

Town of Poland



Plow Truck Chassis Request for Proposals

The Town of Poland is accepting bids for a new ten (10) wheeled truck chassis to be used as a plow/sander/dump truck for the next 15 years at our Public Works Department. The truck will be outfitted with an 11' reversible plow, a 10' right hand wing, and a 13' all-season dump/sander body combo in a separate bid. The specs for these items are attached and your chassis must accommodate without modification.

Bid price shall include a 5 year extended emissions warranty. All warranty's start upon truck delivery to the Town of Poland from the body outfitter not when chassis is delivered.

The enclosed bid form must be used. Companies submitting bids must submit them in sealed envelopes with **"Plow Truck Chassis Bid"** clearly printed on the exterior. All bids must be delivered to the town office **no later than: November 16, 2023 - 11:00 AM,** at which time they will be opened and read publicly in the Town Office Conference room. The Board of Selectpersons will consider proposals on, November 21, 2023 at 7:00 PM in the Town Office conference room. Any questions regarding specifications should be directed to Adam Strout, Public Works Director @ (207) 998-2570, or astrout@polandtownoffice.org. The Town of Poland reserves the right to reject any or all bids.

TOWN OF POLAND
REQUEST FOR PROPOSALS FOR
FLOW TRUCK CHASSIS

BID FORM - 2023

Company: _____

Primary Contact: _____ Primary Phone: _____

Address: _____

E-Mail Address: _____

1. Please circle YES or NO on the following specifications. Any no answers must be accompanied with the spec number and the deviation or substitution:

ENGINE:	yes	no
Diesel inline 6 cylinder with a minimum 470 HP @1700 RPMS, 1650 lb-ft Torque @ 1000 RPMS.		

TRANSMISSION MANUAL:	yes	no
{Fuller RTO (F)-1698LL} 10 Speed Manual; Double Lo With Overdrive, Internal Lube Pump with Air Shift.		

CLUTCH:	yes	no
Manual adjustment, 2 Plate Ceramic, 15.5" Diameter, 7 Spring Mechanical Pull-Type Control with a Minimum of 1700 lb-ft Torque Capacity.		

AXLE, FRONT NON-DRIVING:	yes	no
Set forward / Wide Track, I-Beam type, 20,000 lb capacity minimum.		

AXLE, REAR, TANDEM:	yes	no
Single Reduction, Standard Width, 46,000-lb Capacity Minimum With Driver Controlled Locking Differential in both Forward-Rear and Rear-Rear Axle with a Gear Ratio of 5.63.		

TIRE FRONT:	yes	no
(2) 425/65 R22.5 Load Range L HTC1 (CONTINENTAL), All- Position.		

TIRE REAR:	yes	no
(8) 12R22.5 Load Range H HSC1 (CONTINENTAL), 482 rev/mile, All-Position.		

SUSPENSION, REAR, TANDEM: {Hendrickson HMX-460-54} Walking Beam Type 54" Axle Spacing; 46,000 lb Capacity Minimum with Rubber End Bushings, Transverse Torque Rods, and Less Shock Absorbers.	yes	no
CAB PAINT: School Bus Yellow. Basecoat Clear Coat	yes	no
CHASSIS: 126" CTA, and 75.00 Axle to Frame.	yes	no
FRAME RAILS: Heaviest Single Frame available Only, Double Frame will not be accepted. Heat Treated Alloy Steel (120,000 PSI Yield); Must have 34" clear on outside frame behind cab Right Side, and 48" on Left Side.	yes	no
Please list frame size and thickness: _____		
BUMPER,FRONT: Steel, Swept Back; Painted Black.	yes	no
FRAME EXTENSION, FRONT: Integral; 20" In Front of Grille.	yes	no
SUSPENSION, FRONT SPRING: Parabolic, Taper Leaf; 20,000-lb Capacity minimum with Shock Absorbers, Maintenance-free Rubber Spring Pin Bushings, and Air Bag Driver Controlled Right Side Only.	yes	no
BRAKE SYSTEM: Air Dual System for Straight Truck Applications to include; All Brake Lines, Color and Size Coded Nylon, Twist-type Drain Valves, Dual Air Gauges, Parking Brake Control Yellow Knob, Parking Brake Valve Control for Truck, 2 Quick Release Valves on Rear Axles for Spring Brake Release, Spring Brake Modulator Valve with Relay Valve. Slack Adjuster, All, Automatic with 5/16 Square Head Adjuster. No "Clutch-Style Adjusters" will be acceptable.	yes	no
BRAKES, FRONT: Air 16.5" x 6", Brake Shoes with 24 SQ IN Chambers.	yes	no
BRAKES, REAR: Air 16.5" x 7.0" with 30/30 Long Stroke Brake Chambers, and Spring Actuated Parking Brakes @ all wheels.	yes	no
AIR DRYER: Bendix AD-IP with Heater, Located Inside Left Rail behind Cab.	yes	no

