

BOROUGH OF NORTHERN CAMBRIA
Department of Public Works
Manual Curbside Recycling Truck
INVITATION TO BID

REF #

Contact:

Dave Suchar
Street Commissioner
(814) 948-8230
May 20, 2002

GENERAL REQUIREMENTS

Intent:

It is the intent of this bid specification to describe one (1) heavy duty diesel powered conventional low profile cab, chassis, and curbside recycling truck. Also included is one (1) manual loading recycling body. All options shall be standard published options for the GVW rating. Bidder shall submit the latest printed specification for the unit bid. Units will be inspected for compliance with specifications upon delivery. Delivery date not to exceed 120 days after receipt of purchase order. Bidder shall also submit warranty papers, invoice, and bill of origin upon delivery. Statement of origin to read NORTHERN CAMBRIA BOROUGH, 1202 PHILADELPHIA AVENUE, NORTHERN CAMBRIA, PA.

DETAILED CHASSIS SPECIFICATIONS

Dimensions:

1. Minimum 33,000 lbs. GVW rating.
2. Cab-to-axle and wheel base shall meet specifications for manual recycling body bid.

Engine:

1. Minimum 230 hp turbo diesel.
2. Fuel/water separator.
3. 1,500 watt engine block heater.
4. Electronic speed governor.
5. Vertical exhaust with guard.

6. Engine shut down system with alarm, lights & buzzer, monitoring
7. High coolant temperature, low oil pressure and low coolant level.
8. Thermostat controlled engine fan.
9. Crankshaft PTO adaptor

Transmission:

1. 6 speed automatic with neutral-to-range inhibitor.
2. Transmission cooler.
3. Oil resistant transmission mounts.

Axles:

1. Front minimum 10,000 lbs. capacity with oil lubricated bearings with visible seals.
2. 10,000 lbs. capacity front suspension with shock absorbers.
3. Power steering with adjustable wheel/column.
4. Rear minimum 23,000 lbs. capacity, axle ratio for approximately 60-65 M.P.H. road speed.
5. 23,000 lbs. multi-leaf rear springs.

Brakes:

1. Full air brakes.
2. Minimum of 13.2 CFM air compressor.
3. Air dryer.
4. S cam brake 15"×4" front minimum 16.5"×7" rear minimum.
5. Spring-actuated parking brake with automatic slack adjusters.

Electrical:

1. Minimum 100 amp alternator.
2. Minimum of three maintenance free batteries (2000 CCA).
3. Circuit breakers.
4. Cigar lighter.

Chassis Equipment:

1. Frame minimum 50,000 PSI double channel.
2. Steel channel front bumper with grille guard.
3. Minimum 40 gal. fuel tank.

Wheels and Tires:

1. All steel Dayton-type wheels.
2. Rear 11R22.5 G14 tubeless radial on-off hwy tread.
3. Front tires shall comply with GVWR.

Cab:

1. Low profile cab with tilt hood.
2. Factory air conditioning, fresh air heater, defroster.
3. Tinted glass with dual intermittent wipers with washers.
4. Dual air horns, bright finish.
5. LH/RH arm rest and sun visors.

6. Dual west coast style mirrors with dual convex mirrors.
7. Air ride driver seat with standup right hand auxiliary drive.
8. All controls shall be accessible from either side.
9. Gauge package to include tachometer, air cleaner restrictor indicator, air pressure, voltmeter, fuel gauge, coolant temperature, speedometer, and transmission temperature gauge.

Additional:

1. Safety equipment to include reflector triangles, fire extinguishers and audible back-up alarm.
2. Bidder to furnish owners manual, maintenance service manual and parts book on unit bid.
3. Chassis to be equipped with military hitch, quick disconnect for trailer lights, and quick disconnect for electric trailer brakes.

Service and Parts:

1. Bidder shall satisfy the Borough of Northern Cambria purchasing agent that bidder has a facility suitable for repairs and maintenance, staffed with qualified service personnel.
2. Facility shall have provisions for stocking a representative supply of parts for unit bid.

Warranty:

1. Five-year bumper to bumper warranty.
2. Five-year warranty on power train and engine, 100% parts and labor.
3. All warranty work will be performed in Cambria County or adjacent counties. If warranty work is proposed outside of Cambria County or adjacent counties, vendor will certify Borough as an authorized warranty repair facility and Borough will be reimbursed for all parts and labor as covered by the warranty.

Paint:

1. Dupont # 93-6578 chrome yellow or equal.
2. National school bus yellow acceptable.

DETAILED RECYCLING BODY SPECIFICATIONS

Dimensions:

1. Dump body shall have a minimum capacity of 24 cubic yards and a minimum length of 20 feet. Maximum outside width is 8 feet.

Construction:

1. Main body frame shall be constructed of I-beams.
2. Body long sills shall be a minimum of 5" channel. Cross members shall be 3" channel.
3. Body floor to be constructed of a minimum 11 Ga. smooth, solid steel sheet (no weld seams) or 0.190" Aluminum.
4. Side posts are extruded aluminum and incorporate guidepost.

