

**REQUEST FOR BIDS 2017-4  
Solid Waste Stationary Compactor and  
Octagon Compactor Receiver Container**

**Freeport Transfer Station  
Hedgehog Mountain Road  
Freeport, Maine**

1. RECEIPT OF BIDS

The Town of Freeport will receive sealed Bids, clearly marked and addressed to: Bid for Compactor and Receiver Container, c/o Freeport Transfer Station Manager, Town Hall, 30 Main Street, Freeport, Maine 04032 until 1:00 pm prevailing local time on Tuesday, June 20, 2017, at which time the Bids will be publicly opened and read aloud.

2. PROJECT and SCHEDULE

The installation of the new compactor and receiver container shall consist of all work necessary to complete the project, described in general as follows.

Furnish and install the specified compactor on the existing concrete pad following manufacturer's specifications, and provide one 45 cubic yard Octagon Compactor Receiver Container. The compactor is to be connected to the existing single phase electrical service located at the existing concrete pad with a VFD unit to provide three phase power for the compactor motor.

If changes are proposed to any elements in the electrical set up or other arrangement, they must be noted in the Bid and approved by the Town before they are accepted. The Town encourages the proposal of optional design changes that will lower the project's cost and provide the same quality and function.

The Contractor may begin work after a contract is signed, estimated to be within 14 days of bid opening. The project schedule shall consider the fact that the Transfer Station is open to the public Wednesdays through Saturdays and the installation of the compactor must be started and completed between Sunday and the end of the day on Tuesday, when the facility is closed to the public. The work shall be completed by August 15, 2017.

3. BID FORM

The Bid shall be made on the Contractor's letterhead, and signed by an authorized representative. The total bid price shall be a lump sum amount for the complete project as described, with a breakdown that includes at least a separate price for the compactor work and for the octagonal container. The Contractor may also submit an additional lower cost bid for an alternative design that is clearly described by the Contractor in the bid. If an alternate design is proposed, the associated alternate bid price should be clearly identified as such. The Bid shall acknowledge the receipt of addenda, if any are issued.

4. REFERENCES

The Bidder shall include references from three representative projects performed within the past year. Include location of project, contact name, and telephone number.

5. AWARD OF CONTRACT

The Town of Freeport reserves the right to reject any or all Bids and to waive any irregularities in this bidding process. The successful Bidder shall be required to furnish the necessary Insurance Certificates prior to start of work.

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6. Contract Documents

The selected Bidder will be expected to enter into a contract agreement in a form acceptable to both the Town and the Contractor. The Agreement will reference this Request for Bids, attachments, and the submitted Bid Proposal.

7. INSURANCE AND BONDS

The Contractor shall provide the following insurance and bonds for the project.

Commercial General Liability Insurance

- Each occurrence limit: \$500,000
- General Aggregate: \$1,000,000
- Products/ Completed Operations Aggregate: \$1,000,000 to be maintained for one year after Final Completion
- Personal and Advertising Injury limit: \$500,000

Comprehensive Automobile Liability Insurance

- Combined Single Limit and Property Damage: \$1,000,000
- Bodily Injury: \$500,000 each person
- Bodily Injury: \$500,000 each occurrence
- Property Damage: \$500,000 each occurrence

Workers' Compensation Insurance

The Contractor shall show evidence of current Workers' Compensation coverage for the time they are working for the Town, or show an approved Application for Predetermination of Independent Contractor Status.

8. PAYMENT PROVISIONS

The Town will make payments as follows. Initial payment of 95% shall be made once the compactor and container are installed and operating according to manufacturer's specifications. The final payment of the remaining 5% payment will be paid one year from the completed installation date upon successful operation of unit and warranty.

9. BASIS OF BID

Before submitting a Bid, each Bidder must (a) examine the Bid Documents thoroughly, (b) visit the site to familiarize themselves with local conditions that may in any manner affect cost, progress, or performance of the work, (c) familiarize themselves with federal, state and local laws, ordinances, rules and regulations that may in any manner affect cost, progress, or performance of the work; and (d) study and carefully correlate Bidder's observations with the Bid Documents.

