

LEGAL NOTICE
Sanitation Compacter Compatible Refuse Ejector Trailer
City of Ashtabula
BID

The City of Ashtabula is soliciting bids for a Compacter Compatible Refuse Ejector Trailer by the City Manager of the City of Ashtabula, Ohio at his office in the Ashtabula Municipal Building, 4717 Main Avenue, Ashtabula, OH 44004, until 10:00 a.m. August 24, 2023.

Interested parties should contact the Administrative Office of the City Manager to obtain a copy of the BID at 440-992-7183, or by email to: bsanders@ashtabulacity.com.

Sanitation Compacter Compatible Refuse Ejector Trailer

The City reserves the right to reject any or all Bids, to waive any informalities or irregularities in the Bid received and to accept any RFP which is deemed most favorable to the City of Ashtabula.

The City is an Equal Opportunity Employer.
The City of Ashtabula, Ohio
James M. Timonere
Ashtabula City Manager

Publish: August 11, 2023 and August 18, 2023

**CITY OF ASHTABULA
4717 MAIN AVENUE
ASHTABULA, OHIO 44004
2023**

**Sanitation Compacter Compatible Refuse Ejector Trailer
Bid Documents**

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DATED: _____

NAME, ADDRESS AND PHONE NUMBER OF BIDDER:

(PLEASE DO NOT DETACH ANY PORTION OF THIS BID PACKAGE)

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II. INSTRUCTIONS TO BIDDERS

1. Except as otherwise provided herein, the Instructions to Bidders, Proposal Form, and all Specifications, drawings and other documents referred to herein shall be a part of the contract.

2. **DEFINITIONS**

- A. The term "Bidder" or "Contractor" shall mean the corporation, partnership, or individual proposing or under contract to furnish the service, material, labor and/or equipment listed in the specifications.
- B. The term "City" shall mean the City of Ashtabula.
- C. "Calendar day" shall mean every day shown on the calendar.
- D. "City Manager" shall mean the Ashtabula City Manager or his duly authorized representative.

3. **PROPOSAL**

To be entitled to consideration, a proposal must be made in accordance with the following instructions:

- A. **Preparation:** Each proposal shall be submitted on the forms furnished by the City. All signatures shall be clearly and legibly written in long hand. No oral, telegraphic or telephonic proposal or modifications will be considered. Each proposal shall show the break down for each item as directed on the Proposal-Contract Form. All bids shall be considered informal which contains items not specified in the Proposal-Contract Form.

Prices of material and equipment shall include hauling and delivery to any place designated on the City's purchase order, within the corporate limits of the City. In the event of a discrepancy between unit bid prices and extensions thereof, the unit bid price shall govern.

- B. **Names of Bidders:** Each bid shall give the full business address of the Bidder and be signed by him with his usual signature. Bids by partnerships shall furnish the full names of all partners and shall be signed with the partnership name by one of the members of the partnership or by an authorized representative, followed by the signature and title of the person signing.

Bids by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and title of the President, Secretary, or other person authorized to bind it in the matter. The name of each person signing shall also be typed or printed below the signature. A bid by a person who affixes to his signature the word "President", "Secretary", "Agent", or other title without disclosing his principal, may be held to the bid of the person unless he provides evidence of the authority that he is signing in behalf of a corporation or partnership.

- C. **Delivery:** The bid shall be sealed in an envelope, addressed to:

City of Ashtabula
City Manager
4717 Main Avenue
Ashtabula, Ohio 44004

and delivered to the office of the City Manager on the date set forth in the legal advertisement. The sealed envelope shall also bear the name of the Bidder, the general item or items bid on, and the date the bids are to be opened. Proposals will be received until the date and time specified in the legal advertisement. Bids will be opened and read immediately thereafter, in the Manager's Office, First Floor, Municipal Building.