5. Compartment doors are made of 0.100" aluminum and are vertically adjustable with a minimum of 4 positions. Tracks are to extend the full length of the guidepost. All handles should be spring loaded.
6. Body to be equipped with rear door made of 0.100 aluminum or 16 Ga. steel with reinforced tubing and horizontal ribbing. Heavy-duty hinges shall be equipped with grease zerks. Door shall have a 2-point positive latching system.
7. Six (6) compartment dividers shall be constructed of 0.100" aluminum or 16 Ga. steel with reinforced tubing and horizontal ribbing. The compartment dividers shall be fully adjustable. A 2-point latching mechanism shall be operated from the driver's side.
8. As an option the truck shall be equipped with an overhead plastic cage with rear opening tailgate.
9. Body shall be equipped with fold down steps for convenient loading.
10. Body shall be equipped with ICC rear under ride guard bumper.

Hydraulic System:

1. Pump to be Commercial gear type, minimum 5 gpm @ 1,800 rpm.
2. Minimum 7.5 gallon oil reservoir with submerged suction filters.
3. Positive cut-off valves on both suction and return lines on tank.
4. High quality tubing and double wire braid hoses with minimum rating of 3,000 PSI shall be used throughout.

Power Source:

1. Hydraulic pump to be powered by Air Shift PTO.

Hoist:

1. Lifting capacity of the hoist shall be at least 25,000 pounds at 45-degree dump angle.
2. A heavy duty rear hinge assembly with greasable pins shall be furnished and installed with the body and hoist.
3. Body to be supplied with the following safety equipment:
 - a. Body props.
 - b. Mud flaps.
 - c. Safety decals as required by OSHA and NTEA.

Lighting:

1. Body shall be equipped with all lights and reflectors in accordance with FMVSS-108.

Throttle Control:

1. Throttle to be controlled from the operator's station.

Warranty:

1. Five year warranty on all hydraulic cylinders.
2. Body shall have three year warranty covering structural damage, 100% parts and labor.

3. All warranty work will be performed in Cambria County or adjacent counties. If warranty work is proposed outside of Cambria County or adjacent counties, vendor will certify Borough as an authorized warranty repair facility and Borough will be reimbursed for all parts and labor as covered by the warranty.

Paint:

1. Unit shall be cleaned of all oil residue, dirt and weld slag.
2. Dupont # 93-6578 chrome yellow or equal.
3. National school bus yellow acceptable.

BID RESPONSE

Manual Curbside Recycling Truck

PRINT COMPANY NAME: _____

ITB #(BID #)

Item No	Qty	Unit	Description	Unit Price	Extended Price
1.	1	Ea.	<p>Diesel Powered Cab and Chassis, as specified.</p> <p>Make and Model of Cab and Chassis:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Body offered: _____</p> <p>Anticipated number of calendar days after receipt of Purchase Order until delivery to Borough Public Works. _____ days</p>	\$	\$
2.	1	Ea.	<p>Recycling Body, as specified.</p> <p>Make, Model and Body offered _____.</p> <p>Body Capacity: _____</p> <p>Body Length: _____</p> <p>Body Width: _____</p> <p>Body Height: _____</p> <p>Minimum Loading Height: _____</p> <p>Maximum Loading Height: _____</p> <p>Size of Plastic Cage: _____</p> <p>Loading Height of Plastic Cage: _____</p> <p>Anticipated number of calendar days after receipt of Purchase Order until delivery to Borough Public Works. _____ Days</p>	\$	\$
3.			<p>Exceptions to specifications to be listed below:</p>		

BID RESPONSE (continued)

If the Contract is awarded, the price(s) will be in effect for the length of the Contract.

If this is a one-time open market purchase, will awarded bidder honor price(s) for other Township or County Government agencies? Yes No

Will awarded bidder honor price(s) for other local governments in Pennsylvania? Yes No

How many days will awarded bidder honor price(s)? _____

In compliance with this ITB, and subject to all conditions thereof, the undersigned agrees that if this bid response is accepted within _____ days from the date of opening, to furnish any or all of the items upon which price(s) are quoted, at the price set opposite each item, and unless otherwise specified, within _____ days after receipt of order.

**THIS BID RESPONSE SHALL BE REJECTED IF SIGNATURE IS NOT PROPERLY
NOTARIZED AND AFFIXED WHERE INDICATED**

Name of Respondent/Firm: _____

Authorized Signature and Date: _____

Name of Contact and Title: _____

Mailing Address: _____

Telephone Number: _____

Fax Number: _____

E-Mail: _____

Personally appeared _____, who is the _____

of _____ and as such is authorized to execute this document.

Sworn to and subscribed before me this _____ day of _____, _____

Notary Public: _____ My Commission Expires: _____

ACCEPTANCE

Accepted as to items numbered _____ Date _____

Purchasing Agent _____

STATEMENT OF NO BID

Manual Curbside Recycling Truck

ITB #(BID #)

If bidder is not bidding on the goods and/or services as stated in this ITB, please complete and return this form to: NORTHERN CAMBRIA BOROUGH, 1202 Philadelphia Avenue, Northern Cambria, PA. 15714

Name of Respondent/Firm: _____

Mailing Address: _____

Telephone Number: _____

Signature: _____

Date: _____

The above has declined to submit a bid response for the following reason(s) (please check all that apply):

- Specifications too “restrictive”, i.e., goods offered by our company do not meet stated specifications.
- Specifications unclear (please explain).
- We do not offer this commodity and/or service or an equivalent.
- Insufficient time to respond to the ITB.
- Our schedule would not permit us to perform.

REMARKS:
