INVITATION
TO
BID

Notice is hereby given that sealed bids will be received by the Lower Alloway's Creek Township, CFO for "___New Automated Refuse Truck___" in accordance with specifications and general conditions which may be obtained from the CFO's office at 501 Locust Island Rd, Hancocks Bridge, N J, 08038 during the hours of 9:00 a.m. and 4:00 p.m. Specifications can also be obtained by visiting the Township's website, www.lowerallowayscreek-nj.gov and clicking on the Bids tab at the top of the page.

Each proposal shall be submitted in a sealed envelope with the name and address of the bidder clearly identified on the outside of the envelope together with the notation, "BID FOR NEW AUTOMATED REFUSE TRUCK". All bids shall be submitted to the Township's CFO by 1:30 p.m. on June 12, 2014 at the Township Municipal Building located at 501 Locust Island Road, P.O. Box 157, Hancock's Bridge, NJ 08038 at which time the bids will be opened and read aloud.

Each bid shall be accompanied by a bid bond or certified check, payable to Lower Alloways Creek Township in the amount of ten (10%) percent of the total amount bid, not to exceed $20,000., as a guarantee that if the contract is awarded to said bidder, he will enter into contract therefore.

The successful bidder shall enter into a written contract with Lower Alloway's Creek Township in Accordance with the Invitation to Bid, Specifications, General Conditions and the Award.

The Township reserves the right to reject any and all bids and to waive any informality as the interest of the Township may require. The Township is not responsible for loss or destruction of any bids mailed or delivered to the Township's CFO prior to the time set for bid opening.

All bidders must meet equal opportunity requirements of P.L. 1975, C 127, as described in the specifications. All bidders must comply with the provisions of P.L. 1977, C 33. Bidders are required to comply with the requirements of N.J.S.A. 10:5-31 et seq., N.J.A.C. 17:27 and N.J.S.A. 52:32-44.

By order of Lower Alloway's Creek Township.

TOWNSHIP OF
LOWER ALLOWAYS CREEK
GENERAL INSTRUCTIONS AND CONDITIONS

1. BID SUBMISSION
Bids shall be returned on the bid form enclosed herein. They shall be returned in sealed envelopes addressed to:

PURCHASING AGENT
LOWER ALLOWAYS CREEK TWP.
P.O. BOX 157
HANCOCKS BRIDGE, NJ 08038

The envelope shall be marked in the lower left quadrant:

BID FOR NEW AUTOMATED REFUSE TRUCK

The Township accepts no liability for bids opened in error due to absence of such notation. The Township is not responsible for loss or destruction of any bids mailed or delivered to the Township purchasing agent prior to the time set for bid opening.

2. BID SECURITY (REQUIRED FOR THIS BID: YES ✓ NO ___)
When required, a bid bond, cashier's check or certified check, payable to Lower Alloways Creek Township, for the amount of the price bid (not to exceed $20,000) shall accompany each bid. It shall be subject to forfeit and retention by the Township in lieu of other legal remedies, should a successful bidder fail to execute a contract and provide a performance bond (if required) within ten (10) days after the Township has tendered the contract.

3. PERFORMANCE BOND (REQUIRED FOR THIS BID: YES __ NO ✓) When a performance bond is specified, bidders shall include with their bid a surety company's certificate that it will provide a surety company's certificate that it will provide such a bond if the specified bidder is awarded a contract.
A successful bidder shall, when required, furnish such a performance bond in the amount of contract. Said bond shall be that of an approved company, authorized to transact business in State of New Jersey.

4. PUBLIC DISCLOSURE
No corporation or partnership may be awarded a contract for the performance of work or the furnishing of materials or supplies, unless it lists with its bid, or prior thereto, the names and

4. PUBLIC DISCLOSURE (CONT'D)
addresses of all stockholders who own ten (10) percent or more of its stock of any class, or all individual partners who own a ten (10) percent or greater interest therein (NJSA 52:24-24.2, PL 1977, Chapter 33).
Failure to supply this information shall be cause for disqualification of a bidder.

5. RESERVATIONS
Contracts will be awarded to the lowest responsible bidder, but the Township reserves the right to reject any and all bids and to waive any discrepancies therein.

6. EXCEPTIONS TO SPECIFICATIONS
Exceptions, if any, to the bid specifications, shall be in numeric order on that particular page in the "EXCEPTION" column. All exceptions must then be written on a separate sheet in numeric order referencing the page and item number for which the exception is taken.

7. QUANTITY
Unless otherwise specified on the bid form or in the special instructions for individual classes of commodity, the quantities listed are approximate only and the Township does not guarantee to purchase any definite quantities.

8. TIME FOR MAKING AWARDS
The Township shall make contract awards or reject all bids within sixty (60) days after the bid opening.

9. INDEMNIFICATION
Bidders shall agree, if awarded a contract, that they will indemnify and save harmless the Township of Lower Alloways Creek from all suits and actions of every nature and description brought against it, growing out of that contract, or contracts, written or verbal, entered into between the Township and the successful bidder, and further that upon the awarding of the contract in accordance with these specifications, this agreement of indemnifications shall automatically become effective.

10. PRICES
Carelessness in quoting prices or in preparation of bid otherwise will not relieve the bidder. Bid prices shall be F.O.B. destination and net, with all discounts deducted except the cash discount for prompt payment of invoice, if offered.

11. WITHDRAWAL OF BID
A written request for withdrawal of a bid will be granted if received by the purchasing agent before any bid has been opened.

12. TAXES
The Township is exempt from all Federal and state taxes.

13. AFFIRMATIVE ACTION Bidders are required to comply with the requirements of P.L. 1975, C 127 (NJAC 17:27).
The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to subchapter 10 of the administrative code (NJAC 17:27).

