

**CITY OF KENOSHA
PUBLIC WORKS DEPARTMENT – WASTE DIVISION
NOTICE TO VENDORS
ONE (1) – 2020 TANDEM AXLE, TWENTY-FIVE (25) CUBIC YARD
REAR LOADING REFUSE PACKER TRUCK
WITH HYDRAULIC CONTAINER ATTACHMENT
AND DUAL CART TIPPERS
PROPOSAL NOTICE #04-20**

Issued: February 27, 2020

Sealed proposals will be accepted by the City of Kenosha, in the Department of Finance, Municipal Office Building, 625 52nd Street, Room 208, Kenosha, WI. 53140 until Thursday March 19, 2020 at 2:30 P.M. for the provision and delivery of the following equipment all in accordance with City of Kenosha standard terms and conditions, and detailed specifications:

**2020 TANDEM AXLE, TWENTY-FIVE (25) CUBIC YARD REAR LOADING
REFUSE PACKER TRUCK WITH HYDRAULIC CONTAINER
ATTACHMENT AND DUAL CART TIPPERS**

Proposals must be sealed and submitted on the attached proposal form and returned clearly marked with the scheduled date and time of opening. Proposals received after the date and time of opening will not be considered. All proposals shall be submitted in a sealed envelope carrying the following information: proposing firm's name, firm address, proposal description, proposal notice number and date and time of proposal opening. Proposals submitted via facsimile or through other electronic means will not be accepted.

Vendors shall furnish complete manufacturer descriptive literature describing in detail the equipment being proposed. Vendors must complete in entirety all questions and clarifications in the truck specifications. Any questions pertaining to the specifications should be directed to Mr. Jay Getka, Fleet Superintendent at 262-653-4077. Any questions and Inquiries regarding the proposal process itself can be directed the Finance Department at 262-653-4180.

The City of Kenosha reserves the right to award a contract to the most qualified proposer. The City reserves the right to accept or reject any or all proposals or to accept any proposal that is considered the most advantageous to the City of Kenosha.

The City of Kenosha is exempt from from Federal Excise Tax and State Sales Tax, therefore, proposals should be made exclusive of these taxes. A Tax Exemption Certificate will be furnished to the successful vendor.

State delivery date on the proposal form or the number of days from receipt of purchase order.

Delivery is F.O.B. Destination to the City of Kenosha, at the following address:

Public Works Department - Fleet Maintenance Division Garage
3725 65th Street
Kenosha, WI. 53142

Unit shall be new, unused and of the current model year. Factory rebuilt equipment or demonstration units will not be considered.

Award will be made within thirty (30) days of scheduled opening to the lowest responsive and responsible vendor meeting or exceeding City of Kenosha specifications, providing proposals are received within budgetary amounts.

**CITY OF KENOSHA
PUBLIC WORKS DEPARTMENT – WASTE DIVISION
MINIMUM SPECIFICATIONS
ONE (1) – 2020 TANDEM AXLE, TWENTY-FIVE (25) CUBIC YARD,
REAR LOADING REFUSE PACKER TRUCK
WITH HYDRAULIC CONTAINER ATTACHMENT
AND DUAL CART TIPPERS**

Minimum Specifications	Proposers Specifications
<p>1. <u>GENERAL:</u> It is the intent of this specification to describe the minimum requirements for one (1), tandem axle, rear loading refuse packer, to be purchased by the City of Kenosha, for use in the Department of Public Works – Waste Division. All parts, items, or features not specially mentioned, which are necessary or which are regularly furnished in order to provide a complete unit, shall be furnished and delivered by the successful Vendor at the proposed price and shall conform in strength, quality of material and workmanship to that usually provided by standard engineering practice.</p>	
<p>2. <u>MANUFACTURER'S WARRANTY:</u> The City of Kenosha is obligated to purchase equipment which will give service over a long life. During the warranty period, the Vendor shall replace and install, without charge, any defective parts or any parts not suitable for the service intended. All warranty work shall be picked up by the Vendor within seventy-two (72) hours of notification by the City and delivered within seventy-two (72) hours after completion of repairs. The warranty period shall begin when the vehicle is placed into service by the City.</p>	
<p>2.1 The Vendor shall be responsible for all “transportation” charges during the full warranty period for any equipment that requires warranty repair and/or replacement. The term</p>	

<p>“transportation” shall mean the physical driving of the unit by the Vendor but not to include towing or “trailing” of the unit. This includes picking up the unit from a designated City facility; delivery to an authorized repair facility; and return of the unit to a designated City facility.</p>	
<p>2.2 The Vendor shall supply the City with written authorization for any warranty work, performed by City personnel, which has been verbally agreed upon. The written authorization shall include both the labor and parts reimbursement agreement which shall either be faxed, electronically mailed or sent by First Class US Mail. The City will invoice the Vendor for all warranty work performed by City personnel.</p>	
<p>2.3 The Vendor shall warrant the complete unit, including the chassis, body, electrical and electronic components, emissions controls and components, dealer installed accessories and related components from defective parts and workmanship for a minimum of two (2) years from the date the equipment is placed into service.</p>	
<p>2.4 A complete detailed copy of the basic warranty and extended warranty policy, outlining the terms and conditions, shall be included with the proposal. The warranty terms shall be clearly stated and include all inclusions and exclusions along with expiration dates.</p>	
<p>2.5 OPTION #1: A detailed copy of an additional five (5) year total coverage Manufacturer’s Extended Powertrain Warranty, along with the coverage and cost to fleet customers, shall be included in the proposal. The Vendor shall provide specific details and costs of the Extended Manufacturer’s Powertrain Warranty Options, which shall include, but is not limited to, all internal and external engine manufacturer’s components, driveline/axles/ differential, engine exhaust emissions systems and electronic controls and sensors for all components. For the purpose of providing a cost for the extended warranty, the annual average mileage of operation is 15,000 miles. <u>Specify cost of Manufacturer’s Extended Powertrain Warranty.</u></p>	

