

**REVISED ATTACHMENT B – BID PRICING SUBMITTAL FORM**  
**Tandem Axle Dump Truck– RFB #PUR0818-037**

**FOB POINT**

The FOB Point, in terms of loss or damage, as well as where title to the goods is passed, shall be FOB - Destination.

**FREIGHT CHARGES**

Freight charges are to be included in the quoted price of the goods, rather than as a separate item unless otherwise noted.

**BRAND NAMES**

Unless otherwise indicated, the name of a certain brand, make or manufacturer does not restrict bidders to the specific brand, make or manufacturer named. It conveys the general style, type, character and quality of the article desired, and any article which the City in its sole discretion determines to be the equal of that specified, considering quality, workmanship, economy of operation and suitability for the purpose intended shall be accepted. Any brand name or manufacturer's reference used in this bid is descriptive NOT restrictive. It is used to indicate type and quality desired.

**EQUIVALENTS**

The name of any manufacturer mentioned in the specifications is for the purpose of establishing a minimum acceptable standard of quality desired by the City. On all items bid, the bidder shall indicate clearly the product being bid and, where applicable, shall supply catalog cuts and descriptive literature with the original copy of the bid. Equivalent products will be considered for all products unless it is specifically indicated for a particular product that no substitutions are allowed. It is the sole discretion of the City to make the determination if a product will be acceptable as an equivalent.

**SPECIFICATION COMPLIANCE**

Any supplier who willfully falsifies responses indicating compliance or non-compliance with the minimum requirements listed below will be subject to suspension and/or debarment from bidding. Vendors shall complete every line on the bid submittal forms (Does not meet Spec, Meets Spec or Exceeds Spec) and indicate the exact item being bid to meet the minimum specified item. An X, check mark, or yes will indicate the item specified is being provided. All bullet points must be acknowledged with the aforementioned. All exceptions shall be stated no matter how seemingly minor.

Specifications for Tandem Axle Dump Truck for Fleet Services.

