

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 |
|----------|---|--------------------|------------|--------------|----------|
| 1 | Engine | | | | |
| | Cummins power L9 370 Horsepower at 2000 RPM, 1250 ft/lb torque at 1400 rpm (Must have wet cylinder sleeves/ liners) no substitutions. | | | | |
| 2 | Engine Equipment | | | | |
| | 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 | | | | |
| 3 | Transmission and Equipment | | | | |
| | 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 | | | | |
| 4 | Front Axle and Suspension | | | | |
| | 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 | | | | |
| 5 | Rear Axle and Suspension | | | | |
| | 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 | | | | |

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| | 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 | | | | |
| 6 | Brake System Equipment | | | | |
| | 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 | | | | |
| 7 | Cab to Trunion Length | | | | |
| | Cab to Trunion = 120" Must be compliant with body manufacturer requirements | | | | |
| 8 | Chassis Equipment | | | | |
| | Front bumper treated to resist corrosion, w/ license plate mounting | | | | |
| | 2 tow hooks, front frame mounted | | | | |
| | Rear hitch plate with adjustable pintle hitch and D rings for safety chains | | | | |
| | Clear frame rails / NO protrusions outboard both frame rails BOC to rear suspension Powder coated paint on the cross members | | | | |
| 9 | Fuel Tanks and Equipment | | | | |
| | 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 | | | | |
| 10 | Front Tires, Hubs, Wheels | | | | |
| | Two (2) – 385/65 x R22.5, Michelin | | | | |
| | Cast iron front hubs | | | | |
| | 22.5x 12.25 10 stud -hub pilot steel disc front | | | | |
| 11 | Rear Drive Tires, Hubs, Wheels | | | | |
| | Eight (8) mud and snow rear 11R22.5 - 14 ply tires, Michelin | | | | |
| | Cast iron rear hubs | | | | |

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| | 22.5x8.25 10 stud- hub pilot 2 hand steel disc rear wheels | | | | |
| 12 | Cab Exterior | | | | |
| | 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 | | | | |
| 13 | Cab Interior | | | | |
| | 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 | | | | |

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| | 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 | | | | |
| 14 | Instrument Panel and Controls | | | | |
| | 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 | | | | |

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| | Self-cancel turn signal switch with dimmer, washer/wiper in handle | | | | |
| | Integral electronic turn signal flasher | | | | |
| 15 | Paint Designs | | | | |
| | 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 | | | | |
| 16 | Manuals | | | | |
| | Hard copy manuals, CD if available | | | | |
| 17 | Warranty | | | | |
| | Minimum three year standard warranty to include, base warranty, drivetrain, engine, after treatment, towing and road side assistance | | | | |
| 18 | Training | | | | |
| | 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 | | | | |
| 19 | Electrical Connections (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 |
|----------|--|--------------------|------------|--------------|----------|
| 1 | Dump Body | | | | |
| | 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 | | | | |

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| | 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 | | | | |
| | Air operated tailgate locks | | | | |
| | 3/4" - 1" tailgate latching fingers | | | | |
| | Bolt on asphalt lip 12" | | | | |
| | All tailgate pivots to be grease zerk lubricated. (Stainless steel bushings are acceptable) | | | | |
| | 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 | | | | |
| | Bolt on asphalt lip | | | | |
| | 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. Exact connection to particular component will be determined with successful bidder | | | | |
| | Single person operable body prop | | | | |
| 2 | Hoist | | | | |
| | 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 | | | | |
| 3 | PTO | | | | |
| | Hot shift live power take off on transmission, 3000 series RDS Allison | | | | |

| | Minimum Specification | Does Not Meet Spec | Meets Spec | Exceeds Spec | Comments |
|-----------|---|--------------------|------------|--------------|----------|
| 4 | Pump | | | | |
| | Capacity to run dump body and all relative hydraulic components | | | | |
| 5 | Hydraulic Tank | | | | |
| | Must be equipped with fluid level indicator, sight gauge and filter, stainless steel | | | | |
| 6 | Lights | | | | |
| | 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 | | | | |
| 7 | Cab Shield | | | | |
| | 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 | | | | |
| 8 | Paint | | | | |
| | Dump body to be washed, sandblasted, undercoated, and primed and painted with Dupont Imron White, powder coated | | | | |
| 9 | Mud Flaps | | | | |
| | 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. Rear must be removable without tools. | | | | |
| 10 | Manuals | | | | |
| | 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, 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 15th 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: _____