

LEGAL NOTICE TO BIDDERS

Sealed bids will be received at the office of the City Manager of Red Bank, City Hall, 3117 Dayton Boulevard, Red Bank, TN 37415 no later than 10:00 A.M. on Friday, August 7, 2015 for furnishing the City of Red Bank with the following:

FOR THE DIVISION OF: **Public Works Department**

FOR THE PURCHASE OF: **One (1) new, 2015 or newer Brush Collection Truck /Dump Body**

(Reference: # 15-0801)

THE CITY OF RED BANK ENCOURAGES THE PARTICIPATION OF SMALL AND MINORITY BUSINESSES IN THE PURCHASING PROCESS.

Award of contracts will be made on the basis of the lowest and best bids as determined by the City of Red Bank.

Any protest of award must be filed in writing with the Purchasing Agent within five (5) days of the award announcement.

By Order of the Mayor of the City of Red Bank, Tennessee.

John Roberts
MAYOR

Randall G. Smith
CITY MANAGER

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Press

INSTRUCTIONS TO BIDDERS

No objections with regard to the application, meaning, or interpretation of these specifications will be considered after the opening of the subject bids. Unsigned bids will be considered nonconforming. Bids containing terms and conditions other than those contained herein, may be considered nonconforming.

Bidders will submit their proposal in a sealed envelope INDICATING ON THE OUTSIDE: THE COMPANY NAME AND THE ABOVE REFERENCE #. Any firm receiving a mailed bid on the above subject and not bidding will be electronically removed from the mailing list used for the above referenced subject after three consecutive non-responses or no bids.

Upon opening, all bids and attendant documents become a matter of public record.

NO BID OF PERFORMANCE BOND REQUIRED.

Vendors must comply with all applicable licensing requirements.

In accordance with Title VI it is the policy of the City of Red Bank to provide equal employment opportunities and to provide its programs, activities, and services to all individuals regardless of race, color, religion, sex, national origin, age, disability, or status in any other group protected by law. Inquiries and charges of violation of this policy should be directed to the City Manager at (423) 877-1103 at 3117 Dayton Blvd., Red Bank, Tennessee 37415. Requests for accommodation of a disability should be directed to the City Manager at (423) 877-1103 or at 3117 Dayton Blvd., Red Bank, Tennessee 37415. With regard to all aspects of this contract, the Vendor certifies and warrants it will comply with this policy. With regard to all aspects of this contract, the Vendor certifies and warrants it will comply with this policy.

The City of Red Bank reserves the right to waive any informality or to accept or reject any and all bids, and to accept the bid, which in the opinion of the City Commission, is in the best interest of the City of Red Bank. The City of Red Bank reserves the right to reject any and all bids and to waive any informality in bidding.

For additional information, contact: Public Works Director Tim Thornbury (423) 877-1103 ext. 1021.

Gentlemen:

_____, 20_____

(I/We) do hereby declare that (I am/we are) the only person, firm or corporation interested in this proposal, and that no other person, firm or corporation than the one herein named has any interest herein or in the contract proposed to be taken; that it is made without any connection with any person, firm or corporation making proposal for the same work, and that it is in all respects fair as to each item bid upon and as to the proposal as a whole and without collusion or fraud: also that no officer or employee of the City of Red Bank, who is by law excluded from participating therein, is directly or indirectly interested herein, or in the furnishing of the supplies, or doing the work to which it relates, or in furnishing surety, or in any portion of the profits thereof;

With the understanding that any contract resulting from the bids taken herein shall be governed, construed and enforced according to the laws of the State of Tennessee. All actions whether sounding in contract or in tort, relating to the validity, construction, interpretation, and enforcement of this contract shall be instituted and litigated in the courts of the State of Tennessee located in Hamilton County, Tennessee, and in no other. In accordance herewith the parties to this proposal submit to the jurisdiction of the courts of the State of Tennessee, located in Hamilton County, Tennessee;

And do further declare that (I/We) have carefully examined the annexed specifications, and hereby propose to furnish the following items, and/or do the following work for the sum hereinafter set forth, VIZ:

GENERAL CONDITIONS:

