



Street / Sanitation / Recycling
705 South River Road
West Lafayette, IN 47906
Phone: (765) 775-5242
Fax: (765) 746-1302

May 4, 2016

Dear Sir:

The West Lafayette Street Department is requesting sealed bids for one new refuse truck with a minimum 25 yd³ exclusive body meeting the enclosed specifications.

SEALED BIDS will be received until 8:30 a.m. (local time) on May 31, 2016 at the Office of the Clerk, 222 N. Chauncey Ave., West Lafayette, Indiana 47906. Each dealer will submit his bid upon forms provided in the bid packet and enclosed in a sealed envelope marked, "Refuse Truck". At 8:30 a.m., all bids will be taken to the Board of Works meeting at the Morton Community Center, Multi-Purpose Room, 222 N. Chauncey Ave., West Lafayette, and there be publicly opened and read aloud.

For a bid to be considered complete, the following items must be submitted:

1. Bid Price Sheet.
2. Specifications Check Sheet completed.
3. Properly executed non-collusion affidavit.
4. Dealer will attach any explanations and/or detail of specifications provided on a separate page(s).

Respectfully,
Tonya Vanaman

Tonya Vanaman
Receptionist/Office Assistant

NOTICE TO BIDDERS

2016 RefuseTruck

Notice is hereby given that the Board of Public Works of the City of West Lafayette, Indiana will receive sealed bids until the hour of 8:30 a.m. (local time) on May 31, 2016, at the Office of the Clerk, Morton Community Center, 222 N. Chauncey Ave., West Lafayette, IN 47906 for one new refuse truck with a minimum 25 yd³ exclusive body as per specifications. After said time, all bids will be taken to the Morton Community Center Multipurpose, 222 N. Chauncey Ave., West Lafayette, IN 47906 and there will be publicly opened and read aloud at the Board of Public Works Meeting. Bids received after said time will be returned unopened. No oral, facsimile, or telephone bids or changes to bids will be considered.

Specifications and bid forms are available on the City website at www.westlafayette.in.gov, at the Street Dept., 705 S. River Rd., West Lafayette, phone 775-5242, or at the Office of the Clerk.

Each bidder will submit his bid upon forms provided in the bid packet and enclosed in a sealed envelope marked, "Refuse Truck."

The Board of Public Works expressly reserves the right to reject any or all bids and waive irregularities of bidding.

BOARD OF PUBLIC WORKS AND SAFETY
SANA BOOKER
CLERK

PUBLISH: May 13, 2016, and May 20, 2016

FORM 1 OF 3
CITY OF WEST LAFAYETTE

General: Specifications for the City of West Lafayette Street Department for a refuse truck with a minimum 25 yd³ exclusive body. (Reference within the specs to a brand name or manufacturer's name or specs is for reference only). Equipment that is bid pursuant to these specifications shall be of equal quality and size, or greater, to those referenced, and are subject to approval by the purchaser. All equipment provided under this contract shall be new and unused, manufactured in the USA and meet all ANSI standards. Bids shall be good for a minimum of 90 days.

These are minimum specifications. Bidder must address compliance section. If any part of an item that is not in compliance then that item must be marked "no". An explanation can be provided on a separate sheet with the benefits of that item to the city. It will be up to the purchasers' discretion what items will be termed greater than or equal to specified item. Any items not listed on the exception sheet will be assumed to be part of the unit. If an item is left blank, the City will assume the bidder cannot meet the specifications and may cause rejection of the bid. Bidders must submit with their bid a complete specification on the unit they purpose to furnish. Original copies of equipment literature must be provided with the bid. Fax copies or unreadable copies of literature or specifications will not be allowed.

The City of West Lafayette reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities. The bid will be awarded based on quality of the product, compliance with specifications, price, and delivery time.

		YES	NO
SECTION 1	GENERAL		
1.1	Refuse body to be a minimum of 25yd ³ capacity exclusive of any loading area.		
1.2	The hopper shall be split into a 40% (driver side) and 60% (passenger side) configuration.		
1.3	The body shall be capable of packing an average of 900 lbs. per yd ³ based on average household refuse.		

