



Invitation to Bid  
23 Ft Compartmentalized Double Sided  
Loading Style Recycle Truck  
#B2015-DPW-04

**Town of Seabrook, New Hampshire**

**Department of Public Works**



**23 ft Compartmentalized Double Sided Loading Style Recycle Truck**

**INVITATION FOR BID # B2015-DPW-04**

*You are cordially invited to submit a Bid for the Purchase of a new 23 Ft compartmentalized self loading recycling truck in accordance with the attached specifications, terms and conditions. Prospective respondents are advised to read this information over carefully prior to submitting a proposal.*

*Five (5) copies of the Bid must be submitted in a sealed envelope, plainly marked:*

***RFP# B2015-DPW-04  
Town Managers Office  
Town of Seabrook  
C/o Shaylia Marquis Chief Procurement Officer  
99 Lafayette Road  
Seabrook, NH 03874***

***All proposals/bids must be received by February 2nd, 2016 at 2:00 p.m. EST and will be opened publicly at such time.***



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INSTRUCTION TO BIDDERS

**PURPOSE OF PROPOSAL**

The purpose of this Invitation for Bid and accompanying specifications are to provide instructions and assistance in submitting an offer to provide one (1) new 23 Ft compartmentalized double sided style loading recycling truck for our Public Works Department. The objective is to have a purchase order to the supplier by March 1, 2016 with delivery as soon as possible thereafter.

**PREPARATION OF BID PROPOSAL**

1. The bidder shall submit her/his proposal upon the form(s) furnished by the Town (attached). The bidder shall specify a unit price for each pay item. All figures shall be in ink or typed.
2. If a unit price or lump sum bid already entered by the bidder on the proposal form is to be altered it should be crossed out with ink, the new unit price or lump sum bid entered above or below it and initialed by the bidder, also with ink. In case of discrepancy between the prices written in words and those written in figures, the prices written in words shall govern.
3. The bidder's proposal must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture, by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner. If the proposal is made by an individual, his name and post office address must be shown, by a partnership the name and post office address of each partnership member must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business addresses of the President, Secretary, and Treasurer.
4. All questions shall be submitted in writing to and received by the Chief Procurement Officer at the above address, a minimum of 7 days prior to the scheduled bid opening. The Chief Procurement Officer, will then forward both the question and the Town's response to the question to all prospective bidders.

**INTENTION TO BID**

Bidders that want to participate in the IFB are urged to submit a notification of intention to bid on this procurement to receive possible additional information. Submission of intention form can be found on the town website at [www.Seabrooknh.info](http://www.Seabrooknh.info). Completed forms may be emailed to [Smarquis@seabrooknh.org](mailto:Smarquis@seabrooknh.org).



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### **IRREGULAR PROPOSALS**

Bid proposals will be considered irregular and may be rejected for any of the following reasons:

1. If the proposal is on a form other than that furnished by the Owner or if the form is altered or any part thereof is detached.
2. If there are unauthorized additions, conditional or alternate bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning.
3. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
4. If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alternate pay items.

### **DELIVERY OF BID PROPOSALS**

When sent by mail, the sealed proposal shall be addressed to:

***RFP# B2015-DPW-04  
Town Managers Office  
Town of Seabrook  
C/o Shaylia Marquis Chief Procurement Officer  
99 Lafayette Road  
Seabrook, NH 03874***

All bids must be received no later than 2:00pm EST on February 2nd, 2016. The submittal package shall include five (5) copies of the proposal. No telephone, email or facsimile proposals will be accepted. All proposals received after the deadline will not be accepted and will be returned unopened.

All bids and proposals are due no later than the time and date listed for the solicitation. In the event that Town of Seabrook government offices are closed, because of inclement weather or other emergency situations, on scheduled pre-bid meetings, published bid openings, pre-proposal meetings, and on proposal due dates, they will default to the next open business day at the same time.

### **WITHDRAWAL OF BID PROPOSALS**

A bidder will be permitted to withdraw his/her proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposals.



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**PUBLIC OPENING OF BID PROPOSALS**

Proposals will be opened and read publicly at 2:00pm EST on February 2nd, 2016. Bidders, their authorized agents, and other interested parties are invited to be present.

**DISQUALIFICATION OF BIDDERS**

Either of the following reasons may be considered as being sufficient for the disqualification of a bidder and the rejection of her/his bid proposal(s):

1. Evidence of collusion among bidders.
2. Failure to supply complete information as requested by the bid specifications.

**CONSIDERATION OF PROPOSALS**

1. Bids will be made public at the time of opening and may be reviewed only after they have been properly recorded. In case of discrepancy between prices written in words and those written in figures, the prices written in words shall govern. In case of a discrepancy between the total shown in the proposal and that obtained by adding the products of the quantities of items and bid prices, the latter shall govern.
2. The Town reserves the right to accept or reject any or all proposals, to waive technicalities or to advertise for new proposals, if in the judgment of the Town, the best interest of the Town of Seabrook will be promoted thereby.

**AWARD OF CONTRACT**

The Town holds the right, in its judgment, to award the contract to the bidder, which it feels is in the best interest of the Town. If a contract is to be awarded, the Contractor/Vendor selection shall be based on part on possession of the necessary experience, organization, technical, and professional qualifications, skills and facilities, reference checks, project understanding, approach, ability to comply with proposed or required time to completion or performance, licensing or certification, in good standing with Federal, State and Local agencies, possession of satisfactory record of performance, cost and to a responsible and qualified bidder whose proposal complies with all the requirements prescribed as soon as practical after the bid opening. No bid shall be withdrawn for a period of (60) sixty days subsequent to the opening of bids without the consent of the Town of Seabrook. The successful bidder will be notified, by the form mailed to the address on his/her proposal, that his/her bid has been accepted and that he/she has been awarded the contract.



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### **CANCELLATION OF AWARD**

The Town reserves the right to cancel the award of any contract at any time before the execution of such contract by all parties without any liability against the Town.