1. The bidder is required to list all exceptions, deviations or variations to the specifications set forth and it should be done in a clear, logical fashion on a sheet designated by the bidder as such. Brochures, standard catalog sheets or technical data should accompany each proposal, but may not be considered a notice of exceptions, deviations, or variations to these specifications.
2. BRAND or TRADE NAMES are given as a “quality reference” to aid bidders in offering the right quality for this proposal, except where said quality reference is followed by the word “only”, any quotation will be considered if, in the opinion of the City, the products are equal to those specified.
3. “DEL DAYS ARO” shall mean the number of consecutive calendar days after receipt of a fully executed contract; delivered F.O.B. to 1801 Pinebreeze Road, Red Bank, Tennessee. At the time the equipment is delivered, the successful bidder shall furnish: Certificate of Origin, original Bill of Sale, four copies of Bill of Sale, an extra set of ignition keys, and the warranty.
4. The City reserves the right to increase or decrease order by one.
5. Successful bidder does not have to be located within a 50 mile radius of Hamilton County, Tennessee but must have local parts and service availability, including a service center equipped with factory trained mechanics and a sufficient parts inventory within a 50 mile radius of Hamilton County, Tennessee, a copy of which will be furnished to the City upon request.
6. Unit(s) shall possess all equipment listed by the manufacturer as “standard” for that model unless otherwise specified below.
7. A full copy of the warrant(y)(ies) covering the proposed unit(s), should accompany this proposal. Warranty start date will be the date the piece of equipment is delivered, not the invoice date.
8. A full copy of the warrant(y)(ies) covering any attached equipment as stated on bid specifications should accompany the proposal.
9. The unit(s) to be delivered to, 1801 Pinebreeze Road, Red Bank, Tennessee 37415. Delivery time is Monday – Friday, 8:30 a.m. – 2:30 p.m.
10. Invoices are to be delivered at the same time that the piece of equipment is delivered. Paperwork should be made out to: City of Red Bank, 3117 Dayton Boulevard, Red Bank, TN 37415.
11. All equipment will be delivered fully operational and ready for service.

AUDIT CLAUSE

“The City reserves the right to audit the records of the “(contractor name).” The Contractor shall make and keep as the same accrue, full and complete records and books as accounts of revenue and income, and costs and expenses that specifically relate to performance under this contract. Records and books of accounts, together with any or all other memoranda pertaining thereto that may be kept, maintained or possessed by the Contractor, shall be open to examination during regular business hours by the City or its representatives for the purpose of inspecting, auditing, verifying or copying the same or making extracts therefrom. The Contractor shall make and keep said records and books of accounts in accordance with generally accepted accounting principles.”

BID SECTION:

As per attached specifications, the bid for the Brush Collection Truck / Dump Body is as follows:

Purchase Price: _____ (each) Total Price: _____

Delivery: _____ days A.R.O.

For either of the two following numbered reasons (I,we) herewith declare that (I/we)) will forfeit any claim to any contract resulting from the bid stated herein:

(AND, IF A BID BOND IS REQUIRED IN ORDER TO COMPLY WITH THE ENCLOSED "LEGAL NOTICE TO BIDDERS")

(I/we) will forfeit as liquidated damages to the City of Red Bank (my/our) bidder's bond, or certified or cashier's check on a solvent bank in the sum of

_____ N/A _____ (\$ _____)

DOLLARS:

- 1) If the contract is not signed and returned to the City WITHIN TEN (10) DAYS AFTER RECEIPT OF SAME, or:
- 2) If a performance bond is required – failure to enter into a contract with a good and solvent bond in a surety company doing business in the State of Tennessee acceptable to the City of Red Bank in an amount equal to the gross amount of said contract (or for an amount as specified) and to be made and contract signed and required to the City WITHIN TEN (10) DAYS AFTER RECEIPT OF SAME.

The full name and residence of all persons interested in the foregoing as principals are as follows: (if out of state company, please list Tennessee office address.)

BUSINESS ADDRESS OF BIDDER:

If Bidder is an INDIVIDUAL, fill out the following:

_____ (NAME OF OWNER)

If Bidder is a PARTNERSHIP, fill out the following:

PARTNER NAME:

ADDRESS:

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

If Bidder is a CORPORATION, fill out the following:

NAME OF CORPORATION PRESIDENT:

NAME OF CORPORATION SECRETARY:

NAME OF COMPANY: _____

SIGNATURE OF BIDDER: _____

TITLE: _____

PHONE NUMBER: _____

BID SPECIFICATIONS

SPECIFICATIONS ON A HEAVY DUTY TRASH/BRUSH LOADER, BULK TRASH/JUNK BODY, MOUNTED ON A NEW TRUCK AND CHASSIS

SCOPE: It is the intent of this specification is to describe a heavy duty trash/brush loader & bulk trash body mounted on a new truck & chassis for the use in the City's refuse collection system.

