CITY OF TUPELO, MS

TANDEM AXLE DUMP CHASSIS WITH MOUNTED DUMP BODY



Specification Response Form

TERMS AND CONDITIONS

INTENT:

This specification shall describe a Tandem Axle Dump Truck to be used in a municipal setting.

ABOUT THIS DOCUMENT:

This document, titled a Specification Response Form, is the form by which vendors shall respond to this bid opportunity. Vendors may be required to include other documents, including warranty or other information in order to be considered responsive.

GENERAL TERMS:

All equipment furnished under this contract shall be unused. Accessories not specifically mentioned herein, but necessary to furnish complete unit ready for use, shall also be included. Unit shall conform to the best practice known to the trade in design, quality of material and workmanship. Assemblies, sub-assemblies, and component parts shall be standard and interchangeable throughout the entire quantity of units as specified in this invitation to bid. The equipment furnished shall conform to applicable Safety Standards. One or more units shall be purchased via this bid.

GUARANTEE:

All units shall be covered by the manufacturer standard warranty. Other warranty conditions may apply.

BID QUOTATION:

Bidders 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.

DELIVERY:

Delivery shall be FOB to the Purchasing Entity with vendor assuming all liabilities for the transport of the unit to the destination:

City of Tupelo, MS

Public Works

QUANTITY:

Quantity determined by unit. Quantities may vary. The Purchasing Entity reverse the right to alter quantities and purchase more or less of any one item or all items.

UNIT AND MODEL EQUIVALENT:

Where model numbers are used, they are used for the sole purpose of illustrating the design and functionality of the unit. In no way is a model name or manufacturer used or meant to indicate a preference for one manufacturer over another. The City of Tupelo reserves the right to accept any variances in these specifications at their discretion as long as the equipment offered meets the functionality required by the City of Tupelo.

SUBMISSION OF SPECIFICATION RESPONSE FORMS:

Vendors shall complete this form and submit it electronically through <u>www.tupelomsbids.com</u> on or before the Specification Response due date and time below.

BID PROCESS:

This bid event is being conducted by reverse auction, which is a bid process during which vendors compete for the Purchasing Entity's business in real time. A timer is set for an initial period of 30 minutes, during which vendors may place bids and receive feedback in the form of a rank (rank will be displayed in brackets adjacent to the vendor's input pricing per line item, as well as a total rank for the group of items together. In our format, a second-place rank would appear as such: [2]. Vendors may reduce their price as many times as they choose to do so. Within the final three minutes of the bid timer, any bid placed shall trigger an extension of an additional three minutes.

Vendors may contact Cory Dewett with PH Bidding Group with questions or training regarding the bid process or website usage.

PH BIDDING CONTACT:			
Vendors who have questions or comments regarding this specification may direct them to:			
Cory Dewett 662-407-0193			
cory@phbidding.com			
PERFORMANCE DATES:			
Advertise: March 2, 2021 Advertise: March 9, 2021 Specification Responses Due: March 25, 2021 before 2:00 p.m. Local Time April 8, 2021 before	2:00 PM	Local Tir	ne
Reverse Auction Date: March 31, 2021 at 10:00 a.m. Local Time -April 14, 2021 at 10:00 AM Local Time	al Time		
Bid Line Items:			
Line Item 1 – Purchase Price for (1) New Tandem Axle Dump Chassis with Mounted Dump Body			
Line Item 2 – Delivery Time (In Days Only)			
Line Item 3 - Snowplow Alternate (Should include Snowplow, plow bracket, and all hyd. and elect truck as an add alternate)	trical con	nections	already plumbed on the
SPECIFICATIONS			
Please acknowledge in the boxes to the right where required. Any Variance from the specification	ons shoul	ld be list	ed in the box to the right.
1.0 Chassis	Yes	No	Variance (If Any)
2021 or newer Year Model			
In the box to the right, state the year, make, and model number of your offered unit:			
2.0 Engine	Yes	No	Variance (If Any)
Minimum 325 HP 750 Lb/Ft Torque @ +/- 1800 RPM Cummins Diesel Engine			
In the box to the right, state the Manufacturer, Model, and HP of your offered engine			
Vertical tail pipe with guard, RH mounted			
3.0 Transmission and Equipment	Yes	No	Variance (If Any)
Allison 4500 RDS with PTO for Automatic Trans Units			
Allison vocational package 223 - available on 3000/4000 product families with vocational models RDS, HS, MH and TRV			
Allison vocational rating for concrete mixer applications only available with 3000 product families			
Primary mode gears, lowest gear 1, start gear 1, highest gear 6, available for 3000/4000 product families only			
Secondary mode gears, lowest gear 1, start gear 1, highest gear 6, available for 3000/4000 product families only			
Primary shift schedule recommended by DTNA and Allison, this defined by engine and vocational usage			
Secondary shift schedule recommended by DTNA and Allison, this defined by engine and vocational usage			
Primary shift speed recommended by DTNA and Allison, this defined by engine and vocational usage			
Secondary shift speed recommended by DTNA and Allison, this defined by engine and vocational usage			