		YES	NO
SECTION 2	BODY CONSTRUCTION		
2.1	The roof shall be constructed of curved 10 gauge AR200 steel panels without the use of cross members for additional structure.		
2.2	The body side shall use curved 1/8" AR450 steel panels (rear sheet) and curved 10 gauge AR200 (front sheets) without the use of vertical cross members for additional structure.		
2.3	The body floor shall use minimum 10 gauge AR200 steel.		
2.4	The body floor shall be flat throughout, troughs or valleys are not acceptable.		
2.5	The body side top rail shall be a formed channel constructed of a minimum 10 gauge 50,000 psi steel and shall be fully welded to the body sides and roof.		
2.6	The body side lower rail (rub rail / fender) shall be a formed channel constructed of a minimum 10 gauge 50,000 psi steel with a tapered top leg to shed elements and eliminate rust pockets.		
2.7	The rear body corner posts shall be minimum 3/16" 50,000 psi steel.		
2.8	The body shall be adequately braced at all points to withstand repeated applications of maximum packing pressures without distortion of members.		

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		YES	NO
SECTION 3	BODY DIMENSIONS		
3.1	The overall height above the frame with the tailgate in the closed position shall not exceed 99" (exclusive of body risers).		
3.2	The inside width of the body shall be no less than 89.5"		
3.3	The overall outside width of the body shall not exceed 102".		
3.4	The overall length of the body with the tailgate in the closed position shall not exceed 276".		

		YES	NO
SECTION 4	HOPPER DIMENSIONS		
4.1	The hopper shall have the following minimum swept capacities:		
4.1.1	40% (driver side) minimum 1.0 yd ³		
4.1.2	60% (passenger side) minimum 1.4 yd ³		
4.2	The hopper loading sill height shall be a maximum of 5.5" below the height of the chassis frame.		
4.3	The lowest point on the hopper shall not be less than 15.5" above ground level.		

		YES	NO
SECTION 5	40% TAILGATE CONSTRUCTION		
5.1	The hopper lower side panels shall be a minimum 3/16" 100,000 psi steel (AR200 preferred).		
5.2	The hopper upper side panels shall be a minimum 7 gauge 50,000 psi steel.		
5.3	The tailgate side reinforcements shall consist of multiple formed channels with a minimum 50,000 psi steel. All channels shall be fully welded at all seams.		
5.4	The hopper floor shall be constructed from a single formed panel with minimum 3/16" AR200 steel.		
5.4.1	The hopper floor shall allow for the addition of optional add-in floor liners.		
5.5	The tailgate shall be securely hinged and pinned to the body at the roof line using heavy duty flame cut hinges and a minimum 2.0" diameter zinc plated pin.		
5.6	The tailgate shall be raised for load ejection by two (2) hydraulic cylinders.		
5.7	The tailgate shall be equipped with hydraulically actuated tailgate locks. The use of manual screw-type clamps or turn buckles to secure the tailgate will not be acceptable.		
5.7.1	The hydraulic locks shall be controlled by activation of a single control lever located near the front of the body.		
5.7.2	The hydraulic lock control lever shall be incorporated into the same valve assembly as is used for opening the tailgate and ejecting the load.		
5.7.3	The hydraulic locks shall have a manual backup plate constructed of steel with a retaining pin to avoid inadvertent operation and unlocking of the tailgate. This plate shall be located on the outboard wall of the tailgate for access.		
5.8	The tailgate seal shall be comprised of an extruded rubber gasket and shall be securely affixed to the tailgate to provide a watertight seal between the body and the tailgate.		

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5.9	The tailgate seal shall travel a minimum of 70" up each side of the tailgate.		
5.10	The tailgate shall be equipped with a tailgate ajar light fixed in the cab and an external audible alarm which complies with the ANSI Z245.1 standard. The light and alarm must turn on when the manual backup plate for the tailgate locks is in the "unlocked" position.		
5.11	The tailgate shall be equipped with a bolt on riding step and grab handles. The step shall be constructed of open grate "grip-strut" material. All step and grab handle design shall comply with ANSI Z245.1 standards.		
5.12	The tailgate shall be equipped with a Perkins D6620 toter lifter.		

