

BID DOCUMENTS
FOR
STATIONARY COMPACTOR AND
RECEIVER BOXES



CITY OF LAKELAND

APRIL 2021

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FOR
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RECEIVER BOXES



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STANDARD
ADVERTISEMENT FOR BIDS
FOR
FY21 STATIONARY COMPACTOR AND RECEIVER
FOR
THE CITY OF LAKELAND, TENNESSEE

Notice is hereby given, pursuant to Tennessee Statute Section 6-56-301 that the City of Lakeland, Tennessee will receive sealed bids until 11:00 a.m. Local Time May 04, 2021, for the following:

STATIONARY COMPACTOR AND RECEIVER

Bids must be in one sealed envelope with statement thereon "**BID ENCLOSED, CHIPPER/CHIP BOX COMBO UNIT**" and submitted to the City of Lakeland, Lakeland City Hall, 10001 U.S. Highway 70 Lakeland, Tennessee, on or before the above stated time. Bids will be opened publicly, read aloud, and tabulated by the City Manager, or his Designee, at the above stated time and place, unless an alternative site is designated in writing prior to the time of Bid Opening. No bid may be withdrawn for a period of thirty (30) days after the date set for opening thereof. The City of Lakeland, Tennessee, reserves the right to reject any or all bids and to waive any informalities or technicalities in the bidding.

Bidding Documents, including specifications, are currently available from the Engineering Office, 10001 U.S. Highway 70, Lakeland, Tennessee. Bidders may obtain one set upon request.

A Pre-Bid Conference will be held at 11:00 a.m., Local Time, April 28, 2021, at Lakeland City Hall. A site tour may be held to review the Project following this conference. Contact for this Project is Emily Harrell, City Engineer, at (901) 317-6025 or aharrell@lakelandtn.org.


Shane Horn
City Manager

Publish: April 20, 2021
 April 27, 2021

STANDARD FORM OF
AGREEMENT BETWEEN OWNER AND CONTRACTOR
FOR THE PURCHASE OF A STATIONARY COMPACTOR AND RECEIVER BOXES

THIS AGREEMENT is made between the City of Lakeland, hereinafter referred to as the "Owner," and _____ referred to as the "Contractor."

WHEREAS, the City of Lakeland is desirous of acquiring a stationary compactor and receiver boxes; and,

WHEREAS, _____ is able and willing to provide those services specified by the proposal publicly advertised by the City of Lakeland, Tennessee, for the furnishing and installment of a stationary compactor and receiver boxes.

NOW, THEREFORE, it is hereby agreed as follows:

ARTICLE 1. WORK.

Contractor shall furnish and install a new stationary compactor and receiver boxes as outlined in the attached "Exhibit A" documents consisting of 12 pages for the City of Lakeland, Tennessee.

ARTICLE 2. OWNER.

The Equipment has been publicly advertised by the City of Lakeland, 10001 U.S. Highway 70, Lakeland, Tennessee, who is hereinafter referred to as the "Owner".

ARTICLE 3. CONTRACT TIME.

The stationary compactor and receiver boxes will be delivered within _____ calendar days upon execution of this agreement.

ARTICLE 4. CONTRACT PRICE.

In Consideration of the performance of the work in accordance with the proposal for furnishing and installing of a stationary compactor and receiver boxes with accessories shall pay Contractor in current United States funds not-to-exceed total contract price _____.

ARTICLE 5. PAYMENT PROCEDURES.

Contractor shall submit an invoice for payment to the Owner. Upon final delivery and acceptance of the equipment Owner will make final payment to the Contractor.

ARTICLE 6. CONTRACT DOCUMENTS.

The Contract documents which comprise the entire agreement between Owner and Contractor are attached to this Agreement, made a part hereof and consist of the following:

- 6.1 Exhibit "A" - Bid Proposal
- 6.2 Notice of Award
- 6.3 Manufacturer's Warranty for a period 12 months from the date of equipment delivery or 2,000 operating hours

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed in one (1) original copy on the day and year first above written.

