

BID #WG20-26 SPECIFICATIONS

These specifications shall be construed as minimum. Should manufacturer's published data or specifications exceed these, such standards shall be considered minimum and furnished. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished.

Bidder shall give a unit prices as indicated on the Bid Response Form. The price shall include all applicable charges, to include but not limited to delivery, etc.

The use of specific names and numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer's, but is solely for the purpose of indicating the type, size and quality of equipment considered best adapted to Baldwin County.

Award will be to the lowest responsible bidder meeting specifications. It is not the policy of the Baldwin County Commission to purchase on the basis of low bid only. Quality, conformity with specifications, purchase for which required, terms of delivery, finance package, resale value of equipment, and fast service and experience are among the factors that will be considered in determining the responsive bidder.

BID RESPONSE FORM

Each supplier should use the Response Form provided for their bid. **Exceptions are to be attached to the back of the Response Form.** The Bid Guarantee should be attached to the front of the Response Form.

DELIVERY

Delivery shall be as soon as possible but not more than **NINETY (90) days** after receipt of order from the Baldwin County Commission. Delivery shall be coordinated with Ed Fox of the Baldwin County Solid Waste Department, at (251)972-6878, ext. 2774. **Delivery location shall be the Magnolia Sanitary Landfill located at 15140 County Road 49, Summerdale, AL 36580.** A Purchase Order will be issued for the equipment listed.

WARRANTY

Bidders shall submit a copy of the manufacturer's standard warranty along with a complete explanation of the warranty **with their bid.** If a separate warranty is required for the tarp system, it shall be included as well **with the bid.**

AWARD

The bid will be awarded to the lowest responsible bidder complying with the conditions of the bid invitation provided that said bid is reasonable and is in the best interest of Baldwin County. The specifications shall be construed as minimum. All integral parts not specifically mentioned in the scope of these specifications that are necessary to provide a complete working unit shall be furnished.

LAWS AND REGULATIONS

The bidders attention is directed to the fact that all applicable federal and state laws, municipal ordinances, and rules and regulations of all authorities having jurisdiction over the purchase of the material described in this bid advertisement shall apply to the purchase agreement throughout, and they will be deemed to be included in the purchase agreement the same as though herein written out in full.

PRICE BID

Destination charges, delivery charges, title fees, rebates and any other similar costs and refunds on the equipment shall be included in the purchase price.

The purchase price shall not include extended warranty cost. These costs shall be stated separately as provided in the specifications.

TITLE INFORMATION

Title shall have the following listed as owner:

Baldwin County Commission
312 Courthouse Square, Suite 11
Bay Minette, AL 36507

SPECIFICATIONS FOR ONE (1) WALKING FLOOR TRAILER 113 CU. YD.

BID INTENT

The intent of this bid advertisement is to purchase one (1) NEW “walking floor” trailer for the Baldwin County Commission’s Solid Waste Department. This trailer will be used to transport waste materials including but not limited to household garbage, construction debris, and vegetative material from the Baldwin County Bay Minette Transfer Station to various landfill disposal facilities in Baldwin County, AL. The trailer will have a capacity of **approximately 113 cubic yards** and must have a *Keith Walking Floor* #2301 “Triple Ridge Floor” (<http://www.keithwalkingfloor.com>) system for unloading the trailer. The basis of Specification is a *J&J* “Dyna Hauler” Series Trailer (www.jjbodies.com) with *Donovan* “Sidewinder” Tarp System (<http://www.donovan-ent.com/>) however other manufacturers complying with the specifications below are acceptable.

The use of specific names and numbers in the specifications is not intended to restrict the bidder or any seller or manufacturer’s, but is solely for the purpose of indicating the type, size and quality of equipment considered best adapted to Baldwin County.