1. TRUCK SPECIFICATIONS

New and Unused 2015 or newer conventional cab-chassis 186" useable CA, 96" Axle and Frame, Cab & Wheels, white.

A. ENGINE:

1. Diesel, In-line 6 cylinder, Total Electronic, Wet-sleeved. Engine will not require the use of DEF, 50 State, 260 HP, 660 lb-ft Torque @ 2400 RPM governed.
2. Single – stage, dry – type air cleaner.
3. Variable – speed electronic governor.
4. 12 Volt starter.
5. Heated fuel/water separator.
6. Gauge, air cleaner restriction.
7. Engine mounted oil cooler.
8. Horizontal muffler stainless steel muffler, with internal catalytic converter.
9. Electronic throttle preset to 1500 RPM w/wiring stubbed to back of cab for operator convenience.

B. TRANSMISSION:

1. Allison 3500 RDS-P, wide ration, 5 – speed electronic automatic, dash mounted.
2. Synthetic oil only.
3. Equipped with “auto neutral”.

C. FRONT AXLE:

1. 12,000# Capacity Front Axle.
2. 12,000# Capacity Front Suspension.
3. Oiled Wheel Seals.
4. Shock Absorbers, Double Acting, Telescopic.
5. Power Steering.

D. REAR AXLE:

1. 23,000# Single-speed Rear Axle.
2. 31,000# Multi-leaf rear suspension with 4,500# auxiliary rear springs.
3. Road speed to set at maximum of 65 MPH, electronically.
4. Wet type rear wheel seals.

E. FRAME:

1. Heavy-duty frame rails – heat treated alloy steel (120,000 PSI Yield); 10.375' X 3.705" X 0.438", 456" Max. OAL; 21.05 SM; 2,526,000 RBM.
2. Frame mounted from tow hooks.
3. Full width heavy-duty front bumper.
4. Area above and below the frame, 60" behind the cab shall be clear of all obstruction.

F. BRAKES:

1. Full Air Brakes, Cam Type with ABS and Automatic Slack Adjusters.
2. Spring Set Parking Brake.
3. Brake Dust Shields.
4. Heated Air Dryer.
5. 13.2 CFM Air Compressor.
6. System drain valve – automatic.

G. FUEL TANK:

1. LH mounted 50 gallon with step. (Aluminum material).

H. ELECTRICAL:

1. 12v Electrical System with Circuit Protectors.
2. 130 Amp Alternator.
3. Three (3) H.D. Batteries, 19500 Total CCA, minimum.
4. Battery Disconnected Feature.
5. Backup Alarm.
6. Halogen Headlights.

7. Minimum 1250 Watt Engine Block Heater with Recessed Plug.
8. Data Link Connector
9. LED for Flashing, Stop, Turn & Tail Lights.
10. Jump Start Stud – remote mounted.
11. Clearance / Marker Lights – Amber LED lights, flush mounted.

I. WHEEL & TIRES:

1. 22.5 x 8.25 10 Hole Hub piloted disc wheels.
2. 11R22.5-14 Ply Front Tires “G” load rated.
3. 11R22.5-16 Ply Rear Tires “G” load rated, dual front tires for load capacity, singles not acceptable.

J. CAB:

1. Tilting hood and fenders.
2. Tinted glass all around.
3. West coast mirrors with convex 8” spot mirrors.
4. Variable speed windshield wipers and washer.
5. Air horn.
6. LH & RH sun visors.
7. Deluxe air suspension driver’s seat and stationary 2-man passenger seat with under seat storage compartment.
8. Instrumentation:
 - a. Air Cleaner Restrictor Indicator.
 - b. Gauges & Warning Lights for Low Oil Pressure, High Engine Temperature and Low Coolant Level, & Low Air Pressure.
 - c. Hour meter in cab, Oil Pressure Gauge, Air Pressure Gauge, Coolant Temperature Gauge, Electronic Speedometer, Electronic Tachometer, and Voltmeter.
9. AM – FM Stereo radio.
10. Chassis to be pre-wired for roof mounted light bar including wire in roof with a dash mounted control. Cab shall be equipped with one (1) roof, magnetic mounted, LED Mini-Light Bar with In-Cab Control.
11. 10# ABC Fire Extinguisher, mounted.
12. Safety Reflective Warning Triangle Kit, Cab – Mounted.