DATED this _____ day of _____, 2021.

ATTEST:

By: _____

Title: _____

ATTEST:

By: _____

Debra Murrell

Title: City Recorder

CONTRACTOR:

By: _____

Title: _____

OWNER:

CITY OF LAKELAND, TENNESSEE

A Municipal Corporation

By: _____

Shane Horn

Title: City Manager

CITY OF LAKELAND, TENNESSEE
REQUEST FOR QUOTES
FOR
STATIONARY COMPACTOR AND RECEIVER BOXES

The City of Lakeland is seeking bids for a stationary compactor and receiver boxes. Quotes shall be submitted in a sealed envelope labeled "BID ENCLOSED ONE (1) STATIONARY COMPACTOR AND RECEIVER BOXES" to the receptionist at the City of Lakeland, 10001 U.S. Highway 70, Lakeland, Tennessee no later than 11:00 a.m., Local Time, May 04, 2021.

I. GENERAL:

The following specifications, including exhibits, attached hereto, shall constitute the minimum acceptable specifications for the goods and/or services for which bids are requested. Bid shall include all items standard to article bid, whether or not specifically mentioned in these specifications.

All goods shall be new and the latest current production models meeting the terms of the specifications.

No quotes may be withdrawn within thirty (30) days after the scheduled closing time for receipt of quotes without the consent of the City of Lakeland, Tennessee.

II. SCHEDULE FOR DELIVERY:

Unless a schedule has been specified in the bidding documents, each bidder shall specify, in its proposal, the time of delivery of the goods to the place designated.

III. PLACE OF DELIVERY:

The goods shall be delivered to the City of Lakeland, Tennessee located at 10001, U.S. Highway 70, Lakeland, Tennessee 38002.

IV. CONDITIONS OF DELIVERY; RIGHT OF INSPECTION:

Goods, when delivered, shall be accompanied by a Statement Dealer's Certificate of Servicing and Inspection certifying that the goods have been inspected and comply in all respects to the contract. Bidder shall attach to said statement a certificate by the manufacturer of the goods certifying that said goods have been inspected and serviced in the event the goods are not manufactured by the bidder. The City may, in its discretion, waive this requirement. The City further reserves the right to make an inspection of the goods within a reasonable time after delivery to ensure compliance with the contract. Failure by City to make such inspection or upon inspection, failure to discover defects which cannot reasonably be discovered upon inspection, shall not constitute a waiver or be a limitation upon any remedy which the City may have at law or in equity.

V. WARRANTY:

Each bidder shall enclose, with their bid, a copy of the warranty which applies to the goods proposed to be furnished. The warranty supplied will be considered by the City in determining the responsibility of the bidders.

VI. SERVICE FACILITIES:

It is essential that repair parts and service be adequate and readily available so that the goods can be maintained in good operating condition without protracted time loss for repairs.

The BIDDER SHALL CLEARLY STATE in his proposal the extent to which he carries a complete inventory of repair parts and service facilities. The City reserves the right to evaluate past performance of each bidder in analyzing the bids received and to consider such evaluation, in addition to other factors, in awarding the contracts for equipment.

VII. DETAILED SPECIFICATIONS:

Goods bid shall conform to the detailed specifications outlined for the various bid items, attached hereto. No deviations from the terms of the specifications will be allowed, and such deviations shall be grounds for rejection of any bid, provided, however, that the City may allow any deviation if it finds, in its sole discretion, that the deviation is not a material deviation.

If bidder submits a quote using differing materials from those specified, he shall submit complete specifications for those items, including proposed manufacturer and catalog numbers with appropriate literature. The City may consider such specifications if it finds, in its sole discretion, that said specifications meet the intent of its specifications set forth herein and do not differ materially from its specifications.

VIII. STATEMENT OF COMPLIANCE

Should any requirement in these specifications not be included in manufacturer's specifications sheets, bidder shall include with his bid, a statement of compliance. Failure to do so may be held as grounds for disqualification of bid.

