloss, mar resistant, light gray finish

19.0 Undercoating

- Body is to be completely undercoated using a water base acrylic

20.0 Warranty

- Minimum six (6) year warranty
- No rust-thru guarantee
- Continuous door hinges – guaranteed not to fail to operate or come off product
- Latches and Lock Cylinders – guaranteed against failure
- Shelves – guaranteed not to fail in bending under a maximum 250 pound rated load

21.0 Lighting

- Meets all FMVSS standards
- Wiring harness is to be encased in a plastic loom and all wires are to be colored for ease of troubleshooting
- Wire harness must have connectors that are compatible with Dodge, Ford and GM chassis without splicing
- Stop/tail/turn and backup lights are to be recessed in the rear of the body
- Stop/tail/turn lights are to be clear-back style
- Marker, clearance, and RID lighting is to be LED type lighting

22.0 Service Body

- 133" long x 90" high with 20" deep side compartments
- Driver's side front vertical to have two adjustable divider shelves
- Driver's side second front vertical to have two adjustable divider shelves
- Driver's side horizontal to have one bolt in divider shelf
- Driver's side rear vertical to have two adjustable divider shelves
- Passenger side front vertical to have American Eagle drawer unit 28" wide x 16" deep with (1) 5" deep drawer and (5) 3" deep drawers
- Passenger side second front vertical to have American Eagle drawer unit 14" wide x 16" deep with (1) 5" deep drawer and (5) 3" deep drawers
- Passenger side horizontal to have one bolt in divider shelf
- Passenger side rear vertical to have two adjustable divider shelves
- Front of the body is to have 36" deep bulkhead shelf mounted approximately 43" off the floor. Underneath the bulkhead shelf is to be two removable full height partitions spaced at 7-1/2" off the streetside cargo wall
- Curbside front of the cargo area wall to have bottle gas bracket to hold two bottles
- Curbside rear of the cargo area wall to have two d-rings approximately 17-1/2" off the floor. One ring approximately 10-1/2" from the rear, with 20" to second ring
- (2) upper side windows on each side of roof
- One dome light in top of each compartment
- Exterior side mount ladder rack curbside of roof
- 9" deep treadplate rear bumper with lowered center section
- Mechanic's vise bracket mounted curbside of bumper with Wilton 745 vise
- Class V receiver hitch with 7-way trailer plug
- Electric backup alarm
- Mud flaps installed
- Streetside of unit to have 6" diameter x 250" long pvc tube assembly with front bumper support

City-Wide Vehicles
Attachment C

- Federal Signal #651 strobe light mounted on stand attached to bulkhead of body above the cab
- Federal Signal #60360Y strobes flush mounted in each rear end panel
- Streetside front vertical to have Dimensions 3000 quasi-sine inverter mounted on shelf at top. Auxiliary battery on floor of compartment. Back of compartment to be vented. Additional GFI outlets installed in curbside front and curbside rear end panels
- VMAC VR70 underhood air compressor installed with hose reel and roller fairlead in curbside rear vertical. Hose reel to have 50 feet of 1/2" hose

City-Wide Vehicles
Attachment D

Lift Specifications

1.0 Model SST-37-EIH

2.0 Lift Specifications

- Minimum horizontal reach of 27.75 feet
- Travel height not to exceed 10.33 feet (based on 40 in. frame height)
- Minimum platform capacity of 350 pounds
- Must be manufactured in a ISO 9001 certified facility

3.0 Control System

- Unitrol single-stick upper control consists of a multi-jointed handle which operates the control valve. Safety trigger located on the underside of the single stick handle will not allow boom movement until it is depressed. Emergency stop control provided
- Individual full-pressure controls at the turret actuate all boom functions. The lower control station is equipped with a selector valve to override the upper controls
- Hydraulic control valves are full pressure and full flow
- Start/stop system designed so that the lift cannot be operated normally unless the Versalift power switch is activated and the truck ignition is in the "on" position. Start/stop controls are located at the upper and lower control stations
- Emergency power system consisting of a hydraulic pump driven by a DC motor, powered by the truck engine battery. System is connected in parallel with the main pump and is designed for non-continuous operation. The system can be operated from the upper or lower controls
- Engine throttle control gives a choice between idle speed or higher speed for increased hydraulic flow. The system can be operated from the upper or lower controls