### **BID EVALUATION**

In addition to the bid amount, additional factors will be considered as an integral part of the bid evaluation process, including, but not limited to:

1. The bidder's ability, capacity, and skill to perform within the specified time limits.
2. The bidder's experience, reputation, efficiency, judgment, and integrity.
3. The quality, availability, and adaptability of the supplies and materials sold.
4. The bidder's past performance.
5. The sufficiency of bidder's financial resources to fulfill the contract.
6. The bidder's ability to provide future maintenance and/or services.
7. Any other applicable factors as the Town determines necessary and appropriate (such as compatibility with existing equipment).

### **LAWS, PERMITS AND REGULATIONS**

1. The Contractor shall obtain and pay for all licenses and permits as may be required of him by law, and shall pay for all fees and charges for connection to outside services, and for use of property other than the site of the work for storage of materials or other purposes.
2. The Contractor shall comply with all State and Local laws, ordinances, regulations and requirements applicable to work hereunder, including building code requirements. If the Contractor ascertains at anytime that any requirement of this contract is at variance with applicable laws, ordinances, regulations or building code requirements, she/he shall promptly notify the Town of Seabrook in writing.

### **STANDARDS**

1. Materials specified by reference to the number, symbol or title of a specific standard, such as Commercial Standard, a Federal Specification, Department's Standard Specifications, a trade association standard or other similar standard, shall comply with requirements in the latest revision thereof and any amendment or supplement thereto in effect on the date of advertisement, except as limited to type, class or grade or modified in such reference.
2. Reference in the Specifications to any article, device, product, material, fixture, form or type of construction by name, make or catalog number shall be interpreted as establishing a standard of quality and shall not be construed as limiting competition. In such cases the Contractor may, at his option, use any articles, device, product material fixture, form or type of construction that, in



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the judgment of the Town expressed in writing to all Bidders before opening of bids as an addendum, is an acceptable substitute to the specified.

3. Substitution During Bid Time: Whenever any particular brand or make of material or apparatus is called for in the Specifications, a Bidder's Proposal must be based upon such material or apparatus, or upon a brand or make which has been specifically approved as a substitution in an Addendum issued to all Bidders during the bidding time.
4. The intent is that the brand or make of material or apparatus that is called for herein establishes a standard of excellence that, in the opinion of the Consultant and Engineer, is necessary for this particular project.
5. Substitution After Bid Opening: No substitutions will be considered after bids have been opened unless necessary due to strikes, lockouts, bankruptcy or discontinuance of manufacture, etc.. In such cases, the Contractor shall apply to the Town, in writing within ten (10) days of his realizing his inability to furnish the article specified, describing completely the substitution he desires to make.

#### **EXTRAS**

Except as otherwise herein provided, no charge for any extra work or material will be allowed unless the Town Manager has ordered the same, in writing.

#### **GUARANTEE OF WORK**

1. Except as otherwise specified, all work shall be guaranteed by the Contractor against defects resulting from the use of inferior materials, equipment or workmanship for one (1) year from the Date of Final Acceptance.
2. Make good any work or material, or the equipment and contents of said building or site disturbed in fulfilling any such guarantee.
3. In any case, wherein fulfilling the requirements of the Contract or of any guarantee, should the Contractor disturb any work guaranteed under another contract, the Contractor shall restore such disturbed work to a condition satisfactory to the Town Manager. And guarantee such restored work to the same extent as it was guaranteed under such other contracts.
4. If the Contractor, after notice, fails to proceed promptly to comply with the terms of the guarantee, the Town of Seabrook may have the defects corrected and the Contractor shall be liable for all expense incurred.
5. All special guarantees applicable to definite parts of the work that may be stipulated in the Specifications or other papers forming a part of the Contract shall be subject to the terms of this paragraph during the first year of the life of such special guarantee.



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**DEFAULT AND TERMINATION OF CONTRACT**

If the Contractor:

1. Fails to begin work under Contract within the time specified in the notice to proceed; or
2. Becomes insolvent or has declared bankruptcy, or commits any act of bankruptcy or insolvency;  
or
3. Makes an assignment for the benefit of creditors; or
4. For any other causes whatsoever, fails to carry on the work in an acceptable manner the Town of Seabrook will give notice, in writing, to the Contractor for such delay, neglect, and default.

If the Contractor does not proceed in accordance with the Notice, then the Town of Seabrook will have full power and authority without violating the Contract to take the prosecution of the work out of the hands of the Contractor. The Town of Seabrook may enter into an agreement for the completion of said Contract according to the terms and conditions thereof, or use such other methods as in the Town's opinion will be required for the completion of said Contract in an acceptable manner.

All extra costs and charges incurred by the Town of Seabrook as a result of such delay, neglect or default, together with the cost of completing the work under the Contract will be deducted from any monies due or which may be come due to said Contractor. If such expenses exceed the sum which would have been payable under the contract, then the Contractor shall be liable and shall pay to the Town of Seabrook the amount of such excess.

Approved by:

\_\_\_\_\_  
William M. Manzi III                      1/12/16  
Town Manager

### BID SPECIFICATION

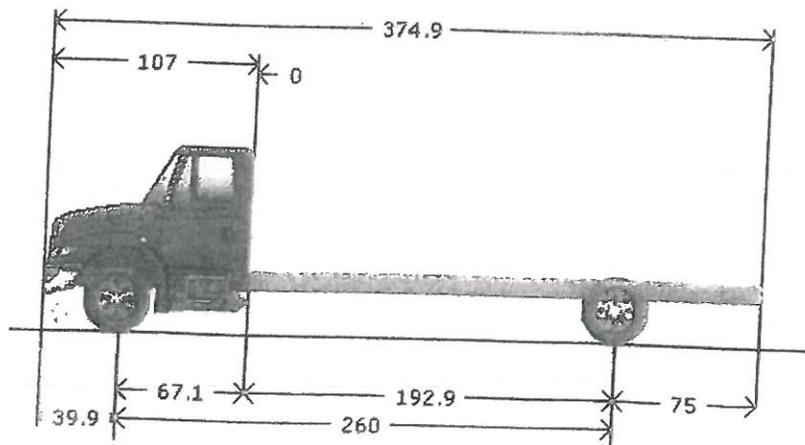
**BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING  
IF NOT COMPLIANT, STATE SPECIFICALLY ITEM BEING OFFERED**



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All extra costs and charges incurred by the Town of Seabrook as a result of such delay, neglect or default, together with the cost of completing the work under the contract will be deducted from any monies due or which may become due to said Contractor. If such expenses exceed the sum which would have been payable under the contract, then the Contractor shall be liable and shall pay to the Town of Seabrook the amount of such excess.

