



BID, PROJECT REQUIREMENTS & CONTRACT

for
WALKING FLOOR TRAILERS
for
Iredell County Solid Waste Facility
354 Twin Oaks Rd., Statesville, NC 28625

REQUEST FOR BIDS

BID #23-752-FP-01

DEADLINE FOR SUBMITTING BIDS
3:00PM Thursday, December 15, 2022

BIDDING, CONTRACT, QUESTIONS & PROPOSAL SUBMISSION

~Contact~

David Sifford
Purchasing & Contracts Manager
200 S. Center St. Box 788
Statesville, NC 28677
704-878-5043

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A. INTRODUCTION

Iredell County intends to award a purchase contract to a single vendor for the purchase of up to (7) seven walking floor trailers to be delivered to Iredell County Solid Waste located at 354 Twin Oaks Rd., Statesville, NC 28625. All submitted bids must follow the specifications and requirements set forth in this document. Bids shall include delivery FOB destination off loaded.

Iredell County intends to award to the lowest responsive, responsible bidder that provides the bid most advantageous to the County, taking into consideration quality, performance and timing for delivery. Iredell County reserves the right to accept or reject any or all bids and to award in the best interest of the County.

Formal written bids, subject to the conditions made a part hereof, will be received at this office through and until 3:00PM, Thursday, December 15, 2022, where they will be opened publicly, for furnishing and delivering the commodity as described herein. Bids may be submitted by mail or other delivery method including electronic submissions.

All questions regarding this RFB must be submitted in writing no later than, 3:00 PM, Thursday, December 8, 2022 by email to:

David Sifford
Purchasing & Contracts Manager
david.sifford@co.iredell.nc.us
Phone 704-878-5043

Responses to all questions received will be made in writing and sent to all known bid holders by addendum and posted at Iredell County's bid site at : <https://www.co.iredell.nc.us/481/Current-Bids-RFPs>.

After project award, the lead agency for project management and oversight will be the Solid Waste Facility.

Teddy Boller
Solid Waste Director
teddy.boller@co.iredell.nc.us
Phone 704-878-5430

SCHEDULE OF EVENTS:

11/30/2022	Bid Release
12/8/2022	3:00 PM, Last day to submit questions
12/15/2022	3:00 PM, Deadline for submitting Bids

B. GENERAL BID & DOCUMENT REQUIREMENTS

All bidders submitting bids in relation to this request should familiarize themselves with the following general bid terms and conditions. Bidders not in compliance with these documents subject their bid proposals to rejection. Bid proposals must be submitted complete with all required signed documents, final pricing, signature pages, etc., at the time of submission. Iredell County reserves the right to request required information or clarification after bid opening, however the lack thereof may subject a bid to rejection.

It is the responsibility of all respondents to contact Iredell County prior to submitting a response to the RFB to ascertain if any addenda have been issued, and to obtain any and all addenda, execute them, and return addenda with their response to the RFB.

1. The bidder and/or bidders to whom the contract is awarded must comply with all aspects of this bidding process, which are designed to meet the requirements of North Carolina G.S. 143-128, 129 & 131, as amended and as appropriate, which govern bidding procedures for government construction projects in North Carolina.
2. Bids submitted in response to this request will be governed by N.C. General Statute, Iredell County Purchasing Ordinance and the general provisions outlined in this request.
3. Iredell County Government does not discriminate on the basis of race, color, sex, national origin, religion, age, or disability. Any contractors or vendors who provide services, programs or goods for Iredell County are expected to fully comply with the County's non-discrimination policy.
4. Iredell County reserves the right to accept or reject any or all bids, evaluate all bids, especially where there is a wide range in specifications, and make an award in the best interest of the County. Iredell County reserves the right to take exception to or waive any item in the bid.
5. **BID AND CONTRACT: Please Read Carefully:** Signed Proposals submitted in response to this Request for Bids will be evidence of acceptance of Iredell County's terms and conditions, including here by reference Iredell County's Purchase Order Terms and Conditions, and, combined with the terms and conditions set forth in this request for bid, make up the entirety of the contract to which Iredell County will be bound and will supersede, override and take precedence over any and all counter proposed terms and conditions presented in proposals and subsequent contracts. Bid proposals offered to the County contingent upon the County's acceptance of any counter-terms and conditions must clearly and obviously state that an exception is being taken and what that exception is. Such proposals *may* be considered during the bid review process but will remain subject to rejection at the sole discretion of Iredell County in favor of any bid containing conditions more favorable to the County. Iredell County accepts no counter terms/conditions unless specifically agreed upon in writing by both parties prior to contract award. **Regardless**, proposals taking total exception to Iredell County's terms and conditions and this bid document will be considered nonresponsive to this bid request and rejected as such. Iredell County reserves the right to accept or reject any or all bid proposals and will exercise that right when reviewing proposals containing any counter-proposed terms and conditions not favorable to the County.
6. **Bid Submissions, Bid Evaluation and Contract Award:** Bidders should be careful to submit a complete bid proposal. Bids will be evaluated based on a combination of criteria, with price being only one. When appropriate, product specifications will be used to evaluate product offered, installation, services, etc. All informal contracts for repair work shall be awarded to the lowest responsible, responsive bidder, taking into consideration quality, performance, and the time specified in the bid for the performance of the contract. In making a determination of responsibility, Iredell County may use criteria such as:
 - Compliance with bid package requirement
 - References
 - Insurance coverage
 - Etc.

