

BID INVITATION	07-42-B, 30 Yard Self-Contained Compactor	
AIKEN COUNTY, SOUTH CAROLINA, a body politic and corporate and a political subdivision of the State of South Carolina	Mail or Carry Bids to: Central Procurement Division Room 216 828 Richland Ave., W. Aiken, SC 29801 Telephone #: (803) 642-1542	
Bids will be received until 3:00 p.m. on June 11, 2007 and then Publicly Opened in Room 216		

Vendor Name: _____ Federal ID #: _____

Address: _____ Local Preference? Yes No (See general conditions)

#14)

City, State Zip: _____

Telephone #. (____) _____ Fax #. (____) _____ e-mail _____

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same materials, supplies, or equipment, and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this bid, that I have read and understand all instructions and conditions in the bid document, and verify that I am authorized to sign this bid for the bidder. I further state that the company affiliated with this bid currently complies with all applicable federal and state laws and directives relative to non-discriminatory practices in employment and is not barred or suspended from bidding with any government organization.

Signature: _____

Name (printed/typed): _____ Title: _____

INSTRUCTIONS TO BIDDERS

1. **Submit bids in a sealed envelope with the bid number as well as the time and date for opening prominently marked on the outside.**
2. Bids must be submitted at the time, date and exact location specified to be considered. No late bids, telegraphic, or telephonic bids will be accepted.
3. All bids shall be signed by an authorized officer or employee of the bidder.
4. On the form provided in the bid, all information requested of the bidder must be entered in the

appropriate space on the original forms. Failure to do so may be grounds for disqualification.

5. All information shall be entered in ink or typewritten. Mistakes may be crossed out and corrected prior to submission, if initialed by the person signing the bid.
6. Corrections and/or modifications received after the closing time specified will not be accepted.
7. Time of delivery, defined as the number of calendar days between receipt of the order by the bidder and the receipt of goods or services by Aiken County, may be considered as one factor in determining the award.
8. Prices will be considered net if no discount is shown.

GENERAL CONDITIONS

1. Aiken County reserves the right to award bids received on the basis of individual items, groups of items, or the entire list of items; to reject any and all bids; and to waive any technicalities.
2. Unit prices will govern over extended prices. Prices must be quoted as requested. Prices that are not in compliance with the request may be considered non-responsive.
3. In case of tie bids, price and quality being equal, preference shall be given to Aiken County vendors. In every case, Aiken County reserves the right to make awards deemed to be in the best interest of the County.
4. The Evaluation of the bids and the determination as the equality of the product offered is the responsibility of Aiken County, and will be based on information furnished by the bidder in the bid.
5. Unless otherwise indicated in the bid notice, prices must be firm, and remain in effect for ninety (90) days. Ambiguous bids that are uncertain as to fees, delivery, or compliance with specifications may be rejected or disregarded.
6. Brand names and numbers, when used, are for reference only to indicate character or quality desired and do not indicate a preference.
7. Equal items will be considered; equal items shall state the brand name or quality; and Aiken County's determination of what shall constitute equality shall be final and conclusive.
8. When brand name, number, or level of quality is not stated by the bidder, it is understood that the offer is exactly as specified.
9. Sales, use, or excise taxes must not be included as any part of the bid price. These taxes, as

well as any handling and shipping charges, must be shown as separate items. Shipping charges will be considered as a factor in determining awards.

10. Samples of any articles deemed necessary shall be furnished free of any cost to Aiken County. These samples may be retained for future comparisons. Any samples not destroyed by testing or not retained for comparisons will be returned to the bidder at the bidder's expense upon request.
11. Aiken County does not assume responsibility for any costs incurred during the preparation of this bid.
12. The successful bidder shall indemnify and hold harmless Aiken County, its officers, agents, and employees, from all suits or claims of any character brought by reason of infringing on any patent, trade mark, or copyright.
13. In case of default by contractor, Aiken County reserves the right to purchase any or all items in default in open market, charging the contractor with any excess costs. Periods of performance may be extended if the facts as to the cause of delay are justified in the opinion of the proper Aiken County officials.
14. Aiken County utilizes local preference for the purpose of determining the low bidder. Vendors who maintain a place of business in Aiken County, and have done so for at least 90 days, qualify for local preference. A factor of 5% for prices under \$5,000, 4% for prices between \$5,000 and \$10,000 and 3% for prices over \$10,000 will be added to proposals which do not qualify, up to \$2000.00. Vendors should check the appropriate box on the front of the bid invitation to indicate their status.