YES NO

SECTION 6	60% TAILGATE CONSTRUCTION		
6.1	The hopper lower side panels shall be a minimum 3/16" 100,000 psi steel (AR200 preferred).		
6.2	The hopper upper side panels shall be a minimum 7 gauge 50,000 psi steel.		
6.3	The tailgate side reinforcements shall consist of multiple formed channels with a minimum 50,000 psi steel. All channels shall be fully welded at all seams.		
6.4	The hopper floor shall be constructed from a single formed panel with minimum 3/16" AR200 steel.		
6.4.1	The hopper floor shall allow for the addition of optional add-in floor liners.		
6.5	The tailgate shall be securely hinged and pinned to the body at the roof line using heavy duty flame cut hinges and a minimum 2.0" diameter zinc plated pin.		
6.6	The tailgate shall be raised for load ejection by two (2) hydraulic cylinders.		
6.7	The tailgate shall be equipped with hydraulically actuated tailgate locks. The use of manual screw-type clamps or turn buckles to secure the tailgate will not be acceptable.		
6.7.1	The hydraulic locks shall be controlled by activation of a single control lever located near the front of the body.		
6.7.2	The hydraulic lock control lever shall be incorporated into the same valve assembly as is used for opening the tailgate and ejecting the load.		
6.7.3	The hydraulic locks shall have a manual backup plate constructed of steel with a retaining pin to avoid inadvertent operation and unlocking of the tailgate. This plate shall be located on the outboard wall of the tailgate for access.		
6.8	The tailgate seal shall be comprised of an extruded rubber gasket and shall be securely affixed to the tailgate to provide a watertight seal between the body and the tailgate.		
6.8.1	The tailgate seal shall travel a minimum of 70" up each side of the tailgate.		
6.9	The tailgate shall be equipped with a tailgate ajar light fixed in the cab and an external audible alarm which complies with the ANSI Z245.1 standard. The light and alarm must turn on when the manual backup plate for the tailgate locks is in the "unlocked" position.		

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6.10	The tailgate shall be equipped with a bolt on riding step and grab handles. The step shall be constructed of open grate "grip-strut" material. All step and grab handle design shall comply with ANSI Z245.1 standards.		
6.11	The tailgate shall be equipped with a Perkins D6620 toter lifter.		

YES

NO

SECTION 7	PACKING MECHANISM		
7.1	The packer (slide and sweep) mechanism shall be controlled manually via mechanical linkages located at the outside of the hopper opening on the outside wall of both tailgates.		
7.1.1	The packer for the 40% tailgate shall be able to operate the independently, as well as simultaneously, from the 60% tailgate pack mechanism.		
7.1.2	The packer for the 60% tailgate shall be able to operate the independently, as well as simultaneously, from the 40% tailgate pack mechanism.		
7.2	The pack cycle shall be accomplished in two steps. The operator shall have the capability to start, stop, and reverse the direction of any function at any time throughout the packing cycle.		
7.2.1	Automatic interruption of the pack cycle shall occur prior to packer sweep mechanism reaching any pinch point.		
7.3	The pack cycle shall not exceed a maximum of 28 seconds.		
7.4	The packer mechanism (slide and sweep) shall use double acting hydraulic cylinders.		
7.5	The slide panel and hydraulic actuators shall be used to compact material into the body against the ejector panel.		
7.6	The ejector panel shall have hydraulic circuitry incorporated which allows the release of oil from the ejector telescopic cylinder at a predefined hydraulic pressure. This method of releasing oil shall utilize the hydraulic pressure created by the slide cylinders to open a path to tank for the oil in the ejector telescopic cylinder. This system and circuit will avoid having to require the operator to "back pack" the refuse inside the body in order to achieve 900 lbs per yd ³		

YES

NO

SECTION 8	40% EJECTION SYSTEM		
8.1	The unloading of the refuse shall be accomplished with a telescopic cylinder pushing the ejector panel the full length of the body.		
8.2	The ejector telescopic cylinder shall be of a double-acting cylinder design.		
8.3	The ejector panel shall be designed to act as a bulkhead and capable of handling the pack pressures of typical municipal solid waste against its face by the packer mechanism (slide and sweep).		
8.4	The ejector panel face shall be constructed from a single formed minimum 12 gauge 50,000 psi steel panel.		
8.5	The ejector panel shall travel the full length of the body on tracks mounted to the sidewalls and parallel with the floor.		

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8.6	The ejector panel shall travel by sliding on a total of eight (four per side; two on top and two on bottom) UHMW polyethylene shoes that each have a minimum length of 12".		
8.7	The ejector panel shall be constructed and assembled into the body in such a way that in its rearmost position it will not be damaged if the tailgate is closed.		