The submission of a Bid will constitute an incontrovertible representation by the Bidder that he has complied with the foregoing provisions and that the Bid Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the work.

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**10. GENERAL CONDITIONS**

The following items are attached and made a part of the Bid Documents.

- A. The Contractor guarantees all material and equipment furnished and all work performed for a period of 1 year from the date of substantial completion of the contract. The Contractor guarantees that the equipment is free from defects due to faulty materials or workmanship and the Contractor shall make the necessary corrections to correct these defects.
- B. The Contractor agrees to pay all claims for labor, materials, services, and supplies and agrees to allow no such lien to be fixed on the property of the Town of Freeport.
- C. The actual performance of work and superintendence shall be performed by the Contractor but the Owner shall, at all times, have access to the premises for the purpose of observing or inspecting the work performed by the Contractor.
- D. It is fully understood and agreed that none of the requirements of this contract shall be considered as waived unless changes are made in writing and then only by the persons executing this contract upon concurrence of the Town of Freeport.
- E. The Contractor agrees not to sublet or assign this work without the written consent of the Transfer Station Manager.
- F. The Contractor shall indemnify and hold harmless the Town of Freeport and its agents and employees, from and against all losses and all claims, demands, payments, suits, actions, recoveries, and judgments of every nature, and description brought or recovered against them by reasons of any act or omission of the said Contractor, its agents, or employees, in the execution of the work or in guarding the same.

**11. QUESTIONS AND ADDENDA**

The Bidding Documents for this project are available on the Town's website at [www.freeportmaine.com](http://www.freeportmaine.com). Questions can be directed to Suzanne Duplissis at 207-865-3740 or [sduplissis@freeportmaine.com](mailto:sduplissis@freeportmaine.com) until June 12, 2017, with answers provided no later than June 15, 2017. If an Addendum or Addenda are issued, they will be available on the Town's website. It is the Bidders' responsibility to check the website for Addenda 24 hours prior to the bid opening. Although phone calls will be taken, any answers given over the phone or through other processes will not be binding. Addenda, if any, must be acknowledged in the submitted Bid Proposal.

**12. ATTACHMENTS**

The following items are attached and made a part of the Bid Documents.

- Bid Proposal
- Project Description and Supplemental Specifications

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**PROJECT DESCRIPTION AND SUPPLEMENTAL SPECIFICATIONS**

The Contractor shall furnish all materials, labor, tools, equipment, and supervision necessary for furnishing and installing the work required for this project. The project consists of furnishing and installing a new (not refurbished) stationary compactor with octagon receiver container at the facility property of 100 Hedgehog Mountain Road, Freeport, Maine. The compactor will be used for recyclable materials and must meet specific requirements.

**Compactor Requirements**

**Design and Construction Features**

- 4 cubic yard charge chamber, WASTEC rating no less than 2.59 cubic yards
- 3 sided steel doghouse with double doors, 60" wide by 65" tall, and safety interlock switch
- Loading height to be no more than 49 inches
- Clear top opening to be minimum 60 inches by 50 inches
- Full cycle time no more than 60 seconds
- Hydraulic system to include a thermostatically controlled heater for operation at -20°F
- Minimum ram cylinder size to be 6 inch bore and 4 inch rod
- Steel minimum thickness: Ram face ½ inch; ram top 1/4 inch; other plates ¼ inch; all reinforced to prevent deformation of plates
- Ram height no less than 30.5 inches; maximum ram force no less than 56,000 pounds; ram penetration no less than 14 inches
- Paint shall be applied to clean steel free of sharp edges in the factory with primer and finish enamel, color to be Medium Blue
- Electric motor shall be rated at 10 horsepower, tri-volt, TEFC motor, UL/CUL Listed Multicycle Timer
- Provide a single Variable Frequency Drive (VFD) unit to deliver 3 phase power to the compactor from the existing single phase power 60 amp service located at the existing concrete pad. Disconnect switch to be mounted on compactor unit. VFD unit shall be installed by the Contractor and mounted to the compactor unit and meet all manufacturer and environmental requirements of the VFD unit.
- The hydraulic oil heater shall be connected to a separate circuit made available by the Town at the existing concrete pad.