4.0 Outer/Inner Boom Assembly

- Includes outer boom, telescopic inner boom, extension system and hose assemblies. The hoses routed through the outer/inner boom assembly are non-conductive and fully contained within the boom assembly
- Outer boom consists of a 6"x8" steel section and a 7.5"x9.5" fiberglass section (Electrogard)
- Unit must maintain a 42" insulation gap with the inner boom fully retracted
- Extension system consists of a hydraulic cylinder, two holding valves, and a hose carrier housed entirely within the boom assembly. The inner boom does not have to be removed to service the extension cylinder or slide pads
- Minimum inner boom extension of 116"
- Hydraulic extension cylinder with wear rings on the piston and end gland and a holding valve mounted to the cylinder base. The hose carrier system is a multi-link assembly with adequate space to carry hoses to the upper control station
- Ultra high molecular weight plastic slide pads mounted on the inner boom can be changed without removing the inner boom. The outer boom side and top slide pads are infinitely adjustable and the lower pad can be replaced without removing the inner boom
- The telescoping outer/inner boom assembly articulates from 14 degrees below horizontal to 74 degrees above horizontal. A double acting cylinder, equipped with counter balance holding valves, provides boom elevation
- Boom support cradle and a ratchet-type boom tie down strap are included

City-Wide Vehicles
Attachment D

5.0 Lower Boom Assembly

- Lower boom consists of a 6" square steel section. A double acting cylinder with dual holding valves allows the lower boom to articulate from 5 degrees below horizontal to vertical for a total travel of 95 degrees
- A compensation link forms a parallelogram linkage to maintain the outer/inner boom assembly at a constant angle to the turret
- Chassis insulation system/lower boom fiberglass insert provides an insulation gap of 12". A fiberglass section in the compensation link maintains the 12" insulation gap in all boom positions
- Insert is mounted on the steel boom sections then adhesive is pumped in under pressure to fill all voids. After curing, 16 bolts are added to assure maximum strength
- A stainless steel stud is provided at each end of the insert to shunt the system during electrical testing. Insert is tested per ANSI A92.2

6.0 Turret/Rotation

- Turret wings are 1/2" thick steel plate. A steel tube is welded between the turret wings to support the boom cylinder and provide rigidity
- The turret plate is machined flat to support the rotation bearing. A bearing cover is provided to prevent foreign material from interfering with lift rotation
- Rotation is continuous and unrestricted in either direction, this is accomplished by a hydraulically driven worm and spur gear acting on a shear-ball rotation bearing. An eccentric ring gearbox mounting allows for precise adjustments to the gearbox to pinion clearance
- The critical bolts holding the lift to the rotation bearing and the rotation bearing to the pedestal are SAE grade 8. These critical bolts are Torque Seal Marked to provide a quick means to inspect for loosening
- Articulating bucket

7.0 Pedestal

- Round shape with an access opening on both sides
- The 12 gallon hydraulic reservoir is built integral to the pedestal
- Top plate of the pedestal is 1-1/4" thick and machined flat to support the rotation bearing
- Dual sight gages are furnished on the pedestal for checking fluid level
- A 100-mesh suction strainer, 10 micron return filter and shut off valves are located inside the pedestal

8.0 Platforms and Options

- 24"x24"x42" closed fiberglass platform with one step
- Platform must be end mounted with hydraulically leveled platform. The leveling system must include a master/slave cylinder arrangement that can be actuated from the upper controls for cleanout or rescue
- Body harness and lanyard included with anchor for lanyard attached to the inner boom
- Each platform liner is tested and rate for 50 kV AC
- Soft vinyl platform cover

9.0 Platform Tools

- Hydraulic tool power is supplied at the upper controls with two hoses, one 3/8" hose for pressure and one 1/2" hose for return. The tool circuit provides up to 5 GPM (19 LPM) flow rate. (requires throttle control or a priority flow control)