14. QUESTIONS
Questions concerning this bid invitation may be directed to the purchasing agent at (856)935-2556, during normal business hours (M-F, 7:00am - 4:00pm).

15. ITEMS BID
No bidder will be allowed to offer more than one price on each item even though he may feel that he has two or more types/products that will meet specifications. Bidders must determine for themselves which type/product to offer. If said bidder should submit more than one price on any one item, all prices for that item shall be rejected.

16. RETURN OF BID SECURITY
Said bond or check will be returned to the three lowest bidders upon receipt of approved performance bond, if required, and upon execution of a formal contract with the successful bidder.

17. ASSIGNMENT
The successful bidder shall not assign, transfer, convey, sublet or otherwise dispose of the contract or any part thereof to anyone without the written consent of the Township of Lower Alloways Creek.

18. RETURN OF CONTRACT
Non-performance by the successful bidder, or his failure to execute the contract or meet the performance bond requirements within ten (10) days after the award, may result, at the option of the Township, in his bid security being forfeited to the Township as liquidated damages and not as a penalty.

19. DIFFERENCES
Should any differences arise between the contracting parties as to the meaning or intent of these instructions or specifications, the purchasing agent or his designated representative's decision is to be final and conclusive.

20. ADDITIONAL CLAIMS
The successful bidder agrees that he will make no claim for additional payment or any other concession because of any misinterpretation or misunderstanding of the contract on his part, or failure to fully acquaint himself with any conditions relating to the contract.

21. ORAL INSTRUCTIONS
Neither the Township nor its authorized representatives will be responsible in any way for oral answers unconfirmed in writing to any inquiries regarding the intent or meaning of these specifications.

22. NEW JERSEY LAWS
These specifications, instructions to bidders and all accompanying documents, the bid and contract awarded to the successful bidder shall be construed in accordance with the laws of the State of New Jersey.

23. STANDARD CONTRACT
The successful bidder(s) will be required to sign and execute the Township's standard contract.

24. FAX BIDS
Please be advised that fax transmissions of any of the required bid documents will not be acceptable. YOUR BID WILL BE DECLARED NON-RESPONSIVE.

25. BUSINESS REGISTRATION CERTIFICATE
Bidders are required to submit with their bid a copy of their New Jersey Business Registration Certificate. Any vendor who does not currently possess a certificate can obtain information on how to register by visiting the State's website, www.state.nj/revenue/busregcert.htm. Your bid will be rejected if this document is absent from your proposal.

26. ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA

All vendors must submit with their bid a completed acknowledgement of receipt of addenda. Your bid will be rejected if this document is absent from your proposal.

27. DELIVERY TIME

Vendor will deliver the truck to the Township Maintenance yard located at 8 Pecks Corner Road, Salem, NJ 08079 with 150 days of the purchase order issued for same. .

28. INSURANCE REQUIREMENTS

Vendor will supply proof of the following coverage with their bid and will keep all policies current for the duration of the contract:

A) Worker's Compensation - Statutory Limits - Employers' Liability - $100,000 Limits

B) General Liability, in a comprehensive form, with a minimum limit of $500,000

C) Motor Vehicle Liability, in a comprehensive form, with a minimum limit of $500,000 including:

1) Owned automobiles
2) Hired automobilès
3) Non-owned automobiles

29. LATE PENALTY

Vendor will pay a late fee of $100/day for each and every day that delivery of the truck exceeds the 150 day mark as designated in paragraph 27 of these specifications.

Township of Lower Alloways Creek
BID SPECIFICATION
One (1) Automated Refuse Collection Systems Cab & Chassis New
and Unused 2015 Peterbilt Model 320…66,000 LB GVW Minimum (Or Equal)
with an automated cart lifting mechanism and packer

All Bidders: Fill out this form completely. All or any exceptions will be listed on this original. The manufacturers' brochures WILL NOT be accepted. If the bidder is not bidding on specified manufacturer's model, they must supply, at the Township's request, a working demonstration within ten (10) working days of receipt of bids.

ONE (1) AUTOMATED REFUSE COLLECTION SYSTEMS INCLUDING CAB & CHASSIS, BODY, PACKER AND SIDE LOADER LIFT ARMS AS FOLLOWS:

GENERAL: It is the intent of these specifications to describe a chassis and cab combination with a minimum GVW of 66,000 LBS., fully equipped and road ready, easily capable of transporting over the road and in landfills, a fully packed – 33-yard automated collection system as described herein. The equipment to be supplied shall be new and UNUSED and shall be manufacturer's 2015 production model, including accessories and normally standard features not specifically mentions but normally supplied and/or necessary to furnish a unit complete and ready for operation.

NOTE: THE SUCCESSFUL BIDDER WILL HAVE THE N.J. STATE DIESEL EMISSION TEST PERFORMED ON THE VEHICLES BY A CERTIFIED N.J. STATE DIESEL EMISSION CENTER WITH STICKER UPON DELIVERY.

CAB & EQUIPMENT:

1. The cab shall be a low cab forward design. Includes steel frames with alum and fiberglass panels, all alum doors, dual door stops, door locks, tinted safety glass thru-out, cab and door mounted entry grab handles, 65 degree hydraulic tilt, stainless steel grille, dual rear cab fenders, service module BOC (cab tilt pump, oil fill and dipstick, coolant fill and check, fluid fill and dipstick for auto trans), door mounted armrests, power windows, full insulation, rubber floor mats, ergonomic center control console, removable instrument panel ,Driver Information Display, LED backlit gauges, pull down windshield sunshade, 16in steering wheel with integrated horn button, tilt/telescopic adjustable column, over-door storage, driver and passenger side cup holders, USB charging port and 12VDC charging outlet, heater includes HVAC controls, rear cab corner windows, 18in bolt-on step on each side, self-cancelling turn signals and Front Directional and Side Mounted Turn Signals.