7. All bids must be accompanied by the vendor's proposed start and completions schedule or timeline and other pertinent project data.
8. **OMISSIONS:** Omission in this bid solicitation or technical specification of any provision herein described shall not be construed as to relieve the Contractor of any responsibility or obligation normally requisite to the complete and satisfactory delivery, installation, construction or satisfactory completion of this project.
9. All bid proposals must be written and submitted in the format prescribed by these documents, using the forms included. All bid proposals must be signed by an individual authorized to bind the contractor to a contract prior to submission. Proposals Packages should include or cover the following elements:
 1. Cover Letter or Cover Sheet identifying Contractor
 2. Signed Bid Proposal and Terms Acceptance Sheet
 3. General Product Specifications Sheets (when appropriate)
 4. List of references for orders of similar size, scope and specification.
10. **Bid Proposal Sheets** should clearly present the following information:
 - a. Project Name: **Iredell County – Walking Floor Trailer: Bid #23-750-FP-01**
 - b. Delivery Schedule: Show Number of weeks following receipt of approved purchase order and approved submittals. *Delivery and installation period will be a consideration for award.
 - c. **Proposal Page must be signed by an individual authorized by the contractor to bind the company to a contract and must clearly show the individual's title, company name and date.**
11. **DELIVERY OF BIDS:** Electronically transmitted bids will not be accepted.

To be considered, bid submitted by mail, proposals should include One (1) originally signed and complete bid proposal in 8-1/2 x 11 inch format, stapled once, **and** One (1) copy of the originally signed and complete bid proposal in the same format

MAILING INSTRUCTIONS:

US POSTAL SERVICE: Address bid envelope as shown below and mail in time to reach Purchasing Specialist by deadline. Enclose the fully executed original bid document in the mailing envelope. Address envelope as shown below.

UPS, FEDEX, DHL or other carrier: Place the bid inside the carrier's envelope and address as below.

HAND DELIVERY OR COURIER: Bids, addressed with either of the provided addresses, may be hand-delivered directly to the Purchasing Division no later than 4:00 PM on the due date for bids. Arrive with plenty of time to have your bid stamped in before deadline.

In all cases and regardless of delivery method, delivery of bids to Iredell County Purchasing by the specified due date and time are the sole responsibility of the bidder. Bids not in the hands of the Purchasing Specialist prior to the expiration date and time, regardless of reason, **will be rejected.**

<u>DELIVERED BY US POSTAL SERVICE</u>	<u>DELIVERED BY ANY OTHER MEANS</u>
<u>BID# 23-752-FP-01 – Walking Floor Trailers</u> <u>Iredell County</u> <u>Attn: David Sifford, P&C Manager</u> <u>P. O. Box 788</u> <u>Statesville, NC 28687</u>	<u>BID# 23-752-FP-01 – Walking Floor Trailers</u> <u>Iredell County</u> <u>Attn: David Sifford, P&C Manager</u> <u>200 South Center Street</u> <u>Statesville, NC 28677</u>

Bid Packages will be accepted up to the day and time of bid deadline, which is scheduled for **3:00 PM Thursday, December 15, 2022.**

PROMPT DELIVERY OF BIDS TO IREDELL COUNTY IS THE SOLE RESPONSIBILITY OF THE BIDDER. BIDS RECEIVED AFTER THE BID DEADLINE, REGARDLESS OF REASON, WILL NOT BE CONSIDERED.

12. Iredell County shall not be held responsible for nor will it pay any costs or expense associated with the preparation or submission of a bid proposal submitted in response to this solicitation, such expenses and costs being the sole responsibility of the bidder. Nothing in this solicitation or any response submitted pursuant to shall obligate Iredell County to award a contract to a bidder.
13. Upon award, this document becomes the contract document for the noted project. In case of default of an awarded contractor, Iredell County may procure the articles and/or services from other sources and may hold the defaulting contractor responsible for any excess cost occasioned thereby.
14. **PAYMENT:** In lieu of bid and performance bonds, **full payment will be made by check within thirty-days after project completion and final inspection and notification of acceptance is given to the Purchasing & Contracts Manager by the County's Project Manager.** Once proof of acceptance is received, the Iredell County Purchasing & Contracts Manager or other authorized County staff will code, sign and process an original invoice for payment. No payment will be made until contractor completes all delivery, construction, installation or other provisions or responsibilities as agreed upon prior to project start and corrected any deficiencies found.
15. It is Iredell County policy to offer open and fair bid opportunities to all qualified contractors who are interested in participating in bids for Iredell County projects and to encourage and assist small or minority-owned businesses who might not otherwise be able to participate in our projects. Therefore, Iredell County may approve a prepayment of a percentage of project cost, never to exceed 30%, to facilitate the purchase and placement of project materials and to stage equipment and personnel at the site. To qualify, a contractor must include a request for prepayment with their bid providing adequate basis and justification for pre-payment. Iredell County will review the request and make a determination as to approval and amount. Prepayments are made at the sole discretion of the County and no bid should be submitted contingent on prepayment. If pre-approved, payment will be made after an invoice has been submitted to the OPERATIONS SUPERVISOR.
16. **TAXES:** It is Iredell County policy that no contract will be awarded to a contractor or vendor that is delinquent in paying Iredell County property taxes. In the event the lowest, responsive bidder is found delinquent, Iredell County reserves the right to a) reject said Contractor's bid as not responsible, (b) withhold award until taxes are paid in full, (c) withhold unpaid property taxes from all amounts payable from the resulting contract or (d) take any other actions deemed necessary by the County. Regardless, project award and start will not be postponed to accommodate delinquent contractor.
17. Iredell County requires that all contractors performing work on County property maintain minimum insurance coverage as outlined in **Minimum Insurance Requirements & Risk Control** below. Acceptance of Iredell County's insurance and risk requirements **is a requisite** for award. Do not make changes to or take exception to these insurance and risk requirements. Bids offered contingent on any change or exception taken to this requirement will be deemed both non-responsive to this bid solicitation's requirements and specifications and not responsible. Such offers will be rejected.
18. **Terms & Conditions Acceptance:** By submitting a signed proposal in response to this solicitation, the individual is verifying that he/she is a duly authorized representative of the company and is able to legally bind the company to this agreement. Signature also denotes agreement that the terms and conditions of this bid shall override all other terms and conditions, regardless of form or delivery.