#### SPECIFICATIONS Truck Cab and Chassis Recycle Truck



**Model Profile  
Current International 4400 4 X 2 (MA035) or Equal**

**Bid Specification  
Recycle Truck**  
Bidder shall complete by checking the following  
if not compliant, state specifically item being offered

**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
<b>MISSION:</b>			
Requested GVWR: 35000 Calc. GVWR: 35000	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BODY DIMENSIONS:</b>			
Wheelbase: 260.00, CA: 192.90, Axle to Frame: 75.00	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>ENGINE DIESEL:</b>			
International DT466 High Torque 285 HP, 800lb – ft torque @ 1400 RPM governed Speed #2 bell housing engine shut down automatic with, 30 second delay.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>TRANSMISSION, AUTOMATIC:</b>			
{Allison 3500_RDS_P} current generation; wide ratio, 5-speed, with overdrive on/off hwy; includes oil level sensor, with PTO provision, less retarder with 80,000-lb GVW & GCW Max	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>CLUTCH</b>			
Omit item (clutch and control)	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>AXLE, FRONT NON-DRIVING:</b>			
{Meritor MFS-12-122A} I-Beam type, 12,000-lb Capacity.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>AXLE, REAR, SINGLE:</b>			
{Meritor RS-23-160} Single Reduction, 23,000-lb Capacity, with 200 Wheel ends gear Ratio 5.63.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>CAB:</b>			
Conventional with passenger side stand up conversion and bus type door on passenger side.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>TIRE, FRONT:</b>			
(2) 11R22.5 G661 HAS (GOODYEAR) 497 rev/mile, load range G, 14 ply	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>TIRE, REAR:</b>			
(4) 11R22.5 G622 HAS (GOODYEAR) 497 rev/mile, load range G, 14 ply	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>SUSPENSION, RR, SPRING:</b>			
Vari-Rate; 31,000-lb Capacity; Includes (3) Torque Rods	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>PAINT:</b> Blue Premium 6768	<input type="checkbox"/>	<input type="checkbox"/>	_____

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**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
Base Chassis Model 4400 4x2 with 260.00 Wheelbase, 192.90 CA, and 75.00 Axle to Frame.	<input type="checkbox"/>	<input type="checkbox"/>	_____
TOW HOOK, FRONT (2) Frame Mounted	<input type="checkbox"/>	<input type="checkbox"/>	_____
FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250 x 3.610" x 0.375" (260.4mm x 91.7mm); 456.0 (11582mm) Maximum OAL	<input type="checkbox"/>	<input type="checkbox"/>	_____
LICENSE PLATE HOLDER includes Upper and Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper	<input type="checkbox"/>	<input type="checkbox"/>	_____
BUMPER, FRONT full width, Aerodynamic, Chrome Plated steel;	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes:</u>	<input type="checkbox"/>	<input type="checkbox"/>	_____
WHEELBASE RANGE 256" (650cm) Through and Including 311" (790cm)	<input type="checkbox"/>	<input type="checkbox"/>	_____
AXLE, FRONT NON-DRIVING {Meritor MFS-12-122A} I-Beam Type, 12,000-lb Capacity	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Notes</u>	<input type="checkbox"/>	<input type="checkbox"/>	_____
The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension.	<input type="checkbox"/>	<input type="checkbox"/>	_____
SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 12,000-lb Capacity; with shock absorbers.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BRAKE SYSTEM:</b> Air Dual System for straight truck application includes: Air compressor air supply line naturally – aspirated	<input type="checkbox"/>	<input type="checkbox"/>	_____
Brake chambers, spring (2) rear parking	<input type="checkbox"/>	<input type="checkbox"/>	_____
Drain valve twist type mounted in wet tank	<input type="checkbox"/>	<input type="checkbox"/>	_____
Brake gauge air pressure Air 1 and Air 2 gauges located in instrumental panel.	<input type="checkbox"/>	<input type="checkbox"/>	_____
Parking and brake valve located in instrument panel	<input type="checkbox"/>	<input type="checkbox"/>	_____
Slack Adjusters – Front automatic	<input type="checkbox"/>	<input type="checkbox"/>	_____
Slack Adjusters – Rear automatic	<input type="checkbox"/>	<input type="checkbox"/>	_____
Spring brake modular valve	<input type="checkbox"/>	<input type="checkbox"/>	_____
Air brake ABS (Bendix Antilock Brake System)	<input type="checkbox"/>	<input type="checkbox"/>	_____
Air Dryer (Meritor-Wabco System Saver 1200)	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
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**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
Brakes Front Air Cam 15.0 x 4.0"	<input type="checkbox"/>	<input type="checkbox"/>	_____
Brakes Rear Air Cam 16.5 x 7.0"	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>AIR COMPRESSOR:</b> Bendix 13.2 CFM capacity	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>STEERING COLUMN:</b> Tilting	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>STEERING WHEEL:</b> 2 Spoke 18" Diameter Black	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>STEERING GEAR</b> (Sheppard M-100) Power	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>EXHAUST SYSTEM: Single</b> Horizontal stainless steel muffler with internal catalytic converter. Vertical bright chrome tail pipe includes bright stainless steel tail pipe guard. Frame mounted right side	<input type="checkbox"/>	<input type="checkbox"/>	_____
Muffler/Tail Pipe Guard Non-Bright Finish	<input type="checkbox"/>	<input type="checkbox"/>	_____
Tail Pipe (1) Turn back Type, Non-Bright for Single Exhaust	<input type="checkbox"/>	<input type="checkbox"/>	_____
MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	<input type="checkbox"/>	<input type="checkbox"/>	_____
EXHAUST HEIGHT 11'6"	<input type="checkbox"/>	<input type="checkbox"/>	_____
SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, ON/OFF Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in ON Position	<input type="checkbox"/>	<input type="checkbox"/>	_____
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> BATTERY BOX Steel	<input type="checkbox"/>	<input type="checkbox"/>	_____
DATA LINK CONNECTION for vehicle Programming and Diagnostics in Cab	<input type="checkbox"/>	<input type="checkbox"/>	_____
FUSES, ELECTRICAL SAE Blade – Type	<input type="checkbox"/>	<input type="checkbox"/>	_____
HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>ELECTRICAL SYSTEM:</b> 12-volt standard equipment includes a data link connector for vehicle programming and diagnostics in cab fuses, electrical SAE blade type.	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
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**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
<b>BACK-UP ALARM:</b> Electrical	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>HORN:</b> Electrical Single Trumpet, Air Solenoid Operated (Grover)	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>PARKING LIGHT:</b> Integral with front turn signal and rear taillight.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>STARTER SWITCH:</b> Electric Key Operated	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>STOP, TURN, TAIL &amp; B/U LIGHTS:</b> Dual rear combination with reflector	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>TURN SIGNAL SWITCH:</b> Self-canceling, head light dimmer	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>WINDSHIELD WIPER:</b> Integral with turn signal lever switch: 2-speed with wash & intermittent features. <i>Note: Automatic headlights on when wipers on.</i>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>WIRING:</b> Chassis color coded and continually numbered.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>POWER SOURCE:</b> Cigar type receptacle without plug & card	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>ALTERNATOR:</b> Bosch LH160 Brush Type 12 volt 160 amp capacity, pad mount.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BODY BUILDER WIRING:</b> Includes sealed connectors for tail/amber – turn makers/backup/accessory.	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BATTERY SYSTEM:</b> Maintenance Free (3) 12 volt 2775CGA	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>RADIO:</b> AM/FM with weather band and clock	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>JUMP START STUD:</b> Remote mounted	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>HEADLIGHTS:</b> Halogen for two light system includes daytime running lights. <i>Note: Auto on when wipers activated.</i>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>STARTING MOTOR: 12 volt {Mitsubishi Electric Automotive America 105P}</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>with soft start LIGHTS</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Test exterior lights pre-trip inspection will Cycle all exterior lamps except back-up lights	<input type="checkbox"/>	<input type="checkbox"/>	_____
INDICATOR, LOW COOLANT LEVEL with audible alarm	<input type="checkbox"/>	<input type="checkbox"/>	_____
GRILLE Chrome	<input type="checkbox"/>	<input type="checkbox"/>	_____