- D. **Bid to Include All Work:** Each bid shall include all work described in the Instructions to Bidders, Specifications, Proposal Form and any or all drawings, maps, charts or graphs.
- E. **Withdrawal of Proposal:** Permission will not be given to withdraw or modify any proposal after it has been deposited as provided above. Negligence on the part of a Bidder in preparing the bid confers no right for the withdrawal of the bid after it has been opened.

- F. **Acceptance or Rejection of Proposal:** The City reserves the right to accept any part of any bid and reject all or parts of any and all bids, and waive any informalities in bidding at any time within sixty (60) days after the same are opened as provided above. The City reserves the right to reject any or all bids. In determining the award, each item, if so specified, may be considered and awarded separately.
- G. **Specifications:** Specifications and Proposal forms are minimum, and will be used as a basis for comparison of the bids only.
- H. **Informal Proposals:** Proposals will be considered informal and may be rejected for the following reasons:
1. If the proposal is on a form other than that furnished by the City or if the form is altered or any part thereof detached; and
 2. If there are unauthorized additions, conditional or alternate bids, or other irregularities of any kind which may tend to make the proposal incomplete, indefinite or ambiguous as to its meaning; and
 3. If the Bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award. (This does not exclude a bid limiting the maximum gross amount of awards acceptable to any one Bidder at any one bid letting provided that any selection of award will be made by the City.); and
 4. If the proposal does not contain a unit price for each item.

4. **BIDDERS**

- A. **Competency of Bidders:** No bid will be considered unless the Bidder submitting the same shall furnish evidence satisfactory to the City Manager that he has the necessary equipment, ability and financial resources to fulfill the conditions of the contract and specifications. Previous experiences and responsibility of the Bidders will be considered in awarding the contract. No contract will be awarded to any Bidder who is in arrears to the City upon debt or contract, or who is in default as surety or otherwise upon any obligation to the City.
- B. **Disqualification of Bidders:** Any of the following reasons may be considered as being sufficient for the disqualification of a Bidder and the rejection of his proposal or proposals:
1. More than one proposal for the same work from an individual, firm, or corporation under the same or different name.
 2. Evidence of collusion among Bidders. Participants in such collusion will receive no recognition as Bidders for any further work of the City until any such participant shall have been reinstated as qualified Bidder.
 3. Bid prices which obviously are unreasonable.

5. **WRITTEN AND ORAL EXPLANATIONS**

Should a Bidder find discrepancies in, or omissions from, the drawings or specifications, or should he be in doubt as to their meaning, he shall at once notify the City, which may send written instructions to all Bidders. The City will not be responsible for any oral instructions.

6. **ADDENDUM OR MODIFICATION**

Any addendum or modification issued during the time of bidding shall be covered in the proposal and in closing a contract such addendum or modification will become part thereof. In the event any such addendum or modification is issued by the City within 72 hours of the time set forth the closing of bids, excluding Saturdays, Sundays, and legal holidays, the time for submitting bids shall be extended one week, with no further advertising of bids.

7. **TAX EXEMPTIONS**

The City is exempt from federal excise and transportation taxes and Ohio State sales tax. Prices quoted should not include either federal excise or Ohio State sales tax. Tax exemption certificates covering these taxes will be furnished whenever necessary.

The transportation tax is not applicable on any purchase consigned to the City and no tax exemption certification is required. If, for any reason, a contemplated purchase would not be tax exempt, this fact will be indicated in the specifications, and such taxes may be included in the price or shown as a separate item in the proposal.

8. DISCRIMINATION

In the hiring of employees for the performance of work under this contract or any subcontract, neither the Contractor, Subcontractor, nor any person acting in their behalf shall by reason of race, creed, color, age, sex or handicap, discriminate against any citizen of the State in the employment of any laborer or worker who is qualified and available to perform the work to which the employment relates. Neither the Contractor, Subcontractor, nor any person acting in their behalf shall in any manner discriminate against or intimidate any employee hired for the performance of work under this contract on account of race, creed, color, age, sex, or handicap.