K. WARRANTY:

Bidder Shall State Warranty: _____

SPECIFICATIONS HEAVY DUTY BULK TRASH BODY

It is the intent of these specifications to describe a heavy duty trash body to be used in collection and loading of bulk trash, limbs, leaves, building materials, etc., or any other materials. Material, workmanship, design and capacities are being specified for a piece of equipment that will be required to do a certain job.

- A. Minimum 24 cubic yard capacity.
- B. Minimum 18 foot body length.
- C. Body to be mounted with 60" minimum between the body and the back of the cab.
- D. Body to be constructed with 8" @ 9.8 lbs. per foot full length channel main sill and 4" @ 5.4 lbs. per foot structural channel across sills. Cross sills to be placed on 12" centers. Body floor to be built with 3/16 steel, floor to be formed over and under the end of cross sills. Body overall width not to exceed 8'.
- E. Body sides to be constructed with 10 gauge sheet metal. Wall stiffeners to be 11 gauge formed channel placed on 24" centers. Body sides to have 11 gauge formed channel at top of sided. Side stakes to be interconnected and welded to top rail. Front body wall to be 42" high and slope to 60" tall 8' from the body front. Sides to be continuous weld to floor.
- F. Body headboard to be constructed of 10 gauge sheet metal with 11 gauge formed stakes and 11 gauge formed top rail.
- G. Body to have two (2) equal width barn door type rear doors which swing completely around to each wall and latch open for dumping. Each door must have two (2) 1" pins welded to the doors and have easily accessible grease fittings. Door latch shall secure both doors at the top and bottom. Rear door must be fabricated from 10 gauge steel with 4" structural framing.
- H. Body hoist to be two (2) two-stage telescoping hydraulic cylinders with a 5" ID bore. Hoist shall provide a 45 degree dumping angle and a minimum lifting capacity of 40,000 pounds.
- I. Body has a tool box for forks and hand tools consisting of 16" x 20" and 96" across the inside of the body. Tool box must have a door on each side with locks made into the handles.
- J. Lighting – Body shall be equipped with lights to meet all state and federal safety standards. All wiring shall be protected with metal tubing. All lighting shall be LED and mounted in rubber cushions. All signals, brake, etc. lighting on the truck chassis shall be LED. Also, body shall be equipped with four (4) recessed corner lights, three (3) recessed ID lights and reflectors to comply with FMVSS – 108. The rear body shall be equipped with two (2) LED (6" oval) flashing lights connected to the turn signals, mounted in the rear post and operated from the cab.
- K. Unit shall be properly cleaned and get one (1) coat of high grade primer and two (2) coats of high grade enamel. Color shall be black.
- L. Body shall have rear safety bumper with conspicuity tape applied. Body side rub rails shall have conspicuity tape applied. Body shall have safety props installed on each side of the body.
- M. Body hoist shall be warranted for one (1) year parts and labor.

SPECIFICATIONS ON A HEAVY DUTY TRASH LOADER

It is the intent of these specifications to describe a truck mounted, hydraulic operated knuckle-boom trash trailer to be used in collection and loading of bulk trash, limbs, leaves, building materials of like nature. The specifications are describing and stating the minimum requirements of a truck mounted trash loader to perform this function.

A. PEDESTAL:

1. To be A-Frame design constructed of formed high strength steel channels ensuring a 3:1 safety ratio.
2. Top and bottom of pedestal to be constructed of 1 ½" steel plate.
3. Pedestal must be mounted directly to the frame rails.
4. Across to the hydraulic hoses shall be effected brought an easily removable steel cover.

B. BOOM PIVOT:

1. Pivot to be mounted to the pedestal by a slewing ring/bearing having a minimum capacity of 513,000 pounds static load and 186,000 ft. lbs. moment.
2. Slewing ring to be 3 ½ thick and have an OD of 25 ¾.
3. Boom pivot has a 9" OD safety retaining tube 12" long.
4. Must have minimum of 270 degree swing with mechanical stops for safety.
5. Pivot shall utilize a direct hydraulic swing drive.

