

NOTICE TO BIDDERS

Notice is hereby given the Board of Commissioners of Montgomery County, Indiana will receive sealed bids for (2) Heavy Duty Tandem Dump Trucks with 11 foot Snow Plow and Stainless Steel Tailgate Spreader on each truck, until the hour of 3:00 p.m. on Friday September 20th, 2019 at the Auditor's Office in the Courthouse in Crawfordsville, IN. Bids will be opened at the Montgomery County Commissioner's Meeting in the Courthouse in Crawfordsville, IN at 8:00 a.m. on Monday September 23rd, 2019 for the following:

(2) Heavy Duty Tandem Dump Trucks

Specifications are on file at the Montgomery County Highway Department and the Montgomery County Auditor's Office. The Board of Commissioners reserves the right to waive any formalities and technicalities and reject any or all bids if to the best interest of Montgomery County.

Dated the 12th day of August, 2019
Jennifer Andel
Auditor, Montgomery County

MONTGOMERY COUNTY COMMISSIONERS
Jim Fulwider
John Frey
Dan Guard

SPECIFICATIONS FOR 2 TANDEM AXLE TRUCK CHASSIS (With Automatic Transmission)

GENERAL:

This specification shall describe a **New Heavy Duty Tandem**. Bidders must submit with their bid complete specifications on the unit they propose to furnish and must comply with the specs detailed below.

1	MINIMUM ENGINE AND EQUIPMENT REQUIREMENTS:	COMPLIANCE
1.01	370 HP @ 2000 RPM / 370 @ 2200	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.02	1000 ft-lb torque @ 1400 RPM	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.03	Must meet 2010 EPA emissions	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.04	Turbo exhaust brake	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.05	Diagnostic plug for data link	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.06	Engine oil cooler	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.07	Aluminum flywheel housing	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.08	Cruise control with auto resume feature	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.9	Gear down protection	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.10	Engine protection shutdown	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.11	Maximum vehicle speed in top gear = 70 MPH	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.12	Maximum PTO speed = 1400 RPM	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.13	Air compressor – 18.7 CFM	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.14	Engine mount Powercore air cleaner with constant torque stainless steel clamps. Inside / outside air intake with cowl inlet	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.15	2-Speed fan hub for Paccar PX-9 engine	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.16	1300 sq. inch cooling module with nylon fan blade, translucent top tank, aluminum core, air to air heat exchanger/aftercooler, high performance fan ring shroud, silicone coolant hoses with constant torque clamps	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.17	RH under cab DPF/SCR for Paccar PX-9 with single vertical RH SOC pipe	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.18	Tailpipe: 5" Single 24" 45 degree Curved	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.19	Fleetguard filter / water separator with (water in fuel) sensor.	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.20	Fuel cooler for single fuel tank	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.21	Block heater: Paccar 1750 watt 120V	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.22	Paccar 160 amp , brushless	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.23	(3) Paccar GP31 threaded post (700) 2100 CCA dual purpose 12 volt light system w/circuit protection	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.24	Starter: Paccar 12 volt electrical system with centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12 volt light system with circuit protection circuits numbered and color coded	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.25	Multi-function engine connector for body up-fitter	<input type="checkbox"/> Yes <input type="checkbox"/> No
1.26	Blockheater and plug	<input type="checkbox"/> Yes <input type="checkbox"/> No