9. INSURANCE

If the specifications indicate insurance is required, then the contractor shall obtain and pay for liability insurance in limits specified thereof to protect the contractor and City against any claims arising out of any operations conducted in connection with this contract. The policy shall carry a rider giving a one-month cancellation notice to the City. This policy shall include contractual liability insurance as applicable to the Contractor's obligations and shall name the City as an insured.

10. LIABILITY

The Bidder shall defend, indemnify, and save harmless the City and its officers and agents from all claims, demands, payments, suits, actions, recoveries and judgments of every description, whether or not well founded in law, brought or recovered against it, by reason of any act or omission of said Bidder, his agents, subcontractors, or employees, in the execution of the contract, or for the use of any patented inventions by said Bidder, and a sum sufficient to cover aforesaid claims may be retained by the City from monies due or to become due to the Bidder under contract, until such claims shall have been discharged.

11. ROYALTIES AND LICENSE FEES

The Bidder shall pay all royalties and license fees. The Bidder herein agrees to assume and save the City, its officers and agents harmless from liability of any kind or nature whatsoever, arising out of the use by the City, its officers and agents of any appliance, apparatus or mechanism, which may be furnished or installed by the Bidder under the terms of this contract including patent or copyright infringement and to defend the City from any and all such liabilities whether or not such claims are well founded in law.

12. ASSIGNMENT OF CONTRACT

The Bidder who is awarded a contract shall not assign, transfer, convey, sublet or otherwise dispose of said contract, or his right, title or interest in or to the same, or any part thereof, without previous consent in writing from the City Manager, endorsed on or attached to the contract.

13. CANCELLATION

Should the materials supplied or delivered to the City under this contract fail, at any time, to meet the specifications required by the contract, then in such event, the City may cancel this contract upon written notice to the Bidder.

14. CONTROL OF WORK

The City Manager, or his designated agent, will decide:

- All questions which may arise as to the quality and acceptability of materials furnished, services rendered and work performed and as to the rate of progress of any such work;
- All questions which may arise as to the interpretation of the plans or specifications; and
- All questions as to the acceptable fulfillment of the contract on the part of the Contractor and as to compensation.

15. CLAIMS FOR ADJUSTMENT AND DISPUTES

If, in any case, the Contractor deems that additional compensation is due him for work or material not clearly covered in the contract or on ordered by the City Manager as extra work, as defined herein, the Contractor shall notify the City Manager in writing of his intention to make claim for such additional compensation before he begins the work on which he bases the claim. If such notification is not given and the City Manager is not afforded proper facilities by the Contractor for keeping strict account of actual costs as required, then the Contractor hereby agrees to waive any claim for such additional compensation. Such notice by the Contractor, and the fact that the City Manager has kept account of the cost aforesaid, shall not in any way be construed as providing or substantiating the validity of the claim. If the claim, after consideration by the City Manager is found to be just, it would be paid as extra work in the amount as approved by the City Manager.

16. DURATION OF CONTRACT

The duration of the contract shall be for the period stated in the specifications, and shall include all material, equipment, and/or services ordered or delivered during the period. All prices quoted shall be for a definite fixed price unless otherwise noted in the specifications. **The contractor shall complete the work within thirty (30) days of the “Notice to Proceed” date. The “Notice to Proceed” will be dated once the contractor has received all materials and has mobilized to the project site. The contractor shall pay liquidated damages for each consecutive calendar day of the delay thereafter until completed in the amount of \$250.00 per day.**

17. PURCHASES

After a contract has been signed, it shall only become operative upon delivery of a duly signed purchase order to the Bidder. The City shall only be obligated under the contract to the extent of such order. The City shall not be liable for any claims in the event that the total quantity of material ordered under the contract should prove to be greater or less than the estimated amount in the specifications.