C. GENERAL CONTRACT TERMS AND CONDITIONS

1. **DEFAULT:** In case of default by the awarded contractor, Iredell County may procure the articles or services from other sources and hold the bidder responsible for any excess cost occasioned thereby. In addition, in the event of default by the contractor under this contract, Iredell County may immediately terminate for cause all existing contracts between Iredell County and the vendor and de-bar the vendor from doing future business with the County. These in addition to any and all remedies provided by law.
2. **SITUS:** The place of this contract, its situs and forum, shall be North Carolina, where all matters, whether sounding in contract or tort, relating to its validity, construction, interpretation and enforcement shall be determined.
3. **GOVERNING LAWS:** This contract is made under and shall be governed and construed in accordance with the laws of the State of North Carolina.
4. **PERMITS & INSPECTIONS:** All Permits required by governing authorities shall be secured by contractor or contractor's agent. Proof of approved inspections for all required Permits relative to the Work shall be included with application for Final Payment.
5. **PAYMENT TERMS:** Payment terms are Net, not earlier nor later than, 30 days after receipt of correct invoice or acceptance of goods, whichever is later. Iredell County is responsible for all payments to the contractor under the contract.
6. **AFFIRMATIVE ACTION:** The contractor will take affirmative action in complying with all Federal and State requirements concerning fair employment and employment of people with disabilities, and concerning the treatment of all employees without regard to discrimination by reason of race, color, religion, sex, national origin or disability.
7. **CONDITION AND PACKAGING:** Unless otherwise provided by special terms and conditions or specifications, it is understood and agreed that any item offered or shipped has not been sold or used for any purpose and shall be in new condition. All containers and packaging shall be suitable for handling, storage or shipment.
8. **PATENT:** The contractor shall hold and save Iredell County, its officers, agents and employees, harmless from liability of any kind, including costs and expenses, on account of any copyrighted material, patented or unpatented invention, articles, device or appliance manufactured or used in the performance of this contract, including use by the government.
9. **ADVERTISING:** Contractor agrees not to use the results of this RFB or any resulting contract or the name of Iredell County as part of any commercial advertising.
10. **ASSIGNMENT:** No assignment of the contractor's obligations or the contractor's right to receive payment hereunder shall be permitted. However, upon written request approved by the issuing purchasing authority and solely as a convenience to the contractor, Iredell County may:
 - a. Forward the contractor's payment check directly to any person or entity designated by the contractor, and
 - b. Include any person or entity designated by contractor as a joint payee on the contractor's payment check. In no event shall such approval and action obligate Iredell County to anyone other than the contractor and the contractor shall remain responsible for fulfillment of all contract obligations.
11. **GENERAL INDEMNITY:** The contractor shall hold and save Iredell County, its officers, agents, and employees, harmless from liability of any kind, including all claims and losses accruing or resulting to any other person, firm, or corporation furnishing or supplying work, services, materials, or supplies in connection with the a firm, or corporation that may be injured or damaged by the contractor in the performance of this contract and that are attributable to the negligence or intentionally tortious acts of the contractor provided that

the contractor is notified in writing within 30 days that Iredell County has knowledge of such claims. The contractor represents and warrants that it shall make no claim of any kind or nature against Iredell County's agents who are involved in the delivery or processing of contractor goods to Iredell County. The representation and warranty in the preceding sentence shall survive the termination or expiration of this contract.

12. **E-VERIFY:** E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security used to verify the work authorization of newly hired employees pursuant to federal law. Article 2, Chapter 64 of the North Carolina General Statutes requires that all employers doing business in the state of North Carolina, who employ 25 or more employees in this State, use E-verify to verify the work status of newly hired employees. Additionally, North Carolina General Statute 153A-449 states that "Contractors Must Use E-Verify. - No county may enter into a contract unless the contractor and the contractor's subcontractors comply with the requirements of Article 2 of Chapter 64 of the General Statutes."

Therefore, as a condition of payment under this contract, the seller or vendor agrees to and must comply with Article 2 of chapter 64, as well as take measures to ensure that any subcontractor performing work for the Vendor under this contract complies with the provisions of this statute. By submitting a signed offer in response to this solicitation, seller or Vendor verifies compliance with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes. Upon request of the Iredell County, Vendor shall verify, by affidavit, compliance of the terms of this section.