2.	TRANSMISSION AND CLUTCH:	
2.01	Allison 3500RDS 6 Speed w/ PTO drive gear and includes: heat exchanger and oil level sensor	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.02	Driveline: 2 Medium duty; 1 Centerbearing	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.03	Torque Converter included with Allison	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.04	Pushbutton center mounted console control with fifth generation controls and dynamic shift sensing	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.05	Chassis to be fitted with LH transmission PTO	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.06	PTO to be ran of transmission	
3.	FRONT AXLE AND EQUIPMENT:	
3.01	Meritor MFS20 Front axle rated at 20K	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.02	Front brakes shall be Bendix air disc with splined rotor and slack adjusters. 14,601-22K rated	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.03	Front hubs to be 20K, 10 bolt, iron hub with 11-1/4" bolt pattern	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.04	Front Springs: Taperleaf 20K w/shock absorbers	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.05	Dual power steering gear: 20K Sheppard	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.06	Radiator mounted power steering cooler	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	REAR AXLE AND EQUIPMENT	
4.01	Dual Merito MP44-14x5 rear axle with 44K rating	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.02	Rear Axle ratio : 5.29	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.03	Dual rear brakes shall be Bendix air disc with splined rotor and slack adjusters for tandem axle	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.04	Dual rear hubs to be iron hub with 11-1/4" bolt pattern	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.05	Bendix 4S/4M anti-lock brake system	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.06	Wheel Differential lock for Dana Spicer Axles	
4.07	Rear Suspension: Tandem Hendrickson HMX460 46K, 54" axle spacing with shocks, track rods, rubber bushings and 17.5" saddle height. Unladen height-11.6" / Laden height- 10.5"	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	TIRES AND WHEELS:	
5.01	Front Tires: Goodyear G296 385/65R22.5 18PR	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.02	Rear Tires: Goodyear G182 RSD11R22.5 14PR (quantity of 8)	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.03	Front Wheels: Alcoa 82362 22.5" x 12.25"	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.04	Rear Wheels: Accuride 50344 22.5 x 8.25" ,steel armor powder coat, 5 hand holes, hub pilot mount. (quantity of 8)	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	FRAME AND EQUIPMENT:	
6.01	Frame Rails: 10 5/8" x 3 1/2 x 5/16" with a full steel insert for combined RBM of 2,925,000 in-lbs per rail.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.02	Wheel base to render 112" C/A for 14' body	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.03	Battery box location: RH Side, cantilevered BOC with fiberglass cover	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.04	Front molded mudflaps & rear rubber mudflaps	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.05	Non-polished 2010 DPF/SCR cover: w/cab access step assembly, RH under	<input type="checkbox"/> Yes <input type="checkbox"/> No

6.06	Square end of frame w/o crossmember; non-towing	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	FRONT FRAME AND HOOD PLOW HITCH ACCOMODATIONS:	
7.01	Front frame structure must allow for direct mount of plow hitch	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.02	Front bumper should allow direct frame plow hitch mount	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.03	Truck grill to be stationary when hood is opened forward	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.04	Plow hitch to be adequately braced to chassis frame for proper plow performance with no changes to chassis frame specifications or chassis frame RBM ratings	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	FUEL TANKS AND EQUIPMENT	
8.01	70-100 US gallon aluminum fuel tank	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.02	Small round 11 US gallon DEF tank located rearward of cab LH side	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.03	6" Wide lower fuel tank step	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.	CAB AND EQUIPMENT	
9.01	Conventional Cab w/ curved glass includes: aluminum and fiberglass fully huck bolted cab w/ all aluminum bulkhead doors and continuous stainless steel piano-style door hinge and pins. Single-piece windshield	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.02	Incandescent exterior lighting with diagnosable bulb detection and warning	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.03	Cab Heater: Integral defrosters and A/C 45,000 BTU cab heater	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.04	Sloped aerodynamic hood with grille and separate bumper	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.05	Tilt and telescoping steering column	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.06	Switch and wiring for Up-Fitter installed PTO	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.07	(3) Spare switches wired to power	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.08	Instrument package and driver information: Tachometer, fuel economy, truck information including diagnostics, gear display, engine coolant temperature, engine oil pressure, voltmeter, DEF level w/ warning lamp, engine hours, outside air temperature,	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.09	Dash to have additional large flat panel for future switch locations	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.10	Cab Interior: Slate Gray w/ dark slate gray trim: to include upholstered side and back panels w/ stitched accent lines, upholstered door pads, full vinyl headliner, black dash panels and black rubber floor mats.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.11	Drivers Seat: Air cushioned 20" wide seat w/ 7" fore and aft slide adjustments. 6-23 degree recline, dual arm rests, single chamber air lumbar support, 2 position tilt and 2 position front cushion extension. Visor and 3 point seat belt	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.12	Passenger Seat: standard with toolbox, fixed base and backrest. Dual arm rests. Seat measures 19.5"	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.13	AM/FM Weather Band Radio, USB, Bluetooth and hands free capabilities	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.14	Back-up Camera	
9.15	Cab to have CB installation kit consisting of CB mount, power and ground posts,dual antenna leads on the mirror brackets and	<input type="checkbox"/> Yes <input type="checkbox"/> No