<p>3. <u>SERVICE FACILITIES:</u> In order to insure that the City will be able to maintain and repair the equipment purchased, the Vendor shall operate a service facility capable of performing most repairs associated with the proposed equipment. This City approved facility shall be located within fifty (50) miles of the City of Kenosha Fleet Maintenance Division and be stocked with common replacement and high wear parts. The Vendor shall provide the name, address, telephone number and contact person for service, along with the proposal.</p>	
<p>4. <u>AWARD AUTHORITY:</u> The City shall be the sole judge of the quality, construction and suitability of the equipment offered in its determination of the successful Vendor.</p>	
<p>5. <u>DESCRIPTION OF EQUIPMENT:</u> A proposal shall be considered only if the Vendor clearly shows, without a doubt, that they are proposing regularly manufactured equipment, tried, proven, and in current use. A list of three (3) or more users, with like equipment, shall be furnished upon the request of the City, after the proposal opening. PRINTED LITERATURE DESCRIBING THE PARTICULAR EQUIPMENT INCLUDING ACCESSORIES (make, model and manufacturer's rating) SHALL BE INCLUDED WITH THE PROPOSAL.</p>	
<p>5.1 The Vendor shall propose the latest model of equipment manufactured, by the concern which they represent. Equipment shall be new and unused. Factory rebuilt equipment or demo units will not be considered.</p>	
<p>6. <u>SAFETY EQUIPMENT:</u> The vehicle shall comply with all applicable Federal Motor Vehicle Safety Standards.</p>	
<p>7. <u>SERVICE REQUIREMENTS:</u> The equipment will be used by the City of Kenosha Waste Division, for house to house curbside solid waste collections including garbage, recycling, yard waste and bulk items.</p>	

<p>8. <u>TECHNICAL REQUIREMENTS:</u> All specified features and accessories, listed below, shall be incorporated into a complete unit that is ready for operation.</p>	
<p>8.1 <u>TYPE:</u> The unit shall be a tandem axle, severe service chassis, (International HV607, Peterbilt 348, Freightliner 108SD or City-approved alternate) with a thirty eight inch (38”) minimum, setback front axle and be equipped with a fully hydraulic rear loading, refuse packer body with a hydraulic container attachment and dual cart tippers. <u>Specify truck manufacturer, model, and year of manufacture.</u></p>	
<p>8.2 <u>GVWR:</u> The unit shall have a minimum, certified GVWR of 56,000 pounds. A GVWR sticker shall be permanently affixed to the vehicle. <u>Specify GVWR.</u></p>	
<p>8.3 <u>FRAME:</u> The chassis frame shall be designed for severe duty use in municipal applications, such as refuse collection, heavy hauling, etc., and have a minimum, 120,000 PSI rating. <u>Specify frame rail rating.</u></p>	
<p>8.3.1 The frame shall have a minimum, Resist Bend Moment (RBM), of 2,568,400 inch pounds. <u>Specify RBM.</u></p>	
<p>8.3.2 The frame shall have a minimum, Section Modulus, of 21.4 cubic inches (or City-approved alternate). <u>Specify Section Modulus.</u></p>	
<p>8.3.3 The unit shall have the necessary cab to trunnion (CT) dimension for the installation of a twenty-five (25) yard rear loading refuse body, vertical exhaust stack and other body requirements. <u>Specify CT and wheelbase in inches.</u></p>	
<p>8.3.4 The unit shall have an integral frame extension at the front of the unit to accommodate the hydraulic pump, hoses, fittings, valves, etc. <u>Bolt or weld-on extensions are not acceptable.</u> NOTE: IF OPTION #4, IN BODY HYDRAULICS IS</p>	

<p>SELECTED, THE INTEGRAL FRAME EXTENSION IS NOT REQUIRED. <u>Specify length of extension.</u></p>	
<p>8.3.5 The unit shall have a single, severe duty, frame rail. <u>Specify if different.</u></p>	
<p>8.3.6 The unit shall have a severe service, thirty degree, (30), steel, swept back front bumper. <u>Specify if different.</u></p>	
<p>8.3.7 The frame shall have either Grade 8 bolt or Huck Bolt design. <u>Specify type of fastener is used.</u></p>	
<p>8.4 ENGINE: The unit shall have a Cummins ISL, or PACCAR PX9, 330 hp, diesel engine (or City-approved alternate). The diesel engine shall have a minimum 1,000 lb-ft torque @ 1,400 RPM and 330 hp @ 2,200 RPM. <u>Specify engine make, model, displacement, torque and hp @ 2,200 RPM.</u></p>	
<p>8.4.1 OPTION #2: If Option #2 is selected, the unit shall be supplied with an engine having a minimum 350 hp @ 2,200 RPM and 1,150 ft-lb. Torque @ 1,400 RPM. <u>Specify make, model, displacement, hp and torque @ rated RPM and cost of Option #2.</u></p>	
<p>8.4.2 The engine shall have an enabled, electronic, automatic engine shut down system. The engine shutdown system shall include low engine oil pressure, high coolant temperature, low coolant level, and automatic override. <u>Specify if different.</u></p>	
<p>8.4.3 The engine shall have a front crankshaft mounted PTO flange provision. The PTO flange is to be utilized, only if the body hydraulic pump is engine driven. <u>Specify if different.</u></p>	
<p>8.4.4 The engine shall have an installed 110 volt, 1100 watt, minimum, engine block heater, with a receptacle type plug</p>	

<p>socket and cover, mounted in a location approved, in advance by the City. <u>Specify mounting location.</u></p>	
<p>8.4.5 The engine shall have a heavy duty, dry type, air cleaner with safety element and restriction indicator. <u>Specify if different.</u></p>	
<p>8.4.6 The engine oil pan shall be constructed of a non-corrosive material or be powder coated to prevent corrosion. <u>Specify corrosion protection method.</u></p>	
<p>8.4.7 The unit shall have an exhaust system with a horizontal muffler, vertical tail pipe with guard. The tail pipe shall be turned out and be mounted on the right side of the cab. <u>Specify if different.</u></p>	
<p>8.5 COOLING SYSTEM: The unit shall have a heavy duty, cross flow radiator, filled with extended life antifreeze and be protected to, a minimum of, -34 degrees Fahrenheit. <u>Specify if different.</u></p>	
<p>8.5.1 The engine cooling fan drive shall be of a direct drive, Horton (or City-approved alternate) air actuated, two (2) speed model. <u>Specify if different.</u></p>	
<p>8.5.2 The radiator shall be mounted above the frame rails. The radiator shall have no cut out for a PTO shaft. <u>Specify if different.</u></p>	
<p>8.6 TRANSMISSION: The unit shall have an electronically controlled, automatic transmission with six (6) forward speeds and one (1) reverse speed (Allison 3500 RDS or other City-approved alternate). The transmission shall have a temperature gauge mounted in the cab. The transmission gear selector shall be of a push button type, mounted in or on the dashboard panel. The transmission shall be capable of manual range selection or automatic shifting. The transmission shift pattern shall be</p>	

illuminated for night use. The transmission shall be factory filled with synthetic fluid approved by Allison. The transmission filler tube/dipstick shall be clearly labeled with the type of fluid used. <u>Specify transmission make and model, and type of fluid used.</u>	
8.6.1 The transmission shall be equipped with an Automatic Neutral Feature. This feature will automatically shift the transmission into Neutral when the parking brake is engaged. <u>Specify if different.</u>	
8.6.2 The transmission shall have provisions for a direct mount/constant mesh PTO and hydraulic pump. Access to the both PTO openings shall be unobstructed. <u>Specify if different.</u>	
8.7 <u>BRAKES</u> : The unit shall have full air, anti-lock brakes, with automatic slack adjusters. <u>Specify if different.</u>	
8.7.1 All air lines shall be colored coded and use quick connectors. <u>Specify if different.</u>	
8.7.2 The front brakes shall be air disc. <u>Specify make and model of air disc brake system.</u>	
8.7.3 The rear brakes shall be 16.5" x 7" with thirty, (30) square inch chambers with dust shields. The rear brakes shall have parking brake chambers on both rear axles. <u>Specify size of rear brakes and rear brake chambers.</u>	
8.7.4 The unit shall have a minimum 16.5 CFM, water cooled, air compressor. <u>Specify CFM.</u>	
8.7.5 The unit shall have a Bendix AD-IS air dryer (or City-approved alternate). The air dryer shall be installed before the air tanks to minimize water accumulation. <u>Specify if different.</u>	