   COMPLY____EXCEPTION_____

2. Thermal insulation shall cover the underside of the engine tunnel.

   COMPLY____EXCEPTION_____

3. Self-cleaning stainless steel steps shall be provided on both sides of cab.
   COMPLY____EXCEPTION_____

4. Doors to have flush mounted paddle style door handles.

COMPLY____EXCEPTION_____

5. External Sunvisor – Stainless steel – OEM installed.

COMPLY____EXCEPTION_____

6. All glass to be tinted – windshield – 2 piece.

COMPLY____EXCEPTION_____

7. Power Windows – Both Doors

COMPLY____EXCEPTION_____

8. Rear window to be one piece, stationary with standard tint.

COMPLY____EXCEPTION_____

9. Unit to have a wet arm windshield washer with washer bottle located inside passenger side of cab.

COMPLY____EXCEPTION_____

10. Unit to have Dual Rectangular halogen headlamps with high/low beam switch in turn signal stalk mounted on steering column.

COMPLY____EXCEPTION_____

11. Insulated Rubber floor mats. Back panel to be heavy duty vinyl.

COMPLY____EXCEPTION_____

12. Cab to be tilted via hydraulic tilt mechanism allowing for a minimum of 65 degree cab tilt angle.

COMPLY____EXCEPTION_____

13. Cab to be right-hand drive.

COMPLY____EXCEPTION_____

14. Cab exterior to be equipped with single chrome air horn with shield, dual west coast stainless steel heated mirrors, heated convex mirrors with down view mirror over passenger door, dual electric horns. Bug screen behind grille. Manifest pouch vinyl behind driver seat, power windows (Both Doors).

COMPLY____EXCEPTION_____

15. Cab interior to be gray color and be equipped with door mounted arm rests on both sides, engine cover, dual sunvisors, all of vinyl.

COMPLY____EXCEPTION_____

16. A door operated cab dome light shall be provided.

COMPLY____EXCEPTION_____

17. Cab environmental to include a Combo Fresh Air Heater/Air-Conditioner with radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.– OEM installed.

COMPLY____EXCEPTION_____

18. The seating provided shall include a Mid-back air suspended Fabric driver's seat with LH Armrest, Headrest & Lumbar support and a static low back passenger seat, both with three-point seat belts.

COMPLY____EXCEPTION_____

19. A 16" Steering wheel shall be provided. Cab entry handles on exterior both sides.

COMPLY____EXCEPTION_____

20. Unit to be equipped with an air restriction gauge.

COMPLY____EXCEPTION_____

21. Engine shutdown, with audible and visual alarms, for low air pressure high water temperature and low water level shall be supplied.

COMPLY____EXCEPTION_____

22. The following instruments and gauges shall be supplied: electronic speedometer and odometer, dual air pressure gauges, engine oil pressure gauge, coolant temperature gauge, fuel level gauge, voltmeter, engine oil temperature, rear axle temperature. Electric hourmeter, electric tachometer, transmission temp. gauge.

COMPLY____EXCEPTION_____

23. The following warning lamps shall be provided: coolant level, coolant temperature, low air pressure, low oil pressure, turn signal indicators and high beam indicator.

COMPLY____EXCEPTION_____

24. Unit to be supplied with manual reset circuit breakers, seven (5) Clearance lights LED & (2) Marker Lights LED. Includes (5) lights mounted on roof of cab and (1) cab side marker light mounted in front of each cab door., front turn signals with chrome housing and turn signal switch non-cancelling type. Parking lights and Daytime running lights.

COMPLY____EXCEPTION_____

25. Cab to include: AM/FM Stereo radio dash mounted & power feed & ground studs for CB radio.

COMPLY____EXCEPTION_____

26. The cab to be equipped with electric intermittent wipers on both sides.

COMPLY____EXCEPTION_____

27. Rubber bulb door seals.

COMPLY____EXCEPTION_____

28. The cab to be painted red to match Township fleet.

COMPLY____EXCEPTION_____

29. A fire extinguisher and a triangle reflector kit to be included.

COMPLY____EXCEPTION_____

ENGINE & EQUIPMENT:

Unit to be powered by a Cummins ISX 12 350R 350 HP 2100 RPM, Torque 1350@1200 RPM. (2013 Emissions) Refuse Service (2013 Emissions) Includes alum flywheel housing. Chevron Delo LE SAE 15W40 engine oil is specially formulated for new low emissions engines. Magnetic engine oil drain plug captures and holds any metal fragments in engine oil to extend service life. Engine must be Certified & Compliant.

COMPLY____EXCEPTION_____

Engine to be equipped with the following:

1. Engine mounted full flow oil filter and by-pass oil filter.

COMPLY____EXCEPTION_____

2. Engine dipstick located behind cab for daily routine check w/o lifting cab.

COMPLY____EXCEPTION_____

3. 18.7 Air compressor.

COMPLY____EXCEPTION_____

4. Fuel cooler.

COMPLY____EXCEPTION_____

5. On/Off Fan clutch – automatic.

COMPLY____EXCEPTION_____

6. 16" FVG Air Cleaner Horizontal Mounted Dual Element/Dual Stage

COMPLY____EXCEPTION_____

7. Silicone radiator and heater hoses.

COMPLY____EXCEPTION_____

8. Anti-freeze protection to (-40F) and Extended life coolant.

COMPLY____EXCEPTION_____

9. High efficiency cooling system radiator with coolant fill & check back of cab – for daily routine check w/o tilting cab.