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**Vehicle Specifications  
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<u>Description</u>	Yes	No	Offered
FRONT END Tilting, Fiberglass with three piece construction	<input type="checkbox"/>	<input type="checkbox"/>	_____
PAINT SCHEMATIC, PT-1 Single Color, Design 100 Blue	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u>			
PAINT SCHEMATIC ID LETTERS "GA"	<input type="checkbox"/>	<input type="checkbox"/>	_____
PAINT TYPE Base Coat/Clear Coat 1-2 Tone	<input type="checkbox"/>	<input type="checkbox"/>	_____
PAINT CLASS Premium Color	<input type="checkbox"/>	<input type="checkbox"/>	_____
CLUTCH Omit item (Clutch & Control)	<input type="checkbox"/>	<input type="checkbox"/>	_____
BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u>			
BLOCK HEATER SOCKET Receptacle Type: Mounted below Drivers Door	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u>			
AIR COMPRESSOR AIR SUPPLY LINE Naturally- Aspirated (Air Brake Chassis Only)	<input type="checkbox"/>	<input type="checkbox"/>	_____
ANTI-FREEZE Red Shell Rotella Extended Life Coolant; -40 Degrees F/-40 Degrees C; for Maxx Force Engines	<input type="checkbox"/>	<input type="checkbox"/>	_____
COLD STARTING EQUIPMENT intake manifold Electric Grid Heater with Engine ECM Control	<input type="checkbox"/>	<input type="checkbox"/>	_____
CRUISE CONTROL Electronic; Controls Integral to Steering Wheel	<input type="checkbox"/>	<input type="checkbox"/>	_____
ENGINE OIL DRAIN PLUG Magnetic	<input type="checkbox"/>	<input type="checkbox"/>	_____
ENGINE SHUTDOWN Electric, Key Operated	<input type="checkbox"/>	<input type="checkbox"/>	_____
FUEL FILTER included with Fuel/Water Separator	<input type="checkbox"/>	<input type="checkbox"/>	_____
FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a single assembly; with Water-in-Fuel Sensor; engine mounted	<input type="checkbox"/>	<input type="checkbox"/>	_____
GOVERNOR Electronic	<input type="checkbox"/>	<input type="checkbox"/>	_____
OIL FILTER, ENGINE Spin-on Type	<input type="checkbox"/>	<input type="checkbox"/>	_____
WET TYPE CYLINDER SLEEVES	<input type="checkbox"/>	<input type="checkbox"/>	_____

