

City of Troy
Bid Specifications for One New Class 8 Chassis Cab with dump bed

SECTION 1: NOTICE TO BIDDERS

The City of Troy, Illinois, will receive sealed bids for furnishing one new Class 8 Chassis Cab with dump bed, for the Public Works Department until **11:00 AM JULY 28, 2022**, at City Hall, 116 E. Market St, Troy, Illinois, 62294. Bids will be publicly opened and read at that time.

Proposal forms and bid specifications are available on-line at www.troyil.us.

All proposals must be made on the forms furnished by the City, and the entire set of documents submitted intact.

The City of Troy reserves the right to not open a sole bid and to waive, or not to waive, any irregularities in the bids and to determine the lowest and best bid for the work is.

Proposals shall be delivered prior to the time and at the place indicated above. Each proposal shall be placed in a sealed envelope endorsed "PUBLIC WORKS DEPARTMENT CLASS 8 CHASSIS CAB WITH DUMP BED". Only sealed proposals will be accepted. Questions may be directed to Robert Hancock, Public Works Director at (618) 667-4629 or rhancock@troyil.us

SECTION 2: PROPOSAL

Submitted by: _____

TO: The City of Troy, Illinois

Gentlemen:

In submitting this proposal, the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein and that the proposal is made without collusion with any other person, firm or corporation.

The undersigned understands and agrees that if this proposal is accepted, he is to furnish and deliver all the items specified herein in accordance with the requirements herein stipulated, completely assembled for use, and within the time frame indicated below by the bidder.

The undersigned herewith submits his Schedule of Prices for furnishing and delivering said equipment per the stated delivery schedule. He further understands that all information requested on the Schedule of Prices be furnished or be subject to possible bid rejection for irregularities.

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I, the undersigned, agree to deliver the equipment herein specified within _____ days of the date of award by the City.

Name of Bidder: _____

(Company Name)

By: _____ Title: _____

Address: _____

Phone: _____

TRADE-IN:

YEAR	2004	ENGINE	DETROIT DIESEL 6 CYL
MAKE	INTERNATIONAL	TRANSMISSION	AUTOMATIC
MODEL	7400 DT 466	CAB	CONVENTIONAL
VIN	1HTWDAARX5J006524	4 X 4	NO
MILEAGE	27,456 MI/2,366 HRS	BODY	DUMP TRUCK
CONDITION	FAIR	GVWR	35,000 LBS
ACCESSORIES	FLINK 10PA38-B SNOW PLOW INCLUDED		

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SCHEDULE OF PRICES

PUBLIC WORKS DEPARTMENT Class 8 CHASSIS CAB WITH DUMP BED

<i>Price for Class 8 Chassis Cab with dump bed:</i> _____	
<i>– Trade-in allowance</i> _____	
TOTAL BID: _____	

Make: _____

Model & Year: _____

Warranty Periods:

Power Train: _____

Complete Unit: _____

GENERAL:

1. It is the intent of these specifications to describe a Class 8 Chassis Cab with dump bed in sufficient detail to secure quotes on comparable equipment. All parts not specifically mentioned, which are necessary to provide a complete and operational Class 8 Chassis Cab with dump bed, shall be included in the bid and shall conform in strength and quality of material and workmanship to what is usually provided to the trade in general.
2. The unit shall be equipped with all standard equipment as specified by the manufacturer for this model, and shall comply with all EPA emissions standards and all motor vehicle safety standards as established by the U.S. Department of Transportation regarding the manufacture of motor vehicles.

WARRANTY/REPAIR/PARTS AND SERVICE:

1. Since the continuous operation of this equipment is of the utmost importance and sometimes of an emergency nature, it is necessary that the selected company be in position to render prompt parts and service. The selected company shall be able to provide warranty service and maintain and/or have access to parts inventory within 50 miles of Troy, IL. Said parts inventory shall be of sufficient size and variety to offer a level of parts availability 95% within 48 hours from time of order by the customer. Availability of normal maintenance items shall not exceed 24 hours. Quotes shall include proposed program for parts and service availability, which will be used in determination of proposal.