The seller and/or vendor acknowledges that payment by the County is conditioned upon the vendor's, or its subcontractor's, compliance with Article 2 of Chapter 64. Failure to comply may render any contract with the County void and unenforceable.

13. **IRAN Divestment Act (N.C.G.S. 147 Article 6E):** During the 2015 legislative session, the North Carolina General Assembly enacted the Iran Divestment Act ([S.L. 2015-118; SB455](#)) ("the Act") which prohibits state agencies and local governments from entering into contracts with entities that the North Carolina State Treasurer has determined are engaged in certain investment activities in the Iranian energy sector.

The Act requires the State Treasurer's Office to publish a list of entities it has identified as investing in the Iranian energy sector and update the list every 180 days. This list can be found at <https://www.nctreasurer.com/inside-the-department/OpenGovernment/Pages/Iran-Divestment-Act-Resources.aspx>. An entity identified on the Treasurer's list (called the "Final Divestment List") is prohibited from contracting with state agencies and local governments. Local governments and state agencies must require entities with which they contract to certify that the entity not included on the Final Divestment List. In addition, all entities contracting with the State and local governments are prohibited from subcontracting with any entity included on the Final Divestment List. Contracts entered into with an entity included on the Final Divestment List are rendered void by operation of the statute.

Submission of a signed Bid in response to this solicitation indicates contractor's understanding of the requirements of this act and will serve as preliminary certification by the individual signing that the entity is not included on the Final Divestment List and they are prohibited from subcontracting with any entity included on the Final Divestment List. Any contract entered into with an entity included on the Final Divestment List is void and government entities in North Carolina are not authorized to issue payment for such a contract.

The contractor under consideration for award of this contract will be required to submit a separate certification prior to such award.

14. **Divestment From Companies Boycotting Israel Act** (NC G.S. 147, Article 6G) prohibits state agencies and local governments from entering into contracts costing over \$1,000.00 with any entity that the North Carolina State Treasurer has determined boycotts or is involved in a boycott of Israel.

The Article requires the State Treasurer's Office to publish a list of entities it has determined boycotts or is involved in a boycott of Israel and update the list at least annually. An entity identified on the Treasurer's list

(called the “Final Divestment List”) is prohibited from contracting with state agencies and local governments. Contracts entered into with an entity included on the Final Divestment List are rendered void by operation of the statute.

15. **TERMINATION:** Iredell County may terminate this contract for cause if the contractor fails to perform according to the contract provisions or original offer or for convenience when there has been a change in program requirements or inadequate funding.

D. MINIMUM INSURANCE REQUIREMENTS

Iredell County requires that all contractors performing site preparation, paving, installation, construction, repairs or renovations on County property shall provide insurance certificates to the County naming Iredell County as secondary insured. The contractor shall procure, maintain and provide proof of insurance coverage for injuries to persons and/or property damage as may arise from, or in conjunction with, the work performed on behalf of the county by the contractor, his agents, representatives, employees or subcontractors. Proof of coverage as contained herein shall be submitted **prior to the commencement of work** and the contractor shall maintain such coverage for the duration of the contract period.

Minimum Insurance Coverage Limits:

- General Liability: \$2,000,000 combined single limits, \$1,000,000 annual aggregate (\$1,000,000 products and completed operations aggregate)
- Automobile Liability: \$1,000,000 combined single limits, \$1,000,000 annual aggregate. Workers Compensation: **Workers Compensation is required by all contractors or subcontractors regardless of the number of employees.**
- Builders Risk: Contractor to decide amount of coverage needed for the project materials.

The contractor’s insurance shall be primary over any applicable insurance or self-insurance maintained by the County.

The contractor shall provide 30 days written notice to the County before any cancellation, suspension, or void of coverage in whole or part, where such provision is reasonable.

All coverage for subcontractors of the contractor shall be subject to all of the requirements stated herein.

Failure to comply with any reporting provisions of the policy(s) shall not affect coverage provided the County, its officers/officials, agents, employees and volunteers.

The insurer shall agree to waive all rights of subrogation against the County, its officers/officials, agents, employees or volunteers for any act, omission or condition of premises which the parties may be held liable by reason of negligence.

The contractor shall furnish the County certificates of insurance including endorsements affecting coverage. The certificates are to be signed by a person authorized by the insurance company(s) to bind coverage on its behalf.

All insurance shall be placed with insurers licensed for business in North Carolina and maintaining an A.M. Best rating of no less than A-.

All insurance policies shall be in effect for the duration of the project and shall be written on an occurrence Basis. No claims-made policies will be accepted.

The Contractor shall indemnify and hold harmless the County of Iredell, its officers/officials, agents, employees and volunteers from and against all claims, damages, losses and expenses including attorney’s fees arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than work itself) including the loss of use resulting therefrom, and (2) is caused in whole or part by any negligent act or omission of the

Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

RISK CONTROL

The Contractor shall be required to comply with all federal, state, and local laws, regulations, and industry standard, or practices regarding safety of employees, the general public, and protection of physical property.

All subcontractors shall be subject to the same requirements.

The Contractor shall be responsible for self-inspection, as well as the inspection of all subcontractors to ensure compliance.

Any inspection of the operations of the Contractor or any subcontractor by the County or by any agent, employee or official of the County shall be done so to ensure compliance to the contract only. No inspection should be construed as a warranty of the operations of contractors and subcontractors.