	separate speaker	
9.16	Under dash center console w/ 2 cup holders, 1 ashtray and 2 12V outlets	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.17	Column mounted head light dimmer switch and intermittent wiper control	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.18	Door locks to be electric both LH and RH side	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.19	Cab access contoured grabhandles, LH / RH	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.20	Inside door frame grab handles RH and LH with additional LH with short extension over the door	
9.21	Single air horn under cab	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.22	Dual convex heated mirrors	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.23	Mirror brackets to be set at 8-1/2' load width	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.24	Cab to have two rear corner cab windows measuring 17" x 16"	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.25	Rear cab window to be stationary and be lightly tinted	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.26	Electric windows	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.27	Cab to have 2" rubber wheelwell fender extension	<input type="checkbox"/> Yes <input type="checkbox"/> No
9.28	Cab to have airride suspension	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.	LIGHTS:	
10.01	Headlamps: Halogen projector low beam, high beam halogen complex reflector	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.02	Marker Lights: (5) aerodynamic LED lights mounted on cab roof	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.03	Turn Signal Lights: Mounted on fenders	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.04	Combination stop, tail, turn flange mounted with two LED backup lights	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.05	Dual strobe LED amber beacon lamps to be 12V powered and centered over cab doors w/ stainless steel brackets	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.06	Plow lights shall be hood mounted on left and right side of hood.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.07	Mounting brackets for plow lights shall be curved aluminum and aluminum mounting plates with rubber gaskets between mounting plates and fiberglass hood.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.08	Plow lights to be controlled by factory installed switch with circuit breaker	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.09	Factory chassis headlights option to disengage when plow lights are on	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.10	Plow lights shall have turn signals as well as high and low beam capability	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.11	Electric backup alarm	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.12	Chassis to have body builder harness to extend tail, turn, stop and marker light circuits from standard body builder to BOC end of frame.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10.13	Circuit breakers: replacing fuses. Does not apply to any 5-amp fuse box position. Breakers include stop/brake/turn, tail lamp, high & low beams, marker/clearance lamps, horn, fuel heat, gauges, wipers, air dryer, HVAC controls, panel lights	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	AIR EQUIPMENT:	

11.01	Air Dryer: Bendix AD-IS heated and installed on right hand side BOC	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.02	Chassis to have air tanks clear of left side of frame	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	<u>SAFETY EQUIPMENT:</u>	
12.01	(1) 5lb Dry chemical type fire extinguisher mounted outboard of driver seat. Class ABC	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.02	Warning triangle reflector kit – floor mounted	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	<u>Paint:</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.01	Base coat / Clear coat	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.02	Paint Red	<input type="checkbox"/> Yes <input type="checkbox"/> No

TANDEM DUMP BODY AND SNOW PLOW SPECIFICATIONS

1-Henderson Mark E 14' dump body package ---36" sides ---2" wide board pockets---3/16" AR 400 floor (200,000 PSI tensile strength)- floor to side braces---8" I-beam long sills---7 gauge rear corner posts 8" higher than the sides---air operated tailgate (stainless steel bushings) with double horizontal braces---1.25" tailgate pins with 1" plate hinges---10 gauge 1/2 cab shield with 7 gauge end plates (22" X 86") ---12" bolt apron with 1/4" end plates---ladder---recessed stop, turn, tail, and strobe lights---strobes also built into the headache rack--two pair of special built mud flaps---back up alarm---trunion mounted double acting nitrated telescopic hoist (M130-5.5-3)---8" X 6" X 1/2" hinge angle with 2" cold rolled hinge pins and greasable blocks---10 gauge 201 stainless steel construction--- LED amber cab strobe on aluminum light bar with LED plow lights---LED salt spreader light mounted half way up the driver's side of bed wired into a switch--electric tarp with tension bow with asphalt cover---complete central hydraulic system with PTO for automatic transmission with direct mount pump--- Force America 51100-EX electric in cab dual spreader control---Morse cables for plow and hoist operation---DVA20-4 (500A)-3-4-YE LCH valve-40 gallon reservoir with shut off valve and sight gauge---hoses and quick couplers to the front and rear for plow and spreader operation with plugs and caps--- must have authorized service center within 40 miles of Crawfordsville---Husting 34" snow plow hitch installed with double acting lift cylinder---

Optional:

Force America reservoir/valve enclosure with integrated return line filter.