GENERAL PROVISIONS

1. **ORDER OF PRECEDENCE:** In the event of inconsistency between the provisions of this solicitation, the inconsistency shall be resolved by giving precedence in the following order: (A) Aiken County Ordinance Number 87-5-25 and amendments, (B) The bidding schedule, (C) General Provisions, (D) Instructions to Bidders, and General conditions, (E) Other provisions of the contract whether incorporated by reference or otherwise, and (F) the Specifications.
2. **S.C. LAW CLAUSE:** Upon award of a contract or Purchase Order under this bid, the person, partnership, association, or corporation to whom the award is made must comply with the laws of South Carolina that require such person or entity to be authorized and/or licensed to do business in this state. Notwithstanding the fact that applicable statutes may exempt or exclude the successful bidder from requirements that it be authorized and/or licensed to do business in this state, by submission of this signed bid, the bidder agrees to subject itself to the jurisdiction and process of the courts of the State of South Carolina, to all matters and disputes arising or to arise under the contract and performance thereof, including any

questions as to the liability for taxes, licenses, or fees levied by the State.

3. **EXCUSABLE DELAY:** The contractor shall not be liable for any excess costs if the failure to perform the contract arises out of causes beyond the control and without the fault or negligence of the contractor. Such causes may include, but are not restricted to acts of God or of the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case the failure to perform must be beyond the control and without the fault or negligence of the contractor. If the failure to perform is caused by the fault of a subcontractor, and if such default arises out of control of causes beyond the control of both the contractor and subcontractor, and without the fault or negligence of either of them, the contractor shall not be liable for any excess costs for failure to perform, unless the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the contractor to meet the required delivery schedule.
4. **AWARD CRITERIA:** Award will be made to the lowest responsible bidder who submits a responsive bid that Aiken County considers to be most advantageous to its own interests.
5. **SPECIFICATIONS:** Any deviation from specifications in the bid solicitation must be clearly pointed out; otherwise, it will be considered that the items offered are in strict compliance with these specifications, and the successful bidder will be held responsible therefor. Unless otherwise stated, it is understood and agreed that any item offered or shipped on this bid shall be new and suitable for storage or shipment, and that prices include standard commercial packaging.
6. The bidder must assume that any purchase, responsibility, insurance, and action or activity which is necessary for the satisfactory operation of the services requested in the invitation to bid, but which is not specifically designated as an Aiken County responsibility, is a responsibility of the Contractor's operation, and the bidder shall include these in the response to this invitation to bid accordingly.

**BID PROCEDURES MUST COMPLY WITH THE PROVISIONS OF THE AIKEN COUNTY PURCHASING
ORDINANCE**

One (1) 30-yard, Self-Contained Compactor (per the attached specifications):