18. DELIVERY (where applicable)

The Bidder agrees to make deliveries of supplies and materials within a reasonable period from the time purchase orders are received. Reasonable time is estimated to be thirty (30) to forty-five (45) days. If deliveries are not made within such period, then the City may purchase such items in the open market; and if the price paid by the City shall be greater than the contract price, the bidder agrees to reimburse the City for any loss or losses that the City may thereby sustain. Delivery time for vehicles and equipment may be extended beyond thirty (30) to forty-five (45) days, provided the Bidder has noted the delivery time in the appropriate space on the Proposal Form.

19. PAYMENT OF INVOICES

Invoices will be due and payable within thirty (30) days of receipt of the invoice by the City. All invoices should be mailed to the attention of the City Manager. Payments, as provided in the specifications, may be made on a basis of estimated partial completion of work or delivery.

20. CONTRACT BOND (where applicable)

The successful Bidder will be required to furnish the approved bond for the faithful performance of the contract in the amount of one hundred percent (100%) of the contract price. Such bond shall be that of an approved surety company or personal bond upon which the sureties are persons not interested in the contract, or if interested, collateral security shall be furnished, all of which is to be to the satisfaction of the City Manager.

21. GENERAL (where applicable)

Contractors shall furnish all labor, equipment, materials, services and supplies necessary to complete the proposed work. Unless otherwise noted, construction materials and methods shall comply with the latest edition of the Ohio Departments of Transportation (ODOT) Construction and Material Specifications or the CITY OF ASHTABULA’S standards as noted in the plans and proposal. Contractors shall ordinate their work with the work of others and upon completion, remove tools, equipment, waste and debris and leave the site in broom-clean condition. Contractors shall warrant all materials and equipment with the normal and usual warranties, including, where applicable, warranties of merchantability and fitness for a particular purpose.

New Steel Compactor Compatible Refuse Ejector Trailer Bid Form

Bidder Information

Name of Bidder: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Contact: _____

Bid Quotation

Bidder shall complete every space in the specification bidder's proposal column with a check mark to indicate if the item being bid is exactly as specified. If not the 'NO' column must be checked and a detailed description of the deviation from the specification to be supplied.

New Compactor Compatible Refuse Ejector Trailer: _____

Freight _____

Total Bid Price _____

Estimated Delivery Date: _____

The delivery date is an important consideration:

Exceptions:

Bids are to be guaranteed for 90 days upon bid selection by the City.

**AFFIDAVIT OF CONTRACTOR OR SUPPLIER
OF NON-DELINQUENCY OF PERSONAL
PROPERTY TAXES.**

O.R.C. 5919.042

The undersigned being first duly sworn, having been awarded a contract by you for _____,
hereby states that we are not charged at the time the bid was submitted with any delinquent property taxes on the general tax list of
personal property of any county in which you as a taxing district have territory and that we were not charged with delinquent personal
property tax on any such tax list.

In consideration of the award of the above contract, the above statement is incorporated in said contract as a covenant of the
undersigned.

BIDDER

DATE

SWORN TO before me and subscribed in my presence this ____ day of _____, _____.

Notary Public

Specifications

Instructions to Bidders.

By checking the “Yes” space, the bidder states that the product being bid conforms exactly to that specification writing. By checking any of the “No” spaces, the bidder states that the product being bid does not conform exactly to that specification as written, and that the bidder is offering an alternative to that specification.

If any of the “No” spaces are checked, it must be accompanied by a detailed explanation of the exception. This must be provided in the specification table below or typewritten on a separate sheet in a numbered, orderly, fashion (with reference to the corresponding numbered specifications) so that it can be easily interpreted by the City. No abbreviations will be accepted.

The new steel compactor compatible refuse ejector trailer is to be delivered to the following address: City of Ashtabula, Transfer Station; 501 West 24th Street; Ashtabula OH 44004. Bid price will F.O.B. The City must be sent a copy of the confirmation order within 24 hours after receipt of order.

