



INVITATION FOR BID

Customer: Concord Turnpike Regional Landfill

Specifications: New production High Density Landfill Compactor

VENDOR INSTRUCTIONS

A. Vendor shall complete every space in the vendor's column with a "yes" to indicate item being quoted is exactly as specified or a "no " to indicate any deviation of item being bid from the specifications. Any "no" response or deviation shall be explained in spaces provided. Where certain brands "or equal" are specified, be sure to state the brand/model of option quoted. Any additions, deletions, or variations from the following specifications must be noted. Any items appearing in the manufacturers regularly published specifications and offered as standard equipment by the manufacturer are included in any submitted bid, unless otherwise expressly specified herein. Any additions, deletions or variations from the manufacturer's regularly published specifications must be outlined in an attached letter, to provide the Authority with enough information to clearly evaluate that which is being offered. Failure to properly complete this column shall, at the sole discretion of the Authority, subject your bid to rejection.

B. The Authority reserves the right to utilize value engineering to determine the selection of the item most advantageous for its use and make an award in accordance with such provisions. There is no requirement to accept the lowest cost equipment offered and specific requirements may be waived or amended at the discretion of the Authority. The Authority reserves the right to reject all bids.

C. Seal bids must be received by 3:00 PM Friday July 27, 2010 at:

**Region 2000 Services Authority
2704 Concord Turnpike
Lynchburg, VA 24504
Attn: Compactor**

Contact Larry Hall at 434-455-6334 for questions concerning the specifications.

Section 1- Equipment Specifications

1.1 GENERAL DESCRIPTION

New production model four wheel design high density landfill compactor with minimum operating weight of 105,000 lbs and 14 ft landfill blade.

VENDORS COLUMN

1.2 ENGINE

- A. Diesel – Six (6) cylinder minimum, turbocharged, direct injection and after cooled, must meet EPA Tier 3 emissions Regs. _____
- B. Minimum 540 gross horsepower at rated RPM _____
State Gross HP: _____
- C. Air pre-cleaner Air filter shall be 2-stage dry type _____
- D. Oil cooler and oil filter _____
- E. 24 volt electrical system, 95 amp alternator and maintenance free heavy duty 925 CCA batteries. _____
- F. Lockable master disconnect switch with ground level access. _____
- G. Spin-on replaceable oil and fuel filters _____
- H. Muffler with rain cap or turned exhaust _____
Specify Type _____
- I. Engine block heater- 1500 W _____
- J. Cold weather starting aid _____
State type: _____
- K. Fuel priming pump _____
- L. Trash resistant heavy duty radiator-Fin and tube type _____
- M. Automatic engine shutdown for low engine oil pressure and high coolant temperature _____
- N. Heavy duty cooling system, with auto reverse fan designed for landfill operations _____

Comments: _____

1.3 Transmission

- A. Electronically-controlled hydrostatic drive system _____
- B. Unit must be capable of directional changes at full engine speed
without deceleration _____
- C. Minimum (4) forward and (4) reverse speeds _____
- D. Equipped with planetary reduction final drives, _____

Comments: _____

1.4 Axles, Differentials and Final Drives

- A. Heavy duty floating axles _____
- B. Front and rear no-spin differential _____
- C. Four wheel drive _____
- D. Planetary reduction each wheel _____
- E. Protective guards to prevent debris from damaging seals,
gaskets, supports, fittings and all related parts. _____
- F. Permanently lubricated maintenance-free U joints _____

Comments: _____

1.5 Brakes

- A. OSHA-approved all-wheel hydrodynamic braking _____
- B. Spring applied, hydraulically released secondary/ parking brake _____
- C. Self adjusting _____
- D. Protective guards to prevent debris from entering hubs _____
- E. Protective guards to prevent damage to lines- lines run
internally to reduce potential damage. _____
- F. Low fluid indicator _____

Comments: _____

1.6 WHEELS

- A. Four wheel design, minimum wheel width 48" _____
- B. All wheels must be the same size to permit front to rear rotation

- for extended tip life. _____
- C. Minimum 2.0" outer drum thickness _____
- D. Wheel cleats shall be a minimum of 8" in height, minimum of 28
cleats per wheel _____
- E. Wheels to be self-cleaning without the use of cleaner bars _____

Comments: _____

1.7 STEERING

- A. Center point, frame articulated steering, minimum articulation +/- 35
degrees. _____
- B. Adjustable joystick steering control _____