IX. CONSIDERATION OF BIDS:

The City of Lakeland, Tennessee reserves the right to evaluate all bids received on the basis of the conformance with these specifications, the availability of repair parts, and the adequacy of service facilities, the delivery schedules, and other criteria as well as (net) cost, and to consider such evaluation in awarding contracts for the furnishing of the bid items specified. The City will award the contract to the lowest responsible bidder.

X. PAYMENT:

A completed invoice from the vendor shall be presented for payment.

XI. SALES TAX EXEMPTION CERTIFICATE:

The City of Lakeland, Tennessee, is exempted from paying the sales tax specified by Tennessee Statutes, and from paying Federal Excise taxes. Upon request, a copy of an exemption certificate will be furnished to the successful bidder.

XII. GOVERNING LAW:

In the event of any claim, suit, or demand which may result from a bid or bids submitted there under, or the award of any contract as a result of submission of a bid, the bidder or bidders agree that Tennessee law shall govern any such claim, suit, or demand the rights and duties of the parties there under.

XIII. ADDITIONAL INFORMATION:

If additional information is required, written instructions shall be issued. No oral instructions or interpretations will be considered binding unless confirmed in the form of addenda and shall be furnished to all bidders who shall submit a signed copy of all addenda with their bid. Please refer all questions to Emily Harrell, City Engineer, at eharrell@lakelandtn.org or (901) 867-2717.

PROPOSAL FOR FURNISHING AND INSTALLING
STATIONARY COMPACTOR AND OCTAGON RECEIVER BOXES
TO THE CITY OF LAKELAND, TENNESSEE

Company _____

Sales Representative _____

Address _____

Phone _____ Email _____

Proposal to furnish equipment as specified to the City of Lakeland, Tennessee in accordance with specifications contained herein:

I. BID ITEM: Stationary Compactor

Make and Model: _____

Price for one (1) as specified: \$ _____

II. BID ITEM: Two Octagon Receiver Boxes

Make and Model: _____

Price for two (2) octagon receiver boxes as specified : \$ _____

Total Base Bid: _____
_____ Dollars (\$ _____).

Alternate Unit Price for Rectangular Receiver Box: _____

Delivery: F.O.B. manufacturer of the City of Lakeland's choice within _____ calendar days after award of contract.

In addition to this proposal, the undersigned herewith submits complete information including specifications and descriptive literature to fully describe and illustrate the equipment and accessories offered.

Bidder proposes to deliver equipment in accordance with the schedule above.

Discounts will be allowed for prompt payment as follows:

10 Day _____ %; 20 Days _____ %; 30 Days _____ %.

Submitted

By: _____ Title: _____ Date: _____

Signature: _____ Phone: _____

SPECIFICATIONS FOR STATIONARY COMPACTOR AND RECEIVER BOXES

1. SOLID WASTE COMPACTOR

1.1.1. General

Provide all labor and materials to provide and install compactor which will be used for City recyclable materials.

Compactor shall be of the electric / hydraulic type as manufactured by JV Manufacturing, Inc., or approved equal.

Comply: _____ Exception: _____

Bidder's maintenance facility must be a fully stocked parts facility capable of full hydraulic, electrical and body repair and within a 200-mile radius to the City of Lakeland. Bidder's maintenance facility must be manned by factory trained, qualified service personnel with a fully stocked mobile service vehicle with parts, tools, welding capability, crane and air compressor for the maintenance and repair of the compactor.

Comply: _____ Exception: _____

A compactor location has been designated by the City of Lakeland on the property located at 10001 Highway 70, Lakeland TN 38002 where materials can be stored prior to, during and up to 24 hours following the completion of this project. Only materials and equipment required for this project will be allowed to be stored onsite.

Comply: _____ Exception: _____

1.1.2. Manufacture

The solid waste compactor system shall be a JV Manufacturing, Inc. Model CO-03, standard production unit (no prototypes) or approved equivalent compactor.

Comply: _____ Exception: _____

The compactor shall use readily available, nationally and internationally distributed components. Compactor shall be assembled with minimum 95% American made components.