COMPLY____EXCEPTION_____

10. 12 Volt Starter

COMPLY____EXCEPTION_____

11. 130 AMP Alternator Brushless with voltage regulator.

COMPLY____EXCEPTION_____

12. Three (3) 12V Dual Purpose Maintenance free 2100 CCA batteries. Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.

COMPLY____EXCEPTION_____

13. Heated Fuel Filter.

COMPLY____EXCEPTION_____

14. Single vertical exhaust stainless steel.

COMPLY____EXCEPTION_____

15. FEPTO Provision: Includes 1350 Series Front Drive PTO attachment provision, radiator with PTO cut-out in grille, radiator protection sleeve, and bumper extension.
COMPLY____EXCEPTION_____

16. C-Brake by Jacobs, ISX 12 (Engine Brake)

COMPLY____EXCEPTION_____

TRANSMISSION:

1. Transmission to be an Allison 4500RDS-P wide ratio, (6) speed automatic.

COMPLY____EXCEPTION_____

2. Driveline 1810HD with a single mid-ship bearing.

COMPLY____EXCEPTION_____

3. TranSynd Automatic Transmission fluid.

COMPLY____EXCEPTION_____

4. Allison RDS Auto Neutral 'AK'

COMPLY____EXCEPTION_____

FRONT AXLE:

1. The front axle to be a Dana Spicer Wide Track D2000F 20,000 lb. capacity or equal.

   COMPLY____EXCEPTION_____

2. 16.5x6" Cam Brakes

   COMPLY____EXCEPTION_____

3. Outboard cast iron brake drums

   COMPLY____EXCEPTION_____

4. Automatic Slack Adjusters.

   COMPLY____EXCEPTION_____

5. Power steering Sheppard SD110 Dual.

   COMPLY____EXCEPTION_____

6. Nine (9) quart power steering reservoir. Remote mounted for daily routine check w/o tilting cab.

   COMPLY____EXCEPTION_____

7. 20,000 lb. Taper leaf springs with shocks.

   COMPLY____EXCEPTION_____

8. Steel hubs with 11.25" bolt circle.

   COMPLY____EXCEPTION_____

9. Oil seals.

COMPLY____EXCEPTION_____

REAR AXLE:

1. The rear axle to be a Dana Spicer D46-170P 46,000 lb. capacity, or equal, with full locking differential on both axles & Smart ATC Traction Control. (Includes Lube Pump)

COMPLY____EXCEPTION_____

2. Hendrickson RT-463 46,000 lb. capacity suspension with 54" AS. Includes tracking rods, rubber center bearings.

COMPLY____EXCEPTION_____

3. 16.5"x7" cam brakes outboard cast iron brake drums.

COMPLY____EXCEPTION_____

4. Anti-Lock Braking System (ABS) 6S6M ABS-6. Includes air braking & SBM Valve.

COMPLY____EXCEPTION_____

5. Automatic Slack Adjusters.

COMPLY____EXCEPTION_____

6. Oil seals.

COMPLY____EXCEPTION_____

7. Synthetic Axle lubricant.

COMPLY____EXCEPTION_____

8. Rear brake camshaft reinforcement.

COMPLY____EXCEPTION_____

FRAME:

1. The frame to be 10.75"x3.5"x .375" with a full steel frame liner. RBM to be a minimum of 3,468,000 with all bolts huck fastened. Wheelbase to accommodate body selection.

COMPLY____EXCEPTION_____

2. Bendix AD-IS EP Air dryer with Heater. Extended Purge (for use with higher air consumption applications). An integrated system air dryer that incorporates the functions of the air dryer, purge reservoir (which increases the drying capacity), wet air tank, pressure relief valve, single check valves, and pressure protection valve for air susp and other air accessories. Includes easy-to-service spin-on dessicant cartridge.

COMPLY____EXCEPTION_____

3. 80 gallon Aluminum 26" fuel tank mounted LH Frame.

COMPLY____EXCEPTION_____

4. SAE J844 nylon tubing fuel lines or wire braid fuel lines.

COMPLY____EXCEPTION_____

5. Aluminum battery box left hand mounted with shut off switch & battery jumper terminals mounted in front of battery box.

COMPLY____EXCEPTION_____

6. Electrical back up alarm – body builders junction box – all electrical wires and air lines routed through cross members protected by convoluted tubing.

COMPLY____EXCEPTION_____

7. Painted steel front bumper – heavy duty.

COMPLY____EXCEPTION_____

8. Two (2) front removable tow pins.

COMPLY____EXCEPTION_____

9. Steel air tanks located inside frame rail.

COMPLY____EXCEPTION_____

TIRES & WHEELS:

1. Two (2) front tires to be Bridgestone M860 315/80R22.5" 20 ply or equal.

COMPLY____EXCEPTION_____

2. Eight (8) rear tires to be Bridgestone M843 11R22.5" 16 ply or equal.

COMPLY____EXCEPTION_____

3. Front wheel to be 22.5x9.00" ACCUR 29039 Steel Hub pilot painted white.

COMPLY____EXCEPTION_____

4. Rear wheel to be 22.5x8.25" ACCUR 50291 Steel Hub pilot painted white.

COMPLY____EXCEPTION_____

5. One set of Parts and Service manuals at delivery of trucks in paper form and on CD.

COMPLY____EXCEPTION_____

MISCELLANEOUS:

1. Dry type 5 lb. fire extinguisher.

COMPLY____EXCEPTION_____

2. Flare kit with three (3) triangular reflectors.

COMPLY____EXCEPTION_____

WARRANTY:

1. Transmission: 3 year/unlimited mileage – 100% parts and labor.
Engine: Five Years/100,000 Miles. Coverage is 100 percent parts and labor with no deductibles on internally lubricated components and major engine systems including turbo charger, water pump, and fuel injectors.
Aftertreatment Coverage: Five Years/100,000 miles. Coverage is 100 percent parts and labor with no deductibles on the DEF controller /dosing unit/ dosing valve, SCR catalyst, catalytic converter particulate filter, SCR/DPF temperature sensor interface module, and other related aftertreatment parts.
All other components warranted for a minimum of one (1) year from delivery date.