<p>8.8 FRONT AXLE: The front axle shall have not less than a 16,000 pound, load rating. <u>Specify front axle, load rating and manufacturer.</u></p>	
<p>8.8.1 The front axle shall have “wet hub oil seal” wheel ends. The hubs shall have inspection caps and be factory filled, with a synthetic lubricant. <u>Specify if different.</u></p>	
<p>8.8.2 The front axle shall have “hub piloted” steel wheel ends. <u>Specify if different.</u></p>	
<p>8.9 FRONT SUSPENSION: The front axle, suspension springs shall not have less than a 16,000 pound load rating with heavy duty, dual acting, shock absorbers. <u>Specify front axle suspension and load rating.</u></p>	
<p>8.9.1 The front suspension springs shall have heavy duty bushings and pins. <u>Specify if bushings are greaseable or non-greaseable.</u></p>	
<p>8.10 REAR AXLE: The rear axle(s) shall not have less than a 40,000 pound load rating. <u>Specify axle load rating, make, and model of axle(s) and differential(s).</u></p>	
<p>8.10.1 The rear axle differentials shall be factory filled with a high quality, synthetic gear lubricant and have the lubricant type identified on the axle housings. <u>Specify if different.</u></p>	
<p>8.10.2 The rear axle(s) shall have a driver controlled, air actuated, inter-axle differential lock with lighted, dash mounted controls, in the cab. <u>Specify if different.</u></p>	
<p>8.10.3 The rear axle shall have “hub piloted” steel wheel ends. <u>Specify if different.</u></p>	

<p>8.10.4 The rear axle(s) shall have a gear ratio to provide a minimum top speed of seventy (70), MPH regardless of the engine provided, while maintaining good all around driveability. <u>Specify gear ratio and top vehicle speed.</u></p>	
<p>8.11 <u>REAR SUSPENSION:</u> The rear suspension shall have no less than a minimum 40,000 pound load rating and have maximum ground clearance for off-road applications. This refuse packer will be primarily operated on paved roads and City alleys. The unit must be able to traverse off-road, with conditions such as a landfill dump site. <u>Specify rear suspension type, model, load rating and manufacturer.</u></p>	
<p>8.11.1 The rear suspension shall be equipped with heavy duty, double acting, shock absorbers. <u>Specify if different.</u></p>	
<p>8.12 <u>STEERING:</u> The unit shall have a tilt, telescopic, steering column and heavy duty, integral, power steering with dual steering boxes. Slave assisted steering is not acceptable. <u>Specify type of power steering system.</u></p>	
<p>8.12.1 The front axle shall be of the set back design to improve handling. <u>Specify turning radius.</u></p>	
<p>8.12.2 The hydraulic pump for the power steering system shall be of the direct drive type, with a remote mounted reservoir, fluid level dipstick, and a replaceable filter. <u>Specify if different.</u></p>	
<p>8.13 <u>FUEL TANK:</u> The unit shall have an aluminum diesel fuel tank with a minimum fifty (50) U.S. gallon capacity, mounted on the left side of the vehicle. The fuel tank straps shall be either aluminum or stainless steel. All cab entry steps shall be aluminum. The fuel tank shall be mounted to provide adequate clearance for use in off highway conditions. <u>Specify if different.</u></p>	
<p>8.13.1 The unit shall have a DEF tank with a minimum (5) five U.S. Gallon capacity, mounted on the left side of the vehicle.</p>	

<p>The DEF tank shall be mounted to the rear of the fuel tank, the DEF tank shall be clearly labeled to avoid contamination of fluids. <u>Specify size and mounting location.</u></p>	
<p>8.14 WHEELS: The unit shall have front and rear “hub piloted” steel wheels. The wheel size shall be 22.5" x 9" on the front and 22.5" x 8.25" on the rear. One spare wheel for the front of the unit shall be provided with the unit at the time of delivery.</p>	
<p>8.14.1 <u>Specify front wheel size.</u></p>	
<p>8.14.2 <u>Specify rear wheel size.</u></p>	
<p>8.14.3 The steer and drive axles shall have high visibility, wheel check indicators installed at all wheel ends and all wheel nuts. <u>Specify if different.</u></p>	
<p>8.15 TIRES: All tires on the unit shall be tubeless radials manufactured by Goodyear (or other City-approved alternate). The front tires shall be Goodyear model G289 (315/80R22.5) and the rear tires shall be Goodyear model G177 (11R22.5) traction tread. The front tires shall be 20 ply and rear tires shall be 16 ply.</p>	
<p>8.15.1 <u>Specify front tire make, model, and size.</u></p>	
<p>8.15.2 <u>Specify front tire load range.</u></p>	
<p>8.15.3 <u>Specify rear tire make, model, and size.</u></p>	
<p>8.15.4 <u>Specify rear tire load range.</u></p>	
<p>8.16 FRONT END: The unit shall have a full tilt, fiberglass,</p>	

front end with a stationary grille and a full gravel guard, located behind the grill. <u>Specify if different.</u>	
8.17 <u>INSTRUMENTS:</u> The unit shall have the following gauges and warning indicators in the cab.	
8.17.1 Engine coolant temperature gauge.	
8.17.2 High temperature warning light and alarm.	
8.17.3 Engine oil pressure gauge.	
8.17.4 Low engine oil pressure warning light and alarm.	
8.17.5 Speedometer.	
8.17.6 Odometer.	
8.17.7 Electronic engine hour meter.	
8.17.8 High engine oil temperature alarm.	
8.17.9 Transmission oil temperature gauge with warning light.	
8.17.10 Dual air pressure gauge(s) with audible low air pressure alarm.	
8.17.11 Fuel gauge.	