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**Vehicle Specifications  
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<u>Description</u>	Yes	No	Offered
Notes:	<input type="checkbox"/>	<input type="checkbox"/>	_____
Recommend Code 12 THT when using front mount obstructions (winches, cones, reels, etc) that restrict air flow through the radiator.	<input type="checkbox"/>	<input type="checkbox"/>	_____
FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> FAN Nylon	<input type="checkbox"/>	<input type="checkbox"/>	_____
RADIATOR Aluminum 2-Row Cross Flow, over under system, 817 Sqin Louvered, with 262 Sqin CAC, with Tank Oil Cooler, with 270 square inch charge air cooler, 4.25" core	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> DEAERATION SYSTEM with Surge Tank	<input type="checkbox"/>	<input type="checkbox"/>	_____
HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps	<input type="checkbox"/>	<input type="checkbox"/>	_____
FEDERAL EMISSIONS FOR 2010; MaxxFace DT Engines	<input type="checkbox"/>	<input type="checkbox"/>	_____
AIR CLEANER with Service Protection Element,	<input type="checkbox"/>	<input type="checkbox"/>	_____
ANTI FREEZE Shell Rotella Extended Life Coolant - 40°F	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted	<input type="checkbox"/>	<input type="checkbox"/>	_____
Throttle, Hand Control Engine speed control for PTO; Electronic, Stationary Pre-Set, Two speed settings; Mounted on Steering Wheel	<input type="checkbox"/>	<input type="checkbox"/>	_____
ENGINE CONTROL REMOTE MOUNTED Provision for; Includes wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for MaxxFace post 2007 Emissions Electronic Engines	<input type="checkbox"/>	<input type="checkbox"/>	_____
FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	<input type="checkbox"/>	<input type="checkbox"/>	_____
OBD COMPLIANCE for 2013 OBD	<input type="checkbox"/>	<input type="checkbox"/>	_____
AUTOMATIC NEUTRAL Allison WT, 3000 & 4000 Series Transmission Shifts to Neutral When Parking Brake is Engaged	<input type="checkbox"/>	<input type="checkbox"/>	_____
OIL FILTER TRANSMISSION Mounted on Transmission	<input type="checkbox"/>	<input type="checkbox"/>	_____
TRANSMISSION OIL PAN Magnet in Oil Pan	<input type="checkbox"/>	<input type="checkbox"/>	_____
TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 3000 & 4000 Series Transmission	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
if not compliant, state specifically item being offered**

**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) Front Loaders, Rear Loaders, Recycling/Packer Trucks	<input type="checkbox"/>	<input type="checkbox"/>	_____
SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary	<input type="checkbox"/>	<input type="checkbox"/>	_____
AXLE REAR, SINGLE {Meritor S-23-160} Single Reduction, 23,000-lb Capacity, with 200 Wheel Ends, Gear Ratio:5.63	<input type="checkbox"/>	<input type="checkbox"/>	_____
Includes: REAR AXLE DRAIN PLUG (1) Magnetic, For single Rear Axle	<input type="checkbox"/>	<input type="checkbox"/>	_____
SUSPENSION, RR, SPRING, SINGLE Vari-Rate 31,000-lb Capacity; Includes (3) Torque Rods.	<input type="checkbox"/>	<input type="checkbox"/>	_____
FUEL/WATER SEPARATOR with Filter Restriction/Change Indicator, Includes Standard Equipment Water-in Fuel Sensor	<input type="checkbox"/>	<input type="checkbox"/>	_____
FUEL TANK To Draw; D Style, Non Polished Aluminum, 19" Deep, 70 U.S. Gal., 265 L Capacity with Quick Connect Outlet, Mounted Right Side, Under Cab	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> ARM REST Molded Plastic	<input type="checkbox"/>	<input type="checkbox"/>	_____
CLEARANCE/MARKER LIGHTS (5) Flushed Mounted	<input type="checkbox"/>	<input type="checkbox"/>	_____
COAT HOOK, CAB located on rear wall, Centered Above Rear Window	<input type="checkbox"/>	<input type="checkbox"/>	_____
CUP HOLDERS Two Cup Holders located in lower center of instrumental panel	<input type="checkbox"/>	<input type="checkbox"/>	_____
DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at light lens, timed theater dimming, integral to console center mounted.	<input type="checkbox"/>	<input type="checkbox"/>	_____
GLASS, ALL WINDOWS tinted	<input type="checkbox"/>	<input type="checkbox"/>	_____
GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted Passenger Side	<input type="checkbox"/>	<input type="checkbox"/>	_____
GRAB HANDLE CAB INTERIOR (2) Front of "B" Pillar Mounted, one each side	<input type="checkbox"/>	<input type="checkbox"/>	_____
INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color	<input type="checkbox"/>	<input type="checkbox"/>	_____
SEAT, PASSENGER Omit Item Add Fold Down Transporting Type	<input type="checkbox"/>	<input type="checkbox"/>	_____
GAUGE CLUSTER English with Metric Electronic Speedometer	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> GAUGE CLUSTER (5) Engine Oil Pressure (Electronic) Water Temperature (Electronic), Fuel(Electronic) , Tachometer (Electronic) & Voltmeter	<input type="checkbox"/>	<input type="checkbox"/>	_____
ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout	<input type="checkbox"/>	<input type="checkbox"/>	_____
WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and low battery voltage (visual and audible)	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
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**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
GAUGE, OIL TEMP, ALLISION TRAN	<input type="checkbox"/>	<input type="checkbox"/>	_____
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	<input type="checkbox"/>	<input type="checkbox"/>	_____
SEAT DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar with 2 position front cushion adjust, -3 to +14 degree angle back adjust	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> SEAT BELT 3 point lap and shoulder belt type	<input type="checkbox"/>	<input type="checkbox"/>	_____
MIRRORS {Lang Mekra} Rectangular, 7.44 x 14.84 & 7.44" sq Convex Both sides, 102" inside spacing, breakaway type, heated heads thermostatic controlled, black heads, brackers and arms.	<input type="checkbox"/>	<input type="checkbox"/>	_____
AIR CONDITIONER {Blend Air} with integral heater and defroster	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes</u> HEATER HOSE Premium	<input type="checkbox"/>	<input type="checkbox"/>	_____
HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps	<input type="checkbox"/>	<input type="checkbox"/>	_____
REFRIGERANT Hydrofluorocarbone HFC-134A	<input type="checkbox"/>	<input type="checkbox"/>	_____
CAP SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator	<input type="checkbox"/>	<input type="checkbox"/>	_____
Notes: Feature included with CAB INTERIOR TRIM Premium	<input type="checkbox"/>	<input type="checkbox"/>	_____
INSTRUMENTAL PANEL Center Section , Flat Panel	<input type="checkbox"/>	<input type="checkbox"/>	_____
CAB INTERIOR TRIM Deluxe	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Includes:</u> "A" PILLAR COVER Molded Plastic	<input type="checkbox"/>	<input type="checkbox"/>	_____
CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered.	<input type="checkbox"/>	<input type="checkbox"/>	_____
CONSOLE OVERHEAD Molded Plastic, with Dual storage pockets with Retainer Nets and CB Radio Pocket	<input type="checkbox"/>	<input type="checkbox"/>	_____
DOOR TRIM PANELS Molded Plastic; Drive and Passenger Doors	<input type="checkbox"/>	<input type="checkbox"/>	_____
FLOOR COVERING Rubber, Black	<input type="checkbox"/>	<input type="checkbox"/>	_____
HEADLINE soft padded cloth	<input type="checkbox"/>	<input type="checkbox"/>	_____
INSTRUMENTAL PANEL TRIM Molded Plastic with Black Center Section	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
if not compliant, state specifically item being offered**