City-Wide Vehicles
Attachment D

10.0 Hydraulic System

- Open-center hydraulic system operates at 3 gpm at 2,250 psi. The pump draws oil through a 100-mesh suction screen. A 10-micron return line filter with bypass valve is included. Fluid level gages are furnished for checking fluid level. Hydraulic oil is not included.
- Hydraulic power provided by PTO/pump configuration

11.0 General

- Non-lube bearings are used at most points of motion. Only the rotation gearbox and rotation bearing require periodic lubrication
- Complete unit is primed and painted with standard white urethane prior to assembly
- The high pressure hoses routed through the booms are non-conductive hoses with swaged hose end fittings. Reusable hose fittings can be installed if a hose is damaged
- Two operator's manuals and two service manuals are included
- All cylinders are equipped with type AQ seals, nylon backup rings, non-metallic bearings on pistons and end glands, rod wiper rings, threaded and welded rod ends, and chrome plated rods
- The extension cylinder has wear rings on the piston and end gland for extended seal life. Dual holding valves are mounted at the extension cylinder base to prevent boom creep during travel or uncontrolled movement in case of hydraulic hose failure. The extension cylinder can be removed without removing the inner boom. A hydraulic regeneration feature on the extension cylinder provides extension and retraction at approximately the same speed. The boom elevation cylinder has a single holding valve.
- Pins are high strength alloy steel and chrome plated for a hard finish and corrosion resistance. Cylinder pins are held in place with Torque Seal marked bolts at one end and a pin cap bolted to the other end

12.0 Stabilization

- H-frame outriggers with pivot feet, pilot operated check valves and a selector valve. Outriggers not to extend beyond the confines of the body

Service Body Specifications

1.0 Knapheide Model 6132D54

- 20" deep side compartments, 54" wide cargo area floor

2.0 Body Shell

- 14ga. 2 sided A40 galvanized steel

3.0 Doors

- Double shell 20ga. 2-sided A40 galvanized steel hat section reinforced doors
- Continuous stainless steel hinge
- Adjustable ring strikers on all doors
- Stainless steel paddle rotary-style latches on all doors
- Automotive bulb type neoprene door seals
- Double spring over center door retainers

4.0 Exterior Prime Paint

- Body is to be completely immersed in electrodeposition gray epoxy prime paint featuring a zinc phosphate precoat and seal for additional corrosion protection
- Prime paint is to be oven cured to provide a hard durable finish

City-Wide Vehicles
Attachment D

5.0 Interior Paint

- Interior paint to be mid-gloss, mar resistant, light gray finish

6.0 Warranty

- 6 year minimum limited warranty
- No rust through guarantee
- Latches and lock cylinders - unconditional guarantee against failure
- Shelves – guaranteed no to fail in bending under 250 pound load

City-Wide Vehicles
Attachment E

Knapheide "J" Model Body Specifications

1.0 Model 696J

2.0 Body Shell

- Constructed of 14ga. two-sided A40 galvalneal steel
- Compartment tops and backs are to be a one piece seamless design
- All doors, door openings, drip rails, and other exposed steel edges are to be hemmed for strength, safety and resistance to corrosion

3.0 Floor

- Floor plate is to be constructed of a minimum of 12ga. treadplate with a 1-3/8" return flange on each side
- Side compartment back panel should overlap and interlock with the floor flange, providing support for the weight of the side compartment

4.0 Understructure

- Cross sills are to be constructed from 11ga. steel with 50,000 psi minimum yield strength

5.0 Tailgate

- Constructed of 14ga. two-sided A40 galvalneal steel
- Minimum of 12" high and be a slammable style
- In open position, the tailgate shall be level with the cargo floor
- Tailgate shall not have any cables, chains or bars to support it in the open position so it can be used as a work surface for objects wider than the tailgate
- Hitch and 7 pin plug

6.0 Doors

- Constructed of 20ga. two-sided A40 galvalneal steel
- Double paneled with hat section reinforcements

7.0 Hinges

- Corrosion resistant all stainless steel continuous hinges are to be installed to provide full length support for the doors and pry-proof security with a built-in weather shield
- Spot welded to the door frames and must be supported with a six year warranty