8.17.12 Voltmeter.	
8.17.13 Tachometer.	
8.17.14 DEF gauge.	
8.17.15 All gauges shall be lighted and positioned for good visibility from the driver's seat. <u>Specify if different.</u>	
8.18 <u>ELECTRICAL SYSTEM:</u> The unit shall have a twelve, (12), volt electrical system with a 160 amp minimum, alternator. <u>Specify alternator size in amps.</u>	
8.18.1 The complete, chassis electrical system shall have a built in, self diagnosis provision. <u>Specify if different.</u>	
8.18.2 The unit shall have three (3) batteries with approved hold downs, for a combined total of 1,950 CCA (minimum) @ 0 degrees Fahrenheit. <u>Specify number of batteries, mounting location and CCA @ 0 degrees Fahrenheit.</u>	
8.18.3 The unit shall have auto reset circuit breakers, where applicable, located in one main panel. <u>Specify all electrical items protected by fuses.</u>	
8.18.4 All vehicle lighting shall comply with Federal Motor Vehicle Safety Standard (FMVSS) 108. <u>Specify if different.</u>	
8.18.5 All wiring harnesses shall be color coded and numbered with quick disconnect connectors and shall be accessible for maintenance. <u>Specify if different.</u>	
8.18.6 A Safe-T-Alert 2000 Series-Model STA20502-G (or City-approved alternate) back-up alarm shall be installed at the	

rear of the chassis. <u>Specify if different.</u>	
8.18.7 The unit shall have provisions for the body up-fitter to perform the necessary electrical connections to the chassis wiring system. <u>Specify if different.</u>	
8.18.8 The unit shall have a battery disconnect switch with a six (6) minute delay timer (Flaming River #FR1052 and #FR1055 or other City-approved alternate) installed per manufacturer's instructions. <u>Specify if different.</u>	
8.18.9 The unit shall be equipped with halogen, high and low beam, sealed headlights, front and rear directional lights with hazard warning switch, dual tail and stop lights, cab clearance lights, backup lights and a cab interior light with switch. <u>Specify if different.</u>	
8.18.10 The unit shall have a "tailgate up" light and audible alarm, supplied by the body manufacturer, installed in the cab, in view of the operator. <u>Specify if different.</u>	
8.18.11 All electrical system items shall be properly protected and all add-on accessories shall comply with the City's "ACCESSORY WIRING SPECIFICATIONS", copy attached. <u>Specify if different.</u>	
8.18.12 All chassis lighting shall be manufacturer installed, LED lighting, with the exception of the headlights. <u>Specify if different.</u>	
8.18.13 The unit shall be pre-wired from the factory for a two-way mobile radio. The wiring shall be fuse protected. <u>Specify if different.</u>	
8.19 <u>LIGHTING-WARNING:</u> One (1) SoundOff Signal 6" Oval Gen 2 LED strobe-Model EOVREBZA with rubber grommet	

(or other City-approved alternate) shall be mounted in the upper left, front corner and one (1) in the upper right, front corner of the packer body. The strobe flash pattern shall be in an alternating pattern. <u>Specify if different.</u>	
8.19.1 One (1) SoundOff Signal 6" Oval Gen 2 LED strobe: Model EOVBZBA with rubber grommet (or other City-approved alternate) shall be mounted in the upper left, rear corner and one (1) in the upper right, rear corner of the packer body. The strobe flash pattern shall be an alternating pattern. <u>Specify if different.</u>	
8.19.2 All packer body side marker/clearance lights shall be SoundOff Signal Premium LED 200 Series LED lights (or other City-approved alternate). <u>Specify if different.</u>	
8.19.3 All body lighting shall be rubber grommet mounted. No surface mount lighting shall be used unless approved in advance, by the City. <u>Specify if different.</u>	
8.20 CAB: The unit shall have a heavy duty, heater and defroster. <u>Specify if different.</u>	
8.20.1 The unit shall have factory installed, air conditioning, with a serviceable, cabin air filter. <u>Specify if different.</u>	
8.20.2 The unit shall have tinted, safety glass throughout the cab. <u>Specify if different.</u>	
8.20.3 The unit shall have seat belts, with shoulder straps. <u>Specify if different.</u>	
8.20.4 The unit shall have a factory installed, AM/FM, Bluetooth compatible, radio with clock. <u>Specify if different.</u>	
8.20.5 The unit shall have electric, intermittent windshield	

wipers with washers. <u>Specify if different.</u>	
8.20.6 The unit shall have dual sun visors. <u>Specify if different.</u>	
8.20.7 The unit shall have painted, aerodynamic, motorized, heated, breakaway mirrors with heated, convex mirrors (or City approved alternate). <u>Specify if different.</u>	
8.20.8 The unit shall have a driver's side air suspension bucket seat with a right side, fold-able arm rest. <u>Specify make and model of driver's seat.</u>	
8.20.9 The unit shall have a passenger's side air suspension bucket seat with a left side, fold-able arm rest. <u>Specify make and model of passenger's seat.</u>	
8.20.10 The unit shall have an air horn, mounted on the frame or under the hood. The unit shall also have heavy duty, dual, electric horns. <u>Specify if different.</u>	
8.20.11 The unit shall have an air ride cab (or other City-approved alternate). <u>Specify if different.</u>	
8.20.12 The unit shall have a full width rear window. <u>Specify if different.</u>	
8.20.13 The unit shall have factory installed power windows and door locks. <u>Specify if different.</u>	
8.21 <u>REFUSE PACKER:</u> The chassis shall have a twenty-five (25) cubic yard, hydraulically operated refuse packer with a hydraulic container handling push bar attachment and dual cart tippers at the rear of the hopper. The refuse packer shall be installed on the chassis, furnished by the Vendor. <u>Specify if</u>	

<u>different.</u>	
8.21.1 The packer body less hopper, shall have a twenty-five (25) cubic yard minimum capacity. <u>Specify capacity in cubic yards.</u>	
8.21.2 The packer roof and body shall have a curved design. <u>Specify if different.</u>	
8.21.3 The packer roof and sides shall be a one (1) piece design and have a ten (10) gauge minimum thickness with 80,000 PSI minimum yield strength. <u>Specify wall thickness and yield strength.</u>	
8.21.4 The packer floor shall be one-quarter inch (1/4") thickness minimum, with 50,000 PSI minimum yield strength. The floor sheets shall be fully welded to the side sheets, the entire length of the body. <u>Specify floor thickness and yield strength.</u>	
8.21.5 The body shall have additional replaceable steel liners on the ramps and rear floor areas. <u>Specify thickness and yield strength of additional liners.</u>	
8.21.6 The packer body floor shall have heavy duty support braces running perpendicular from the center to the sides. <u>Specify dimensions and yield strength of bracing.</u>	
8.21.7 The packer body shall have an access door with a latch and locking mechanism located on the left front corner of the body. <u>Specify the size and location of the access door.</u>	
8.21.8 All exposed plumbing and electrical on the roof of the body shall be protected from damage by low hanging tree limbs or other obstacles encountered during curbside refuse collection. <u>Specify method of protection.</u>	