C. MAIN BOOM:

1. Main boom to be of twin design.
2. Small have two (2) heavy duty 5" x 7" x ¾" thick wall tube or equal.
3. Boom must a manual stop for tip boom to prevent tip boom from bottoming out.
4. Boom must have internal check valves.

D. TIP BOOM:

1. Tip boom shall have heavy duty 3" x 7" x 3/8" wall tube or equal.
2. Tip boom to have a 4' telescopic extension tip section constructed of 4" x 6" x 3/8 "thick wall tube or equal.
3. Extension must have replaceable nylon bearings on all three (3) sides of roller on the bottom.
4. Boom must have internal check valves.

E. BOOM LENGTH:

1. Boom length shall be 16' with telescoping section extending length to 20'.

F. LIFTING CAPACITY:

1. At twenty (20) feet, loader must be capable of lifting a payload of 3,300 pounds in addition to weight of grapple.

G. LOAD STABILIZER:

1. Loader must be equipped with hydraulic operated stabilizers.
2. Stabilizers to be positioned for maximum stability when lifting a 3,300 pound at 20'.
3. Stabilizers must be equipped with street pads (Rubber lined).
4. Stabilizers shall telescope horizontally in and out, vertically up and down, and operate independently by individual controls.
5. Stabilizers cylinders shall be mounted inside the telescoping legs.
6. Stabilizers will have a maximum of 12' spread in the down position.
7. Stabilizer cylinders shall have internal holding valves for the up and down movement to prevent stabilizers from leaking.

H. BUSHINGS AND PINS:

1. All boom connection points must be equipped with replaceable bushings and heat treated pins.

I. OIL TANK AND FILTER:

1. Hydraulic system must be equipped with a 40 gallon oil tank with sight and temperature gauge.
2. Oil filter must be 10 micron with 50 gallon per minute flow.

J. POWER SOURCE:

1. Unit to be mounted with clutch type (Hot Shift) PTO with a overspend protection and a heavy duty bi-rotational tandem hydraulic pump.
2. PTO will not engage unless truck is in neutral and parking brake is set.

K. VALVES AND CYLINDER:

1. All valve and cylinders to be of high quality to assure long lasting service life and smooth operation.
2. Main valve must be equipped with main relief valve.
3. Main boom, tip boom and stabilizer cylinders shall have internal pilot operated check valves to protect valves and the operator.

L. THROTTLE CONTROL:

1. Unit to have a throttle control with an electric switch to maintain proper RPM under a load.
2. Switch for the throttle control to be mounted on operator's platform for operator convenience.
3. Unit shall not throttle unless PTO is on, truck in neutral and parking brake set.

M. TRASH GRAPPLE:

1. Must have 360 degree continuous rotating bucket by means of a replaceable hydraulic swivel with no mechanical stops.
2. Swivel will not be welded or be an integral part of grapple.
3. Trash grapple shall be opened and closed by two (2) cylinders and have a minimum closing pressure of 3,000 pounds.
4. Grapple is to be 4' long and open to 60 inches, lip to lip with bolt on replaceable high strength, high carbon steel cutting edges.
5. Bucket cylinders and hoses shall be enclosed in removable steel covers.
6. Grapple shall have reverse curvature to prevent scalping.

N. OPERATIONS PLATFORM:

1. There will be a stand up type operator's platform on each side of the truck.
2. Controls shall be of the standard lever type.
3. Proper space between the cab and pedestal shall be allowed for walk through operation.
4. Body dump controls to be a different type from the boom controls.

O. PAINTING:

1. Unit shall get one (1) coat of high grade primer.
2. Unit shall get two (2) coats of high grade enamel.
3. Boom shall be machine yellow, or white.
4. Bed shall be machine black, or white.

P. WARRANTY:

1. Body manufacturer's warranty shall not be less than one (1) year on parts and labor.
2. Body manufacturer's warranty shall not be less than three (3) year structural.
3. Gear box shall not be less than (2) year parts and labor.

Q. DELIVERY:

1. Truck, Boom and Dump / Trash body shall be delivered F.O.B. in new operating condition.
2. Acceptance shall be subject to the inspection and approval of the purchasing agent.
3. Bidders shall state delivery time after receipt of order.