8.0 Rotary Latches

- Stainless steel corrosion resistant rotary latches shall be secured to the door panels by three threaded studs attached to the back of the latch
- Latch must also have an internal cover to protect it from the contents of the compartment
- Rotary latches are to be slam-latchable
- Latching cam is to be elongated to allow the latch to move vertically relative to the lockstrike to prevent torsional damage
- Microcellular urethane foam gasket is to be installed between the latch flange and the outer door skin to prevent moisture from entering the compartment behind the latch

9.0 Door Strikers

- Adjustable strikers are to be affixed to the door frames with screws

City-Wide Vehicles
Attachment E

10.0 Door Seals

- Automotive “bulb type” neoprene door seals are to be installed by the manufacturer of the body on all door frames

11.0 Door Retainers

- Double spring over center door retainers installed on all vertical doors
- Door retainers need to hold doors in positive open or closed position (Other types of retainers, like cables or chains, are not acceptable for vertical doors)
- Horizontal doors are to be secured in an open position parallel to the ground by heavy duty chain retainers
- Chain retainers must be easily removable so that the door can be opened to a full 180 degrees to be able to access the compartment in tight areas

12.0 Shelving

- Constructed of 18ga. bright spangled galvanized steel
- Shelves should have hemmed dividers on 4” centers
- Minimum capacity rating of 250 pounds
- Standard factory shelving package

13.0 Exterior Prime Paint

- Body is to be completely immersed in electrodeposition gray epoxy prime paint featuring a zinc phosphate precoat and seal for additional corrosion protection
- Prime paint is to be oven cured to provide a hard durable finish

14.0 Interior Paint

- Mid-gloss, mar resistant, light gray finish

15.0 Undercoating

- Body is to be completely undercoated by the body manufacturer using a water base acrylic

16.0 Installation

- Rear body-to-chassis mounting brackets to incorporate bumper support and provide FMVSS 301 protection

17.0 Lighting

- Meet all FMVSS standards
- Wiring harness is to be encased in a plastic loom and all wires are to be colored for ease of troubleshooting
- Wire harness must have connectors that are compatible with Dodge, Ford and GM chassis without splicing
- Stop/tail/turn and backup lights are to be recessed in rear of body and be clear-back style
- Marker, clearance and RID lighting is to be LED type lighting
- Interior lighting wiring must be retained by a mechanical fastening system
- Interior Light guards are to be installed by the body manufacturer to provide protection for recessed stop/tail/turn and backup lights

18.0 Warranty

- Covered by a minimum six (6) year limited warranty
- No rust-thru guarantee
- Continuous door hinges – guaranteed not to fail to operate or come off product
- Latches and Lock Cylinders – unconditional guarantee against failure

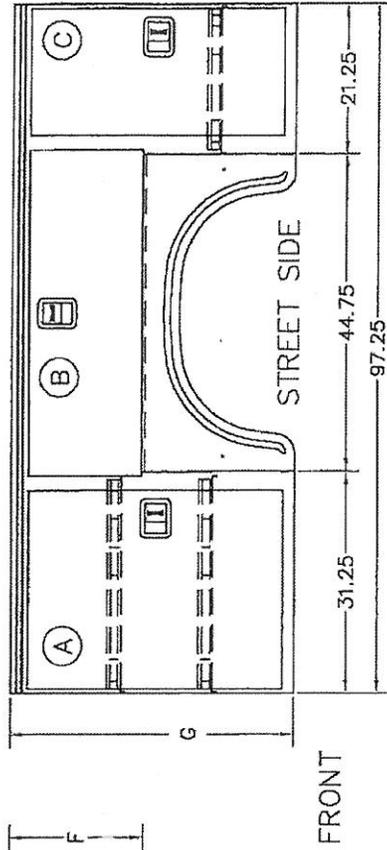
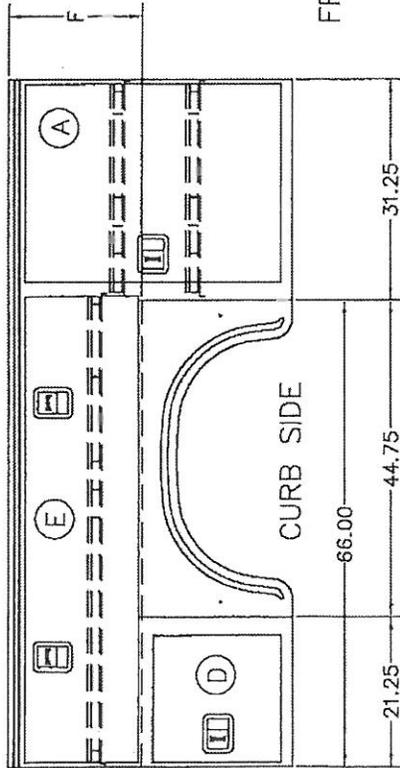
City-Wide Vehicles
Attachment E