Unit must be ‘Ready to Work’ upon delivery with no modifications expected or permitted.

General Terms

Failure to comply with any of the instructions may be cause for the City of reject that bid.

The city reserves the right to select the lowest responsible bidder as the best interest of the City may require, to award the purchase contract from any of the bids, to reject any and all bids or parts thereof and to waive any informalities in bids received. Bid prices will be good for 90 days upon bid selection by the City of Ashtabula.

All equipment furnished under this contract shall be new, unused and the same as the manufacturer’s current production model. Accessories not specifically mentioned herein, but necessary to furnish complete unit ready to use, shall also be included. Model shall be fully equipped with all parts and accessories considered as standard factory equipment whether specified or not. Unit shall conform to the best practice known to the refuse trailer manufacturing trade in design, quality of material and workmanship. Assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as specified in this invitation to bid. The manufacturer of all equipment provided under this contract shall be made in the USA.

References

Must provide list of minimum (5) users of similar steel compactor compatible refuse ejector trailer compactors in the State of Ohio. References must contain the community’s name, contact, address, email address and contact phone.

Bid Delivery

Bids are due by Noon on August 24, 2023 to the City of Ashtabula; City Hall; 4717 Main Ave; Ashtabula OH 44004. Envelope containing bid should be marked: **Refuse Ejector Trailer**, and include the name of your company.

COMPLY
YES/NO

1.1 GENERAL SPECIFICATIONS:

1.1.1 WORK INCLUDES: Furnish (1) Solid Waste Transfer Trailer in accordance with this specification. Trailer shall be of the **Hydraulic Ejector Type** manufactured by Spector Manufacturing, Inc., or equal. **Steel** construction, solid weld. (No skip welding). Step Roof Design.

1.1.2 Design is based upon solid waste transfer trailer currently in use by the city and such reference shall be constructed only as establishing the quality of materials and workmanship to be used and shall not, in any way, be for the purpose of limiting competition. Full detailed explanation to any exception must be supplied with bid and referenced by section otherwise bid will be considered non-complaint.

2.1 The trailer shall be a current model Horizontal Discharge, with 55 cubic yard capacity, **Steel CLOSED Top Ejector** standard production model (no prototypes), or equal. Minimum trailer dimensions shall be as follows.

COMPLIANCE:

A. Overall Length: 38' – 6"

B. Overall Width: 96"

C. Overall Height: 12' 9"

D. Inside Width: 88"

E. Inside Height at Rearmost: 96"

F. Interior Height before Step Roof: 77" Approx.

3.1 TRAILER BODY:

1. The walls of the unit shall be 3/16" gauge hi-tensile steel, 50,000# minimum yield. Except the last 77" in the rear of the trailer shall be 1/4" hi-tensile, 50,000# minimum yield. The roof shall have the same specifications as the side wall. Step Roof Area must be tapered and sufficiently reinforced with 6" channel & plating to withstand compaction forces (supply drawing of proposed design for review).

2. The side walls and roof shall be reinforced to rigidity by 10-gauge x 6" formed steel on 24" centers. The top rail shall be constructed of 4" x 3" x 3/16" structural tube. Rear posts to be 4" x 3" x 3/8" structural tube.