YES NO

SECTION 9	60% EJECTION SYSTEM		
9.1	The unloading of the refuse shall be accomplished with a telescopic cylinder pushing the ejector panel the full length of the body.		
9.2	The ejector telescopic cylinder shall be of a double-acting cylinder design.		
9.3	The ejector panel shall be designed to act as a bulkhead and capable of handling the pack pressures of typical municipal solid waste against its face by the packer mechanism (slide and sweep).		
9.4	The ejector panel face shall be constructed from a single formed minimum 12 gauge 50,000 psi steel panel.		
9.5	The ejector panel shall travel the full length of the body on tracks mounted to the sidewalls and parallel with the floor.		
9.6	The ejector panel shall travel by sliding on a total of eight (four per side; two on top and two on bottom) UHMW polyethylene shoes that each have a minimum length of 12".		
9.7	The ejector panel shall be constructed and assembled into the body in such a way that in its rearmost position it will not be damaged if the tailgate is closed.		

YES NO

SECTION 10	CONTROLS		
10.1	The 40% ejector panel extend / retract, tailgate lock / unlock, and tailgate raise / lower shall be located at the forward end of the body on the driver side of the vehicle.		
10.1.1	These controls shall be incorporated into a single valve assembly.		
10.2	The 60% ejector panel extend / retract, tailgate lock / unlock, and tailgate raise / lower shall be located at the forward end of the body on the passenger side of the vehicle.		
10.2.1	These controls shall be incorporated into a single valve assembly.		
10.3	Both sides of vehicle shall be equipped with a throttle advance toggle switch within easy reach of the ejector / tailgate valve.		
10.4	All ejector / tailgate controls shall be capable of operating both simultaneously as well as independently.		
10.5	Both tailgates shall be equipped with an automatic throttle advance feature. The successful bidder shall supply the proper interface for the body to connect the "throttle advance" control signal to the engine ECU. The tailgate throttle advance signal to be controlled by sealed proximity-type switches. No mechanical-type throttle advance switches will be accepted.		
10.6	Both tailgates shall be equipped with a manually operated toggle switch connected to a buzzer in the cab.		

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10.7	Hydraulic system activation shall be completed with a switch located in the cab.		
10.8	If equipped with a side of body access door and ladder, the control system shall have a shutdown feature meeting the ANSI Z245.1 standard.		

YES NO

SECTION 11	HYDRAULIC SYSTEM		
11.1	The hydraulic pump shall be a tandem gear style pump with the capability of being driven by a Power Take Off (PTO) mounted on the transmission.		
11.2	The main system relief valve shall be factory set at 2,750 psi and sealed / locked out to prevent tampering with system pressures.		
11.3	The hydraulic oil reservoir shall have a minimum capacity of 50 gallons.		
11.4	The hydraulic oil reservoir shall be equipped with a filter breather, sight gauge with oil level and temperature, a 10-micron return flow filter, a mesh suction strainer, and a shut off valve on the suction line for use during maintenance and service.		
11.5	All hydraulic tubes shall be corrosion protected using a zinc coating and clamped using bolt-on molded clamps.		
11.6	All high pressure hoses shall be 4-wire hoses with a rated burst pressure four times higher than the main system relief pressure.		
11.7	All hydraulic plumbing connections shall be JIC-type 37° flare fittings.		
11.8	All hydraulic valve assemblies, including main system relief and work port relief valves, shall be located so that at no time or under any load condition will it be necessary to remove the load in order to obtain access to the valve assemblies.		

YES NO

SECTION 12	LUBRICATION		
12.1	All packing wear points to be equipped with grease fittings.		

YES NO

SECTION 13	LIGHTING		
13.1	All body lighting and reflectors shall comply with D.O.T. and FMVSS No. 108 regulations.		
13.2	Wiring shall be numbered and have function labels at a minimum interval of 6". Additionally, the wires contained in harnesses shall be color coded.		
13.3	Light package as a minimum shall include:		
13.3.1	Two (2) 4" high mounted stop / tail lights		
13.3.2	Two (2) 4" high mounted turn / tail lights		
13.3.3	Two (2) mid body turn signals (one each side)		
13.3.4	Two (2) 2.25" oval low mounted stop / tail lights		
13.3.5	Two (2) 2.25" oval low mounted turn / tail lights		
13.3.6	One (1) license plate light		
13.4	All marker, work, stop, tail, turn, and reverse lights shall be plug-in type lamps that are grommet mounted in shock and water resistant grommets. Lights shall be LED-type with Lexan lenses. They shall be Truck-Lite, Peterson, Maxxima, or approved equivalent.		