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	Meets specification	
	Yes	No
CHASSIS		
1. ALL STANDARD EQUIPMENT, NO DELETIONS		
2. FRONT AXLE LOAD: 16,000 LBS		
3. REAR ALXE RATED: 21,000 LBS		
4. G.V.W.R.: 37,000 LBS		
5. WHEELBASE: 153 INCHES		
6. CAB TO AXLE: 85 INCHES		

	Meets specification	
	Yes	No
CAB		
1. ALL STANDARD EQUIPMENT, NO DELETIONS		
2. CONVENTIONAL DAY CAB		
3. ELECTRIC DOOR LOCKS DRIVER/PASSENGER		
4. POWER WINDOWS DRIVER/PASSENGER		
5. SINGLE ELECTRIC HORN		
6. SINGLE-PIECE WINDSHIELD, HEATED		
7. ELECTRIC WINDSHIELD WIPERS, 2-SPEED PLUS INTERMITTENT		
8. CAB HEATER W/INTEGRAL DEFROSTERS & A/C; 45,000 BTU CAB HEATER		
9. ADJUSTABLE TELESCOPING TILT STEERING COLUMN		
10. SWITCH AND WIRING FOR CUSTOMER INSTALLED PTO. ELECTRIC OVER HYDRAULIC PTO. INCLUDES SWITCH GUARD. WIRING IS ROUTED TO LH FRAME FOR CONNECTION TO THE CUSTOMER INSTALLED PTO. NO AIR CONTROLS ARE PROVIDED WITH THIS CODE.		
11. ONE ADDITIONAL SPARE SWITCH		

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	Yes	No
CAB		
12. DRIVER SEAT: AIR RIDE, FORE AND AFT SLIDE ADJUSTMENT W/ISOLATOR, 6-23 DEGREE RECLINE, AIR SUSPENSION WITH COVER, DUAL ARMRESTS AND SINGLE CHAMBER AIR LUMBAR SUPPORT.		
13. RIDER SEAT: STANDARD VINYL W/DUAL ARMRESTS		
14. CAB ACCESS CONTOURED GRAB HANDLES, LH/RH		
15. SINGLE AIR HORN UNDER CAB		
16. RADIO WITH AM/FM/WB AND BLUETOOTH		
17. MIRRORS; DUAL AERODYNAMIC HEATED AXIS MOTORIZED 7IN. X 13 IN. MIRROR W/CHROME SHELL. LH/RH CONVEX MIRRORS 5 IN. X 7 IN. HEATED. SWITCH LOCATED ON DRIVER DOOR.		
18. REAR CAB STATION WINDOW		
19. CAB PAINTED WHITE		

	Meets specification	
	Yes	No
ENGINE & EQUIPMENT		
1. ALL STANDARD EQUIPMENT, NO DELETIONS		
2. CUMMINS L9 270, 300 H.P. AND 860 FT-LBS OR TORQUE. INCLUDES TURBO EXHAUST BRAKE, DIAGNOSTIC PLUG FOR DATA LINK, OIL COOLER, ALUMINUM FLYWHEEL HOUSING.		
3. ENGINE IDLER SHUTDOWN DISABLED		
4. CUMMINS 18.7 CFM AIR COMPRESSOR		
5. AIR CLEANER: DRY-TYPE FIREWALL MOUNTED W/FILTER RESTRICTION INDICATOR		
6. PRE-FILTER HOOD MOUNTED FOR AIR CLEANER AND HVAC		
7. FAN HUB: HORTON ON/OFF		
8. COOLING MODULE: 1000 SQUARE INCHES; INCLUDES SURGE TANK		
9. FUEL FILTER: FUEL/WATER SEPERATOR		

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	Yes	No
ENGINE & EQUIPMENT		
10. START AID: 12V HEAT		
11. BLOCK HEATER		
12. ALTERNATOR: 160 AMP		
13. BATTERIES: 2GP31; 2000 CCA STARTING		

	Meets specification	
	Yes	No
FRAME & EQUIPMENT		
1. FRAME RAILS: 10-3/4 X 3-1/2 X 3/8 IN. STEEL TO 284 IN.		
2. BUMPER: AERODYNAMIC, PAINTED GRAY		
3. MUDFLAPS: FRONT AND REAR		
4. BATTERY BOX CANTILEVER RH ALUMINUM BOC WITH COVER		
5. T270/370 ALUMINUM DIAMOND-PLATE DPT/SCR COVERWITH CAB ACCESS ASSEMBLY, RH UNDER. END PLATES WILL BE PAINTED STANDARD BLACK FRAME COLLOR		
6. BOLTED CROSSMEMBERS WITH 16MM FRAME FATENERS FOR CENTER AND REAR FRAME		
7. ALUMINUM UNDERBELLY CROSSMEMBERS. ONLY WITH NON-DRIVE FRONT AXLE 16K AND GREATER		
8. BOLT REAR CAB SUPPORT CROSSMEMBER		
9. FUEL TANK: 56 GALLON 22 IN. ALUMINUM LH UNDER CAB. SMALL ROUND DEF TANK		
10. 6 IN. WIDE ALUMINUM LOWER FUEL TANK STEP FOR ON 22 IN. TANK LH. SAFETY STEP.		