Engine brake range preselect recommended by DTNA and Allison, this defined by engine and vocational usage			
Engine brake range alternate preselect recommended by DTNA and Allison, this defined by engine and vocational usage			
Fuel sense 2.0 disabled - performance - table based			
Driver switch input - default - no switches			
Vehicle interface wiring connector with PDM and blunt cuts, at end of frame			
Electronic transmission customer access connector firewall mounted			
Chelsea 280 series PTO			
PTO mounting, rh side of main transmission			
Magnetic plugs, engine drain, transmission drain, axle(s) fill and drain			
Push button electronic shift control, dash mounted			
Transmission prognostics - enabled 2013			
Water to oil transmission cooler, in radiator end tank			
Transmission oil check and fill with electronic oil level check			
Synthetic transmission fluid (TES-295 compliant)			
4.0 General Dimensions	Yes	No	Variance (If Any)
	_	_	
Body Length – 16 foot Square Body	Ш		
Body Length – 16 foot Square Body Inside Width – 87"			
Inside Width – 87"			
Inside Width – 87" Side Height – 48"			
Inside Width – 87" Side Height – 48" Tailgate Height – 56"			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56"			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile Top Rail – 4" Square Tubing			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile Top Rail – 4" Square Tubing Water Level Capacity – 17 Yard – Front and Tailgate Capacity shall be 19 Yard			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile Top Rail – 4" Square Tubing Water Level Capacity – 17 Yard – Front and Tailgate Capacity shall be 19 Yard Longitudinal – 5" Channel with Cross Member at 4" Channel on 12" Centers			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile Top Rail – 4" Square Tubing Water Level Capacity – 17 Yard – Front and Tailgate Capacity shall be 19 Yard Longitudinal – 5" Channel with Cross Member at 4" Channel on 12" Centers Cab Shield – 24" with 4" Integral Wind Deflector			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile Top Rail – 4" Square Tubing Water Level Capacity – 17 Yard – Front and Tailgate Capacity shall be 19 Yard Longitudinal – 5" Channel with Cross Member at 4" Channel on 12" Centers Cab Shield – 24" with 4" Integral Wind Deflector Hoist – NTEA Rated Class 120 Front Telescopic			
Inside Width – 87" Side Height – 48" Tailgate Height – 56" Front Height – 56" Body Sides – 10 Gauge A1011 Hi Tensile Body Floor – 3/16" A 1011 Hi Tensile Tailgate – 10 Gauge A1011 Hi Tensile Top Rail – 4" Square Tubing Water Level Capacity – 17 Yard – Front and Tailgate Capacity shall be 19 Yard Longitudinal – 5" Channel with Cross Member at 4" Channel on 12" Centers Cab Shield – 24" with 4" Integral Wind Deflector Hoist – NTEA Rated Class 120 Front Telescopic HYD Pump – 85CC Gear Pump to be Integrally mounted to PTO with Air Tipper Valve			