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		YES	NO
SECTION 14	PAINTING		
14.1	Packer body and components are to be steel shot blasted prior to priming with high-solids epoxy primer.		
14.3	The finish top coat color shall be: WHITE		

		YES	NO
SECTION 15	MOUNTING		
15.1	The body installation shall be performed by the manufacturer or a factory authorized distributor.		
15.2	The body shall be mounted in accordance to the chassis manufacturer's approved methods and specifications.		

		YES	NO
SECTION 16	WARRANTY		
16.1	The body structural components shall be covered by a manufacturer's 1 year warranty.		
16.2	The hydraulic components shall be covered by a manufacturer's 2 year warranty.		
16.3	The winning bidder must supply a copy of the factory warranty with the bid.		

CHASSIS

		YES	NO
SECTION 1	VEHICLE CONFIGURATION		
1.1	Low Cab Forward Truck		
1.2	LH & RH sit down drive		
1.3	Unit must be manufactured in the USA		

		YES	NO
SECTION 2	TRUCK SERVICE		
2.1	Refuse		
2.2	Split Body Rear loader		
2.3	Chassis bidder responsible for working with winning body bidder to ensure compatibility		

		YES	NO
SECTION 3	ENGINE		
3.1	CUMMINS 2013 ISL-345hp @ 2100 RPM/1150 FT-LBS-No exceptions		
3.2	Ultra-Low sulfur Diesel fuel		
3.3	Must be a 2013 compliant engine		
3.4	Spicer 1350 Front PTO adapter		

		YES	NO
SECTION 4	ENGINE EQUIPMENT		
4.1	50 State certified diesel engine		
4.2	ENGINE ELECTRONICS---Cummins Diesel		
4.3	ENGINE IDLE SHUTDOWN---Engine idle shutdown enabled—5 minutes		
4.4	ENGINE PROTECT SYSTEM/WARNINGS---Audible/visual alarm: LOP,HT, LWL		
4.5	FILTER-FUEL, --Fleetguard fuel/water separator with heat		
4.6	ENGINE OIL SAMPLING PORT		
4.7	ENGINE BLOCK HEATER---Phillips 120V 1000 Watt		

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4.8	Block heater located on LH side under door		
4.9	FAN & DRIVE – ENGINE---Fan clutch, 2 speed		
4.10	RADIATOR – 1300 sq. in. single radiator w/Extended life coolant		
4.11	AIR CLEANER---15" one stage EPG cleaner-Donaldson		
4.12	MUFFLER SYSTEM---Horizontal DPF w/ Vertical SCR		
4.13	EXHAUST SHIELDS---DPF & SCR shields		
4.14	EXHAUST STACKS---RH side w/vertical diffuser, single stainless steel		
4.15	ENGINE/EXHAUST COVER---aluminum turbo/exhaust pipe debris shield		
4.16	AIR COMPRESSOR---Cummins Wabco 18.7 cfm compressor		
4.17	ALTERNATOR---Delco Remy 12V 145 amp 22SI		
4.18	BATTERY---(3) Johnson Control 31ECL 12V 2850CCA		
4.19	STARTING MOTOR---Delco Remy 12V 39MT W/OCP		
4.20	Frame mounted Urea tank-- 10 gallon		

YES NO

SECTION 5	TRANSMISSION		
5.1	VOCATION---RDS Refuse---VOC 400-XXX		
5.2	CONTROL MODULE---Basic refuse GRP105, VP142		
5.3	TRANSMISSION---Allison 4500 Series, 6-speed		
5.4	COOLER-TRANSMISSION OIL---oil to water type		
5.5	TRANSMISSION LUBRICANT---Transynd synthetic auto trans fluid		
5.6	DRIVESHAFT-MAIN---Spicer 1760HD half round		

YES NO

SECTION 6	FRONT AXLE AND EQUIPMENT		
6.1	FRONT AXLE---Steer Axle, 20,000 # capacity w/45 degree wheel cut		
6.2	FRONT SUSPENSION--- 20,800 springs with overload cushions		
6.3	SHOCK ABSORBERS FRONT---Double acting single—heavy duty		
6.4	POWER STERRING RESERVOIR---Four quart remote mounted		
6.5	SYNTHETIC Front axle lube		