3. Horizontal box bracing shall stiffen the trailer side walls and roof one full row down the center of the sides and roof with a triple row the last half of the trailer. _____
4. Side posts shall be 6" x 10-gauge on 24" centers with holes for rustproofing. _____
5. The floor shall be constructed of 1/4" 80,000# PSI Brinell Strength. No exceptions. _____
6. The trailer floor shall be supported with 4" I-Beams on 12" centers with 7.7 lbs. per foot I-Beam. However, in the last 10' of trailer in the tandem axle area the I-Beam shall be 9.5 lbs. per foot design spaced at 12". _____
7. The trailer floor shall be supported by two (2) 10" x 15# steel I-Beams properly reinforced and shall support the landing gear. These will provide support for the suspension as well as the landing gear. _____
8. The trailer shall be equipped with a push bumper mounted directly on the I-Beam frame, providing stability to the unit in case it is pushed or pulled by another. Bumper extension shall not interfere with compactor stand. A heavy-duty tow hook shall be provided. _____
9. A front bulkhead will be present at the trailer front extending 24" upward from floor sufficiently constructed & braced. Face sheet shall be 10-gauge; bulkhead will be 88" wide. _____
10. Dirt shredder plates shall be present on the trailer exterior from floor to sidewall full length of trailer. _____
11. Compactor 'J' hook plates shall be 3/4" plate, sufficiently braced for stress imposed. Hook Plate location must match to dimensions required on existing compactor 'J' hooks. _____

4.1 REAR DOOR:

1. The rear door shall be constructed of 10-gauge steel sheet with 4" x 2" x 10-gauge steel channel. The door shall have heavy duty hinges located on the curb side. Live hinges shall have grease fittings. The latching mechanism shall consist of cam-action latches operable from the street side of the trailer by an over center handle mechanism. Hinge design shall not interfere with compactor hook up. Door design shall be of a 'Dutch door' design identical to design presently used. 2 x 2 x 1/4" pusher angle latch side upper gate. A ratchet binder access panel shall be incorporated into the upper door. Designed for ease of use. _____

5.1 EJECTOR ASSEMBLY:

1. The ejection system shall be designed to completely discharge the full load in one sweep. This should be accomplished in approximately three (3) minutes. Retraction of the ejection assembly shall be approximately 1-1/2 minutes. _____
2. The face plate of the ejector assembly shall be 10-gauge hi-tensile steel and shall be backed by 4" structural channels with 6" x 3" x 3/16" tube vertical posts, one on each side of the ejection assembly to include also 4" x 2" extra blade supports _____
3. The ejection assembly will be guided the entire length of the trailer in a channel located on the floor, adjacent to the side walls. The guide channel shall be 1/4" hi-tensile formed steel with a diagonal cleaner plate from the top of the channel back to the side wall. _____
4. The ejector assembly will travel on replaceable slides, which shall be 1/4" T-1 steel. _____
5. Ejector blade shall have 1/2" thick 'quicksilver' wiper strips across top and along sides bolted to blade flange to minimize gap between blade edge & body side to minimize trash getting to front of trailer. _____
6. The cylinder cover will be of a 'clean shed' design with a minimum of housing extension beyond rear face of blade so as to minimize material build up on nose cone. _____

6.1 EJECTOR CYLINDER:

1. One (1) double acting 5 stage will activate the ejector assembly telescopic cylinder and shall have 384" of stroke. 9.5" Diameter _____
2. The cylinder shall be capable of exerting a minimum of 120,000# of thrust. _____
3. The cylinder shall be mounted to the front of the trailer by means of a 3/8" mounting plate assembly welded to the chassis and floor, tied into a 4" x 3" x 3/16" tube which extends from side to side of the trailer. _____
4. A mid cylinder support shall be provided to prevent the cylinder from sagging while ejecting the load. The support shall travel within the floor channel and ride on slides. _____
5. A blade 'drift prevention' latch mechanism shall be present at the front of trailer, floor mounted & spring loaded. _____

7.1 HYDRAULIC SYSTEM:

1. The operating power will be provided by truck mounted PTO & pump provided by the City. A front mounted 100-gallon hydraulic oil tank will be supplied on the trailer with breather, shut off valves, 50 GPM Gresen filters, sight glass. _____
2. Hydraulic tank control valve at front left interior corner will be Heavy Duty Single Spool Design. This valve must be presented with a Rubber Flap or Diverter Panel Mounted to inner wall for Weather Protection. The hydraulic tank will be mounted for easy access to top mount filler breather assy. Tank will be of a bolt in place design for ease of future maintenance. _____
3. Hydraulic fluid to the cylinder from the truck mounted pump and PTO will be conveyed through a 2-line system, one (1) pressure line and one (1) 1-1/4" return line. Filter assembly will be mounted in horizontal fashion to tank bottom properly braced. _____
4. The trailer shall be equipped with hydraulic fittings in the front of the trailer to match present hook up and manufacturer brand. _____
5. Current design Couplers must be supplied and (2) Schedule 80 Pipe Bushings installed in a reinforced HD Mounting plate with additional gussets. Couplers must match power unit connection fitting design. _____