Cab & Chassis

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
<b>1</b>	<b>Engine</b>				
	Cummins power L9 370 Horsepower at 2000 RPM, 1250 ft/lb torque at 1400 rpm (Must have wet cylinder sleeves/ liners) no substitutions.				
<b>2</b>	<b>Engine Equipment</b>				
	Engine shall be equipped with a dry type air cleaner with snow door				
	Engine shall be equipped with a 1,000 watt, 115-volt block heater (minimum)				
	12V 160 AMP alternator (minimum)				
	2 -12V threaded stud batteries 2200 CCA minimum. State the CCA _____				
	Battery box frame mounted under cab (battery box mounted so as to not interfere with up-fit components)				
	Frame ground return for battery cables				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	18.7 CFM air compressor				
	Electronic engine shutdown protection system				
	Exhaust appropriate for body configuration, up-fit and Federal Regulations horizontal exhaust pipe. Vertical is acceptable for this build as long as a heat shield is also installed for safety purposes.				
	Air operated fan clutch				
	Automatic control without dash switch				
	Combination full flow/bypass oil filter				
	Aluminum radiator, 1200 sq in minimum				
	Anti-freeze rated to -34 F				
	Heavy duty coolant hoses				
	Oil pan treated to resist corrosion				
<b>3</b>	<b>Transmission and Equipment</b>				
	Allison 3000 RDS automatic transmission, with PTO provision, 6 speed, 70 mph				
	Body Builder wiring to the back of the cab w/ sealed connectors				
	Temperature gauge				
	Indicator, low coolant level, with audible alarm.				
	Magnetic plugs, engine drain, transmission drain, axles fill and drain				
	Push button, electronic shift control, dash mounted				
	Transmission oil check and fill with electronic oil level check				
	Water to oil transmission cooler				
<b>4</b>	<b>Front Axle and Suspension</b>				
	18,000 lb front axle (minimum) , standard axle setting				
	Dual steering gears				
	Meritor 16.5 x 6 cast spider cam front brakes				
	Non-asbestos front brake lining				
	Cast iron front brake drums				
	Standard spindle axle nuts for all axles				
	Automatic front slack adjusters				
	Power steering				
	2 quart translucent power steering reservoir				
	18,000 lb front suspension, taper leaf spring				
	Heavy duty front shock absorbers				
<b>5</b>	<b>Rear Axle and Suspension</b>				
	40,000 lb rear axle (minimum) Meritor preferred, please specify when bidding				
	Automatic traction control and full differential lock				
	Main driveline with half round yokes				
	Synthetic auto trans oil & synthetic 75W-90 all axles				
	Meritor 16.5 x 7 cast spider cam rear brakes				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Non-asbestos rear brake lining				
	Cast iron rear brake drums				
	Drive axle spring parking chambers				
	Automatic rear slack adjusters				
	Rear suspension 40,000 lb. Hendrickson Haulmaax suspension				
<b>6</b>	<b>Brake System Equipment</b>				
	Air brake package				
	Cam type system				
	Air parking brake				
	Nylon air lines, color and size coded.				
	Standard brake system valves				
	Relay valve with 5-8 PSI crack pressure no rear-proportioning valve				
	AD-9 air dryer with heater				
	Powder coated paint on air tanks, to resist corrosion.				
	Pull cables on wet tank				
	Front and rear brake covers (dust shields)				
	7-Way primary trailer cable receptacle, wired for combination stop/turn. The center pin shall be powered through the ignition with stop signal prewire package				
<b>7</b>	<b>Cab to Trunion Length</b>				
	Cab to Trunion = 120" <b>Must be compliant with body manufacturer requirements</b>				
<b>8</b>	<b>Chassis Equipment</b>				
	Front bumper treated to resist corrosion, w/ license plate mounting				
	2 tow hooks, front frame mounted				
	<del>Rear hitch plate with adjustable pintle hitch and D-rings for safety chains</del> Moved to Dump Body Specs				
	Clear frame rails / <b>NO</b> protrusions outboard both frame rails BOC to rear suspension Powder coated paint on the cross members				
<b>9</b>	<b>Fuel Tanks and Equipment</b>				
	50-gallon minimum rectangular aluminum step type fuel tank LH				
	Fuel tank forward				
	Tank not to extend beyond rear of cab				
	Reinforced nylon fuel hose				
<b>10</b>	<b>Front Tires, Hubs, Wheels</b>				
	Two (2) – 385/65 x R22.5, Michelin				
	Cast iron front hubs				
	22.5x 12.25 10 stud -hub pilot steel disc front				
<b>11</b>	<b>Rear Drive Tires, Hubs, Wheels</b>				
	Eight (8) mud and snow rear 11R22.5 - 14 ply tires, Michelin				
	Cast iron rear hubs				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	22.5x8.25 10 stud- hub pilot 2 hand steel disc rear wheels				
<b>12</b>	<b>Cab Exterior</b>				
	Flat roof standard conventional cab				
	Cab air suspension				
	LH and RH exterior grab handles				
	Powder coated paint on the cab entry steps, to resist corrosion				
	Remote jump posts				
	Dual electric horn				
	All locks keyed the same				
	Rear license plate mount at the end of frame				
	Integral headlight/marker assembly				
	(5) amber marker lights, LED				
