

Copy #1

BID FORM

Section 1 – Schedule of Prices

Company: D & K Truck Co

Project: **Semi-Tractor, ITB # 4463**

Base Bid – Semi-Tractor and All Required Accessories

For all the equipment and work outlined in these documents for the Semi-Tractor procurement, complete as specified, using equipment and materials only of the type and manufacturers where specifically named and delivered to the City of Ann Arbor.

Total Bid Price:

(\$ 143,955⁰⁰)

**CITY OF ANN ARBOR
DECLARATION OF COMPLIANCE**

Non-Discrimination Ordinance

The "non discrimination by city contractors" provision of the City of Ann Arbor Non-Discrimination Ordinance (Ann Arbor City Code Chapter 112, Section 9:158) requires all contractors proposing to do business with the City to treat employees in a manner which provides equal employment opportunity and does not discriminate against any of their employees, any City employee working with them, or any applicant for employment on the basis of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight. It also requires that the contractors include a similar provision in all subcontracts that they execute for City work or programs.

In addition the City Non-Discrimination Ordinance requires that all contractors proposing to do business with the City of Ann Arbor must satisfy the contract compliance administrative policy adopted by the City Administrator. A copy of that policy may be obtained from the Purchasing Manager

The Contractor agrees:

- (a) To comply with the terms of the City of Ann Arbor's Non-Discrimination Ordinance and contract compliance administrative policy.
- (b) To post the City of Ann Arbor's Non-Discrimination Ordinance Notice in every work place or other location in which employees or other persons are contracted to provide services under a contract with the City.
- (c) To provide documentation within the specified time frame in connection with any workforce verification, compliance review or complaint investigation.
- (d) To permit access to employees and work sites to City representatives for the purposes of monitoring compliance, or investigating complaints of non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the Ann Arbor Non-Discrimination Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Non-Discrimination Ordinance, obligates the Contractor to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract.

D+k Truck

Company Name

Edward Merrill

2-8-17

Signature of Authorized Representative

Date

Edward Merrill ESOP (Sales)

Print Name and Title

3020 Snow Rd Lansing MI 48917

Address, City, State, Zip

517-749-2799

Phone/Email address

**Questions about the Notice or the City Administrative Policy, Please contact:
Procurement Office of the City of Ann Arbor
(734) 794-6500**



Vendor Conflict of Interest Disclosure Form

All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor's conflict of interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

1. No City official or employee or City employee's immediate family member has an ownership interest in vendor's company or is deriving personal financial gain from this contract.
2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor's Company.
3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
4. Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
5. Please note any exceptions below:

Conflict of Interest Disclosure*	
Name of City of Ann Arbor employees, elected officials or immediate family members with whom there may be a potential conflict of interest.	<input type="checkbox"/> Relationship to employee
	<input type="checkbox"/> Interest in vendor's company
	<input type="checkbox"/> Other (please describe in box below)

*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor by my signature below:		
<i>D & K Truckco</i>	<i>517-484-1905</i>	
Vendor Name	Vendor Phone Number	
<i>Edward Merrill</i>	<i>2-8-17</i>	<i>Edward Merrill</i>
Signature of Vendor Authorized Representative	Date	Printed Name of Vendor Authorized Representative

Questions about this form? Contact Procurement Office City of Ann Arbor Phone: 734/794-6500, procurement@a2gov.org

LEGAL STATUS OF BIDDER

(The Bidder shall fill out the appropriate form and strike out the other three.)

Bidder declares that it is:

* A corporation organized and doing business under the laws of the State of Michigan, for whom Edward Merrill, bearing the office title of Sales, whose signature is affixed to this Bid, is authorized to execute contracts.

NOTE: If not incorporated in Michigan, please attach the corporation's Certificate of Authority

~~• A limited liability company doing business under the laws of the State of _____, whom _____ bearing the title of _____ whose signature is affixed to this proposal, is authorized to execute contract on behalf of the LLC.~~

~~* A partnership, organized under the laws of the State of _____ and filed in the county of _____, whose members are (list all members and the street and mailing address of each) (attach separate sheet if necessary):~~

* An individual, whose signature with address, is affixed to this Bid: _____ (initial here)

Authorized Official

Edward Merrill

Date 2-8, 2017

(Print) Name Edward Merrill Title Sales Esop

Company: D+K Truck Co

Address: 3020 snow Rd Lansing MI 48917

Contact Phone () 517 484-1905 Fax () 517-322-2585

Email emerrill@DKtruck.com

GENERAL CONDITIONS

PROJECT SUMMARY

The City of Ann Arbor is looking for a single vendor to provide the specified chassis, body and related equipment for the fabrication of a semi-tractor to be used in the City's Street Maintenance operations.