YES NO

SECTION 7	REAR AXLE AND EQUIPMENT		
7.1	REAR DRIVE AXLE—TANDEM---Arvin Meritor RT46-160 46,000 lb., 5.38 ratio		
7.2	REAR SUSPENSION---Hendrickson HMX-460 Susp @54" AS		
7.3	REAR SUSPENSION BEAMS---54 inch steel rubber bushed		
7.4	TORQUE RODS---Longitudinal & transverse—rubber bushed		
7.5	SYNTHETIC rear axle lube		
7.6	REAR AXLE CARRIER anti spin lock up with interaxle locking differential		

YES NO

SECTION 8	BRAKE SYSTEM		
8.1	BRAKE CONTROL SYSTEM---Bendix ABS		
8.2	BRAKES-FOUNDATION, FRONT AXLE---Arvin Meritor 16x7 QP		
8.3	BRAKE, SLACK ADJUSTER—Arvin Meritor, Automatic		
8.4	DUST SHIELDS---Front and Rear brakes		
8.5	BRAKES-FOUNDATION, RR AXLE---Arvin Meritor 16.5x8.62 Q Plus		
8.6	BRAKE CHAMBERS-PARKING---Cam type MGM Stopguard (4)		

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		YES	NO
SECTION 9	CHASSIS		
9.1	WHEELBASE—186 Inches or as needed for tank and body installation		
9.2	FRAME RAILS---10.76" x3.50" x0.375" ---Variable drop frame for serviceability---NO exceptions		
9.3	ALUMINUM ENGINE OIL PAN GAURD		
9.4	SECTION MODULUS---29.41		
9.5	RBM RATING---3,529,000		
9.6	FRAME BOLTS---Huckspin RR Susp and crossmembers		
9.7	FUEL TANK-Min 75 gallon Diesel mounting must be approved by the City		
9.8	TOWING DEVICE-FRONT---Two removable tow pins		
9.9	AIR DRYER---WABCO 1800 w/heat		
9.10	WET TANK DRAIN---Bendix DV-2 Automatic with heater		
9.11	AIR RESERVOIR DRAIN SYSTEM---Central air drain manifold with schreader valve to charge wet tank		
9.12	BATTERY SHUT OFF SWITCH---Battery shutoff w/lockout		
9.13	WIRING, BODY INTERFACE---BODYBUILDER JUNCTION BOX @ BOC		

YES NO

		YES	NO
SECTION 10	CAB EXTERIOR		
10.1	CAB MATERIAL---Two sided galvanized steel—entire cab including doors		
10.2	CAB SIZE---120 Cubic feet interior room		
10.3	CAB VISIBILTY--FRONT---Wrap around windshield design		
10.4	CAB VISIBILITY---REAR---Rear corner windows with single rear back of cab window—required for operational visibility		
10.5	DOOR HINGES---Provide fully adjustable door hinges internally mounted - -- not exposed to external elements		
10.6	STEP-CAB ACCESS---Dual self-cleaning entrance steps		
10.7	CAB DOORS---Steel with check straps		
10.8	MIRRORS---Dual Motorized, west coast, heated, LH & RH power control, bright finish		
10.9	MIRROR ARMS---Retractable arms—stainless steel		
10.10	MIRRORS—AUXILIARY---Two 8" convex		
10.11	GRAB HANDLES---Dual S/S grab handles		
10.12	HORN—AIR---Twin mounted under cab		
10.13	CAB TILT MECHANISM---Hydraulic tilt with air assist—minimum of 60-degree cab-tilt angle—required for serviceability		

YES NO

		YES	NO
SECTION 11	CAB INTERIOR		
11.1	STEERING- LH & RH drive factory installed, no aftermarket		
11.2	SEATS—Both seats to be Air ride National Cushion II low back w/Cordura cover, stationary passenger seat		
11.3	CLIMATE CONTROL---Air conditioning integral with heater/defroster-Roof mount not acceptable		

YES NO

		YES	NO
SECTION 12	GAUGES & INSTRUMENTATION		
12.1	ELECTRONIC TACHOMETER W/HOUR METER		
12.2	ELECTRONIC VOLTMETER		
12.3	ELECTRONIC TRANSMISSION OIL TEMP.		
12.4	ELECTRONIC SPEEDOMETER W/ODOMETER		
12.5	ELECTRONIC FUEL LEVEL GAUGE		