COMPLY____EXCEPTION_____

2. If the warranty facility is located outside a fifty (50) mile radius of the Township of Lower Alloways Creek's Public Works Garage, the successful bidder shall be required to transport the vehicle for any warranty work. This includes both the cab & chassis as well as the body.

COMPLY____EXCEPTION_____

EQUIVALENT BIDS:

1. Specific manufacturers, models and brand names are mentioned in these specifications to establish the level of quality sought by the Township of Lower Alloways Creek Department of Public Works. Manufacturers, models and items of equivalent or greater quality may be substituted and so noted in writing on the applicable exception sheets. The burden of proof as to the equality of any substitution shall be the bidder's responsibility.

NOTICE: All bidders must be a franchised New Truck Dealer, licensed in the State of New Jersey be the New Jersey Department of Motor Vehicles, N.J.S.A 39: 10-19 & 39: 10-2 and must submit a copy of such license with bid. A sample copy of "Manufacturer's Certificate of Origin" showing bidders name and address on front side must be submitted with bid. Successful bidder must submit a copy of actual "Manufacturer's certificate of Origin" with successful bidders name and address on front side and the Borough's name as "First Purchaser" on back side before vehicle is registered and titled with the State of new Jersey. (Jumping title is strictly prohibited.)
SUCCESSFUL BIDDER shall have cab/chassis diesel Emission inspected with New Jersey State Sticker and all proper paperwork. Vehicle to be inspected by a New Jersey State Certified Emission Inspection Center.

To avoid untested and or prototype, the automated unit that is being offered must be in production for a minimum of Five years

Body Capacity	**COMPLIES**	
	Y	**N**
The minimum capacity of the body shall be 31 cubic yards, excluding the hopper.	___	___
The capacity of the tailgate shall be 2 cubic yards.	___	___
The hopper capacity shall be 6.5 cubic yards.	___	___
The refuse load can be completely unloaded without lifting The body (Full Eject type)	___	___

Body Dimensions		
The body shall be tapered to facilitate the unloading of the material and to increase compaction ratio.	___	___
The taper dimensions of the body side's will be 9.Sinch	___	___
The inside body width at the front shall be 78" inches.	___	___
The inside body width at the rear shall be 87" inches.	___	___
The outside body width shall be 96" inches.	___	___
The inside body height shall be 89" inches.	___	___
The outside body height shall be 103" inches.	___	___
The overall length including the hopper shall be 311" inches.	___	___

Floor Construction

The hopper floor steel grade shall be abrasive resistant Steel.	___	___
The hopper floor thickness shall be 0.160inch.	___	___
The hopper floor yield strength shall be 175,000 PSI.	___	___
The body floor shall be rounded.	___	___
The body floor thickness shall be 3/16".	___	___
The body floor steel grade shall be abrasive resistant steel.	___	___
The body floor yield strength shall be 145,000 PSI.	___	___
The body long sills shall be HSS tubing 6"x 2"x 3/8".	___	___
The hopper sump box dimensions 14x6x 87 inches	___	___
The hopper upper left and right wall thickness 10 ga	___	___
The hopper lower side thickness ¼ inch and abrasive resistant steel	___	___
The hopper upper part steel grade ASTM A1011	___	___

Side Construction and Hopper

	COMPLIES Y	COMPLIES N
The body shall be rounded and smooth, improving resistance and featuring lightness, sides are to be one piece, full length of the body to reduce welding seams.	___	___
The lower body wall thickness shall be 10 gauge	___	___
the body walls steel grade shall be ASTM A-715 GR 80F.	___	___
the body walls yield strength shall be 80,000 PSI.	___	___
Hopper Floor Steel Grade to be hi tensile strength	___	___
Hopper Lower Side Walls to be hi tensile strength	___	___
Rub rail thickness shall be 12 gauges.	___	___
Rub rail steel grade shall be A-569.	___	___
Rub rail dimensions shall be 8"x 3+3/16"x 9+7/8.	___	___
A body window, made of expanded metal, of 8"x 8" shall be installed on the front wall of the body, to indicate when the body is full.	___	___
A hopper access door shall be installed to permit the driver to have access to the hopper if something falls off the cart.	___	___
The hopper access door thickness shall be 10 gauge.	___	___
The hopper access door steel grade shall be ASTMA1011.	___	___
The hopper access door dimensions shall be 28"x 44".	___	___
An interlock shall avoid packer operation when door is ajar.	___	___
Door can be held in the open or close position with locks.	___	___
The hopper depth curbside is 56"	___	___

The hopper street side depth is 70"	___	___
Hopper length 69" width 66"	___	___
Follower panels thickness is ¼ and steel grade is ASTMA1011	___	___
Hopper capacity 6.5 cubic yards	___	___
A fold up ladder to be provided	___	___