	Integral stop/tail/backup lights, LED				
	Standard front turn signal lamps				
	Switch and wiring with stainless steel brackets (OEM) mounted outboard roof for 2 Whelen lights L41AP				
	Dual heated West Coast mirrors, power, 4 way adjustable				
	Door mounted mirrors				
	102" equipment width				
	LH/RH 8" convex mirrors mounted under primary mirrors				
	Standard side/rear reflectors				
	Tinted rear window				
	Tinted door glass LH & RH with tinted wing windows (wing windows non-operable/stationary)				
	Manual door window regulators				
	Tinted windshield, not heated				
	Windshield washer fluid reservoir 2 gallon, translucent				
<b>13</b>	<b>Cab Interior</b>				
	Gray vinyl interior				
	Molded plastic door panels				
	Forward roof mounted console with upper storage compartments, center overhead radio compartment for city radio (installed after delivery)				
	Plastic manifest holder- LH door				
	Minimizer floor mats, black				
	(2) cup holders				
	High output heater, defroster and air conditioner				
	Main HVAC controls with recirculation switch				
	High output air conditioning				
	Premium cab insulation				
	Circuit breakers- auto reset				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	AM/FM radio with bluetooth, (2) radio speakers (cab only)				
	Battery disconnect (OEM), inside cab located next to driver's seat				
	Dome light with 3-way switch activated by left and right hand doors				
	Cab door latches with manual locks				
	Heavy duty air ride driver's seat				
	Heavy duty stationary passenger seat				
	LH and RH integral door panel arm rests, arm rest outboards are not needed				
	Driver's seat- Cloth				
	Passenger's seat- Cloth				
	Adjustable tilt steering column				
	450MM (18") spoke steering wheel				
	Driver and passenger interior sun visor				
<b>14</b>	<b>Instrument Panel and Controls</b>				
	Low air pressure light and buzzer				
	Primary and secondary air pressure gauges. Intake mounted air restriction indicator without graduations				
	Back up alarm 107 db (minimum)				
	Cruise control, electric, with switches on the LH switch panel				
	Key operated ignition switch and integral start position; 4 position Off/Run/Start/Acc				
	4 sets of keys required				
	ODO/Trip/Hour/Diagnostic/Voltage display				
	Diagnostic interface connector, located below dash				
	Electric fuel gauge				
	Engine ECM customer access connector mounted back of cab; park brake and neutral interlock				
	Electrical engine coolant temperature gauge				
	Transmission oil temperature indicator light or gauge, gauge is preferred. Please specify when bidding				
	Power outlet on dash, dual USB and conventional power port				
	Test exterior lights- flashes exterior lights in sequence for driver pre-trip inspection				
	Engine and trip hour meters integral within driver display				
	Electric engine oil pressure gauge				
	Electronic MPH speedometer with secondary KPH scale, without odometer				
	Electronic tachometer				
	Ignition controlled engine stop				
	Single windshield wiper motor with delay				
	Marker light switch integral with headlight switch				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Self-cancel turn signal switch with dimmer, washer/wiper in handle				
	Integral electronic turn signal flasher				
<b>15</b>	<b>Paint Designs</b>				
	Paint: one solid color				
	Cab color Bright White from manufacturer standard color sheets. Premium paint, base coat, e-coat, clear coat.				
	Chassis: black, high solids polyurethane				
	Front wheels: powder coated white front wheels/rims, to resist corrosion				
	Rear wheels: powder coated white rear wheels/rims, to resist corrosion				
<b>16</b>	<b>Manuals</b>				
	Hard copy manuals, CD if available				
<b>17</b>	<b>Warranty</b>				
	Minimum three year standard warranty to include, base warranty, drivetrain, engine, after treatment, towing and road side assistance				
<b>18</b>	<b>Training</b>				
	Three hours of mechanic level training to include preventive maintenance, adjustments, and common maintenance insights from the manufacture. 3 hours of operator level training to be determined by customer after purchase				
<b>19</b>	<b>Electrical Connections</b> (all connections must meet this standard minimum)				
	All lighting used shall be, at a minimum, a two (2) wire light grounded through a wired connection to the battery system.				
	Wiring shall be run in loom where exposed, and have grommets or other edge protection where wires pass through metal.				
	Exterior exposed wire connectors shall be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids. Electrical wiring and equipment shall be installed utilizing the following guidelines: All wire ends not placed into connectors shall be sealed with a heat shrink end cap. Wires without a terminating connector or sealed end cap shall not be allowed.				
	All holes made in the roof shall be caulked with silicon (no exception).				
	Corrosion preventative compound shall be applied to non-waterproof electrical connectors located outside of the cab or body. All non-waterproof connections shall				