Comply: _____ Exception: _____

Compactor shall be equipped with a latch assembly to attach the compactor to specified receiver boxes.

Comply: _____ Exception: _____

1.1.3. Equipment

1.1.3.1. Charging Box Dimensions and Capacity Requirements.

3YD Commercial Compactor

Comply: _____ Exception: _____

Hopper, open top, 3 YD, RH Open FLR, Heavy Duty
Lower Section of Hopper constructed of Steel Plate ¼”
Upper Section of Hopper constructed of Sheet Steel 7 GA
Dimensions-115” Wide, and 103” Deep

Comply: _____ Exception: _____

2.4 Cubic Yard WASTEC (Waste Equipment Technology Association) rated minimum.

Comply: _____ Exception: _____

Compaction chamber clear opening dimensions of 60-3/16” L x 57” W, minimum.

Comply: _____ Exception: _____

Discharge opening dimensions 42-1/2” H x 61-3/8” W, minimum.

Comply: _____ Exception: _____

Cycle Time (Non-Load Maximum) – 54 seconds or less.

Comply: _____ Exception: _____

Total Force – normal – 56,500 lbs.

Comply: _____ Exception: _____

Total Force - Maximum – 67,900 lbs.

Comply: _____ Exception: _____

Ram Face Pressure – normal – 32 PSI

Comply: _____ Exception: _____

Ram Face Pressure – Maximum – 38.4

Comply: _____ Exception: _____

Base Unit Weight – minimum - 5,620 lbs.

Comply: _____ Exception: _____

1.1.3.2. Ram Details.

Face – 59-3/4” W x 29” H, minimum.

Comply: _____ Exception: _____

Penetration into container 13”, minimum

Comply: _____ Exception: _____

Presshead – Face construction ½” plate minimum, with guides UHMW Pads.

Comply: _____ Exception: _____

Presshead – Bottom – ½” AR 235 abrasive resistant hardened plate, minimum.

Comply: _____ Exception: _____

Presshead – Top – ¼” steel plate, minimum.

Comply: _____ Exception: _____

Presshead – Sides – ¼” steel plate, minimum.

Comply: _____ Exception: _____

1.1.3.3. Fabrication Details (Packer)

Housing sides ¼” steel plate, minimum.

Comply: _____ Exception: _____

2” x 6” x 3/16” steel tube, minimum.

Comply: _____ Exception: _____

Housing floor ½” steel plate with 4” steel “C” channel, minimum.

Comply: _____ Exception: _____

Breaking Bar – 6” x 6” x 1” steel angle, minimum.

Comply: _____ Exception: _____

1.1.4. Electrical and Hydraulic

Motor- Shall be 10 HP 1760 RPM, single phase.

Comply: _____ Exception: _____

Control Panel U.L. listed.

Comply: _____ Exception: _____

Motor starter – keyed, start switch, red mushroom stop push button / pull to reverse button 75% light.

Comply: _____ Exception: _____

Cylinder, 6” bore, 3.5” rod, 76” stroke, minimum.

Comply: _____ Exception: _____

Rotary vane pump – capacity 10.5 regen.

Comply: _____ Exception: _____

Hydraulic system design pressure – 2,700 PSI.

Comply: _____ Exception: _____

33 Gallon reservoir, minimum.

Comply: _____ Exception: _____

Multi-Cycle operation, (no selector switch)

Comply: _____ Exception: _____

Pressure gauge (mounted, 15’ hose)

Comply: _____ Exception: _____

Oil Level, sight gauge, spin on oil filter, 20-micron filtering system and oil heater port.

Comply: _____ Exception: _____

1.1.5. Paint

Compactor to be scraped and ground with sharp edges to be ground smooth, all surfaces thoroughly cleaned and primed with one (1) coat of rust inhibiting primer (minimum 2 mil thickness), followed with two (2) coats of high solids industrial enamel (minimum 4 mil thickness). Paint color: Blue.