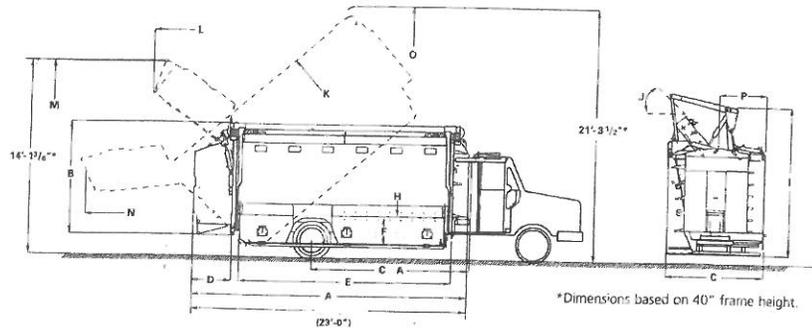
**Vehicle Specifications  
Current International 4400 4x2 (MA035) or Equal**

<u>Description</u>	Yes	No	Offered
STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door	<input type="checkbox"/>	<input type="checkbox"/>	_____
SUN VISOR (2) Padded Vinyl with driver side toll ticket strap, Integral to console	<input type="checkbox"/>	<input type="checkbox"/>	_____
WHEELS, FRONT DISC; 22.5" Painted Steel, 5 Hand Hole, 10-stud (285.75MM BC) hub piloted flanged nut, metric mount, 8.25 DC Rims; with .472 thick increased Capacity Disc and Steel Hubs. <u>Includes:</u> PAINT INDENTITY, FRONT WHEELS White	<input type="checkbox"/>	<input type="checkbox"/>	_____
<u>Notes</u> Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/75R22.5, 295/80R22.5	<input type="checkbox"/>	<input type="checkbox"/>	_____
WHEELS REAR DUAL DISC: 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut wit steel hubs include wheel seals, front grease lube wheel seals: front (Dana Spicer Out Runner) <u>Includes:</u> PAINT INDENTITY, REAR WHEELS White	<input type="checkbox"/>	<input type="checkbox"/>	_____
Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/75R22.5, 295/80R22.5	<input type="checkbox"/>	<input type="checkbox"/>	_____
WHEEL SEALS, FRONT {International} Oil-Lubricated Wheel Bearings	<input type="checkbox"/>	<input type="checkbox"/>	_____
(4) TIRE, REAR 11R22.5 G622 RSD (MICHELINA) 497 rev/mile, load range G, 14 Ply	<input type="checkbox"/>	<input type="checkbox"/>	_____
(2) TIRE, REAR 11R22.5 G661 hsa (MICHELINA) 497 rev/mile, load range G, 14 Ply	<input type="checkbox"/>	<input type="checkbox"/>	_____
MUD FLAPS: FRONT & REAR	<input type="checkbox"/>	<input type="checkbox"/>	_____

## BID SPECIFICATION

**BIDDER SHALL COMPLETE BY CHECKING THE FOLLOWING  
IF NOT COMPLIANT, STATE SPECIFICALLY ITEM BEING OFFERED**

**SPECIFICATIONS Double sided Recycle Truck Body with cardboard rear mounted "Cardboard Gate" body to have 6 split compartments and double sided body loading capability.**



**Model Profile Walinga 23 ft  
2016 Recycling Truck Body or Equal**

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
if not compliant, state specifically item being offered**

**Vehicle Specifications**

**2016 Double Sided Recycle Truck Body with cardboard rear mounted "card board gate" body to have 6 split compartments and double sided body loading capability**