8.1 KING PIN AND PLATE:

1. The trailer shall be equipped with a 2-7/8" diameter king pin, set at 36". _____
2. The pin plate shall be 3/8" steel, heavily reinforced. _____

9.1 SUSPENSION & BRAKES:

1. The trailer shall be equipped with a Reyco 21-B suspension, 52,000# Capacity or Hutch CH9700, No Air Suspension permitted. _____
2. The trailer shall be equipped with two (2) 25,000# capacity axles having 16-1/2" x 7" heavy duty brakes, complete with automatic slack adjusters. _____
3. The trailer shall be equipped with 10-hole hub piloted wheels with outboard drums. _____
4. The trailer shall be equipped with 11R22.5 Yokohama RY023 16 ply tires, mounted on 8.25" x 22.5" steel disc rims. _____
5. Brakes 16-1/2" x 7" Air w/Auto Slack adjusters, 45/2M ABS Brake system. Backing plates shall be provided. _____
6. The trailer shall be provided with rubber mud flaps on the rear of the _____

trailer and in front of tandem.

7. Short flaps at front edge of trailer required also (2).
8. Area above tandem wheels and rear support apron to be undercoated.
9. Poly Tandem fenders are to be in place above rear wheels mounted in such a way as to allow clearance between cross members and top surface of fenders for cleaning & inspection.

10.1 LANDING GEAR:

1. The trailer shall be equipped with two speed retractable landing gear and diagonally braced for stability. It is desired to have as much ground to landing gear sand pad clearance as possible
2. The landing gear will be capable of supporting a 180,000# static load and have a lifting capacity of 50,000# with 100-foot pounds of input.

11.1 LIGHTS AND REFLECTORS:

1. The trailer shall conform to the Federal Motor Vehicle Safety Standard number 108 and all other applicable safety standards.
2. Stop, tail, turn and markers are to be L.E.D. style. Trucklite, Peterson or 'Sound Off' 'NO DOT' style required. High Visibility.
3. Tail & stop lamps are to be in a sealed channel in the rear lower door of trailer with sealed wiring & connections protected from wheel splash. A drip edge plate will be in place to divert liquids from running onto tail lights. Drip edge to be mounted above tail lights.

12.1 PAINTING PROCEDURE:

1. The trailer shall be thoroughly cleaned of dirt and grease. Outside of entire trailer shall be sandblasted.
2. The trailer shall then be primed with a minimum mil thickness of 1.5 and two finish coats of urethane enamel applied with a minimum mil thickness of 1.5. Paint Code PPG #60-11-005 Mack Blue.
3. Interior of rear doors to be painted.
4. Trailer undercarriage and vertical and horizontal posts shall be thoroughly rustproofed and undercoated.
5. Unit must be fully compatible with existing compactor hook up requiring

no modification to compactor or trailer once delivered to site.

13.1 DELIVERY:

1. Bidder shall state time of delivery after receipt of order.
2. Local dealer must be onsite at time of delivery and installation.

14.1 WARRANTY:

1. The trailer shall have a minimum of one-year warranty on the entire unit, excluding the tires. 2 Years required in writing on the tapered step roof design

- 15.1 All areas of differences in specification must be explained thoroughly on separate sheet otherwise bid will be deemed non-responsive.

Make and Model Bid_____

Delivered Price_____

Production and Delivery Time_____