<p>8.21.9 The height of the body above the chassis frame shall be ninety-four (94") inches maximum. <u>Specify overall height of the body above the chassis frame.</u></p>	
<p>8.22 HOPPER: The hopper floor shall be one-quarter inch (1/4") thickness minimum with 100,000 PSI abrasion resistant steel with an additional one (1) piece, one-quarter inch (1/4") hopper bottom liner. <u>Specify total hopper floor thickness and yield strength.</u></p>	
<p>8.22.1 The bottom of the hopper shall be adequately braced, from the exterior, and must not interfere with the refuse material when swept into the body. <u>Specify type of bracing and thickness of bracing on the hopper bottom.</u></p>	
<p>8.22.2 The hopper sidewall shall be one-quarter inch (1/4") thickness, minimum with 50,000 PSI minimum yield strength with an additional one-quarter inch (1/4") hopper side liner. <u>Specify total sidewall thickness and yield strength.</u></p>	
<p>8.22.3 The hopper opening shall be a minimum seventy-five inches (75") wide by fifty-four inches (54") high. <u>Specify hopper opening in inches.</u></p>	
<p>8.22.4 The hopper shall have a three and one-half (3- ½) cubic yard minimum capacity. <u>Specify hopper capacity in cubic yards.</u></p>	
<p>8.22.5 The total packing cycle time shall be no more than twenty-five (25) seconds. <u>Specify total cycle time in seconds.</u></p>	
<p>8.22.6 The refuse packer shall be capable of "Packing on the run". The pack system shall have controls for normal packing operations when the vehicle is not in motion. <u>Specify if different.</u></p>	

<p>8.23 <u>PACKER MECHANISM:</u> The packer face plate shall be one-quarter inch (1/4”), thickness minimum with 80,000 PSI, high tensile strength steel. <u>Specify thickness and yield strength.</u></p>	
<p>8.23.1 <u>OPTION #3:</u> If Option #3 is selected, the packer will have a heavy-duty packing plate designed for commercial use installed. <u>Specify cost for Option #3.</u></p>	
<p>8.23.2 The packer plate shall have two (2) double acting cylinders with a five inch (5”) bore minimum. <u>Specify number of cylinders, type and size.</u></p>	
<p>8.23.3 The carrier face shall be three-sixteenth inches (3/16”) thickness minimum with 50,000 PSI high tensile strength steel. <u>Specify thickness and yield strength.</u></p>	
<p>8.23.4 The carrier plate shall have two (2) double acting cylinders with a five inch (5”) bore minimum. <u>Specify number of cylinders, type and size.</u></p>	
<p>8.23.5 The packer mechanism must compact the material, into the body, and against the push out panel. The packing plate must produce sufficient packing pressure to allow the body to fill to the maximum capacity. <u>Specify packing blade force in LBS per yard.</u></p>	
<p>8.23.6 The packer mechanism must comply with industry safety standards which require that the packing cycle be a two (2) step process. <u>Specify if different.</u></p>	
<p>8.24 <u>TAILGATE:</u> The tailgate shall be top hinged at the roof line. The tailgate shall have two (2) cylinders with a four inch (4”) bore minimum to raise the tailgate for load ejection. The tailgate cylinders shall have a mechanical restricting device, to prevent rapid descent of the tailgate, in the event of a hydraulic failure. <u>Specify number of cylinders, size and type of safety device.</u></p>	

<p>8.24.1 The tailgate shall have adjustable bolt-on open material grip strut steps with hand rails and grab handles located on both the left and right rear corners of the body. Steps must comply with all ANSI standards. <u>Specify if different.</u></p>	
<p>8.24.2 The unit shall be equipped with a tailgate “open” switch with indicator light, located in the cab, in clear view of the operator, in the seated position. <u>Specify if different.</u></p>	
<p>8.24.3 The unit shall be equipped with an audible alarm indicating an open tailgate. The alarm must be activated when the opening between the body and tailgate is one (1) or more feet. The tailgate alarm shall have the same decibel rating as the back up alarm. <u>Specify decibel rating of alarm and distance to activate the alarm.</u></p>	
<p>8.24.4 The tailgate shall be secured in the closed position with two (2) manually operated screw clamps, one (1) on each side. The clamps must have a large handle, for ease of use while wearing gloves. <u>Specify if different.</u></p>	
<p>8.24.5 The tailgate shall have a replaceable water tight rubber seal between the body and the tailgate. <u>Specify method of attachment and distance sealed.</u></p>	
<p>8.24.6 The tailgate shall have self contained safety prop stands for mechanically locking the tailgate in a fully raised position to perform service work. <u>Specify if different.</u></p>	
<p>8.24.7 All exposed hydraulic plumbing and electrical harnesses on the tailgate shall be protected from damage by low hanging tree limbs or other obstacles encountered during curbside collection. <u>Specify method of protection.</u></p>	
<p>8.24.8 The tailgate shall have removable panels to access</p>	

<p>the hydraulic controls, linkages, electrical components or other service items. <u>Specify if different.</u></p>	
<p>8.24.9 The loading sill height shall be four inches (4") minimum below the chassis frame, when the body is installed on the chassis. This dimension must be maintained even after installation of the container handling device. <u>Specify distance below the chassis frame in inches.</u></p>	
<p>8.25 <u>CONTROLS:</u> The packer controls shall be located curbside at the rear of the body and must be manually operated. Automatic throttle advance must be provided for the packing cycle. <u>Specify if different.</u></p>	
<p>8.25.1 Automatic throttle advance (speed up) shall be controlled and monitored by the engine or transmission computer. Necessary speed adjustments must be accessible by the customer utilizing the appropriate computer software and communication adapters. <u>Specify which on board vehicle module is monitoring the engine speed during the packing cycle.</u></p>	
<p>8.25.2 The packer controls shall be of the heavy duty, positive level split cycling design with automatic engine speed up. <u>Specify if different.</u></p>	
<p>8.25.3 The packer controls shall be able to operate independently of each other should it be necessary to operate the carrier or packing blade in reverse directions. <u>Specify if different.</u></p>	
<p>8.25.4 The tailgate and ejection panel shall be manually operated. An engine speed up switch shall be located with the tailgate and ejection panel levers for use when unloading. <u>Specify if different.</u></p>	
<p>8.25.5 The power take off (PTO) and engine speed control switches shall be mounted in the cab, in reach and view of a</p>	