<u>Description</u>	Yes	No	Offered
<b>To Current ANSI Specifications</b>			
Base Length 23 FT	<input type="checkbox"/>	<input type="checkbox"/>	_____
Width Exterior: Standard 102 inches	<input type="checkbox"/>	<input type="checkbox"/>	_____
Width Interior: Double Side Unit 1 Approximately 86 – ¾ at top and 56' at bottom	<input type="checkbox"/>	<input type="checkbox"/>	_____
Height: Interior: standard = 80" approximately	<input type="checkbox"/>	<input type="checkbox"/>	_____
Height: sidewall: 84" approximately (top of floor to top of roof)	<input type="checkbox"/>	<input type="checkbox"/>	_____
Height: Exterior: <i>Mechanical Operated Bucket System</i> Transport = 12'4; Bucket up = 15'11.25" (based on Chassis Height of 39")	<input type="checkbox"/>	<input type="checkbox"/>	_____
Overall HEIGHT Limitation: SPECIFY: FT/Inch 13'6" (13'6" is MAX)	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>PLATFORM</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<ul style="list-style-type: none"> <li>• All Steel Understructure</li> <li>• 3/16' Thick floor sheets</li> <li>• 8" (High) Trapezoidal LongSills</li> <li>• H.D. Front and Rear, Full Width Cross Members</li> <li>• 3/16"WearStrips on Bottom of LongSills</li> </ul>			
<b>SIDES</b>			
<ul style="list-style-type: none"> <li>• 1" Thick Fiberglass Reinforced Plywood (FRP) Panels</li> <li>• 84" High (Standard)</li> <li>• Re-Inforced &amp; Sealed in a Steel Frame</li> <li>• Fastened around perimeter with Bolts</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>SIDE PORTS:</b> Meshed Screening: <u>CURB</u> side of body			
<ul style="list-style-type: none"> <li>• Standard = 6 ports</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>SIDE PORTS:</b> Meshed Screening: <u>DRIVERS</u> side of body			
<ul style="list-style-type: none"> <li>• Standard = 6 ports</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
if not compliant, state specifically item being offered**

**Vehicle Specifications**

**2016 Double Sided Recycle Truck Body with cardboard rear mounted "card board gate" body to have 6 split compartments and double sided body loading capability**

<u>Description</u>	Yes	No	Offered
<b>FRONT</b>			
<ul style="list-style-type: none"> <li>• Formed and Welded 10ga Front Panels</li> <li>• Recessed Hoist Nest for Front Mounted Tipping Cylinder</li> <li>• Sloped Roof Section to Reduce Wind Drag</li> <li>• Ladder: On Front, on drivers side (1) each</li> <li>• Cross-walk over cab (1) each</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>ROOF</b>			
<ul style="list-style-type: none"> <li>• Formed 10 ga. Steel, partial open roof</li> <li>• Roof lid: 47" wide (approx)</li> <li>• Reinforced Opening to allow for dumping of side bucket</li> <li>• Lid opens hydraulically (3" Dia x 16" Stroke), in conjunction with raising bucket mechanism.</li> <li>• Roof Safety Prop (2 each)</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>DIVIDERS: Standard, with Air Operated Lock/Release (4 each)</b>			
(Air Cylinder, lines and control in cab)	<input type="checkbox"/>	<input type="checkbox"/>	_____
<ul style="list-style-type: none"> <li>• One piece, with man door</li> <li>• 2 sets of locking pins (top/bottom)</li> <li>• Includes Overhead side track and bottom track</li> <li>• Locations: Start 18" from Front, then on 12" Centers</li> <li>• Divider Rollers ilo Std. sliders (for upper track) (4)</li> <li>• Wind deflectors (vinyl) 4 each</li> </ul>			
<b>LOADING BUCKET: Mechanically Operated (1) unit</b>			
<ul style="list-style-type: none"> <li>• Operates in conjunction with Hydraulically Operated Lid</li> <li>• 3.5 x 24-3/4" Cylinders Power Lifting Linkage</li> <li>• 6" OD x 5.5" ID DOM torque Tube Equalizes Forces</li> <li>• Bucket is 16" Wide: Full Length of Body less 2 feet</li> <li>• 46" Loading Height (approx)</li> <li>• Lifting Capacity: to 2,000 lbs</li> <li>• Cycle Time: 15-18 seconds</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>2<sup>ND</sup> BUCKET CONTROL</b>			
Mounted away from Bucket, on rear bustle 1 Assembly	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BUCKET DIVIDER – with spring Loaded Pin Lock (4 each)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BUCKET DIVIER LOCATIONS: Match Body Dividers (Unit 1)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BUCKET UP BRAKE LOCK (Assembly 1)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>BLUE BOX HOLDERS ( 1 pair pr blue box) Pair 5</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>DOUBLE SIDED BODY (Second bucket – Drivers side) Assembly 1</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____

**Bid Specification  
Recycle Truck  
Bidder shall complete by checking the following  
if not compliant, state specifically item being offered**

**Vehicle Specifications**

**2016 Double Sided Recycle Truck Body with cardboard rear mounted "card board gate" body to have 6 split compartments and double sided body loading capability**

<u>Description</u>	Yes	No	Offered
<b>BUSTLE TAIL GATE: 7 YARD w/Cardboard Section</b>			_____
• Gates are full opening: Hydraulically Operated	<input type="checkbox"/>	<input type="checkbox"/>	
• Controls on Rear and in Cab.			
• Cut-Outs in Bustle, for 3 Tail-lights per side			
<b>HOIST: 23 Foot Unit: Capacity: Approx 20 ton (unit 1)</b>			_____
• <b>Model # 170-5.5-4</b>	<input type="checkbox"/>	<input type="checkbox"/>	
• Front Mount, Recessed into Front Wall			
• Control located in Cab.			
<b>HYDRAULICS:</b>			_____
• Front Mount, Crank Shaft Driven, Dry Valve Pump or constant Mesh PTO with dry valve pump	<input type="checkbox"/>	<input type="checkbox"/>	
• Air Operated ON-OFF Switch in conjunction with Park/Neutral position of transmission			
• Air Operated Hydraulic Bucket Controls: In Cab			
• Return Line Filter, w/Gate Valve, Installed at Reservoir			
• Hydraulic Tubes Fastened to Chassis			
• Hoses: High Grade 3,000 PSI = Standard			
<b>RESERVOIR – Hydraulic Oil</b>			_____
• 30 Gal, Alum., Rectangular, Side Mount (170) 1 each	<input type="checkbox"/>	<input type="checkbox"/>	
<b>OIL – Hydraulic: Walinga Spec 170 Liters</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>HOT SHIFT PTO with Direct Drive Pump 1 each</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>MUD FLAPS 1 unit</b>			_____
• One pair installed on DS	<input type="checkbox"/>	<input type="checkbox"/>	
• ¼ flap installed at Front Guide Mechanism			
<b>BUMPER, Rear: I.C.C.</b>			_____
• Loop Step at Rear D. Side, to ease access into body	<input type="checkbox"/>	<input type="checkbox"/>	
<b>BODY PROP: Twin Post</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>HOLDER/HANGER, Broom/Shovel (at front of body)</b>			_____
• Broom	<input type="checkbox"/>	<input type="checkbox"/>	
• Shovel			
<b>ELECTRICAL 12 VOLT STANDARD</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>LIGHTING: LED truck-light sealed system</b>			_____
• Tail Light Configuration: <u>Red/Red/Clear</u>	<input type="checkbox"/>	<input type="checkbox"/>	
• In addition to Factory stop/Turn/Tail Lights			
<b>T/LIGHTS, LED: Red/Red: S/T/T on Top of Bustle (2 pair) (In addition to Standard Mount Lamps)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____