The Contractor shall be solely responsible for the inspection and compliance of all operations.

The County maintains the right to require the Contractor to take corrective action regarding any hazard or potential hazard identified either by the Contractor or the County.

Failure to comply with these requirements or take any necessary corrective action may constitute reason for cancellation of the contract.

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E. TECHNICAL SPECIFICATIONS ETC.

After review of equipment currently being used in a similar capacity, the following specification has been developed and determined to fulfill the minimum requirements for this department.

In adopting this configuration, Iredell County hopes to include a wide range of manufacturers and no specification is intended to specifically disqualify any particular manufacturer's model of equipment. However, it is this standard by which all proposed equipment will be evaluated. Therefore, it is the vendor's sole responsibility to ensure the bid proposal includes data to clearly support that their offering meets or exceeds this standard in all aspects and, while the County reserves the right to request any additional information, it will not be the County's responsibility to request any supporting data and the apparent lack thereof could be a disqualifying factor. It will be the sole discretion of Iredell County staff as to whether or not demonstrations or interviews will be held.

In addition to providing full specifications for the equipment you will be providing, Iredell County request bidders to mark either "Yes" or "No" under **Complies** as it relates to your equipment meeting the trailer specifications below. All "No" answers require qualification either beside or below the specification or on a separate page titled "Exceptions Taken". While any exception may be cause for rejection of a proposal, qualification of an exception allows review and consideration of the excepted specification. An unqualified exception may result in a proposal being disqualified from further review.

GENERAL:

THE SPECIFICATIONS ARE FOR A SMOOTH SIDE, TANDEM AXLE, LEAK PROOF, WALKING FLOOR TRAILER OF ALUMINUM CONSTRUCTION. STANDARD PRODUCTION UNITS ONLY. **NO PROTOTYPE UNITS WILL BE CONSIDERED.**

A) BODY DIMENSIONS:

- 1) **LENGTH:** 45 FT.
- 2) **WIDTH:** 96 IN.
- 3) **SIDE HEIGHT:** 100 IN.
- 4) **CUBIC YARD CAPACITY:** 104 YARDS.

B) BODY SPECIFICATIONS:

- 1) **SIDE PANELS:** 15-1/2" X 2-1/4" VERTICAL LOCK TOGETHER PANELS MADE OF 6061-T6 EXTRUDED ALUMINUM. PANELS TO BE FULLY WELDED ON INSIDE OF TRAILER ONLY. PANELS TO HAVE INNER WALL THICKNESS OF .150" AND OUTER WALL THICKNESS OF .090". THE INSIDE OF EACH PANEL TO HAVE 3 INNER VOIDS SPACED 3" APART. (HOLLOW CORES.)
- 2) **TOP RAILS:** EXTRUDED ALUMINUM HEAVY DUTY 8-1/2" HIGH X 6-1/2" WIDE X 5/8" THICK TOP SURFACE. THE TOP SURFACE INCLUDES 4" OF FLAT SURFACE AND IS THEN TAPERED DOWN ANOTHER 4" TO HELP IN SHEDDING DEBRIS WHILE BEING LOADED. TOP RAILS ARE DESIGNED TO BUILD TRAILER WITH OR WITHOUT TOP CROSS TUBES OR BRACES.
- 3) **BOTTOM RAILS:** EXTRUDED ALUMINUM HEAVY DUTY DESIGN 5-3/4" DEEP X 1/4" THICK. BOTTOM RAIL TO INCLUDE EXTRUDED 5" CLEANOUT INCORPORATED WITH IT ON THE INSIDE OF THE TRAILER.
- 4) **FLOOR CROSSMEMBERS:** EXTRUDED I-BEAM, 5-1/4" DEEP WITH 1/4" X 2-1/4" WIDE TOP & BOTTOM FLANGES AND 3/16" WEB ON 14" O.C. SPACING FROM REAR OF LANDING GEAR

TO REAR OF TRAILER. FROM REAR OF LANDING GEAR TO REAR OF COUPLER PLATE TO BE EXTRUDED I-BEAM, 5-1/4" DEEP WITH 3/8" X 2-1/4" TOP & BOTTOM FLANGES AND 1/4" WEB ON 14" O.C. SPACING. REAR (2) TWO CROSSMEMBERS TO BE J-BAR STYLE, 7/8" THICK WEB FOR ADDED STRENGTH TO REAR OF FLOOR AND INCORPORATING INTO THE REAR POCKETS/ SIDE POSTS.