_____ (Delivered and Installed)

SPECIFICATIONS FOR SELF-CONTAINED COMPACTION UNIT

Quantity: **1 – 30 Yard Self-Contained Unit.**

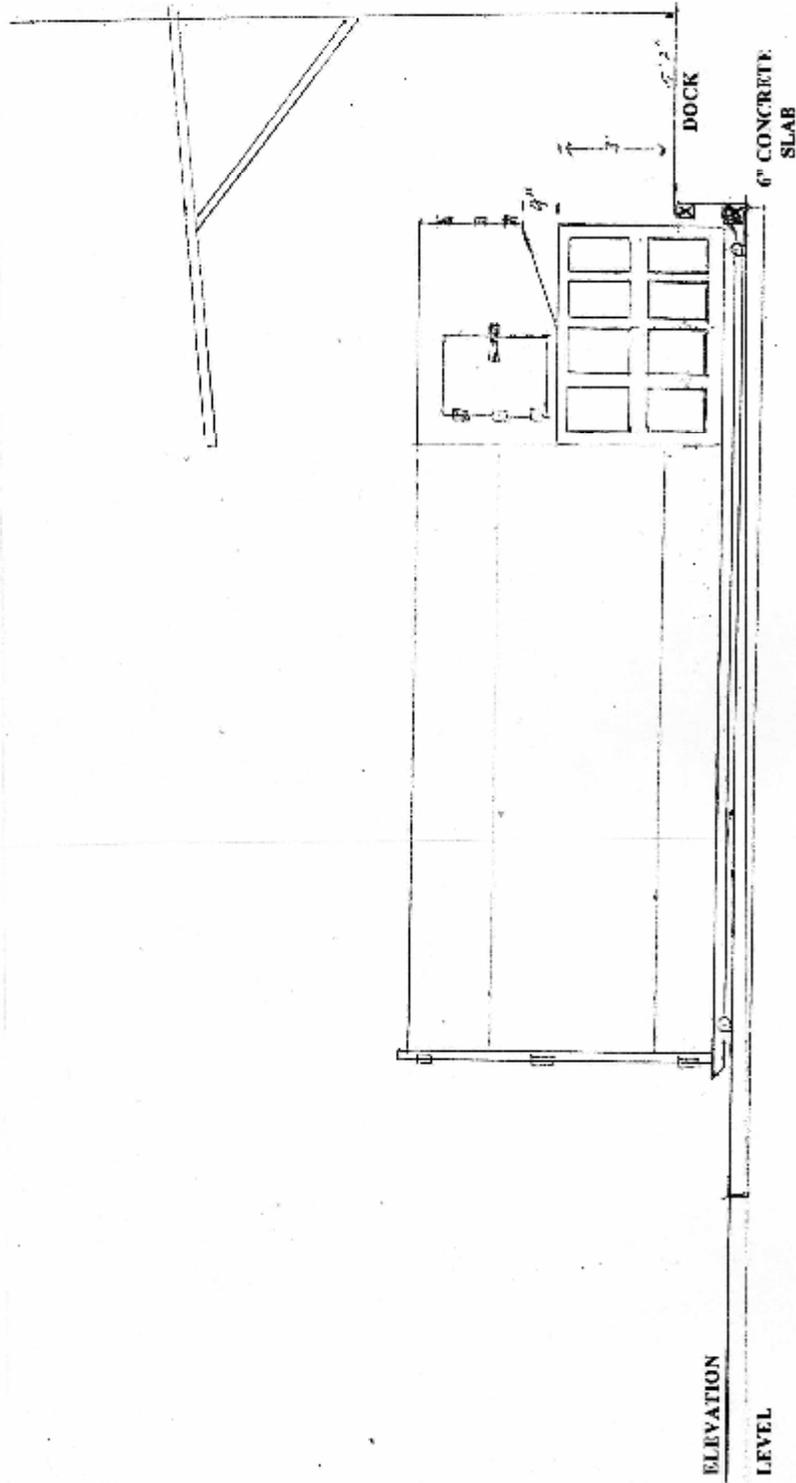
The self-contained compaction unit shall be current model for which published specifications are available and shall meet all Federal Standards in effect at the time of bid.