Lights/Reflectors – Meet FMVSS108 with Four Corner LED Warning Light System			
• 2 Amber Warning Light in Cab Shield			
• 1 Amber Warning Light on Each Rear Post			
• In-Cab Switch			
10" Full Depth Rear Corner Post and Skirt			
Backup Alarm			
Sideboards @ 8" Hardwood			
8" Dump Apron			
Mud Flaps – Rear of Tandem Axles			
Finish: Phosphate wash, epoxy primer and painted gloss black urethane enamel			
Primed and Finish Painted with Epoxy Urethane			
30T Rigid Pintle Hook			
5.0 Features	Yes	No	Variance (If Any)
Exterior/Interior Steps, Chrome Bumper			
In-Cab Controls			
Cable to Pump Air Shaft PTO Controls			
Air Actuated Tailgate			
Tailgate Spreader Chains			
6" Telescoping Hoist			
Backup Alarm			
Body Up Indicator			
6.0 Front Axle and Suspension	Yes	No	Variance (If Any)
Detroit DA-F-12.0-3 12,000# ff1 71.5 KPI/3.74 Drop Single Front Axle			
DTNA 15x4 q+ cam front brakes			
Non-asbestos front brake lining			
Conmet cast iron front brake drums			
Front oil seals			
Vented front hub caps with window, center and side plugs - oil			
Standard spindle nuts for all axles			
DTNA automatic front slack adjusters			
TRW THP-60 power steering			
Power steering pump			-
2 Quart see through power steering reservoir			
Current available synthetic 75w-90 front axle lube			
12,000# mono Taperleaf front suspension			

Maintenance free rubber bushings - front suspension			
Front shock absorbers			
7.0 Rear Axle and Suspension	Yes	No	Variance (If Any)
mt-40-14x 40,000# r-series tandem rear axle			
5.29 rear axle ratio			
iron rear axle carrier with optional heavy duty axle housing			
mxl 17t DTNA extended lube main driveline with half round yokes			
mxl 17t DTNA extended lube interaxle driveline with half round yokes			
(1) interaxle lock valve for tandem or tridem drive axles			
blinking lamp with each interaxle lock switch, interaxle unlock default with ignition off			
DTNA 16.5x7 q+ cast spider cam rear brakes, double anchor, fabricated shoes			
non-asbestos rear brake lining			
asphalt spreader clearance rear brake geometry			
Conmet cast iron rear brake drums or equivalent			
rear oil seals			
Haldex Goldseal Longstroke 2-drive axles spring parking chambers or equivalent			
Haldex automatic rear slack adjusters or equivalent			
current available synthetic 75w-90 rear axle lube			
Hendrickson rt403 @40,000# rear suspension			
Hendrickson RT/RTE - 7.19" saddle			
Standard axle seats in axle clamp group			
52 inch axle spacing			
Steel beams and rubber center bushings with bar pin adjustable end connections			
Fore/Aft control rods			
8.0 Brake System	Yes	No	Variance (If Any)
Air brake package			
Wabco 4s/4m abs			
Reinforced nylon, fabric braid and wire braid chassis air lines			
Fiber braid parking brake hose			
Standard brake system valves			
Standard air system pressure protection system			
Standard US front brake valve			
Relay valve with 5-8 psi crack pressure, no rear proportioning valve			
BW ad-9 brake line air dryer with heater			
Air dryer frame mounted			

Steel air brake reservoirs			
Pull cables on all air reservoir(s)			
9.0 Frame	Yes	No	Variance (If Any)
11/32x3-1/2x10-15/16 inch steel frame (8.73mmx277.8mm/0.344x10.94 inch) 120KSI			
Yield Strength: 120,000 PSI or equivalent or greater			
Two (2) Front tow hooks. 2 Rear tow hooks. Trailer towing – Rear End of Frame			
10.0 Chassis Equipment	Yes	No	Variance (If Any)
Fender and front of hood mounted front mudflaps			
Painted Steel Bumper with collapsible ends or equivalent			
11.0 Fuel Tanks and Equipment	Yes	No	Variance (If Any)
Fuel filter/water separator			
Reinforced nylon fuel hose			
Minimum 50 Gallon Fuel Tank			
Minimum 10 Gallon DEF Tank			
12.0 Tires, Hubs, and Wheels	Yes	No	Variance (If Any)
Continental hsr2 11r22.5 14 ply radial front tires or Equivalent			
Continental hdr2+ 11r22.5 14 ply radial rear tires or Equivalent			
Conmet preset plus premium iron front hubs or Equivalent			
Conmet preset plus premium iron rear hubs or Equivalent			
Maxion wheels 90262 22.5x8.25 10-hub pilot 6.19 inset 5-hand steel disc front wheels or Equivalent			
Maxion wheels 90262 22.5x8.25 10-hub pilot 5-hand steel disc rear wheels or Equivalent			
13.0 Cab Exterior	Yes	No	Variance (If Any)
Conventional Steel or Aluminum			
Air cab mounts			
Grab handles LH/RH			
Air horn			
Dual door mounted heated mirrors			
LH/RH 8" Heated convex mirrors; Bright finish, mounted under primary mirrors			
Door locks and ignition switch keyed the same			
(5) amber marker lights			
Integral stop/tail/backup lights – LED Push-In Lights – 6" Round			
Standard front turn signal lamps			
Dual west coast molded-in color mirrors			
Standard side/rear reflectors			
Dual level cab entry steps on both sides			