SINGLE VENDOR

The City of Ann Arbor will contract and deal with only a single vendor for this project. The single vendor will be responsible for all coordination between chassis, body and equipment manufacturers/suppliers.

BASIS OF DESIGN/ USE OF SPECIFIC PARTS OR EQUIPMENT

The City of Ann Arbor has noted manufacturer and model information throughout the detailed specifications as "basis of design." These manufacturer's and models are acceptable to the City or the vendor can provide an equivalent or better product. The City of Ann Arbor shall be the sole decision maker on an "equivalent" product. The City has noted "No substitutions" on certain products or components throughout the detailed specifications. As the City is standardizing certain components in our Fleet, a manufacturer or model noted as "No substitutions" must be provided as specified.

DELIVERY

Equipment is to be delivered, with the cost included in the base bid, to the City of Ann Arbor Wheeler Service Center, Fleet Garage, located at 4251 Stone School Road, Ann Arbor, MI.

DOWN PAYMENTS

Any bid proposal submitted which requires a down payment or prepayment of any kind prior to delivery and acceptance of the item, as being in conformance with the specifications will not be considered for award.

MANUALS

Successful vendor to provide one complete set of service, parts, operations and maintenance manuals. Wiring schematics, service manuals and operator's manuals shall be supplied in printed form. Parts manuals will be acceptable on CD.

on Line manuals included ✓
Included: Free@accessfreightliner.com ✓
onLine Parts Look up
onLine Ezy wiring

DETAILED SPECIFICATIONS
TANDEM AXLE CHASSIS

QUANTITY:

One (1) New Tandem Axle Tractor for Public Works – Street Maintenance Operations.

MANUFACTURER/ MODEL/ MODEL YEAR OF CHASSIS:

Manufacturer Western Star

Model 4900 Model Year of Chassis 2018

GROSS VEHICLE WEIGHT RATING:

Gross vehicle weight rating to be a minimum 64,000 pounds.

Meets specification? Yes No

CAB:

Conventional style cab with tilt-type hood and fender assembly. Cab suspension to be air ride. Adjustable steering column including both tilt and telescoping features. Suspended brake and accelerator pedals. Heated west coast type 102", "breakaway style", door mounted mirrors with heated convex mirrors LH and RH. RH down view mirror. Dual roof mounted air horns with shields and dual electric horns. Power windows and door locks. Air conditioning with cabin air filtration system. Ball shutoff valves for heater supply lines. Stationary grille with non-removable bug screen mounted behind grille. Front fender extensions to minimize road spray. Exterior and interior grab handles mounted RH and LH. All glass tinted. Windshield to be 2-piece with heated wiper blade park areas. Upgraded/premium cab insulation. 14" Tapered sweptback chromed steel logger type bumper with removable centered tow pin and mounting for single license plate.

Meets specification? Yes No

CAB ACCESSORIES:

Door locks and ignition are to be keyed the same. Four (4) keys are to be supplied per truck. Center storage mounted on back wall. Wing style dash. 12-volt power supply in dash. Two (2) cup holders. Dual interior sun visors. AM/FM/WB radio with auxiliary input and 4 speakers. Wet arm wipers with intermittent feature.

Meets specification? Yes No

SEATING:

Individual premium high back driver and passenger seats. Driver and passenger seats to be air suspension and include 3 chamber air lumbar and arm rests. Seat cushion to have extension feature with forward and rear cushion tilt. Seat fabric to be black Modura cloth with leather protective seat covers on both seats. Orange seat belts.

Meets specification? Yes No

PAINT:

Cab color to be Dupont Imron Single Stage Yellow N3258EA. Chassis to be black.
Wheels to be powder white.

Meets specification? Yes No

ENGINE:

450 H.P
Cummins X15 ~~475~~ horsepower, 1750 ft/lb of torque @ 1,000 rpm. (No substitution)
Emission Certification – 2016 Onboard Diagnostics/2010 EPA/CARB/GHG17
2008 CARB -Clean Idle

To Include -

Minimum 1750 square inch copper and brass radiator with drain valve. Antifreeze to be extended life coolant to minus 34 degrees. All coolant hose clamps to be constant tension. Minimum 18.7 CFM air compressor. Electronic, integral engine shutdown protection system. Borg Warner on/off fan clutch with automatic control and dash override switch with indicator light. Delco 12v 39MT HD/OCP starter with thermal protection and integrated magnetic switch. Full flow oil filter. Engine mounted fuel/water separator with water-in-fuel indicator. Davco 482 auxiliary fuel filter. Engine coolant filter. Program engine for maximum 65 MPH. Electronic cruise / idle control. Single stainless steel 13 inch Donaldson left hand cowl mounted air cleaner. Phillips -Temro 1500 watt/115 volt block heater with chrome engine heater receptacle mounted under left hand door.