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	Yes	No
TRANSMISSION		
1. ALL STANDARD EQUIPMENT, NO DELETIONS		
2. ALLISON 3500RDS 6-SPEED/ W/PTO DRIVE GEAR. LIMITED TO 860 LB. -FT., INCLUDES HEAT EXCHANGER AND OIL LEVEL SENSOR. RUGGED DUTY SERIES FOR VOCATIONAL APPLICATIONS. TRANSYND TRANSMISSION FLUID IS STANDARD ON ALL ALLISON 1000, 2000, 3000 & 4000 SEERIES TRANSMISSIONS		
3. DRIVELINE: 2 DANA STANDARD DUTY; 1 CENTERBEARING.		
4. LEFT HAND PTO ACCESS, RIGHT HAND DIP STICK		
5. REAR TRANSMISSION SUPPORT SPRINGS FOR TRANSMISSION PTO APPLICATIONS ARE REQUIRED TO INSURE THAT ENGINE FLYWHEEL HOUSINGS ARE NOT OVERLOADED WHEN TRANSMISSION PTO'S ARE INSTALLED.		

	Meets specification	
	Yes	No
FRONT AXLE & EQUIPMENT		
1. DANA SPICER D1600 FRONT AXLE, 16K STANDARD TRACK		
2. FRONT BRAKE: BINDIZ 16.5X6 AIR BRAKE PACKAGE FOR 16K NON-FRIVING FRONT AXLE. INCLUDES CAST DRUMS, IRON 10-BOLT HUB PILOT LMS HUBS, HUB CAPS, OIL SEALS AND SLACK ADJUSTERS. FOR USE WITH 22.5 INCH WHEELS		
3. FRONT SPRINGS TAPERLEAF 16K 2-STAGE WITH SHOCKS AND 54 IN. SPRING LENGTH		
4. DUAL POWER STEERING GEAR: 16K		
5. POWER STEETING COOLER: RADIATOR MOUNTED AIR TO OIL		

	Meets specification	
	Yes	No
REAR AXLE & EQUIPMENT		
1. SINGLE MERITOR MS21-14X4 REAR AXLE RATED AT 21K.		

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	Yes	No
REAR AXLE & EQUIPMENT		
2. REAR AXLE RATIO-5.86		
3. SINGLE REAR BRAKES INCLUDED W/REAR HUB PACKAGE		
4. 23K AIR BRAKE PACKAGE INCLUDES 16-1/2X7 IN. BRAKES, CAST DRUMS ALUMINUM 10-BOLT HUB PILOT LMS HUBS, AUTOMATIC SLACK ADJUSTERS AND OIL SEALS FOR USE W/22.5 WHEELS		
5. DUSTSHIELDS FOR DRUM BRAKES: ALL REAR AXLES		
6. BENDIX 4S/4M ANTI-LOCK BRAKE SYSTEM		
7. MERITOR DRIVER CONTROLLED DIFFERENTIAL LOCK FOR SINGLE REAR AXLE		
8. REAR SUSPENSION: SINGLE REYCO 79KB TAPERLEAF 23K.		
9. BOLTED REAR SUSPENSION CROSSMEMBERS FOR REYCO 79KB		

	Meets specification	
	Yes	No
LIGHTS & INSTRUMENTS		
1. HEADLAMPS: HALOGEN LOW AND HIGH BEAM		
2. MARKER LIGHTS: WITH SMALL ROUND BASE, FIVE CAB ROOF MOUNTED		
3. TURN SIGNAL LIGHTS: MOUNTED ON FENDER		
4. WIRING; INSTALL TRAILER ELECTRIC BRAKE CONTROLLER. INCLUDES A MP 280 SERIES CONNECTOR IN DASH NEAR DRIVER DOOR CONNECTIONS WITH SIGNALS: BATTER POWER (40A), GROUND, STOP LAMP AND ELECTRIC TRAILER BRAKE CONTROLLER WIRED TO CHASSIS CONNECTOR. 2 WAY DEUTSCH CHASS CONNECTOR LOCATED NEAR BACK OF CAB, WITH SIGNALS: GROUND AND ELECTRIC TRAILER BRAKE CONTROLLER WIRED TO DASH CONNECTOR		
5. BODY BUILDER LIGHTING HARNES COILED END OF FRAME FOR ADDITIONAL CUSTOMER INSTALLED EXTERIOR LIGHTING. HARNESS INCLUDES CIRCUITS FOR ADDITIONAL CUSTOMER INSTALLED TAIL LAMPS, TURN LAMPS, STOP.		