Comments: _____

1.8 HYDRAULIC SYSTEM

- A. Closed loop, full filtered system with service indicators. _____

Comments: _____

1.8 CAB

- A. Fully enclosed, 2-door, walk-through cab _____
- B. ROPS/FOPS certified _____
- C. Foot throttle/brake pedal _____
- D. Throttle lock _____
- E. Joystick steering and blade control _____
- F. F-N-R and speed selection switches conveniently located _____
- G. Minimum 36,000 BTU air conditioning system. _____
- H. Minimum 30,000 BTU heat/defrost system. _____
- I. Two (2) exterior rearview mirrors _____
- J. Rear vision camera with full color cab-mounted monitor. _____
- K. Working lights outside minimum 4 forward and 2 reverse facing. _____
- L. Horn and backup alarm _____
- M. Adjustable air suspension seat with retractable seat belt. _____
- N. gauges for engine oil pressure, coolant temperature, fuel level
and tachometer. _____
- O. LED display to monitor engine oil pressure, coolant temperature,
Engine speed (rpm), engine % load, operating hours, battery voltage, _____

- Boost pressure and transmission oil temperature. _____
- P. AM/FM radio, CD player and speakers and antenna. _____
- Q. Front and rear windshield washer and wiper. _____
- R. Full safety glass all around/tinted. _____
- S. See-through protective guard over front windshield. _____
- T. Sound suppression system and sound level in cab not to Exceed 75dBa. _____
- U. Key ignition with safety start. _____
- V. 24V DC to 12V DC accessory connections in cab. _____
- W. 10 LB ABC rated fire extinguisher installed in cab. _____

Comments: _____

1.9 WEIGHT

- A. Minimum operating weight 105,000 lbs with ROPS cab, blade, Coolant, lubricants, fuel and hydraulics- excludes wheel ballasting. _____
State operating weight: _____

Comments: _____

1.10 REFUSE BLADE

- A. Straight landfill blade, minimum 14ft in width and 75in in height including full-width see-through trash screen. _____
State size of blade: _____
- B. Bolt-on reversible cutting edges and replaceable end bits. _____
- C. Shall be able to spread both refuse and cover material. _____
- D. Adjustable joystick control lever with raise, lower and float positions _____

Comments: _____

1.11 ACCESSORIES

- A. Guards shall be provided for engine, power train, front and rear axles, Radiator, hydraulic tank and steering cylinders to protect all vital areas From damage caused by refuse debris, snow, ice and mud. _____
- B. Engine and power train guards (belly pans) shall be electrically Activated to lower and raise for access and cleaning. _____
- C. Chain attached fuel cap. _____

- D. Automatic central lubrication. _____
- E. Rear draw bar hitch pin or tow points. _____
- F. Anti-vandalism protection with common key for engine oil dipstick,
And filler spout compartment, cab and engine starting. _____
- G. Filler lock caps on hydraulic tank, fuel tank and radiator. _____
- H. Back-up alarm. _____
- I. State capacities in gallons for:
 - Fuel: _____
 - Engine Oil: _____
 - Hydraulic Oil: _____

Comments: _____

1.12 WARRANTY

- A. Total Coverage warranty for one (1) year or two thousand (2000) operating hours which ever comes first. _____
- B. Cleats minimum 10,000 hours. _____
- C. Wheel structure and frame warranty, five (5) years or ten thousand (10,000) hours which ever comes first. _____
- D. Exterior finishes shall be warranted against blistering, peeling, Bubbling, lack of adhesion, or any other manufacturing or material Defect for a period of 60 months/10,000 hours. _____
- E. All hydraulic systems shall have a 60 month 10,000 hour warranty. _____
- F. Engine and power train shall be 60months 10,000 hour warranty. _____
- G. Warranty shall cover all defects in material and workmanship under normal use and shall include travel cost, parts, labor and any shipping and/or insurance cost. Warranty work shall be performed at the Concord Turnpike Regional Landfill in Lynchburg Va. _____
- H. Warranty shall be performed by selling dealer and sponsored by OEM- third party or contracted warranties are not acceptable. _____
- I. Successful bidder shall provide a 48 hour parts guarantee for the above specified equipment for the full duration of the warranty period. The guarantee shall state parts for the specified equipment will be shipped within two (2) working days. If the parts are not shipped within (2) two working days, the successful bidder will credit the Services Authority with the difference in cost from another supplier. _____
- J. Successful bidder shall supply at time of equipment delivery a list of required parts for preventive maintenance service, _____
- K. State name and location of parts shipping center:

Name: _____

Location: _____

Comments: _____

1.13 DELIVERY

- A. The machine is to be delivered to 2525 Concord Turnpike Lynchburg VA. 24504 (Concord Turnpike Regional Landfill) during normal working hours fully assembled and ready to operate. Vendor to give Services Authority (24) hours notice prior to delivery. Any transportation surcharge Shall be included in the bid, otherwise the Authority will not be liable for any freight charges. Deliveries will be accepted Monday thru Friday, 7:00 am Thru 3:00 PM except on official holidays. Call (434)455-6334 to arrange delivery. **Certificate of origin and original invoice shall accompany equipment upon delivery.** The equipment shall be checked for compliance with the specifications. If any deviation from the specifications, damage or improper dealer preparation exists, the invoice will not be approved for payment until all defects are corrected by the vendor.
- B. Delivery shall not exceed 120 days _____

Comments: _____

1.14 MANUALS/TRAINING

- A. Two (2) complete technical service/engine/electrical/powertrain/hydraulics manuals shall be furnished. _____
- B. Two (2) parts manuals shall be furnished. _____
- C. Two (2) operator manuals shall be furnished _____
- D. One (1) OEM parts list shall be furnished. _____
- E. Vendor shall provide a factory-trained service person to instruct Authority personnel in the operation, maintenance and repair of the equipment as follows:
 - 1) One (1) full day at time of delivery, to include actual field operation of the equipment.
 - 2) One (1) additional full day prior to expiration of the warranty period for on-site training and equipment trouble-shooting, at which time vendors shall provide a written statement of condition for all warranted items and schedule in-warranty maintenance as necessary. Date and time shall be mutually agreed upon by the Authority and the vendor. _____
- F. Training video for the operator maintenance, operation and safety shall be provided. _____

Comments: _____

1.15 PARTS SUPPLY AND AVAILABILITY

- A. It is the objective of the Authority to purchase equipment for which parts that affect the safe and/or reliable operation of the equipment are readily available for ten (10) years. _____

Comments _____

1.16 Payment

- A. Payment to be made within thirty (30) days after receipt of invoice. _____
- B. Invoices must be directed to: Region 2000 Services Authority, 2704 Concord Turnpike, Lynchburg Va. 24504. The Authority cannot be responsible for untimely payment as a result of misdirected invoices. _____
- C. No deposit or advance sums shall be paid. _____

Comments: _____

SECTION II – MAINTENANCE RESPONSIBILITIES AND VENDOR INFORMATION

2.2 Purchaser's Responsibility

1. All scheduled services including oil, parts, labor and sampling.
2. Maintain a maintenance service schedule as follows:
 - Initial service after 250 hours; service every 250 hours or monthly;
 - Service every 500 hours or 3 months; service every 1000 hours or 6 months
 - Service every 2000 hours or one year; service every 3000 or 2 years; service every 5000 hours or 3 years; and service every 6,000 hours or 4 years.
 - bidder to provide recommended service schedule with bid. _____

Comments: _____

Note: Vendors, by submitting bids, state that they have the necessary physical and financial resources to provide the required service on the machine quoted in accordance with the terms specified and agreed to provide these services without any undue delays. In order to evaluate each bidder's responsiveness to specifications for performing these services, complete the following information.

2.3 Vendor Capabilities

1. Equipment vendor's service technicians will arrive within 24 hours to repair equipment at Region 2000's location _____
2. Equipment vendor shall stock or obtain within 48 hours all parts for equipment, _____
3. Attach a list of at least five (5) current user names, addresses and phone numbers. _____
4. Equipment vendor shall furnish a replacement machine of a comparable model at no cost to the Authority (or liquidated damages of \$750.00 a day) if the time required to complete a warrantable repair exceeds 72 hours from the time of arrival of the technician at the Authority's location. Transportation cost of replacement equipment shall be at the equipment vendor's expense. _____

Comments: _____

2.4 Communication

1. Designated Region 2000 Services Authority representative will report problems to the equipment vendor's designated representative. Downtime will begin when equipment vendor is notified of the need for a repair and ends when purchaser is advised the machine is ready to operate.
2. Equipment vendor representative will make "operate/do not operate" decisions.
3. Equipment vendor will provide information to the Authority on the oil analysis results.

Comments: _____

SECTION III – VENDOR PRICING SHEET

3.1 Purchase Price

- A. Outright purchase price of Model# _____ \$ _____
- B. Delivery time frame in days _____
- C. Guaranteed minimum re-purchase or trade- in value price
At end of 5 years or 9,000 hours \$ _____
- D. Standard hourly service rate \$ _____