Comply: _____ Exception: _____

1.1.6. Inspection

Upon delivery and installation of the equipment, a designated representative of the City will inspect the compactor to review compliance with specifications. Failure to meet specifications must be remedied immediately. Failure to provide the City with a fully functional and operable compactor as designed could result in a delay of final acceptance. Any increase in cost or handling resulting from a failure to meet specifications or in providing the City with a fully functional compactor shall be paid for by the contractor.

The City of Lakeland will provide concrete pad for mounting of compactor. The approximate size of pad will be 12 ft. x 60 ft. The City will be responsible for providing proper electrical supply and make final connection from electrical supply to compactor. The City will be responsible for any and all matters relating to codes, permits, lighting, drainage, etc.

Comply: _____ Exception: _____

Contractor is responsible for all freight, installation, unloading, forklift, necessary to complete entire project.

Comply: _____ Exception: _____

1.1.7. Installation

Install all equipment per manufacturers' recommendations and in accordance with all national, state, and local laws and safety standards.

Comply: _____ Exception: _____

Prior to installation any and all items that can be fabricated or assembled offsite prior to delivery or installation should be done so as to reduce installation time and possible project delays.

Comply: _____ Exception: _____

During the installation of the compactor, power connections, water connections, and sanitary facilities at the site will be available for the contractor's use on site during the duration of the project.

Comply: _____ Exception: _____

Any welding or cutting required for the installation of the compactor equipment and / or hopper shall be performed by welders qualified to the AWS D1.1. Contractor shall produce welding certificates to the City representative for all welders working on the assembly of the compactor.

Comply: _____ Exception: _____

2. PARTS

The manufacturer must be able to supply 90 percent of the parts required to maintain this equipment within 24 hours and have access to the remaining 10 percent within 72 hours.

Comply: _____ Exception: _____

3. PARTS MANUAL

Bidder shall furnish a complete parts, maintenance, and operator's manual.

Comply: _____ Exception: _____

4. LITERATURE

Descriptive literature of items offered shall accompany bid and will become a part thereof. Descriptive literature shall include a picture of like make or model of proposed unit.

Comply: _____ Exception: _____

5. "BUMPER TO BUMPER" WARRANTY

The bidder warrants the products furnished to be of the highest quality, complying with specifications and free from all defects in materials and workmanship (Excluding normal wear and tear items, accidents, abuse, and negligence) for a minimum period of five (5) years on all structural members, five (5) years on all parts, and five (5) years for all labor from the date of final acceptance by the City of Lakeland. Bidder shall include with the bid response a copy of the warranty.

Comply: _____ Exception: _____

6. REPAIR RESPONSE TIME

Response time for repairs during the term of the warranty shall be within 36 hours of the notification that repairs are required.

Comply: _____ Exception: _____

7. EQUIPMENT READINESS

The unit shall be completely assembled and adjusted, and all equipment including standard and supplemental equipment shall be installed and the unit made ready for continuous operation. Prior to final acceptance by the City of Lakeland the compactor will be tested to ensure that the compactor meets cycle times, capacity measurements, and will fully load a receiver box to capacity.

Comply: _____ Exception: _____

8. EQUIPMENT – NECESSARY PARTS

All parts not specifically mentioned which are necessary for the equipment to be complete and ready for operation or which are normally furnished as standard equipment shall be furnished by the vendor. All parts shall conform in strength, quality and workmanship to the accepted standards of the industry.

Comply: _____ Exception: _____

9. EQUIPMENT – SAFTEY REGULATIONS

The unit / equipment provided shall meet or exceed all Federal and State of Tennessee safety, health, lighting and noise regulations and standards in effect and applicable to unit / equipment furnished at the time of manufacture.

Comply: _____ Exception: _____

10. DECALS / MARKINGS

Vendor will not place any decals or markings of any type pertaining to advertisement other than trademarks or model designation normally installed by manufacturer on equipment delivered.

Comply: _____ Exception: _____

11. COMPACTOR RECEIVER BOX:

Supply quantity of two (2), 30 cubic yard, 16 ft. receiver boxes. Please quote boxes in an Octagon shape and a Rectangular shape as an alternate. The receiver boxes shall connect to the compactor in order for the materials dumped into the hopper can be compacted into the receiver boxes. Delivered to City of Lakeland.