Roof Construction

Body roof shall be rounded and made of high tensile steel to ensure strength when material is packing against it.	___	___
The roof thickness shall be 12 gauge.	___	___
The roof steel grade shall be ASTM A-715 GR 80F.	___	___
The roof yield strength shall be 80,000 PSI.	___	___

Rear Tailgate

	COMPLIES Y	N
The rear tailgate shall be hydraulically operated, bustle type with an automatic lock mechanism and hydraulic safety locks.	___	___
Tailgate sides and rear thickness shall be 12 gauge.	___	___
The tailgate steel shall be ASTM A-715 GR 80F	___	___
The tailgate yield strength shall be 80,000 PSI.	___	___
The tailgate shall be operated by 2 lift cylinders.	___	___
Tailgate cylinders shall be chromed.- plated	___	___
Tailgate cylinder bore shall be 2+1/2" .	___	___
Tailgate cylinder rod diameter shall be 1+3/4".	___	___
Tailgate cylinder stroke shall be 39".	___	___
Tailgate cycle time shall be 55 seconds.	___	___
A rubber seal shall be installed on the tailgate to prevent liquid leakage and banging on back of the body.	___	___
Tailgate seal shall extend across the entire bottom of the body and vertically up each side at least 30 inches.	___	___
A cab mounted and audible alarm shall be provided to indicate that the tailgate is unlocked.	___	___
A manual control with safety lock shall be installed in the cab to prevent accidental activation.	___	___
Tailgate safety prop rods shall be provided.	___	___
The tailgate hinge pins diameter 1 ¼	___	___

Packer

	COMPLIES Y	COMPLIES N
The packer shall be 24" high providing 75,400 lbs of force on the material, ensuring efficient packing.	___	___
The packer shall be unitized, integral with the body.	___	___
The packer shall be guided by 2 rails in which wear plates are made of abrasive resistant steel grade	___	___
Wear plates thickness shall be ¼".	___	___
Rail dimensions shall be 3 +1/2"x 2+3/16".	___	___
Packer wear shoes steel grade shall be hi tensile strength	___	___
Packer wear shoes thickness shall be 3/8".	___	___
Two packer shaver cylinders	___	___
Packer cylinders shall be chrome plated	___	___
Cylinder bore diameter shall be 4".	___	___
Cylinder road diameter shall be 2 1/2".	___	___
Cylinder stroke shall be 40".	___	___
Maximum operation pressure shall be 3000 psi.	___	___
Maximum compaction of refuse shall be 900 pounds per cubic yard.	___	___
Inside width of packing ram shall be 65 1/2".	___	___
Inside height of packing ram shall be 24".	___	___
Packing ram stroke shall be 52".	___	___
Packing ram top steel grade shall be CSA G40.21 100QT.	___	___
Packing ram top thickness shall be ¼".	___	___
Packing ram top yield strength shall be100,000 psi.	___	___
Packing face plate steel grade shall be CSA G40.21 100QT.	___	___
Packing face plate thickness shall be ¼".	___	___
Packing face plate yield strength shall be 100,000 psi.	___	___
Packing ram sweep volume shall be 1.75 cubic yards.	___	___
Penetration of the ram into the body shall be 6".	___	___
Packer ram cycle time shall be 14 seconds.	___	___
Packer shall be reinforced with a combination of structural members for maximum rigidity.	___	___
Packer controls shall consist of start, retract and emergency stop.	___	___
Emergency red button shall be provided to stop packer ram movement at any time.	___	___
One complete set of packer controls located in the cab shall be provided.	___	___
Control buttons shall be heavy duty, industrial type, color coded, corrosion proof and weather resistant.	___	___
The packer cycle shall be programmable, after the grab is activated An automatic packer cycle occurs after a seven second delay.	___	___
The number of complete cycles will be easily adjustable from 3 to 6 cycles. (Multi-Cycle)	___	___

Hydraulic System

	COMPLIES Y	COMPLIES N
Hydraulic pump shall be a tandem Denison PT6DC Front pump.	___	___
The hydraulic system shall be designed to ensure easy maintenance.	___	___
System shall be composed of 2 fixed displacement vane pumps For the body functions, pumps shall have a common suction port.	___	___
Hydraulic system shall work at idle speed of 850 rpm.	___	___
Vane pump for body function shall deliver 20 gpm @ 700 rpm.	___	___
Vane pump for arm function pump shall deliver 16 gpm @ 700 rpm.	___	___
Hydraulic system pressure relief valve for the arm shall be 3,000 psi.	___	___
Hydraulic system pressure relief valve for the body shall be 2100 psi.	___	___
Capacity of the hydraulic reservoir shall be 85 gallons.	___	___
The hydraulic reservoir shall be equipped with a magnetic drain plug, oil level sight gauge and shut-off valves in the suction line.	___	___.
The in tank return line filter capacity shall be 150 gpm.	___	___
Suction line strainer size shall be 100 mesh.	___	___
All hoses shall be double braided wire minimum, high burst capacity and reinforced with nylon wrap to prevent chafing.	___	___
Hydraulic tubing shall be used where flexibility is not needed.	___	___
All pipes shall be zinc coated to prevent corrosion.	___	___
All hydraulic tubing shall be securely clamped to prevent vibration, abrasion and excessive noise.	___	___
All hydraulic hoses shall conform to S.A.E. standards for designed pressures, bends shall not be less than recommended by S.A.E. standards.	___	___
Hydraulic system shall operate at an acceptable temperature Without the need for external hydraulic oil cooling devices.	___	___
Quick disconnect fittings shall be provided so that a pressure gauge can be easily connected without the use of tools or the need to remove hydraulic fittings.	___	___