- 5) **LONGITUDINALS:** EXTRUDED ALUMINUM Z-RAIL, 5-3/8" DEEP X 3/8" WALL THICKNESS EXTENDING FROM REAR OF TRAILER TO FRONT OF LANDING GEAR.
- 6) **REAR POCKETS/ POSTS:** 11-1/4" WIDE REAR POCKETS/ POSTS X 111" HIGH. REAR POCKETS TO BE 1/4" THICK ON THE OUTSIDE AND 3/8" THICK ON INSIDE. POCKETS MADE OF 6061-T6 EXTRUDED ALUMINUM, HOLLOW CORE DESIGN AND DESIGNED SO THAT THEY SNAP AND LOCK TOGETHER WITH SIDE PANELS SO THERE IS NO OVERLAPPING OF THE POCKETS WITH THE SIDE PANELS ON THE OUTSIDE OR THE INSIDE, SO THAT THE LOAD CANNOT GET CAUGHT UP ON ANYTHING.
- 7) **BULKHEAD:** .190 5454 H34 ALUMINUM ALLOY. BULKHEAD TO BE WRAP AROUND DESIGN, WITH 14" RADIUS CORNERS INCORPARTING INTO THE SIDES OF THE TRAILER. BULKHEAD TO HAVE (2) TWO 3/8" INNER STRUCTURAL BANDS, ONE AT THE TOP AND 1 IN THE MIDDLE, AND TO HAVE (2) TWO 1/4" THICK C-CHANNEL BRACES ON THE INSIDE, HORIZONTALLY, FOR ADDED STRENGTH AND SUPPORT IN THE NOSE AREA.
- 8) **ROLL CAPS:** INSTALL FLAT ALUMINUM ROLL CAP WITH 2 IN. WIND DEFLECTOR ON TOP OF BULKHEAD. INCORPORATE STEEL ROLL CAP ON REAR CROSS TUBE FOR TARP TO ROLL ACROSS AS WELL.
- 9) **UPPER CROSS TUBES:** (1) ONE CROSS TUBE MOUNTED AT FRONT OF TRAILER AT REAR EDGE OF ALUMINUM ROLL CAP ON BULHEAD. (1) ONE CROSS TUBE AT REAR OF TRAILER WITH ROLL CAP INCORPORATED WITH IT FOR TARP TO ROLL ACROSS. CENTER TUBE TO BE SWING-AWAY, WITH HANDLE AT BOTTOM DRIVER SIDE OF TRAILER TO SWING TUBE OUT OF THE WAY FOR LOADING AND TO SWING TUBE BACK ACROSS TRAILER FOR TARP TO ROLL ACROSS.

C) LIGHTS:

- 1) **LIGHT TYPE:** GROTE L.E.D. RUBBER GROMMET MOUNT.
- 2) **REAR LIGHTS:** 3 LARGE, 3 SMALL, 3 LARGE, MOUNTED IN TAILGATE SO THEY SWING OUT OF THE WAY OF THE LOAD WHILE UNLOADING.
- 3) **MARKER LIGHTS:** (3) THREE PER SIDE, MOUNTED IN BOTTOM RAILS TO PROTECT WIRING.
- 4) **MIDTURNS:** (1) ONE PER SIDE, MOUNTED UNDER BOTTOM RAILS AND ANGLED 45 DEGREES TOWARDS THE REAR FOR VISIBILITY.

D) TARP SYSTEM:

- 1) **AERO INDUSTRIES TARP AEROFORCE S2S ELECTRIC SIDE ROLL TARP SYSTEM WITH 22 OUNCE VINYL TARP MATERIAL.**

E) PAINT:

- 1) **ALL STEEL PARTS TO BE GALVANIZED. (SUBFRAME, SUSPENSION HANGERS, LANDING GEAR, COUPLER PLATE ASSEMBLY AND BUMPER ASSEMBLY.)**

F) TAILGATE:

- 1) **GATE SHEET:** .150'', DOUBLE WALL SMOOTH SIDE PANELS, VERTICALLY RUN WITH THE SNAP-LOCK DESIGN.
- 2) **BRACING:** EXTRUDED HEAVY DUTY PERIMETER BRACING.
- 3) **HINGES:** EXTRUDED ALUMINUM, HEAVY DUTY 8'' HINGES. HINGES TO INCLUDE GREASE INFUSED BRASS BUSHINGS ON INSIDE AND USE STAINLESS STEEL HINGE PINS. (GREASELESS HINGE SET-UP.) THERE ARE TO BE A SET OF (4) FOUR HINGES AT THE TOP AND A SET OF (3) THREE AT THE BOTTOM TO ASSURE STRONG HINGE FOR THE REAR DOOR SWING.
- 4) **GATE OPERATION:** MANUAL CONTROL, OVER CENTER LOCKING STAINLESS STEEL LATCH MECHANISM WITH (3) THREE GREASABLE HOOKS BUILT INTO THE REAR POCKET/ POST AND (3) THREE STEEL ZINC COATED PADDLES/ LATCHES, BOLTED ONTO THE TAILGATE.
- 5) **ADDITIONAL GATE OPTIONS:** TAILGATE TO INCLUDE (1) ONE WINDER OR SAFETY LATCH AND (1) ONE SAFETY CHAIN TO HOLD DOOR OPEN WHILE UNLOADING.

G) CHASSIS:

- 1) **MODEL:** TANDEM AXLE.
- 2) **SUBFRAME RAILS:** FABRICATED, GRADE 80 HI-TENSILE STEEL. SUBFRAME RAILS TO BE 10'' HIGH C-CHANNEL, ¼'' THICK WITH 4-1/2'' BOTTOM FLANGE AND 3-1/2'' TOP FLANGE. SUBFRAME TO BE GALVANIZED, NOT PAINTED.
- 3) **SUSPENSION:** FABRICATED (3) THREE LEAF SPRING RIDE SUSPENSION WITH 49'' AXLE SPACING. SUSPENSION HANGERS TO BE GALVANIZED.
- 4) **AXLES:** (2) TWO 77.5'' HENDRICKSON 5/8'' WALL TP AXLES. (25,000 LB.)
- 5) **ABS SYSTEM:** MERITOR WABCO, 2S 1M SYSTEM.
- 6) **BRAKES:** 16.5'' X 7'' WITH GUNITE AUTOMATIC SLACK ADJUSTERS. 30/30 BRAKE CHAMBERS MOUNTED ON TOP OF AXLES.
- 7) **AXLE LUBRICATION:** HXL, SYNTHETIC SEMI-FLUID GREASE.
- 8) **TIRES:** (8) EIGHT 11R 22.5 16 PLY TIRES.
- 9) **RIMS:** (8) EIGHT STEEL HUB PILOTED 22.5 X 8.25, 10 HOLE WHITE RIMS.
- 10) **HUBS & DRUMS:** CAST W/ STEEL HUB, HUB PILOTED, 10 STUD WITH SAME INNER AND OUTER OIL STYLE BEARINGS.
- 11) **TIRE CARRIER:** NONE.
- 12) **LANDING GEAR:** JOST H451 HEAVY DUTY DOLLIES WITH A STATIC LOAD CAPACITY OF 200,000# AND A 62,500# LIFTING CAPACITY. CRANK HANDLE TO BE LOCATED ON THE DRIVER SIDE. LANDING GEAR TO BE GALVANIZED, NOT PAINTED.
- 13) **BUMPER:** HEAVY DUTY PUSH/ PULL STYLE BUMPER, INCORPORATED INTO THE REAR OF THE SUBFRAME. (2) TWO TOW HOOKS INCORPORATED INTO THE REAR OF THE SUBFRAME/ BUMPER. BUMPER ASSEMBLY TO BE GALVANIZED, NOT PAINTED.
- 14) **UPPER COUPLER ASSEMBLY:** FULL WIDTH ASSEMBLY WITH 36'' KING PIN SETTING. UPPER COUPLER PLATE IS 3/8'' THICK, SUPPORTED BY (3) THREE 5-3/8'' X 3/8'' THICK STEEL BEAMS. COUPLER ASSEMBLY TO BE GALVANIZED, NOT PAINTED.

H) FLOOR:

- 1) **FLOOR SLATS:** HALLCO ½'' "W" SLATS #41-5214.
- 2) **DRIVE UNIT:** HALLCO BRUTE 8000 SERIES 4-1/2'' CYLINDER DRIVE UNIT.

- 3) **HYDRAULICS:** 2 LINE SYSTEM, WITH 108'' X 1'', 3200 P.S.I. HYDRAULIC HOSES WITH MALE AND FEMALE WING-TYPE COUPLERS. ALL STEEL TUBING FOR HYDRAULICS TO BE STAINLESS STEEL.
- 4) **SUB DECK:** ALUMINUM HALLCO LEAK PROOF FLOORING FOR "W" FLOOR SLATS.

I) ADDITION SPECIFICATIONS:

- 1) **BULKHEAD STEPS:** BULKHEAD TO HAVE (1) LADDER, UP THE DRIVER SIDE, OUTSIDE OF THE BULKHEAD WITH CAST HEAVY DUTY ALUMINUM STEPS ON THE INSIDE. (INSIDE STEPS LOCATED AT BACK EDGE OF ROLL CAP.)
- 2) **CATWALK:** (1) ONE PLATFORM STYLE CATWALK LOCATED IN THE CENTER OF THE BULKHEAD. CATWALK TO HAVE HAND RAILING LOCATED WAIST HIGH AND NON-SLIP DECKING/ FLOORING.
- 3) **GATE STEPS:** HEAVY DUTY, CAST STEPS UP OUTSIDE CENTER OF REAR TAILGATE.
- 4) **FLAPS:** BLACK RUBBER FLAPS, REAR OF TIRES.

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COMPLIES

YES NO

COMPANY

YES NO

MUST HAVE A PREVIOUS RECORD OF AT LEAST 5 YEARS WITH UNITS IN OPERATION FOR AT LEAST 2 YEARS.

CAPACITY:

YES NO

MINIMUM 104 CUBIC YARDS

LENGTH:

YES NO

45'

HEIGHT:

YES NO

13' OVERALL WITH A 49" FIFTH WHEEL HEIGHT.

WIDTH:

YES NO

96"

SIDES:

YES NO

100" SIDE HEIGHT. 6061-T6 EXTRUDED ALUMINUM. DOUBLE WALL. INNER WALL THICKNESS OF AT LEAST .150". OUTER WALL THICKNESS OF AT LEAST .090".

TOP RAIL:

YES NO

EXTRUDED HEAVY DUTY ALUMINUM

BULKHEAD

YES NO

.190 5454 H34 ALUMINUM ALLOY

TAILGATE:

YES NO

.150" DOUBLE WALL SMOOTH SIDE ALUMINUM.

WALKING FLOOR:

YES NO

HALLCO ½" W-SLAT 41-5214 LEAKPROOF FLOOR SYSTEM

WALKING FLOOR POWER UNIT:

YES NO

HALLCO BRUTE 8000 SERIES 4-1/2" CYLINDERS 15 SLAT

CROSSMEMBERS:

YES NO

EXTRUDED I BEAMS 5 ¼" I BEAMS
SPACING-12" ON CENTER

BOTTOM RAIL:

YES NO

EXTRUDED HEAVY DUTY ALUMINUM. CLEANOUT INCORPORATED ON THE INSIDE OF TRAILER

FIFTH WHEEL PLATE:

YES NO

HEAVY DUTY 3/8" LOW PROFILE WITH SAE KINGPIN SET 36"
FROM FRONT OF TRAILER.