- Shelves – guaranteed not to fail in bending under a maximum 250 pound rated load

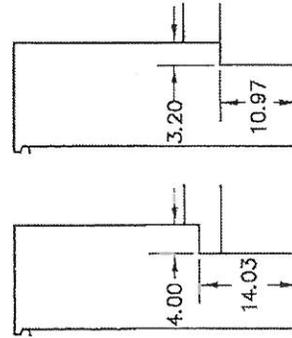
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700 SERIES CURB SIDE

600 SERIES BOTH SIDES
700 SERIES STREET SIDE

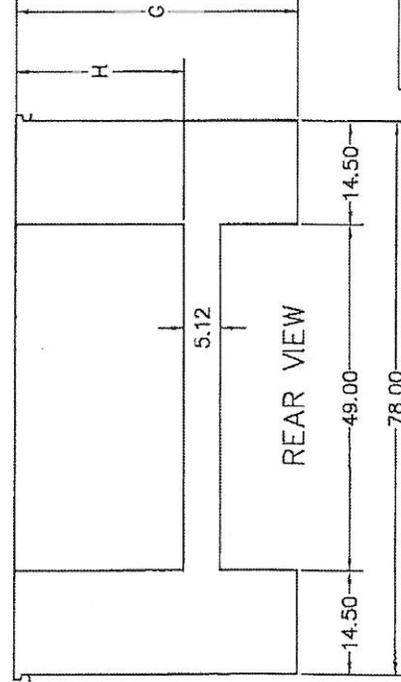
KES416J



NOTE: 696J IS SHOWN;
OTHER CHARTED DRAWINGS NOT TO SCALE



FRONT VERTICAL CUTOUT ALL 96" MODELS



REAR VIEW

"F" MODELS ONLY

MODEL	F	G	H
596J	18.50	40.00	24.00
596FJ40	19.75	41.25	25.25
596LPJ	14.50	36.00	20.00
596FJ	15.75	37.25	21.25

CLEAR DOOR OPENING

	A	B	C	D	E
WIDTH	25.50	43.50	15.50	17.50	63.50
HEIGHT (STD)	33.50	13.50	33.50	15.50	13.50
HEIGHT (LP & F)	29.50	9.50	29.50	15.50	9.50

REVISIONS
UNLESS OTHERWISE SPECIFIED, THE FOLLOWING TOLERANCES APPLY

NO.	CHANGE	BY	DATE
REV 1		UM	11/92
REV 2		JR	7/02
REV 3		JR	7/05

TOLERANCES APPLY
.X ± .12
.XX ± .06
.XXX ± .03
ANGLES ± 2°
PROPERTY OF THE KNAPPHIDE MFG CO. QUINCY, IL AND IS LOANED TO THE USER FOR DESIGN AND CONSTRUCTION OF THIS UNIT ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. PARTS FOR USE OR EXAMINATION.

THE KNAPPHIDE MFG CO
QUINCY, ILLINOIS

TITLE
96J SERIES
SERVICE BODY

DRAWN BY & DATE
JAA 9/19/98
CHECKED BY & DATE
SCALE
SHEET NO. 1 OF 1
DISCRIPTION NO.
KES416J