14.0 Cab Interior	Yes	No	Variance (If Any)
Cloth, Vinyl or Leather interior			
Valeo HD A/C Refrigerant Compressor			
Heater, defroster, and air conditioner with R-134A Freon, No Exceptions			
Dome light with 3-way switch activated by LH and RH doors			
Adjustable steering wheel			
Basic high back air suspension driver seat with mechanical lumbar and integrated cushion extension			
2 Man Toolbox mid back non suspension passenger seat			
LH and RH Integral Door Panel Armrests			
Adjustable tilt and telescoping steering column			
Driver and passenger interior sun visors			
15.0 Instrumental Panel and Controls	Yes	No	Variance (If Any)
Cruise control			
Primary and secondary air pressure gauges			
Intake mounted air restriction indicator			
Diagnostic interface connector			
Engine and trip hour meters			
Engine coolant temperature gauge			
Transmission oil temperature gauge			
Low air pressure light & buzzer			
Electric fuel gauge			
Electric engine oil pressure gauge			
Electronic speedometer			
AM/FM/WB/CD/Bluetooth Radio			
Unit shall be prewired for CB Radio			
75 MPH Road Speed Limit			
PTO mode brake override - service brake applied			
PTO mode cancel vehicle speed - 5 mph			
PTO governor ramp rate - 250 rpm per second			
Two remote PTO speeds			
PTO speed 1 setting - 700 rpm			
PTO speed 2 setting - 900 rpm			
PTO minimum RPM - 700			
Regen inhibit speed threshold - 5 mph			

16.0 Paint	Yes	No	Variance (If Any)
Cab/Body Color: Silver w/Clear Coat			
Chassis: Black			
17.0 Warranty and Service	Yes	No	Variance (If Any)
3 Year/100,000 Miles Parts on Major Components – Provide a Listing of All Covered Components. Chassis warranty shall also cover Suspension System, Ignition System, AC/Heating Systems, Drive Shafts, Wiring, Fuel System, Steering System, Exhaust System, Instrument and Gauges, Transfer Case Mounts.			
DPF Cleaning for 3 Years – Dealer must pick up unit at Buyer's location, returning it when DPF cleaning is complete.			
3 Year 100,000 Mile Full Engine Warranty with \$0 deductible. Includes Injectors, Pumps, Aftermarket System Doc & Housing, SCR Catalyst & Housing.			
Response time for warranty claims shall be closely monitored by the City of Tupelo. Units with warranty issues shall be diagnosed within 48 hours of arrival at the dealership. Parts for warranty repairs, if not in dealer stock, shall be ordered within 24 hours of diagnoses. Dealer shall communicate with City as to the expected return date of unit.			
Towing to 36-months – Service call to the vehicle or towing to the nearest dealership for a non-drivable unit in conjunction with a warrantable failure: Equivalent plans with minor deviations are acceptable, as long as the deviations are clearly noted.			
Virtual technician system or equivalent. Please attach a separate sheet or brochure to describe your virtual technician system. This document shall be part of the bid package.			
18.0 Specification Response Form Complete Document Checklist	Yes	No	Variance (If Any)
Include all below documents in order for your Specification Response Form to be considered:	T	T	T
Equipment Brochure Included:			
Written Warranty Information Included:			
PH Bidding Supplier Agreement Included:			
Company Name:			
Representative:			
Billing Address:			
Company Phone:			
Representative Cell:			
Email:			