MARKER LIGHTS:

YES NO

(3) THREE PER SIDE, MOUNTED IN BOTTOM RAILS TO PROTECT WIRING

MID-MOUNT TURN SIGNALS: **YES NO**
DIRECTIONAL TURN SIGNALS LOCATED IN CENTER OF TRAILER EACH SIDE.

LIGHT KIT: **YES NO**
L.E.D SEALED SYSTEM. MOUNTED IN THE TAILGATE

TAG: **YES NO**
TAG MOUNTS AND TAG LIGHT TO BE ON TAILGATE.

ELECTRICAL: **YES NO**
A 12 VOLT SYSTEM WITH A 7 WAY CONNECTOR ON FRONT.
ALL WIRING TO BE WATERPROOF AND RUN THROUGH
RUBBER GROMMETS.

MUDFLAPS: **YES NO**
RUBBER FLAPS MOUNTED REAR OF SUSPENSION.

BUMPER: **YES NO**
HEAVY DUTY PUSH/PULL STYLE BUMBER

FRAME: **YES NO**
EXTRUDED ALUMINUM Z-RAIL, 5-3/8" DEEP X 3/8" WALL THICKNESS EXTENDING FROM REAR
OF TRAILER TO FRONT OF LANDING GEAR.

SUSPENSION: **YES NO**
FABRICATED (3) THREE LEAF SPRING RIDE SUSPENSION WITH 49" AXLE SPACING.

AXLES: **YES NO**
(2) TWO 77.5" HENDRICKSON 5/8" WALL TP AXLES. (25,000 LB.)

BRAKES: **YES NO**
16-1/2" X 7" WITH AUTOMATIC SLACK ADJUSTERS. 30/30 BRAKE CHAMBERS MOUNTED ON TOP
OF AXLE

ANTI-LOCK SYSTEM: **YES NO**
MERITOR-WABCO 2S/1M ABS.

RIMS: **YES NO**
(8) EIGHT STEEL HUB PILOTED 22.5 X 8.25, 10 HOLE WHITE RIMS

TIRES: **YES NO**
(8) EIGHT 11R 22.5 16 PLY TIRES.

LANDING GEAR: **YES NO**
JOST H451 HEAVY DUTY DOLLIES WITH A STATIC LOAD CAPACITY OF 200,000# AND A 62,500#
LIFTING CAPACITY

LADDERS/CATWALKS: **YES NO**
(1) ONE PLATFORM STYLE CATWALK LOCATED IN THE CENTER OF THE BULKHEAD GATE
STEPS: HEAVY DUTY, CAST STEPS UP OUTSIDE CENTER OF REAR TAILGATE.

HYDRAULIC SYSTEM: **YES NO**
2 LINE SYSTEM, WITH 108" X 1", 3200 P.S.I. HYDRAULIC HOSES WITH MALE AND FEMALE WING-
TYPE COUPLERS

TARP SYSTEM: **YES NO**

ELECTRIC SIDE ROLL TARP SYSTEM WITH 22 OUNCE VINYL TARP MATERIAL

MAINTENANCE / REPAIR CENTER: **YES NO**

BIDDER MUST HAVE AN AUTHORIZED DEALER SERVICE CENTER IN NORTH CAROLINA.

LIST NEAREST DEALER SERVICE CENTER IN NC

WARRANTY: **YES NO**

THE TRAILER SHALL HAVE A MINIMUM OF ONE YEAR
STANDARD WARRANTY ON THE ENTIRE UNIT, EXCLUDING
THE TIRES.

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F. BID SHEET & CONTRACT TERMS ACCEPTANCE FORM
SOLID WASTE – WALKING FLOOR TRAILERS

Bid # 23-752-FP-01

Company _____
Address _____
City/State/Zip _____

OFFER

- A. This offer shall be open to acceptance and is irrevocable for a minimum of **Ninety Days** from the bid closing date.
- B. Having examined the Place of Work and all matters referred to in the Bid/Contract Documents prepared by Iredell County for the above mentioned purchase, we, the undersigned, hereby offer to provide a complete Bid in the Sum of:

BID _____ U.S. Dollars (\$) _____)Each

- C. The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum.

Addendum # _____ Dated: _____
Addendum # _____ Dated: _____
Addendum # _____ Dated: _____
Addendum # _____ Dated: _____

- D. If this Bid is accepted, we will deliver product in _____ calendar days from Notice to Proceed.

Terms & Conditions Acceptance: By signing below, the individual accepts and verifies:

- a) That he/she is a duly authorized representative of the company and is able to legally bind the company to this agreement.
- b) Understanding & acceptance of all terms and conditions contained within this solicitation and agreement that this solicitation, its terms and conditions, become the entire contract to which Iredell County and contractor will be bound for this project, and shall override and supersede all other terms and conditions, regardless of form or delivery.
- c) That it, and any subcontractor used in performance of this contract is in compliance with the E-Verify provisions contained in Article 2 of NC G.S. 64.
- d) That this offer is not a “sham” offer and is made without collusion.
- e) Acceptance of and agreement to fulfill the insurance & risk requirements set forth above.

_____ Printed Name of Authorized Individual _____ Signature

_____ Title _____ Phone _____ Date