seated operator. The switches shall be lighted and properly labeled. <u>Specify if different.</u>	
8.26 <u>LOAD EJECTION SYSTEM:</u> The load ejection system shall be accomplished by a full stroke, double acting telescopic hydraulic cylinder. Dumping or raising of the body is not acceptable. <u>Specify type of load ejection system.</u>	
8.26.1 The ejection panel telescopic cylinder shall be installed at an upwards angle to prevent from tipping forward during the complete ejection process. <u>Specify if different.</u>	
8.26.2 The telescopic cylinder shall be attached to the ejection panel with bearing housings to simplify cylinder removal. <u>Specify if different.</u>	
8.26.3 To maximize compaction, the ejection panel hydraulics shall have an adjustable resistance value included with the control valves. <u>Specify if different.</u>	
8.26.4 The ejection panel shall be designed in a manner which enables the material to fill the body completely and improves the compaction of material. <u>Specify if different.</u>	
8.26.5 The ejection cylinder shall not come into direct contact with debris that may accumulate behind the ejection panel. <u>Specify if different.</u>	
8.26.6 The ejection panel shall have serviceable slides or shoes, made of heavy-duty abrasion resistant poly material. The slides must be replaceable without removal of the ejection panel. <u>Specify number and slide/shoe material.</u>	
8.26.7 The ejection panel shall extend to no less than one inch (1") from the sides and the roof of the body. <u>Specify the distance in inches between the ejection panel and body sides</u>	

<u>and roof.</u>	
8.26.8 The ejection panel frontal sheet shall be three-sixteenth inches (3/16”) thickness minimum with 50,000 PSI yield strength. <u>Specify ejection panel frontal sheet thickness and yield strength.</u>	
8.26.9 The ejection panel shall be reinforced in the high stress areas: cylinder mounts, support pedestals, etc. <u>Specify reinforced areas.</u>	
8.27 <u>HYDRAULIC CONTAINER HANDLING SYSTEM:</u> The packer body shall have a fully hydraulic container lifting system with container locking bars installed at the rear of the hopper. Cable/winch systems are not acceptable. <u>Specify type of container lifting system.</u>	
8.27.1 The container handling system shall be capable of lifting a fully loaded one (1) one and one-half (1 ½) or a two (2) cubic yard refuse container. <u>Specify if different.</u>	
8.27.2 The container handling system must be capable of lifting a 2,500 pound container and dump the entire contents into the refuse hopper. <u>Specify the lifting capacity of the container handling system.</u>	
8.27.3 The rear of the hopper shall have a stop bar or a mechanical device to prevent the container from falling into the hopper. The stop shall be constructed of heavy wall tubing and be bolted into place and easily removable for repairs. <u>Specify dimensions of stop bar and mounting used.</u>	
8.27.4 The container handling system shall be able to lift, dump and return the container to the ground in one (1) continuous motion after the control lever is actuated, from the curbside of the unit. <u>Specify method of operation and location of controls.</u>	

8.27.5 The container handling system must meet all ANSI standards for container handling. <u>Specify if different.</u>	
8.28 <u>CART TIPPER SYSTEM:</u> The unit shall have dual cart tippers installed at the rear of the hopper. The cart tippers shall operate independent of each other, with separate controls for each tipper. <u>Specify if different.</u>	
8.28.1 The cart tippers shall be capable of lifting one (1), ninety-five (95) gallon (Rehrig Pacific EnviroGuard Roll Out or City-approved alternate) cart. <u>Specify if different.</u>	
8.28.2 The cart tippers shall be mounted in a cut-out in the hopper sill to accommodate the use of the hopper for the hydraulic container handling system. <u>Specify if different.</u>	
8.28.3 The cart tipper shall be able to lift, dump and return the cart to the ground in one (1) continuous motion after the hydraulic lever is actuated. <u>Specify method of operation and location of cart tipper controls.</u>	
8.28.4 The cart tipper shall have a hydraulic actuated locking device for the cart to prevent the cart from falling into the hopper. <u>Specify if different.</u>	
8.28.5 The cart tipper system must meet all ANSI standards for container handling. <u>Specify if different.</u>	
8.29 <u>HYDRAULIC SYSTEM:</u> The hydraulic pump shall be front mounted and driven off of the engine crankshaft pulley with a heavy duty PTO drive line. The hydraulic pump shall have long life internal components with wear compensating features to maintain a consistent oil flow rate, during the life of the pump. <u>Specify if different.</u>	

<p>8.29.1 OPTION #4: If Option #4 is selected, the unit shall have a transmission direct mount “Hot Shift” PTO with a direct mount hydraulic pump. A switch with an “On” indicator for the PTO shall be installed in the cab, in view and reach of a seated operator. DRIVE SHAFTS OR DRIVE LINES FOR THIS HYDRAULIC PUMP CONFIGURATION, ARE NOT ACCEPTABLE. <u>Specify cost of Option #4.</u></p>	
<p>8.29.2 The hydraulic pump shall have sufficient flow and PSI to allow for smooth and efficient operation of the packer, container bar and cart tippers. <u>Specify hydraulic pump make, model and rated GPM @ RPM.</u></p>	
<p>8.29.3 The hydraulic system shall be designed to “Pack on the Run”, with engine speed up disabled. <u>Specify if different.</u></p>	
<p>8.29.4 To prevent hydraulic pump over speed and hydraulic pump engagement above recommended engine speed for safe hydraulic system operation, the unit shall have an engine over speed control enabled and monitored by the engine or transmission module. Adjustments to the over speed settings may be performed by the customer, if necessary. <u>Specify which module is enabled and monitors the engine over speed protection.</u></p>	
<p>8.29.5 The hydraulic system shall have an in-tank, hydraulic suction strainer with 140 micron minimum rating and a by-pass valve. <u>Specify strainer micron rating and by-pass valve.</u></p>	
<p>8.29.6 All hydraulic cylinder rods utilized on/in the packer body shall be chrome plated. <u>Specify if different.</u></p>	
<p>8.29.7 The hydraulic control operating valves for packing, tailgate, ejection panel, hydraulic container system and cart tippers shall be located in a convenient location for ease of service and protection from damage. <u>Specify location of all hydraulic operating valves.</u></p>	

<p>8.29.8 All hydraulic lines, running along the roof shall be located below the highest portion of the roof line to prevent damage from overhead objects. <u>Specify if different.</u></p>	
<p>8.29.9 The hydraulic tank shall have an adequate capacity to maintain constant oil supply to the hydraulic pump, during normal operating conditions. <u>Specify hydraulic tank capacity and type of hydraulic fluid used.</u></p>	
<p>8.29.10 The hydraulic system shall have an external filter with a ten (10) micron minimum rating located on the hydraulic return line. <u>Specify filter micron rating and location.</u></p>	
<p>8.29.11 The hydraulic system shall have an oil level sight gauge located on the hydraulic tank visible from the ground level. <u>Specify location of hydraulic oil level gauge.</u></p>	
<p>8.29.12 The hydraulic tank shall be located on the curbside and securely mounted to the body. <u>Specify mounting location of the hydraulic tank.</u></p>	
<p>8.29.13 The hydraulic hoses and lines must be SAE approved. Construction and burst pressures must be rated at four (4) times the normal operating pressures. <u>Specify if different.</u></p>	
<p>8.30 <u>MOUNTING:</u> The packer body shall be installed at the body manufacturer's facility and shall be a complete operational unit when delivered. <u>Specify if different.</u></p>	
<p>8.31 <u>OPTION #5:</u> If Option #5 is selected, the unit shall have an installed backup camera with cab mounted monitor. <u>Specify make, model and cost of Option #5.</u></p>	
<p>8.32 <u>PAINT:</u> The unit shall have all seams caulked and be</p>	