APPROXIMATE DIMENSIONS:

OVERALL LENGTH: 45’-9”
OVERALL WIDTH: 102”
OVERALL HEIGHT: 160”
INSIDE LENGTH: 45’
INSIDE WIDTH: 93 ½”
INSIDE HEIGHT: 104”

CENTER OF KING PIN TO FRONT: 36”

LIVE FLOOR:

Keith “Walking Floor” #2301 HYDRAULIC LLY-OPERATED LIVE FLOOR

DRIVE MECHANISM:

2 IN. X 6 IN. CROSS DRIVES CLAMPED TO HYDRAULIC CYLINDER BARRELS SUPPORTED BY SUPPORT RAILS WHICH ARE ATTACHED TO CENTER FRAME.

THE TWO CYLINDERS ON EACH CROSS DRIVE MUST BE INDEPENDENTLY REMOVABLE AND INTERCHANGEABLE.

MOUNTING:

THE HYDRAULIC DRIVE MECHANISMS MUST BE MOUNTED TO THE CENTER FRAME WHICH IS ATTACHED TO THE TRAILER SUSPENSIONS SUB FRAME.

THE FLOOR MUST HAVE 24 MOVING EXTRUDED FORM 6061-T6 ALUMINUM ON 6 IN. CENTERS.

LEGS AND TOP OF EACH FLOOR SLAB TO BE .187" MINIMUM THICKNESS WITH TWO .750" WIDE X 500" OVERALL THICK RIDGES WITH SLOTS TO ACCOMODATE .750" WIDE POLYETHYLENE SEALS.

EACH CROSS SILL MUST HAVE 14 HIGH DENSITY POLYETHYLENE BEARINGS ATTACHED TO IT.

MINIMUM BEARING SURFACE 30.21 SQUARE INCHES.

EACH FLOOR EXTRUSION SHALL BE SECURED TO THE DRIVE MECHANISM WITH A MINIMUM OF EIGHT 5/16 IN. X 1 IN. ALLEN TYPE COUNTER SUNK BOLTS, GRADE 8 WITH LOCKING NUT.

HYDRAULIC SYSTEM RATING TO BE 30 GPM 3000 PSI.

MUST BE EQUIPPED WITH TWO 9 FT. LONG 1 IN. DIAMETER HOSES WITH SCREW TYPE COUPLERS WITH 1 IN. FEMALE FITTING ON THE PRESSURE SIDE AND 1 IN. MALE FITTING ON RETURN SIDE.

STRUCTURAL REQUIREMENTS:

SIDES: 12 GA. STEEL 50,000 PSI (MIN.) YIELD.

FRONT: 12 GA. STEEL 50,000 PSI (MIN.) YIELD.

TAILGATE: 12 GA. STEEL 50,000 PSI (MIN.) YIELD.

CROSS MEMBERS: 4" JR I-BEAM ON 12" CENTERS.

TOP RAIL: 6" X 4" X 3/16."

BOTTOM RAIL: 10 GA. FORMED HIGH TENSILE STEEL.

SIDE POSTS: 5 5/8" X 3 1/4" FORMED 12 GA. ON 24" CENTERS.

LONG MEMBERS: 3/16" FORMED HIGH TENSILE STEEL.

SUSPENSION SUB FRAME: 3/16" FORMED HIGH TENSILE STEEL CHANNEL.

TOP CROSSTIE: (1) CENTER, (1) REAR, ROLLER STYLE.

FIFTH WHEEL: 3/8" HIGH TENSILE.

BUMPER: HEAVY-DUTY PUSH BUMPER WITH CENTER TOW PIN.