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Recycle Truck  
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**Vehicle Specifications**

**2016 Double Sided Recycle Truck Body with cardboard rear mounted "card board gate" body to have 6 split compartments and double sided body loading capability**

<u>Description</u>	Yes	No	Offered
<b>FLASHING SAFETY LIGHTS</b>			
• Front & Rear Mount: LED, Amber, Dual Alternating (1 Kit)	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>LIGHTS – BUCKET: SICAB: 4" Rnd Led, Die Cast Alum (558041) 2 each 1 @ Front, Rear Facing, 1 @ Rear Forward Facing</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>FLASHER, STROBE: Amber: (17550)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>ALARM BACK UP</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>WARNING/LIGHT: Body up/ Bustle Open/ Bucket Up</b>			
• Light and buzzer in Cab	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>FLASHER, MUTLI-LIGHT: 6 LED Lights, on Bustle (1 kit)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>CAMERA SYSTEM (cc) ONE CAMERA, ONE MONITOR</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>FINISH:</b>			
• Chassis and Equipment: Paint Black (if other specify color and code on Notes Page)	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Body:</b> One Color Poly-Urethane: Hoist: Match Body Specify Color: Blue	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Body Rust Proofing</b> (Underside of body and bucket)	<input type="checkbox"/>	<input type="checkbox"/>	_____
<b>GENERAL MISC.</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>INSTALL ADDITIONAL leaf spring(s) on CS</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Mirrors:</b> Bus Boy: Heated	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>FIRE EXTINGUISHER:</b> 5 LB	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>TRIANGLE Warning Kit (3 pcs.)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>CAB to Current ANSI Specification</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Conversion: Standard double side</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Key to be "reachable" from Curb Side</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Extend View Area to Accommodate Stand-Up Operation</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____

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Recycle Truck  
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**Vehicle Specifications**

**2016 Double Sided Recycle Truck Body with cardboard rear mounted "card board gate" body to have 6 split compartments and double sided body loading capability**

<u>Description</u>	Yes	No	Offered
• <b>24" Wide Sliding Door: Door open safety belt</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Step in Height of Conversion to be Maximum 18"</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Complete Dual Drive Controls on Curb side of Cab</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Control console between left seat and conversion area</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Required controls, gauges and accessories</b> Digital Dash Display; Air, Oil, Water, Speedometer Hi Beam Indicator Light Horn; wipers/washers Parking Brake Air Toggle Switch @ CS door dash	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>All switches ad valve bodies installed inside cab</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Cover over brake controls</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Fold down seat, back rest and retractable seat belt</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Hi-Flow Heater ducting down to floor level</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Factory supplied west coast mirrors reinstalled to cab</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>8" Diameter Convex Mirrors installed on Front Fenders</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Mudflap behind Curb Side Front Wheel</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Cab extension insulated and painted to match existing</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>2" Fold down riser (1 each)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Butt Rest (1 each)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____
• <b>Mirrors: Bus Boy: Heated (Up-Grade from Std. 8" Convex. ( 1 pair)</b>	<input type="checkbox"/>	<input type="checkbox"/>	_____

## SPECIFICATIONS

### BODY

Body Floor:	3/16" (4.8 mm)
Side Wall:	1" FRP (fiberglass reinforced plywood) (25.4 mm)
Roof:	10 ga (3.4 mm)
Roof lid:	12 ga (2.7 mm)
Front Wall:	10 ga (3.4 mm)
Bustle Tailgate:	side panel 10 ga (3.4 mm) rear panel 14 ga (1.9 mm)
Bucket:	12 ga (2.7 mm)
Body Partition:	14 ga (1.9 mm)

## DUMP

### BODY LENGTH 23'

Stroke 170" (4318 mm)  
Bore 5.5" (140 mm)  
Stage 4

Hydraulic Tank:	30 US Gal. (114 liters)
Filter:	10 micron on return line
Pressure:	2100 psi max (143 bars)

## DIMENSIONS

**Unit length = 23' - 0" (7.0 m)**  
**Volume - 42 cu yd - 32.15 m<sup>3</sup>**  
**Plus bustle tailgate - 7 cu yd**  
**Bucket volume = 61 cu ft (18.6 cu meter)**

A	Length	317"	8052 mm
B	Height	105 ¼"	2673 mm
C	Width	101 ¾"	2584 mm
D	Tailgate Length	41"	1041 mm
E	Bucket Length	246 3/8"	6258 mm
F	Bucket Depth	33"	838 mm
G	Bucket Width	16"	406 mm
H	Loading Height	46 13/16"	1189 mm
I	Height above frame	156 5/8"	3978 mm
J	Bucket dumping angle	51°	51°
K	Body dumping angle	38°	38°
L	Length - tailgate raised, body down	363 3/16"	9225 mm
M	Height above frame, tailgate raised, body down	170 9/16"	4332 mm
N	Body raised - tailgate raised overall length	437 ¾"	11119 mm
O	Height above frame dump position	232 9/16"	5907 mm
P	Distance- lid hinge to wall	57 5/8"	1464 mm
CA	Cab to axle	192"	4877 mm