Comply: _____ Exception: _____

11.1. Octagon Receiver Box: Specifications.

- a. 30 cu.yd.
- b. 16 ft. main rails
- c. 1/4" steel floors
- d. 18" steel centers under floors
- e. 10-gauge Steel side walls
- f. Standard opening
- g. A frame installed for use on Swaploader model SL240.
- h. Floor sheet: 1/4" x 66" wide.
- i. On 18" Centers
- j. Main Rails: 6 x 2 x 3/16.
- k. Understructure: 3" C channel
- l. Side Walls: 10 gauge with 3" sheet overlap.
- m. Front rollers: 4" diameter x 6" with grease zerk.
- n. Cable hook: 1-1/4" plate welded to the understructure.
- o. Front ground rollers: 8" diameter x 4" with grease zerk.
- p. Rear ground rollers: 8" diameter x 10" with grease zerk.
- q. Door: 3 x 4 x 3/16 tubing with 10-gauge sheeting.
- r. Door Hinges: 4 triple joint hinges with grease zerk.
- s. Push plate: 24" x 24".
- t. Door lock assembly: slam lock system with 4 latch plates & handle locking pin.
- u. Rear posts: 6 x 3 x 1/4 tubing.

- v. Reinforced ratchet lock.
- w. Paint: Primed and painted Blue.

Comply: _____ Exception: _____

ALTERNATE RECEIVER BOX

11.2. Rectangular Receiver Box: Specifications

- a. 30 Cu. Yd., 15ft. main rails.
- b. 1/4" floors, 18" centers under floors.
- c. 10-gauge side walls
- d. Standard opening
- e. 24" Post spacing
- f. A frame installed for use on Swaploader model SL240.
- g. Floor Sheet: 2-1/4" x 48" wide.
- h. On 18" centers.
- i. Main rails: 6 x 2 x 1/4.
- j. Understructure: 3" C channel.
- k. Side Walls: 10-gauge.
- l. Side 10-gauge formed interlocked channels.
- m. Front rollers: 4" diameter x 6" diameter with grease zerk.
- n. Cable hook: 1-1/4" plate welded to the understructure.
- o. Front Ground Rollers: 8" diameter x 4" with grease zerk.
- p. Rear Ground Rollers: 8" diameter x 10" with grease zerk.
- q. Door: 3 x 4 x 3/16 tubing with 10-gauge sheeting.
- r. Door Hinges: 4 triple joint hinges with grease zerk.
- s. 3 x 4 x 3/16 Side posting and top posting with 24" spacing.
- t. Push Plate: 24" x 24".
- u. Door Lock Assembly: Slam lock system with 4 latch plates and handle locking pin.
- v. Rear posts: 3 x 4 x 3/16 tubing.
- w. Reinforced ratchet lock.
- x. Paint: Primed & Painted Blue.

Comply: _____ Exception: _____

MISCELLANEOUS INFORMATION FOR ALL BIDDERS

Delivery: The winning vendor will deliver the unit to the City of Lakeland, Tennessee.

Manuals: Two (2) complete sets of operator's manuals, (2) sets of service manuals, and one (1) parts manual shall be supplied.

Warranty: Specify in writing, to include all parts and labor F.O.B. Lakeland, for a minimum 12 month period.

Note: All areas in the above specifications are to be met, or bidder shall give any discrepancies for consideration. Failure to provide information on the bid will be considered as incomplete and will be rejected.

Additional

Information: If additional information is required, written instructions shall be issued. No oral instructions or interpretations will be considered binding unless confirmed in the form of addenda and shall be furnished to all bidders who shall submit a signed copy of all addenda with their bid.

All contacts should be made through Emily Harrell, City Engineer, at eharrell@lakelandtn.org or (901) 317-5025.

Final

Payment: A completed invoice from the vendor shall be presented for payment after delivery and acceptance of the units bid. No partial payments will be approved as part of this contract.