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	require this compound in the plug to prevent corrosion and for easy separation of the plug.				
	Any lights containing non-waterproof sockets in a weather-exposed area shall have corrosion preventative compound added to the socket terminal area.				
	Rubber coated metal clamps shall be used to support wire harnessing and battery cables routed along the chassis frame rails.				
	Heat shields shall be used to protect harnessing in areas where high temperatures exist. Harnessing passing near the engine exhaust shall be protected by a heat shield				
	For ease of identification, battery cables shall be color coded. All positive battery cables shall be red in color or wrapped in red loom the entire length of the cable. All negative battery cables shall be black in color				
	Wire connections shall be made using crimp style heat shrink butt splice connectors or soldered connection covered with heat shrink. If crimp style connector is used, crimping tool Westward 13H876 or equivalent must be used to prevent piercing heat shrink. Solder sleeve butt splice type connectors shall not be allowed.				

Dump Body

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
<b>1</b>	<b>Dump Body</b>				
	14' long by 96" wide outside dimensions				
	Sides to be 45-48", ends to be 50-52" We will not accept higher than 48"				
	Sides and front to be constructed of 7 gauge with one (1) intermediate horizontal weld-in center brace				
	50,000 PSI steel yield strength				
	65,000 PSI steel tensile strength				
	Floor constructed of ¼ AR 400 steel				
	145,000 PSI steel yield strength floor				
	400 BHN Brinell hardness				
	All welds to be continuous				
	Side to floor formed radius shall be integral with the floor. Weld in radius is not acceptable				
	Fully boxed top rail				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Cross-member less understructure, 8" I beam sills				
	Tailgate: 7 gauge, minimum 4 panel				
	1" flame cut, off-set tail gate hinge				
	1-1/4" 1045 steel, tailgate pins				
	3/8" Hi-tensile tailgate chains. Chains must be long enough to lay tailgate level with floor				
	2" X 12" green treated side boards mounted in channel at top of box, painted body color. <b>Painted black is acceptable.</b>				
	Air operated tailgate locks				
	3/4" - 1" tailgate latching fingers				
	Bolt on asphalt lip 12", <b>AR-400 material</b>				
	All tailgate pivots to be grease zerk lubricated. (Stainless steel bushings are acceptable)				
	<b>Rear hitch plate with adjustable pintle hitch, D rings for safety chains, and manual 40 ton pintle hook</b>				
	Ladder on side (fold up) – Driver side towards front of body. Grab handle mounted on body accessible from ladder to provide added safety				
	Cougar box Vibrator 3200 series				
	Two shovel holders mounted on sides of dump body, one on each side of truck, two total				
	<b>Bolt on asphalt lip Duplicate</b>				
	Circuit Boss – Circuit Isolator # 70207 (7 circuits), Painless is the current product line we use configured as follows: Circuit 1-3 – constant power Circuit 4-7 - ignition powered Panel with relays and fuses on board is acceptable. All circuits labeled and are lit green or red for ease of troubleshooting and maintenance. <b>Exact connection to particular component will be determined with successful bidder</b>				
	Single person operable body prop				
<b>2</b>	<b>Hoist</b>				
	Front Mount Telescopic Hoist,				
	Single acting 5" minimum lift cylinder to raise dump body, controls located in cab				
	Full strength formed, A570 grade				
	Teflon bearings at all pivot points, and are grease-able. (Composite bushing is acceptable)				
	No doghouse inside dump body				
	50 degree dump angle				



	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
<b>3</b>	<b>PTO</b>				
	Hot shift live power take off on transmission, 3000 series RDS Allison				
<b>4</b>	<b>Pump</b>				
	Capacity to run dump body and all relative hydraulic components				
<b>5</b>	<b>Hydraulic Tank</b>				
	Must be equipped with fluid level indicator, sight gauge and filter, stainless steel. <b>Side mount preferred. Please specify.</b>				
<b>6</b>	<b>Lights</b>				
	All lights to be L.E.D.				
	Oval Stop/turn/tail lights, Amber Strobes, and reverse lights, to be flush mounted in rear of box side pillars				
	All light reflectors as required by law				
	All lights to be heavy duty				
<b>7</b>	<b>Cab Shield</b>				
	Not to exceed 4" above cab of truck. Cab shield to extend 22" in front of headsheet				
	Four amber LED strobes mounted inside cab shield, (two front, one left, one right)				
	One Whelen R1LPP-A light bar independently wired and switched mounted on the center front of the cab shield stationary light mount				
	Switch must be in cab to control on and off accessible by driver				
<b>8</b>	<b>Paint</b>				
	Dump body to be washed, sandblasted, undercoated, and primed and painted with Dupont Imron White, powder coated				
<b>9</b>	<b>Mud Flaps</b>				
	Two (2) mud flaps in the rear and two (2) anti-sail mud flaps in front of rear tires with no advertising Mud flaps are to be stationary plain black. <b>Rear must be removable without tools.</b>				
<b>10</b>	<b>Manuals</b>				
	Parts, service and operation manuals required. Books and CDs, (if available)				

Description	Quantity	Firm Fixed Unit Price
Firm Fixed Price to provide and deliver one (1) Tandem Axle Dump Truck	1	\$
Option: Extended warranty to include 5 years total, 100,000 miles for engine, aftertreatment, and transmission.	1	\$

Truck Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_ Model Year: \_\_\_\_\_

Warranty Information: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

An approved purchase order will be the document that authorizes work to begin.

Estimated lead time upon receipt of purchase order: \_\_\_\_\_ calendar days

Dealer Name: \_\_\_\_\_

NOTE: All bids MUST be submitted by a licensed vehicle dealer in the State of Iowa

Dealer Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**DELIVERY ADDRESS:**  
 Joy Huber  
 City of Cedar Rapids Fleet Services Division  
 500 15<sup>th</sup> Avenue SW  
 Cedar Rapids, IA 52404

**BILLING ADDRESS:**  
 Finance Department – Accounts Payable  
 City of Cedar Rapids  
 101 First Street SE, PO Box 2148  
 Cedar Rapids, IA 52406-2148

Name of Company: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Date: \_\_\_\_\_