Specification	Description	Met		Explanation
		Yes	No	
<u>FINISH:</u>				
	<ul style="list-style-type: none"> ○ All surfaces to be cleaned free of sharp edges and primed inside and out; exterior finish painted with alkyd enamel, color: green – to be selected by County. 			
<u>DIMENSIONS:</u>				
	<ul style="list-style-type: none"> ○ Overall length – 255” or +/- 12” 			
COMPACTOR				
<u>CHARGE BOX CAPACITY:</u>				
	<ul style="list-style-type: none"> ○ Minimum charge box capacity of 2 cubic yards with a NSWMA rating of no less than 1.5 cubic yards. ○ Load Height of 48” - 51 inches 			
<u>CLEAR TOP OPENING:</u>				
	<ul style="list-style-type: none"> ○ Minimum clear top opening 60” W x 40”L. (+/- 5”) 			
<u>DOGHOUSE:</u>				
	<ul style="list-style-type: none"> ○ Doghouse, enclosed, is to be affixed to compactor. See attached sample drawing. ○ Rear feed that ends flush with rear of compactor box is to have a lockable door and slanted bottom that slants down to front edge of compactor opening. Bottom of door is to be 64 inches from ground and hinged on left. ○ Cleanout door is to be placed on left side with a lockable door. ○ Corners are to be rounded. 			
<u>DISCHARGE OPENING:</u>				
	<ul style="list-style-type: none"> ○ Minimum of 30” X 60” 			
<u>STRUCTURE CHAMBER:</u>				
	<ul style="list-style-type: none"> ○ Sides – minimum ¼” steel plate, reinforced by 4” structural sections welded perpendicular to the sides. ○ Floor – minimum ½” steel plate reinforced in its length by 4” channels at 5.4#. ○ Rear cylinder supports – two (2) 12” structural channels at 20.7 ○ Ram – minimum ½” face plate reinforced by a fabricated structure capable of sustaining the maximum pressures generated by the compactor; Ram top minimum 3/8” plate supported with 6 formed 7 gauge cross members 			
<u>HYDRAULIC:</u>				
	<ul style="list-style-type: none"> ○ Pump capacity – minimum 12 GPM constant volume pump ○ System Pressure – Normal system pressure, 2200 PSI and maximum system pressure 2,500 PSI. ○ Hydraulic cylinder bore - minimum of - 4” bore with a stroke of 35” and 2” rod. ○ Hydraulic oil heater and pressure gauge are to be included. ○ Access – normal end slide door for maintenance/removal of cylinder. 			
<u>ELECTRICAL/ POWER PACK:</u>				
	<ul style="list-style-type: none"> ○ Motor shall be 10 or 15 HP – 3 Phase 60 cycle, 208 volts, electrical control voltage 120 VAC. ○ Control System – Lock box contained in weather proof NEMA 13 enclosure. 			