Cart Lifting Mechanism

Arm shall be fabricated from highly resistant steel plate, grade ASTM A36.	___	___
Arm lift yield strength shall be 100,000 psi.	___	___
All cylinders shall be chromed 0.002" minimum with a spherical bearing at each end.	___	___
Grab clamp shall be actuated two hydraulic cylinders and use a high friction rubber strapping.	___	___
Grab assembly should enable loading roll carts of 32 to 95 US gallons.	___	___
Maximum lifting capacity at minimum reach shall be 1000 lbs.	___	___
Maximum lifting capacity at maximum reach 1000 lbs.	___	___
A lock valve shall be integrated in the inner boom cylinder to		

	COMPLIES Y	N
prevent any movement of the arm without action of the joystick.	___	___
The joystick shall be on off type.	___	___
The joystick shall have an on-off rocker switch for control of the grab.	___	___
An arm reset shall be installed in an adequate location for joystick operation.	___	___
Arm shall have a reach of **0 to 108"**	___	___
Vertical dump height shall be 108" maximum and dump angle 47%.	___	___
Unit weight without grab and oil but including valve bank shall be 1950 lbs.	___	___
Recommended hydraulic pump flow rate for the arm shall be 12.5 gpm.	___	___
Lifting mechanism cycle time, at minimum reach, shall be 10 seconds.	___	___
Lifting mechanism cycle time, at maximum reach, shall be 20 seconds.	___	___
Grab operating pressure shall be 1200 psi.	___	___
Arm maximum operating pressure 2000 psi	___	___
Arm C- rail extension steel and lift frame steel is A709	___	___
Arm C- rail extension and lift frame yield strength is 36,000 psi	___	___
Arm I —rail extension yield strength is 100,000 psi	___	___
Extension rails cylinders diameter is 1.5 " and 1" chrome plated rod	___	___
Lift cylinder diameter is 3" and the rod is 1.75 " and is chrome plated	___	___
Lift chains type and lacing are leaf 6x6	___	___
Main aim shaft diameter is 4"	___	___
Inner tube wear pads are nyloil	___	___
Grabber cylinder diameter is 1.5";rod diameter is 1" and is chrome plated	___	___
Lifting device minimum cart size 36 gallon and maximum is 95 gallon	___	___
Grabber valves are proportional	___	___

Load Ejection Mechanism

Full Load Ejection System	___	___
Telescope cylinder	___	___
Cylinder shall be 4-stage	___	___
Cylinder bore diameter shall be 6 ¾"	___	___

Electrical System

All stop, tail and clearance lights shall be recessed mount and watertight.	___	___
All lights shall be provided following FIVWSS #108.	___	___

	COMPLIES Y	N
Rear lights to be integrated to tailgate structure.	___	___
Work and safety lights to be installed are as follows:		
One hopper work light.	___	___
One strobe light installed center rear of the body.	___	___
Two rear amber alternating flashing lights to be installed on the top rear of the body.	___	___
O.S.H.A. approved back-up alarm shall be provided.	___	___
Limit switches shall be heavy duty, industrial type, water tight with adjustable arm and over travel to prevent damage.	___	___
All circuits shall be properly fused and wiring shall be color coded and numbered.	___	___
Wiring shall conform to SAE J1128.	___	___

Accessories

Mud guards shall be installed in front of the intermediate axle.	___	___
Mud flaps shall be installed behind the rear axle.	___	___
Broom and shovel with holders supplied and mounted.	___	___
Garden hoe (for cleaning purposes) with a plastic handle and holder.	___	___
5 lbs. ABC fire extinguisher mounted in the cab.	___	___
Triangle safety kit shall be mounted in the cab.	___	___
Folding ladder on curb side to access the hopper shall be provided.	___	___
One complete observation system to include:		
Three camera, color 7" flat screen LCD monitor.	___	___
Integrated audio speakers.	___	___
Backlit controls.	___	___
Day/night brightness mode.	___	___
One hopper one at the rear.	___	___
Hopper pre crusher to be fully covered (to keep materials inside the hopper when moving)	___	___
Mid West Auto-Lube (body)	___	___

Painting

The truck shall be properly cleaned of all dirt, grease and welding slag.	___	___
Body and hopper shall be steel grit blasted.	___	___
One coat of polyurethane primer Imron Elite shall be applied.	___	___
One finish coat of Red polyurethane Imron elite shall be applied.	___	___
Primer coat and finish paint coat shall be dried at 125 degrees.	___	___
The body shall be painted one color	___	___
A rust protection shall be applied in the body cavities.	___	___
Conspicuity tape according to ANSI standard shall be installed on the body.	___	___

Automated arm shall be painted safety yellow.	___	___
"Right hand side driver" & "Stay back 500 feet" stickers shall be applied on the rear of the hopper.	___	___

Manuals

Parts, Service and operators manual shall be supplied for the refuse packer and the cab & chassis. (a compact disc will be accepted)	___	___
All body hinges, cylinder rod ends, cylinder base trunnion and pivot points shall be supplied with grease fittings.	___	___
Packer grease fittings shall have easy access outside the body.	___	___
Grease chart shall be permanently affixed to the body.	___	___

WARRANTY

The length of warranty on defective parts shall not be less than one year.	___	___
Length of warranty on packing cylinders shall be not less than three years.	___	___

	COMPLIES	
	Y	N
Length of warranty on automated arm shall not be less than one year.	___	___
Length of warranty on paint shall not be less than one years.	___	___
A clear and concise statement of the terms and conditions of the warranty shall be supplied.	___	___
The body manufacturer is certified ISO 9001 and to include certification	___	___

Maintenance training and Inspection

Sufficient training shall be given to the employees at the Township facilities by a certified trainer.	___	___
Bidder will be responsible for transport to and from their authorized parts and full service facility located beyond 75 miles of the Township (this includes packer, hopper & related mechanisms)	___	___

STOCKHOLDER DISCLOSURE CERTIFICATION
This Statement Shall Be Included with Bid Submission

Name of Business _____

☐ I certify that the list below contains the names and home addresses of all stockholders holding 10% or more of the issued and outstanding stock of the undersigned.