450 H.P
Add \$1300⁰⁰ For 500 H.P @ 1850 torque ←
Meets specification? Yes No

EXHAUST:

Right hand outboard frame mounted horizontal under passenger side cab entry steps after treatment system. To include automatic over the road regeneration and a dash mounted regeneration request switch. Outlet to be curved stack. Stainless steel shield. Right hand single exhaust stack.

Meets specification? Yes No

TRANSMISSION:

Allison 4500 RDS automatic, latest generation. (No substitution)

To Include-

Six speed programming. PTO provision. Dash mounted electronic push button shift control. Allison transmission Prognostics system. Synthetic transmission fluid meeting Allison specification requirement for extended warranty coverage. Transmission oil check and fill with electronic oil level check. Frame mounted water to oil transmission cooler. Auto-neutral feature when parking brake engaged is to be supplied.

Meets specification? Yes No

AXLES:

Front Axle: Set-Back. 18,000 lb. capacity.

To include-

TRW THP-60 power steering with RCH45 auxiliary gear. Four-quart power steering reservoir. Oil/air power steering cooler. Oil seals with vented front hubcaps with window, center, and side oil plugs. Synthetic axle lube.

Rear Axle: Meritor RT-46-160 R-Series 46,000 lb. capacity, tandem rear axle.
To include-

Meritor MXL 18T extended lube driveline with half round yokes. Meritor MXL 17N extended lube interaxle driveline with full round yokes. Oil seals. Driver controlled traction differential for both axles with dash-mounted switch. Synthetic axle lube. Ratio to be 3.91:1.

- AT slower speeds we may

Meets specification? Yes No

SUSPENSION:

want 4.10 ratio - confirm w/cummins

Front Suspension: 18,000 lb. capacity taperleaf spring suspension.
To include-
Threaded spring pins and bushings. Front shocks absorbers.

Rear Suspension: Hendrickson Haulmax HMX 460 46,000 lb. suspension (No substitution)
To include-

Axle spacing at 54 inches. Shock absorbers on both axles.

Meets specification? Yes No

FRAME:

Single channel steel rails. Huck bolt fasteners.
Dimension: 3/8X3-7/8X11-5/8 inch steel frame.
120KSI

Meets specification? Yes No

BRAKE SYSTEM:

Air brake system with WABCO 6S/6M ABS system without traction control. Wabco SS-1200 Plus air dryer with integral air governor and heater with capacity to dry air on 7 axles. Automatic moisture drains on all air tanks. Brake dust shields on all axles. Haldex automatic slack adjusters on both drive axles. Rear parking chambers are to be Haldex Goldseal Longstroke chambers on both drive axles (No Substitution) Cast iron brake drums.

Front Brakes: Bendix ADB22X-V Air Disc.

Rear Brakes: Bendix 16.5X8.62D ES cast spider, cam, single anchor.

Meets specification? Yes No

FUEL TANK/ DEF TANK:

100-gallon aluminum fuel tank, LH. 60-gallon aluminum hydraulic reservoir, RH with fittings. Plain aluminum fuel/hydraulic tanks with polished stainless steel bands. Fuel tanks forward. LH full length fuel tank steps. Fuel filter/water separator. High temperature reinforced nylon fuel line. Fuel cooler and in tank fuel level senders. Thirteen gallon DEF tank mounted LH under cab aft of front fender. DEF tank is to be full at delivery. Provide an aluminum diamond plate DEF tank cover that fully encases the tank for protection.

Meets specification? Yes No

TIRES/ WHEELS:

Front Tires: Michelin XZY-3 385/65R22.5 18 ply radials.

Rear Tires: Michelin XDN2 11R22.5 14 ply radials.

Front Wheels: Accuride 29807 22.5x12.25 10-Hub Pilot 4.75 Inset, 5-Hand steel.

Rear Wheels: Accuride 28828 22.5x8.25 10-Hub Pilot, 2-Hand HD steel. Rear wheel must be rated at 8,000 lb. capacity.

Meets specification? Yes No

ELECTRICAL:

12V negative ground electrical system with solid-state protection and fuses. Wire ground return for battery cables with additional frame ground return. Delco Remy 160 amp 28-SI alternator with remote battery volt sense. Four (4) group 31, 12-volt maintenance free 2920 combined CCA threaded stud batteries. Positive load battery disconnect switch mounted in-cab on driver's side. Frame mounted positive and negative posts for jumpstart.

Meets specification? Yes No

CHASSIS LIGHTING:

Halogen headlights. Door activated dome light with LH and RH dual reading lights. Under dash light and left hand and right hand door mounted courtesy lights. Self - cancelling turn signals.