AIR COMPRESSOR: 15.9 CFM Capacity or Greater.	yes	no
STEERING COLUMN: Tilting and Telescoping.	yes	no
STEERING WHEEL: 18"	yes	no
STEERING GEAR: Dual Steering Boxes.	yes	no
EXHAUST SYSTEM: Horizontal After Treatment Device, Frame Mounted Right Side under Cab, with Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab.	yes	no
ENGINE COMPRESSION BRAKE: With Selector Switch and On/Off Switch.	yes	no
ELECTRICAL SYSTEM: 12-Volt, Fuses, SAE Blade-Type, Hazard Switch, Headlights (2) Sealed Beam, Jump Start Stud Located on Positive Terminal of Outermost Battery, Parking Light Integral with Front Turn Signal and Rear Tail Light, Starter Switch Electric, Key Operated, Stop, Turn, Tail & B/U Lights Dual, Rear, Combination with Reflector, Turn Signal Switch Self-Cancelling, Windshield Wiper Switch 2-Speed with Wash and Intermittent Feature, Windshield Wipers Single Motor, Electric, Wiring, Chassis Color Coded and or Continuously Numbered. With master battery disconnect switch.	yes	no
ALTERNATOR: 12-Volt 160 Amp. Capacity Minimum.	yes	no
TAIL LIGHT WIRING: For Standard L and R Tail lights, With Extra Cable to Allow Wiring of Body Lights.	yes	no
AUXILLARY HARNESS: 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications.	yes	no
TRAILER CONNECTION SOCKET: 7-Way, Mounted at Rear of Frame, Wired for Turn Signals Independent of Stop, Compatible With Trailers That Have Amber or Side Turn Lamps.	yes	no
HORN: Electric Disc Style.	yes	no

BATTERY BOX: Steel with Plastic Cover, 18" Wide, 3, or 4 Battery Capacity, Mounted Right Side Back of Cab and No closer than 34" from rear of cab or in cab under passenger seat.	yes	no
CLEARANCE/MARKER LIGHTS: (5) Amber LED Lights, Cab or Sunshade.	yes	no
BODY CIRCUITS: With 6 Switches in Instrument Panel.	yes	no
HORN: Air, (2) Single Tone, Roof Mounted.	yes	no
CIRCUIT BREAKERS: Manual- Reset, (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses.	yes	no
TURN SIGNALS: Front Includes LED Side Turn Lights Mounted on Fender/Body.	yes	no
FENDER EXTENSIONS: Rubber.	yes	no
GRILLE: Stationary.	yes	no
INSULATION: Panels for Sound Abatement.	yes	no
FRONT HOOD: Tilting Fiberglass with provision for checking engine oil and coolant without tilting.	yes	no
ANTI-FREEZE: Red, Extended Life Coolant; To -40 Degrees F / -40 Degrees C, Freeze Protection.	yes	no
PTO EFFECTS, Engine Front: Including Adapter Plate on Engine Front Mounted.	yes	no
BLOCK HEATER ENGINE: 120V/1500W; and Includes: Block Heater Socket Receptacle Type; Mounted below Drivers Door.	yes	no
AIR CLEANER: Single Element with Air Cleaner Restriction Gauges.	yes	no

DEF TANK: Frame Mounted Outside Left Rail, Under Cab.	yes	no
FUEL/WATER SEPARATOR: {Davco Fuel Pro 382} With Fuel Heated Fuel Heater, Thermostatic Fuel Temperature Control, Mounted in Standard Position, Includes Water-In-Fuel Light.	yes	no
FUEL TANK: Polished Aluminum, 50 Gallon minimum, Mounted Left Side, Under Cab with Stainless Straps.	yes	no
GAUGE CLUSTER: (6) Engine Oil Pressure, Water temperature, Fuel, Tachometer, Voltmeter, Def. Fluid Level.	yes	no
WARNING SYSTEM: Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible).	yes	no
SEAT, DRIVER: Cloth Center Vinyl Sides Air Suspension, High Back with Integral Headrest and Right Arm Rest	yes	no
MIRROR, CONVEX, HOOD MOUNTED: (2) Heated, Left and Right Sides.	yes	no
SEAT, PASSENGER: Non-Suspension, Fixed Back,	yes	no
Mirrors: (2) Rectangular, Thermostatically Controlled Heated Heads with Convex Both Sides.	yes	no
AIR CONDITIONER: With Integral heater & Defroster.	yes	no
WINDOW POWER: (2) and Power door Locks, Left and Right Doors.	yes	no
AM/FM RADIO: With Blue-Tooth Capability.	yes	no
CONSOLE OVERHEAD: With Storage Pockets and Radio Pocket.	yes	no

FLOOR COVERING: Rubber.	yes	no
SUN VISOR: (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console.	yes	no
EXTERIOR CAB SUNVISOR:	yes	no
CAB REAR SUSPENSION: Air Bag Type.	yes	no
WHEELS, FRONT: 12.25 x 22.5, Polished Aluminum, 10 Stud, Hub-Piloted, Flanged Nut	yes	no
WHEELS, REAR: 1/2" Thick, Dual Disc: 22.5 x 9.00, Powdered Coated White Steel, 10-Stud.	yes	no
5 year extended emissions warranty:	yes	no
Software: CD Parts Manual	yes	no
TRIANGLE REFLECTORS & 5 lb. FIRE EXTINGUISHER:	yes	no

2. TOTAL PRICE FOR COMPLETE CHASSIS INCLUDING DELIVERY: _____

3. NUMBER OF CALENDAR DAYS REQUIRED FROM AWARD DATE TO DELIVER: _____

4. SIGNATURE OF REP COMPLETING FORM: _____

5. PRINTED NAME OF REP COMPLETING FORM: _____