<p>thoroughly cleaned and de-greased prior to painting. The cab shall be factory primed and painted with a two (2) component base coat/clear coat paint process. The truck chassis shall be factory primed and painted. The rest of the unit shall be painted the same color as the factory color. All non-factory paint shall be City-approved in advance of the actual painting and be applied at the manufacturer's recommended rate and paint thickness. <u>Specify if different.</u></p>	
<p>8.32.1 The chassis cab color shall be a factory applied high visibility orange (Axalta 783646 EX or City-approved alternate), base coat with a clear coat. <u>Specify paint manufacturer, color and paint code used.</u></p>	
<p>8.32.2 The truck chassis shall be factory primed and painted black. <u>Specify if different.</u></p>	
<p>8.32.3 The surfaces primed and top-coated by the body up-fitter, shall be warranted against rust-through, peeling, cracking, blistering or general failure of the top coat to adhere to the surface for a minimum of five (5) years. <u>Specify any exceptions.</u></p>	
<p>8.33 OPTION #6: If Option #6 is selected, the unit shall be supplied with Groeneveld SingleLine Auto Lube System, (or other City-approved alternate) installed. The system shall be installed according to the manufacturer's suggested recommendations. The system shall be connected to every possible grease location, available on the unit. <u>Specify manufacture, make, model and cost of Option #6.</u></p>	
<p>8.34 MISCELLANEOUS: The unit shall have a five (5) pound ABC rechargeable fire extinguisher with a one (1) piece friction fit bracket, Part # 5012Z (available from Belle City Extinguisher or other City-approved alternate) installed at a location in the vehicle, selected, in advance, by the City. <u>Specify if different.</u></p>	

<p>8.34.1 The unit shall be supplied with a reflector flare kit. <u>Specify if different.</u></p>	
<p>8.34.2 The unit shall be supplied with four (4) complete sets of keys. <u>Specify if different.</u></p>	
<p>8.34.3 The Vendor shall be responsible for registering and providing municipal license plates for the unit. <u>Specify if different.</u></p>	
<p>9. <u>DELIVERY:</u> Delivery shall be made to Kenosha Fleet Maintenance Division, 3725 65th St., Kenosha, Wisconsin, 53142, after all “pre-delivery” services have been performed.</p>	
<p>9.1 The Vendor shall be responsible for promptly correcting any equipment delivery deficiency at no cost to the City within ten (10) calendar days after the City notifies the Vendor of such deficiency in writing. If the Vendor fails to correct or replace the defect within the period specified, the City, at its discretion, may notify the Vendor in writing that the Vendor may be debarred as a City bidder and/or be subject to contractual default if the corrections are not completed to the satisfaction of the City within ten (10) calendar days of receipt of notice. If the Vendor fails to satisfy the delivery requirements within the period stipulated in the notice, the City may (a) place the Vendor in default of its contract and/or (b) procure the products or services from another Vendor and charge the Vendor for any additional costs that are incurred by the City either through a credit memorandum or through invoicing.</p>	
<p>10. <u>MANUALS/LITERATURE:</u> One (1) Parts Service/Technical and Electrical Diagram Manual and two (2) Operator Manuals for the chassis shall be provided with the unit at the time of delivery. A CD-ROM may be substituted for the Service/Technical Manual. A complete set, as stated above, shall be delivered with the unit. <u>Specify if different.</u></p>	
<p>10.1 Two (2) up to date Parts/Service/Operator Manuals for each component or selected Option installed and/or delivered with the unit that is not supplied by the chassis manufacturer, shall be provided with the vehicle, at the time of delivery. A CD-ROM may be substituted for the Parts/Service/Operator</p>	

Manuals. <u>Specify if different.</u>	
10.2 For the purpose of identifying components installed by the body up fitter, a specific build list with part numbers of all non-chassis components, shall be included with each unit, at the time of delivery. <u>Specify if different.</u>	
10.3 The chassis manufacturer shall provide a Vehicle Identification Number specific parts manual. This manual shall be on CD-ROM, if available. <u>Specify if different.</u>	
11. <u>FILTERS</u> : One (1) complete set of all engine oil, fuel (primary, secondary and water separator), coolant, air (primary and secondary), power steering, hydraulic (pressure, return, suction and breather), differential, cabin filters, and air dryer desiccant shall be provided with the unit. <u>Specify if different.</u>	
12. <u>TRAINING INSTRUCTION</u> : Training shall be provided by factory trained personnel with regard to basic operation, maintenance, trouble shooting and tune-up procedures for the entire unit. This training shall be a minimum of two (2) hours in duration, be conducted at a location of the City's choosing and include up to twenty (20) City personnel. All such training and instruction shall be included in the proposal price. <u>Specify if different.</u>	
13. <u>BRAND NAMES</u> : For the purpose of this clause, references to brand names shall mean brand name and/or make or model number.	
13.1 <u>REFERENCE</u> : If articles other than those specified for “the purpose of standardization” have been identified in the proposal by a “brand name” and model number, such reference is intended to be descriptive and not restrictive. It is for the sole purpose of indicating to the prospective Vendors, a description of articles that will be satisfactory. Other items of equal quality may be considered. Samples and/or demonstrations may be required.	