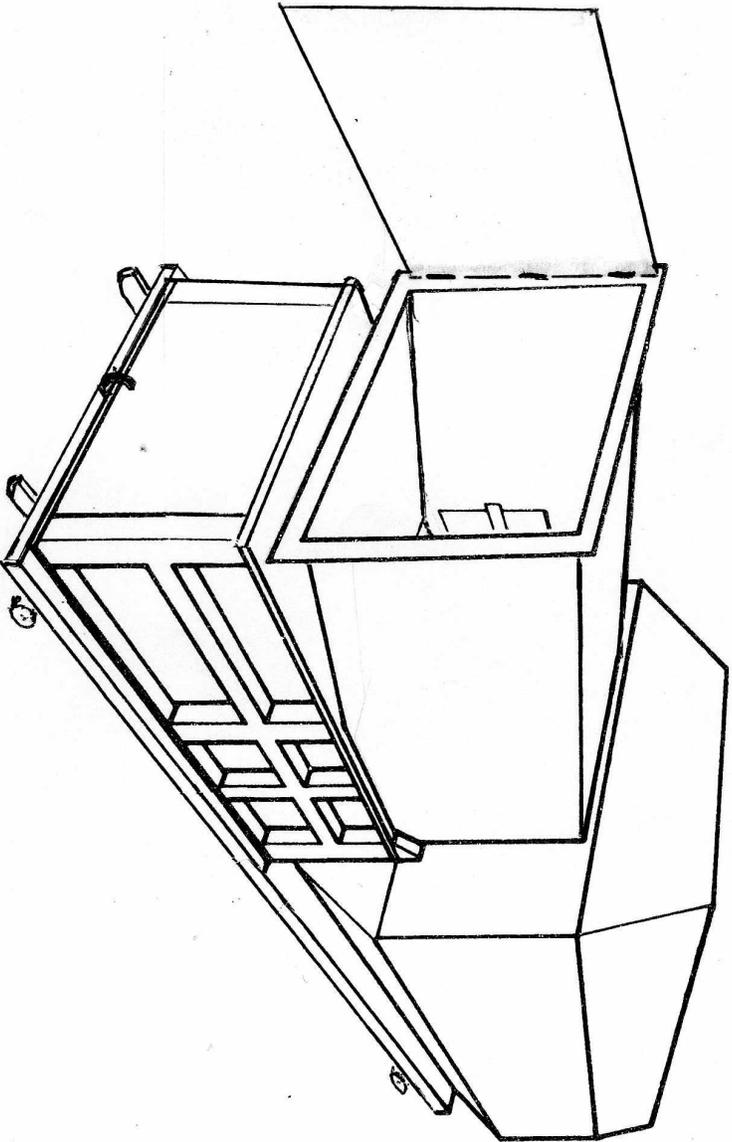
<ul style="list-style-type: none"> ○ Mounted separate from self-contained compactor as standard equipment. The panel box is to be UL approved and conform to ANSI Z245.21.2004 standards. ○ Remote Option: Simplified two-step operation, Key lock start/button stop; key operated and fully automatic with 80% warning light. ○ Fully enclosed. 			
<p><u>PERFORMANCE:</u></p> <ul style="list-style-type: none"> ○ Unit shall have a cycle time of 35 seconds <u>or less</u>. Unit shall have a normal force of at least 55,000+ lbs., a total maximum force of 62,800 lbs. and a minimum ram penetration of 6”. ○ Normal Ram Face pressure of 23.7 PSI ○ Maximum Ram Face pressure of 25.9 PSI 			
<p><u>CERTIFICATION:</u></p> <ul style="list-style-type: none"> ○ Compactor unit shall be certified to be in compliance with ANSI Z 245.1 safety standards. Compactor units shall be fully tested at the factory and shipped full of hydraulic fluid. 			
CONTAINER			
<p><u>STRUCTURE:</u></p> <ul style="list-style-type: none"> ○ Style – Octagon Type 30 yard capacity ○ Floor, sides, front and door – 3/16” (7gauge) steel plate minimum. ○ Roof – 10 gauge steel plate. ○ Door frame – 3” x 4” x 11 gauge tubing. ○ Cross Members – 3” structural channel cross members on 16” centers minimum. Each cross member is gusseted and welded to the rails. ○ Rails – 6” x 2” x 3/8” structural tubing, rail bull nose or nose cone 2” plate. ○ Two inch plate to extend 12” vertically up both front braces. ○ Angle lip on rear door for cover securing cord hook ¼” angle mounted flush with outside lip door, pointing down. 			
<p><u>DIMENSIONS:</u></p> <ul style="list-style-type: none"> ○ Width of container – maximum 96” overall. ○ Height of container – maximum 105” overall. ○ Rails – maximum 37” inside, minimum 36 ½” inside. 			
<p><u>WHEELS:</u></p> <ul style="list-style-type: none"> ○ 8” diameter x 8” front and rear wheels with grease fittings. ○ Minimum 69” inside (wheel to wheel). ○ Maximum 85” outside (wheel to wheel). 			
<p><u>GUIDE ROLLERS:</u></p> <ul style="list-style-type: none"> ○ 4” Diameter x 6” long with grease fittings. 			
<p><u>CABLE HOOK:</u></p> <ul style="list-style-type: none"> ○ 1 ¼” Steel hook, 36,000 PSI minimum yield strength, continuously welded to ¾” plate and braced/welded to frame. Minimum 6” clearance between hook end and body to permit passage of cable hook on both ends 			
<p><u>DOOR/HINGES:</u></p> <ul style="list-style-type: none"> ○ Door to close on floor, hinged on curbside, safety door latch – pin latch type – minimum 3 latches; door safety chain with positive securing devise for closed and open positions (open key hole or hook types NOT acceptable). Minimum (3) heavy-duty door hinges with grease fittings. Door hinge pins 1 ½” in diameter. 			
<p><u>GENERAL:</u></p> <ul style="list-style-type: none"> ○ Sides – solid weld to floor interior and exterior. ○ Serial number – welded to container. 			
<p><u>WARRANTY:</u></p> <ul style="list-style-type: none"> ○ Minimum – 3 years structural and 1 year parts and labor. 			
<p><u>INSTALLATION:</u></p> <ul style="list-style-type: none"> ○ All delivery, set-up, and installation charges or costs shall be included 			

in the bid price.		
<u>Vendor's delivery date will be:</u>		
<u>Complete specifications for unit are attached.</u>		

AIKEN COUNTY PUBLIC WORKS & ENGINEERING
 Aiken, SC 29801



30 YARD SELF-CONTAINED COMPACTOR



30 Yard Self-Contained Unit with Front Feed Dog House and Lockable Doors
REDESIGN FOR ABOVE DROP FEED SAFETY CHUTE