OR

☐ I certify that no one stockholder owns 10% or more of the issued and outstanding stock of the undersigned.

Check the box that represents the type of business organization:

☐ Partnership ☐ Corporation ☐ Sole Proprietorship

☐ Limited Partnership ☐ Limited Liability Corporation ☐ Limited Liability Partnership

☐ Subchapter S Corporation

Sign and notarize the form below, and, if necessary, complete the stockholder list below.

Stockholders:

Name: _____ Name: _____

Home Address: _____ Home Address: _____

_____ _____

Name: _____ Name: _____

Home Address: _____ Home Address: _____

_____ _____

Name: _____ Name: _____

Home Address: _____ Home Address: _____

_____ _____

Subscribed and sworn before me this ___ day of _____, 2__.

_____
(Affiant)

(Notary Public)

_____
(Print name & title of affiant)

My Commission expires:

(Corporate Seal)

NON-COLLUSION AFFIDAVIT

State of New Jersey
County of _____ ss:

I, _____ residing in _____
(name of affiant) (name of municipality)
in the County of _____ and State of _____ of
full age, being duly sworn according to law on my oath depose and say that:

I am _____ of the firm of _____
(title or position) (name of firm)

_____ the bidder making this Proposal for the bid

entitled _____, and that I executed the said proposal with
(title of bid proposal)
full authority to do so that said bidder has not, directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above named project; and that all statements contained in said proposal and in this affidavit are true and correct, and made with full knowledge that the _____
_____ relies upon the truth of the statements contained in said Proposal
(name of contracting unit)
and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by _____.

Subscribed and sworn to

before me this day

_____
Signature

_____, 2____

_____
(Type or print name of affiant under signature)

_____
Notary public of

My Commission expires _____

(Seal)

BID PROPOSAL FORM

_____
(Contract Title and Bid Number, if applicable)

_____
(Description of goods/services being bid)

The undersigned proposes to furnish and deliver the above goods/services pursuant to the bid specification and made part hereof:

_____
Amount in words

$_____
Amount in numbers

_____ _____
Company Name Federal I.D. # or Social Security #

_____
Address

_____ _____
Signature of Authorized Agent Type or Print Name

Title:_____

_____ _____
Telephone Number Date

_____ _____
Fax Number E-mail address

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA

The undersigned Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Dated
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

No Addendum Received	Dated
_____	_____

Acknowledged for:

_____
(Print or Type Name of Bidder)

By:_____
(Print or Type Name of Authorized Individual)

Signature: _____

Title : _____

AFFIRMATIVE ACTION COMPLIANCE NOTICE
N.J.S.A. 10:5-31 and N.J.A.C. 17:27

GOODS AND SERVICES CONTRACTS
(INCLUDING PROFESSIONAL SERVICES)

This form is a summary of the successful bidder's requirement to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

The successful bidder shall submit to the public agency, after notification of award but prior to execution of this contract, one of the following three documents as forms of evidence:

(a) A photocopy of a valid letter that the contractor is operating under an existing Federally approved or sanctioned affirmative action program (good for one year from the date of the letter);

OR

(b) A photocopy of a Certificate of Employee Information Report approval, issued in accordance with N.J.A.C. 17:27-4;

OR

(c) A photocopy of an Employee Information Report (Form AA302) provided by the Division and distributed to the public agency to be completed by the contractor in accordance with N.J.A.C. 17:27-4.

The successful vendor may obtain the Affirmative Action Employee Information Report (AA302) from the contracting unit during normal business hours.

The successful vendor(s) must submit the copies of the AA302 Report to the Division of Contract Compliance and Equal Employment Opportunity in Public Contracts (Division). The Public Agency copy is submitted to the public agency, and the vendor copy is retained by the vendor.

The undersigned vendor certifies that he/she is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27 and agrees to furnish the required forms of evidence.

The undersigned vendor further understands that his/her bid shall be rejected as non-responsive if said contractor fails to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

COMPANY: _____ SIGNATURE: _____

PRINT NAME: _____ TITLE: _____

DATE: _____

(REVISED 4/10)

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE
N.J.S.A. 10:5-31 et seq. (P.L. 1975, C. 127)
N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval

Certificate of Employee Information Report

Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract_compliance)

The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.

Submitted by:
Name of Firm: _____

By: _____

Title: _____

Date: _____

Lower Alloways Creek Township

BID DOCUMENT CHECKLIST*

Required by owner	Submission Requirement	Initial each required entry and if requiredm submit the item
☑	Stockholder Disclosure Certification	
☑	Non-Collusion Affidavit	
☑	Bid Proposal Form	
☑	Acknowledgement of Receipt of Addenda	
☐	Status of Present Contracts	
☐	Equipment Certification	
☑	Bid Guarantee (with Power of Attorney for full amount of *Bid* Bond)	
☐	Public Works Contractor Certificate	
☐	Consent of Surety (with Power of Attorney for full amount of Bid Price)	
☑	Mandatory Affirmative Action Language	
☑	Proof of Truck Dealer license	
☑	Proof of insurance	
☑	Proof of Business Registration	

*This form need not be submitted. It is provided for bidder's use in assuring compliance with all required documentation.