<p>14. <u>SUBSTITUTION</u>: Unless the Vendor clearly indicates in the proposal that the offering is a different article, the proposal shall be considered as an offering of the “brand name” article.</p>	
<p>15. <u>DEMONSTRATION</u>: Attendance at a pre-award conference may be necessary to verify compliance with this specification. Upon request, Vendors shall submit proposed equipment for demonstration before this contract is awarded.</p>	
<p>16. <u>SUBCONTRACTING</u>: The Vendor shall be responsible for the workmanship of all of their subcontractors. All subcontracted work shall conform with this specification and be in compliance with the manufacturer's recommendations and procedures.</p>	
<p>16.1 The Vendor shall assume full warranty responsibility, which shall include all work performed or parts furnished, by their subcontractors.</p>	
<p>17. <u>TRADE-IN OPTION #7</u>: The equipment being traded in is a 2002 Sterling LT8513 rear loading garbage truck (Fleet #2595). The trade in vehicle is located at the City of Kenosha Fleet Maintenance Division, 3725-65th Street and is available for inspection by appointment only, weekdays between 7:00 AM and 3:00 PM. Any questions pertaining to the maintenance or mechanical condition of the equipment may be directed to Mr. Jay Getka, Fleet Maintenance Superintendent (phone # (262) 653-4079) during normal working hours. The trade in equipment shall be picked up by the successful Vendor at the City of Kenosha Fleet Maintenance Division. The trade in equipment shall be accepted “as-is” at that time. <u>Specify trade in offer.</u></p>	
<p>17.1 The City reserves the right to change batteries, tires and remove any City equipment such as lights, radios, etc. before releasing the trade in equipment. The City reserves the right to award the new equipment with or without the trade in equipment. <u>Specify if different.</u></p>	

<u>ACCESSORY WIRE SPECIFICATIONS</u>	Proposers Specifications
1 <u>GENERAL</u> : It is the intent of this specification to describe the minimum requirements for wiring any accessories that are installed in or on the equipment being purchased by the City of Kenosha.	
2 <u>SAFETY/HEALTH</u> : All wiring shall comply with all applicable Federal Motor Vehicle Safety Standards, S.A.E. Codes, the Federal Occupational Safety and Health Act and be in accordance with the Wisconsin Administrative Code.	
3 <u>TECHNICAL REQUIREMENTS</u> :	
3.1 <u>TYPE</u> : Wiring for all add-on electrical accessories.	
3.2 <u>COMPONENTS</u> :	
3.2.1 <u>Wire</u> : The wire shall be of adequate gauge to carry the anticipated current loads.	
3.2.2 <u>Circuit Breakers</u> : All add-on accessories shall be tapped into the equipment's main circuit breaker panel.	
3.2.3 <u>Terminals</u> : Screw type.	
3.2.4 <u>Connections-Splices</u> : All connections and splices shall be made using the correct size nylon or PVC insulated butt connector, properly assembled and crimped. Scotchlock, or similar self stripping quick splice type connectors are not acceptable.	
3.2.5 <u>Insulation</u> : All connections and splices shall be protected with heat shrinkable tubing, such as irradiated polyolefin, or adhesive sealant lined tubing. The tubing shall be properly	

<p>installed, using the correct tooling; i.e. - a heat gun. The use of open flame type heat is not acceptable.</p>	
<p>3.2.5.1 Note: The use of heat seal type butt connectors such as Velvac Splice 'N Seal, (or City-approved alternate) can be used to satisfy requirements 4 and 5 above. In addition, all exterior connections shall be protected with 3M Scotchkote Electrical Coating, (or City-approved alternate).</p>	
<p>3.2.6 <u>Exposed Wiring:</u> All exposed wiring shall be installed into the correct size wiring loom which shall extend the full length of the wiring to within six inches (6”) of its destination. The loom shall be of the type that will fully enclose the wiring. Spiral wrap-around and full length slit convoluted type looms are not acceptable. In addition, the loom shall be sealed at each end and be anchored firmly at least every twenty-four inches (24”) using nylon cable ties or cable clamps.</p>	
<p>3.2.7 <u>Grommets:</u> All holes drilled or cut for wiring, cables, looms, controls, etc., shall be fitted with the correct size grommet or type of boot to fully protect the accessory wiring. All unused holes or openings shall be sealed in an approved manner.</p>	
<p>3.2.8 <u>Circuit Identification:</u> All add-on circuits shall be labeled, and a simple wiring diagram provided.</p>	
<p>4 <u>BRAND NAMES:</u> For the purpose of this clause, references to brand names shall mean brand name and/or make or model number.</p>	
<p>5 <u>REFERENCES:</u> If articles have been identified in the specification by a brand name (or City-approved alternate) description, such reference is intended to be descriptive, but not restrictive and is for the sole purpose of indicating to prospective vendors a description of articles that will be satisfactory.</p>	
<p>6 <u>DESCRIPTIVE LITERATURE:</u> Vendors offering a different</p>	

article shall submit descriptive literature to enable a determination as to the quality and characteristics of the item being offered.

OPTION NUMBER	OPTION
Option #1	Five Year Extended Power Train Warranty
Option #2	350 Horsepower Engine Upgrade
Option #3	Heavy-Duty Packing Plate Upgrade
Option #4	"Hot Shift" PTO
Option #5	Back-up Camera System
Option #6	Auto Lubrication System
Option #7	Trade-In Unit #2595

**CITY OF KENOSHA
PUBLIC WORKS DEPARTMENT – WASTE DIVISION
PROPOSAL
ONE (1) – 2020 TANDEM AXLE, TWENTY-FIVE (25) CUBIC YARD
REAR LOADING REFUSE PACKER TRUCK
WITH HYDRAULIC CONTAINER ATTACHMENT
AND DUAL CART TIPPERS
PROPOSAL NOTICE #04-20**

City of Kenosha
Municipal Office Building
625 52nd Street, Room 208
Kenosha, WI. 53140

Purchasing,

We hereby propose to provide and deliver F.O.B. Destination, to City of Kenosha, Fleet Maintenance Division Garage, 3725 65th Street, Kenosha, WI. 53142, the equipment specified in accordance with the City of Kenosha specifications at the following firm prices:

Make/Model/Year: _____

Base Price: \$ _____

Option #1: Extended Powertrain Warranty (5 YEAR)
(2.5 of specifications) + \$ _____

Option #2: 350 H.P. Engine Upgrade
(8.4.1 of specifications) + \$ _____

Option #3: Heavy Duty Packing Plate Upgrade
(8.23.1 of specifications) + \$ _____

Option #4: "Hot Shift" P.T.O.
(8.29.1 of specifications) + \$ _____

Option #5: Backup Camera System
(8.31 of specifications) + \$ _____

Option #6: Automatic Lubrication System
(8.33 of specifications) + \$ _____

Total Price: = \$ _____

Trade-In Value of One (1) 2002 Sterling LT8513 chassis
w/ Leach-25 C.Y. Packer Body
(17.0 of specifications)

\$ _____

Estimated Delivery time: _____ days or _____ days after receipt of purchase order

Manufacturers Literature Included Yes _____ No _____

Specifications Sheets Completed and Submitted Yes _____ No _____

Warranty: (Please be Specific) _____

Service Facility:

Company Name: _____

Address: _____

Contact Name: _____

Telephone: _____ FAX: _____

E-mail: _____.

Respectfully submitted,

Firm: _____

Authorized Signature: _____

Print Name: _____

Address: _____

Telephone: _____ FAX: _____

E-mail: _____

Date: _____

Payment terms _____ %, _____ days, Net _____ days