1-Reversible snow plow-41" high and 11' in length-All moldboards 3/16" rolled plate steel with tapered 1/2" X 4" plasma cut ribs and 4 X 4 X 5/8" reinforced bottom angle-heavy duty circle push frame, 3 1/2" x 3 1/2" x 1/2"rolled angle welded to 4" x 4" x 3/8" structural tube push beam -A frame of 4" ship channel welded to a 1" x 5" back plate reinforced with a 5/8" x 3 1/2" top plate-heavy duty swivel plate, 7" ship channel with 1 1/4" grade 8 bolt in reinforced swivel mechanism and 1" plasma cut ears-rugged adjustable running gear assembly -1 1/4" acme threaded rod in 3 1/2" x 3 1/2" x 3/16" structural tubing-dual redundancy hydraulic reversing system with two 3" x 10" double acting cylinders and cushion valves as minimum-34" Husting type hitch with side plates with a 3" x 10" single acting lift cylinder (plow portion and truck portion included)-NO EXCEPTIONS

STAINLESS STEEL TAILGATE SPREADER

1-Stainless steel tailgate spreader-9" diameter auger direct drive-polyurethane disk is 18" with six formed fins-hoses and fittings to be complete install.

Contractor's Affidavit
HEA 1005 (2012) and Public Law 21 (2012) Compliance

I, _____, swear and affirm, under penalties for perjury, that:

1. I am the _____ of {INSERT COMPANY NAME} have the authority to make the representations contained in this affidavit on {INSERT COMPANY NAME} behalf;
2. Neither I nor any owner is a spouse, parent, stepparent, child, adopted child, stepchild, brother, sister, stepbrother, stepsister, brother by the half blood, sister by the half blood, niece, nephew, aunt, uncle, daughter-in-law or son-in-law of any commissioner or county-council member;
3. If during the term of this contract a person is elected who is a relative of mine or any other owner of {INSERT COMPANY NAME} I will make a written disclose of the relationship to the commissioners and the county council president;
4. Neither I nor {INSERT COMPANY NAME} is engaged in any investment activity in Iran; and
5. I understand that this affidavit is made for the purpose of complying with Indiana House Enrolled Act 1005 (2012) and Public Law 21 (2012) that Montgomery County intends to rely upon my representations contained in this affidavit.

Date: _____

Signature

Title

State of Indiana

SS:

County of _____

Before me personally appeared, _____ who being first duly sworn under penalties for perjury and signed the above and foregoing affidavit this ___ day of _____, 2019.

_____, Notary Public

My Commission Expires: _____

County of Residence : _____

**AGREEMENT ADDENDUM REQUIRING
E-VERIFY COMPLIANCE**

In addition to any other agreements, contracts and covenants between the parties, Montgomery County, Indiana (County) and _____ (Vendor) for and in consideration of the mutual promises contained herein, and as an addendum to any agreements between them, agree as follows:

In compliance with the mandates upon municipalities contained in Indiana Code §22-5-1.7, which became effective 1 July 2011, Vendor shall enroll in and verify the work eligibility status of all newly hired employees through the E-Verify Program ("Program"). Vendor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists. Vendor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that Vendor or its subcontractor subsequently learns is an unauthorized alien. If Vendor violates this provision, the County shall require Vendor to remedy the violation not later than thirty (30) days after the County notifies Vendor. If Vendor fails to remedy the violation within the 30-day period, County shall terminate the contract for breach of contract. If the County terminates the agreement, Vendor shall, in addition to any other contractual remedies, be liable to County for actual damages. There is a rebuttable presumption that Vendor did not knowingly employ an unauthorized alien if Vendor verified the work eligibility status of the employee through the Program. If Vendor employs or contracts with an unauthorized alien but the County determines that terminating the contract would be detrimental to the public interest or public property, the County may allow the contract to remain in effect until the County procures a new contractor. Vendor shall, before performing any work, require each subcontractor to certify to Vendor that the subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. Vendor shall maintain on file a certification from each subcontractor throughout the duration of the parties' agreement. If Vendor determines that a subcontractor is in violation of this provision, Vendor may terminate its contract with the subcontractor for such violation. Under IC 22-5-1.7, this Agreement Addendum includes an affidavit affirming that the business entity does not knowingly employ an unauthorized alien and confirming Vendor's enrollment in the Program, unless the Program no longer exists.

Montgomery County, Indiana

By: _____
Printed:
Title:

Dated: _____

ATTEST:

Jennifer Andel, Auditor

Dated: _____

VENDOR:

By: _____

Dated: _____

UNAUTHORIZED ALIEN AFFIDAVIT (I.C. 22-5-1.7-11)

The undersigned, swears and affirms under penalties for perjury, that _____
_____ (Vendor) does not knowingly employ an unauthorized
alien. The undersigned further affirms that, prior to entering into this Contract with the County, Vendor will
enroll in and agrees to verify the work eligibility status of all its newly hired employees through the E-Verify
program.

Vendor:

By (Written Signature): _____

(Printed Name & Title): _____