PAINT: STANDARD FACTORY COLOR "WHITE" OR "GRAY" – EITHER IS ACCEPTABLE

REAR DOOR:

12 GA. HIGH TENSILE STEEL CONSTRUCTION WITH BOXED IN 3 IN. X 3 IN. TUBING COMPLETE WITH A POSITIVE VERTICAL LOCKING SYSTEM CONSTRUCTED OF 1 ¼ IN. ROUND ½ IN. RETAINERS 1 ¼ IN. CAM FINGERS WITH A KEYED LOCKING SYSTEM AND SAFETY CHAIN
TAILGATE TO HAVE A SEAL AT LEAST 12 IN. ABOVE THE SILL TO RETAIN LIQUIDS

FRONT BULKHEAD:

12 GA. HIGH TENSILE STEEL CONSTRUCTION WITH 2 IN. X 3 IN. TUBE INCLUDE LADDER AND FRONT ACCESS DOOR TO SERVICE ELECTRIC AND AIR SYSTEM

SUSPENSION & TANDEM AXLES:

SUSPENSION: REYCO 21B, 4 SPRING, 52,000 LB.CAPACITY.
AXLES: TANDEM, DANA-SPICER, 25,000LB. CAPACITY WITH AUTOMATIC SLACK ADJUSTERS. MUST INCLUDE OIL WHEEL SEALS FOR VISUAL FLUID INSPECTION

TIRES, RIMS & BRAKES:

BRAKES: 16 1/2" X 7." WITH MGM STOP MASTER BRAKE CHAMBERS WITH ABS AND AUTOMATIC SLACK ADJUSTERS
HUB & DRUM ASSEMBLY: 10 STUD, STUD PILOTED. RIMS: 22.5" X 8 1/4" TUBELESS.
TIRES: B.F. GOODRICH ST220 OR EQUAL 14 PLY

LANDING GEAR:

HOLLAND MARK V WITH 2 SPEED CRANK TYPE WITH FOOT PADS
50,000 POUND LIFTING CAPACITY AT 100 FT. LB. WITH 170,000 POUND STATIC LOAD CAPACITY

LIGHTS:

TO MEET FEDERAL ICC AND STATE REQUIREMENTS
COMPLETE WITH MIDWAY TURN SIGNAL
TRUCK LIGHT SEALED BULBS IN SHOCK PROOF RUBBER GROMMETS
REFLECTIVE TAPE ON SIDES AND REAR DOOR

WIRING:

ATA COLOR CODED 6/7 WAY RECEPTACLE ON FRONT OF TRAILER
12 VOLT WIRING SYSTEM
ALL WIRING IN CONDUIT

ALL AIR & ELECTRIC LINES TO BE RUN IN PROTECTIVE TUBE FROM FRONT TO REAR

MUD FLAPS:

STANDARD RUBBER

TARPING SYSTEM:

TARP SYSTEM TO COVER FULL LENGTH OF TRAILER AND SIDE TO SIDE
ONE PIECE HYDRAULIC FULLY AUTOMATIC MOUNTED ON THE LEFT SIDE
(DRIVER SIDE) OF THE TRAILER

TARP **MUST** INCLUDE A CENTER-HINGED BRACE AT THE MIDPOINT OF THE
LENGTH OF THE TRAILER – **NO EXCEPTIONS**

OWNERS MANUALS

Bidder must furnish with trailer at delivery two (2) hard copies of owner and operations manual as well as a complete parts manual, as well as the afore-mentioned manuals in electronic format via compact disc (CD). Adobe “pdf” file format with bookmarks is preferred for electronic files. Include separate manuals for tarp system, including parts manual.

BID #WG20-26 RESPONSE FORM
Purchase of one (1) Walking Floor Trailer

Date: _____

Out of State _____ or _____ If yes, Registration Number _____
Yes No

Company Name: _____

Address: _____

Company Rep: _____

(Rep. Name Typed or Printed)

Position: _____

Phone: _____

Fax: _____

Email: _____

Financing through another agency beside yourself Yes or No x

If yes, must attach a copy of the financing agreement and all conditions to this response from.

Financing Agency Authorized Signature

Furnish and Deliver (1) Walking Floor Trailer

Bid Amount: \$

Make / Model: _____

Delivery Time after Receipt of Order (Days)

Brochures showing the equipment offered shall be attached to this Response Form. **All exceptions must be listed and attached to the bid response form.**