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12.6	ELECTRONIC ENGINE COOLANT TEMP GAUGE		
12.7	ELECTRONIC ENGINE OIL PRESSURE GAUGE		
12.8	LOW AIR SYSTEM PRESSURE WARNING BUZZER AND LIGHT		
12.9	DASH MUST HAVE ON BOARD DISGNOTICS CAPABLE OF READING DPF SOOT LEVEL PERCENTAGE AND ENGINE FAULT CODES WITH DESCRIPTION, ALSO MUST READ ABS FAULT CODES WITH DESCRIPTIONS. THIS MUST BE DONE WITHOUT THE NEED TO HOOK UP A COMPUTER		

YES NO

SECTION 13	LIGHTING		
13.1	LAMPS-TURN SIGNAL, FRONT---LED front turn signals		
13.2	LAMPS-MARKER---Amber LED roof markers		
13.3	LAMPS-PARKING---Corner marker lamp wired to battery shut off		
13.4	LAMPS-RUNNING---Daytime without park brake de-activation		
13.5	CIRCUIT PROTECTION DEVICE---Auto circuit breakers		

YES NO

SECTION 14	RADIO/MISC		
14.1	KEY AND LOCK SETS---2 additional keys per truck—4 total		
14.2	RADIO---AM/FM radio, roof mtd. With 2 dual cone speakers		
14.3	FIRE EXTINGUISHER---Dual Dry type ABC 5lb. cap. Mtd in cab directly under seats		

YES NO

SECTION 15	FRONT TIRES/ WHEELS		
15.1	HUB CAPS---CR Zytel hubcap		
15.2	WHEEL OIL SEALS---Scotseal Plus XL—front and rear		
15.3	HUBS FRONT---Steel hub piloted, 285MM bolt circle		
15.4	WHEELS-DISC-FRONT---22.5 x9.0 steel HP, 5.25" inset, 5HH		
15.5	TIRE SIZE 7 LOAD RANGE-FRONT---315/80R22.5 L-20PR tubeless type radial		
15.6	TIRE MANUFACTURER& TREAD-FRONT---Goodyear G289 or approved equal—rated to 10K		

YES NO

SECTION 16	REAR TIRES/ WHEELS		
16.1	HUBS-REAR---Iron hub, HP 10 stud		
16.2	WHEELS, DISC-REAR---22.5 x8.25 steel HP 5HH		
16.3	TIRE SIZE & LOAD RANGE---11R22.5 H 16 PR		
16.4	TIRE MANUFACTURER AND TREAD-REAR---Goodyear G182 or approved equal		

YES NO

SECTION 17	PAINT		
17.1	White		

YES NO

SECTION 18	WARRANTIES		
18.1	CHASSIS WARRANTY---2yr chassis warranty		
18.2	TRANSMISSION WARRANTY---Allison 5 year Edge warranty		
18.3	Engine warranty—2yr base engine warranty		
18.4	ENGINE EXTENDED WARRANTY---5 yrs/200,000 miles, PP1 to include turbo, injectors and after treatment		

YES NO

SECTION 19	MANEUVERABILITY		
19.1	Bidder to include turning radius of truck as specified---REQUIRED		

FORM 1 OF 3
CITY OF WEST LAFAYETTE

Expected Delivery Time: _____

Bidder: _____
Company

Signature: _____

Title: _____

Date: _____

City of West Lafayette
Refuse Truck Bid

Bid FORM 2 of 3
Bid PRICE SHEET

Make & Model _____

ITEM	UNIT PRICE	QUANTITY	TOTAL AMOUNT
Base Price			
Option (if applicable) Costs			
Discounts or Other Price Adjustments			
Destination Charges			
Dealer Preparation Charges			
Any Additional Charges			
Trade-In Allowance			
TOTAL BID			

Bidder: _____
Company

Signature: _____ Title: _____
Name

Date: _____

CITY OF WEST LAFAYETTE
NON-COLLUSION AFFIRMATION

STATE OF INDIANA

COUNTY OF: _____ } SS:

The undersigned offeror or agent, duly swears, under penalties for perjury, that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be offered by any person nor to prevent any person from making an offer nor to induce anyone to refrain from making an offer and that this offer is made without reference to any other offer.

Offeror (Firm)

Signature of Offeror or Agent

Before me, a Notary Public in and for said County and State personally appeared, _____, who acknowledged the truth of the statements in the foregoing affirmation on this _____ day of _____, 20____.

My Commission Expires:

(written)

Notary Public

(printed)

County of Residence: _____