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	Yes	No
TIRES & WHEELS		
1. FRONT TIRES: 315/80R22.5 18 PR		
2. REAR TIRES RSD11R22.5 14 PR; QUANTITY; 4		
3. FRONT WHEEL: ALCOA 89U64 22.5X9 AL ULTRA ONE WHEEL		
4. REAR WHEEL: ALCOA 88367/ACCURIDE 51487 22.5X8.25; ALUMINUM OUTSIDE WITH LVL ONE[™] FINISH/STEEL STEEL ARMOR [™] POWDER COAT INSIDE, HUB PILOT MOUNT. 7400 LB MAXIMUM RATING. INCLUDES WHEEL GUARDS. AIR DISC BRAKE COMPATIBLE. REAR WHEEL /RIM QUANTITY; 4		

	Meets specification	
	Yes	No
BODY		
GALION 10' 4.5-7.1 YARD DUMP BODY WITH BELOW LISTED OPTIONS		
1. 7 GAUGE HI TEN STEEL DUMP BODY		
2. INTEGRAL CAB SHIELD, ¼ X 78" 10-GAUGE		
3. SIDES 24"		
4. FRONT 34"		
5. REAR 34"		
6. FLOOR 3/16" AR450		
7. 6 PANEL DOUBLE ACTING TAILGATE WITH AUTO RELEASE		
8. 10" TRAPEZOIDAL FORMED LONGSILLSS		
9. NO CROSSMEMBERS		
10. V SIDE BRACING		
11. SINGLE FOLD LADDER WITH STEPS AND GRAB HANDLE ON DRIVERS SIDE FRONT		
12. STEPS ON OTHER 3 CORNERS OF BED		
13. CHROME GRAB HANDLE		
14. 2 OVALS CUT IN REAR POST		

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BODY	Meets specification	
	Yes	No
GALION 10' 4.5-7.1 YARD DUMP BODY WITH BELOW LISTED OPTIONS		
15. REFLECTIVE TAPE BOTHE SIDES OF TAILGATE		
16. 97 DB BACK UP ALARM		
17. 1 BODY PROP		
18. ZINC PRIMER FOR RUST PROTECTION		
19. POWDER COATED FROM FACTORY		
20. BODY PAINTED RED; PAINT CODE CG1017		

	Meets specification	
	Yes	No
HOIST AND HYDRAULICS		
1. GALION MODEL U860D; DOUBLE ACTING SCISSOR STYLE UNDERBODY HOIST		
2. CHELSEA PTO POWERED HYDRAULIC SYSTEM		
3. LOAD SENSE PUMP 42GPM @ 2000 RPM		
4. FREEDOM CONTROLLER FOR SPREADER; TO BE REMOVED FROM TRADE IN AND INSTALLED IN NEW TRUCK		
5. MORSE TYPE CONTROLS FOR PLOW AND HOIST		
6. HYDRAULICS RUN TO THE FRONT FOR PLOW WITH QUICK DISCONNECTS NEATLY PLACED IN FRONT BUMPER		
7. HYDRAULICS RUN TO THE REAR FOR SPREADER WITH QUICK DISCONNECTS NEATLY PLACED PER CUSTOMER REQUEST		

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	Meets specification	
	Yes	No
LIGHTING		
1. THREE (3) 15" LED MINI LIGHT BARS ROOF MOUNTED ON AN ALUMINUM ACTION BAR. EACH MINI LIGHT SHALL BE AMBER AND WHITE. ALL WARNING LIGHTS ACTIVATED ON ONE UPFITTER SWITCH		
2. LED STOP/TURN/TAIL IN REAR POST		
3. 2 LED AMBER/CLEAR STROBES IN REAR POST		
4. LED AMBER/CLEAR STROBES MOUNTING IN ALUMINUM BOXES ON THE CABSHIELD		
5. SNOW PLOW LIGHTING MOUNTED ON THE HOOD		
6. 2 LED SPREADER WORK LIGHTS		
7. FLUSH MOUNT LED AMBER/CLEAR STROBES IN GRILL		
8. FLUSH MOUNT LED AMBER/CLEAR STROBES MOUNTED ON SIDE OF DUMP BODY		
9. TRUCK-LITE SEALED WIRING SYSTEM (WATER PROOF JUCT BOX)		

	Meets specification	
	Yes	No
MISCELLANEOUS		
1. SNOW DOGG 10X42 POWER REVERSING FULL TRIP SNOW PLOW		
2. ELECTRIC "JOY STICK" CONTROL FOR DUMP BED AND PLOW		
3. BUYERS QUICK LING SNOW PLOW HITCH		
4. PINTLE PLATE WITH 25 TON PINTLE HITCH		
5. TWO 1" D-RINGS		
6. 7-WAY FEMALE TRAILER PLUG		
7. AERO ELECTRIC TARP SYSTEM		
8. ½ FENDERS FOR REAR DUAL TIRES		