**Safety Requirements and controls**

- Comply with ANSI Z.245.2
- Indicator lights of ¾ and 100% full
- Keyed auto and manual toggle, and emergency stop button
- Forward and reverse toggle
- UL labeled panel box type NEMA 4
- Provide key actuated start switch and emergency stop button
- Compactor shall comply with all ME-OSHA requirements

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Installation Requirements

- Installation shall comply with all State of Maine and Town of Freeport Code requirements. Compactor installer to secure an electrical permit from the Town of Freeport and schedule required inspection(s); fee will be waived.
- Compactor must be bolted to existing concrete pad in such a way as to ensure secure placement.
- Steel guide rails will need to be provided and anchored to existing concrete pad to accommodate the new receiver container.
- VFD unit shall be installed and programmed for proper operation by the Contractor.
- Provide on-site training on the operation, maintenance, and safety features to the Transfer Station Manager.

Warranty

- Provide a minimum 1-year complete parts and labor warranty on the entire installation.
- Proposer shall respond on site within 48 hours of call for warranty service.

**Octagon Compactor Receiver Container Requirements**

**Overall**

- 45 cubic yard closed top octagon container
- Compaction rating 100,000 lbs. maximum

**Floor**

- ¼" floor plate, 3 pieces
- 3 inch structural channel on 18 inch spacing
- Rails shall be 2" x 6" x 3/16" structural tube, all prime material with no splits or joints
- Solid steel bullnose inserted into tube for added strength (butt welded on outside of tubes is not acceptable)
- Gussets on every other cross member 3/16" plate
- Wheels shall be heavy duty construction, front 8" diameter x 5" wide, rear 8" diameter x 8" wide. Wheel axle mounting brackets will be a minimum of 1/2" thick steel, 7 ½" x 7 1/2". Rollers shall be 4" diameter x 4 ½" long. Shaft for roller must be inserted through bullnose and be grease-able. The hook is 1 ¼" hi-tensile steel, inserted through 1" hook plate, locked in and full welded both sides. Hook and hook plate must carry a lifetime guarantee.

**Sides**

- 7 gauge steel, 10 gauge upper formed plates, three piece upper, three piece lower, with one horizontal and two vertical seams, full welded on outside and stitched on the inside. Bottom of side plate welded to floor plate on outside. Upper side piece shall be formed to allow adequate lap for roof panel support. Sides shall be tapered front to rear 8" total.

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**Door/Front**

- Door shall have horizontal and vertical 3" x 4" x 1/8" structural tubes. All tubes shall be prime material, one piece, no splits or joints. Opening for compaction shall be framed in 3" x 4" x 1/8" gauge structural tubing and 3" channel. Twelve 3/8" diameter "J" hooks shall be provided. Door plate shall be 12 gauge. Semi-automatic locking system with vertical lift handle. Fabricated from 1-1/2" heavy steel bar. All areas of stress reinforced and double welded.

**Roof**

- Roof shall be 12 gauge plate, full welded both inside and outside.

**Bulkhead/Back**

- 7 gauge bottom, 10 gauge upper, with two vertical structural supports

**Paint**

- Paint shall be applied to clean steel free of sharp edges in the factory with primer and finish enamel, color to be Medium Blue.

**Silence of Specifications**

The apparent silence of this specification and any supplemental specifications as to any detail or the omission from it of detailed description concerning any point shall be regarded as meaning that only materials of first quality and correct type, size and design are to be used. All workmanship is to be first quality. All interpretations of this specification shall be made upon the basis of this statement.

**Detail Inspection**

Upon delivery of the container, the customer will inspect the container to assure compliance with specifications. Failure to meet specifications authorizes the customer to purchase container elsewhere. Any increase in cost or handling shall be paid by the defaulting contractor.