• Not self cancelling

Meets specification? Yes No

GAUGES/ INSTRUMENTS:

Washer fluid level indicator. Primary and secondary air pressure gauges. Low air pressure warning light and buzzer. Air restriction indicator dash mounted. Single brake application air gauge. Electric fuel gauge. Fuel filter restriction indicator. Electrical engine coolant temperature gauge. Transmission oil temperature gauge. Electric engine oil pressure gauge. Electronic speedometer with odometer. Electronic 3000 RPM Tachometer. Electronic pyrometer. Voltmeter, Amp Gauge. Turbo air pressure gauge. Dash mounted electrical switch wired to trailer receptacle center pin for operation of trailer lift axle. Four on/off rocker switches capable of 20 amps each in the dash with indicator lights and wire routed to chassis at back of cab, labeled option.

Cummins no fuel restriction gauge/indicator

Meets specification? Yes No

TRAILER CONNECTIONS:

14-foot straight trailer air hose. Stainless steel slider bar with spring type air hose hangar. Four (4) additional air switches mounted in the dash with plumbing to cab manifold. One pair of Dummy Glad Hands on the back of the cab. Primary connection/receptacle wired for separate Stop/Turn, ABS center pin powered through ignition. SAE J560 7-way primary trailer cable receptacle frame mounted aft cab. 14-foot detachable straight primary trailer electrical cable with SAE J560 connector.

Meets specification? Yes No

FIFTH WHEEL:

Holland FW35 ILS 36.0-inch air slide fifth wheel with 2-inch slide increments. Fifth wheel 34.0 inches ahead of suspension centerline. 7.94 inch fifth wheel height. Inboard angle fifth wheel mounting. Dash mounted control valve and plumbing for fifth wheel. LH release.

Meets specification? Yes No

Engine: 5yr/200,000 HDI included.
Add \$600 for Aftertreatment.
Other Engine Coverages are available.

CHASSIS WARRANTY:

Chassis: One (1) Year / Unlimited Miles
Engine: Five (5) Years / 200,000 Miles, \$0 Deductible
Transmission: Five (5) Years / Unlimited Miles
Towing: Two (2) Years / Unlimited Miles

Meets specification? Yes No

CHASSIS MISCELLANEOUS:

- Completed truck to have a 5 lb. dry-type Rechargeable ABC fire extinguisher with brass or stainless steel valve, 3 triangular reflectors and comply with all applicable National Highway Transportation Safety Administration Standards.
- The successful bidder must provide three (3) years of online parts and service access.
- The successful bidder must provide a list of serial and model numbers for chassis components (engine, transmission, axle, etc.).
- Successful bidder shall supply warranty terms and time/mileage limits of complete unit(s) based on posted in service date.

Meets specification? Yes No

WETLINE KIT:

Supply and install wetline kit with hot shift PTO to fit Allison transmission with approx. 125% PTO. Permco 4 CID pump directly coupled to the hot shift PTO. DVA35 control valve with a 2500 psi main port relief including the following:

- 3-way cylinder section to operate the hoist with an adjustable port relief to limit pressure to 2000 PSI
- 3-way motor spooled section to operate low boy trailer-n system set to 2500 PSI
- 3-line system includes a FLR215-1LFN Return Line Filter installed on the side of the frame

Control console in the cab includes a VM-8 detente controller for the hoist and an electric/air control for low boy trailer circuit on/off. Ball valve shut off on tanks. AW32 hydraulic oil. Nine (9) ft. jumper hoses at the rear to include a 1" pressure line for dump trailer operation, a 3/4" pressure line for the low boy trailer operation and a 1" return hose for the low boy operation. Hydraulic couplers. Pogo stick behind the cab to hold hoses.

Meets specification? Yes No

FENDER KIT:

Supply and install a Pro-Tech Model 30-7320 aluminum treadplate, or approved equivalent, single radius fender kit. Fenders will mount over top of the front drive axle. Install 3/8" poly fender extensions to extend over the rear drive axle. All necessary supports and brackets.

Meets specification? Yes No

ENCLOSED CAB RACK:

Supply and install a Pro-Tech Model 10-1143 enclosed cab rack, or approved equivalent, behind the cab. Three compartment enclosure. Drom is 14" wide. Window mounted in the cab protector. U bolt mounting kit. Two (2) LED work lights mounted on the top of the enclosure. One (1) Sound Off Mini Lightbar mounted on the top of the enclosure on 2" raised Stainless Steel brackets.

Meets specification? Yes No

FRAME REINFORCEMENT:

Install frame reinforcement at rear of Chassis behind the fifth wheel including the following:

- Box rear of frame with 3/4" plate
- Paint as necessary

Meets specification? Yes No

REQUIRED CHASSIS ITEMS FOR BODY COMPANY:

To include-

- Exhaust under curbside door.
- PTO enabled transmission.
- Minimum 50 gallon oil tank on side of the frame rail.
- Steps up the side of the frame.
- Catwalk on top of the frame.
- Auxiliary switches for accessory lighting.

Meets specification? Yes No