

NOTICE TO BIDDERS

August 11, 2014
Bolivar, MO 65613

Sealed bids will be received until 2:00 p.m. on August 21, 2014, and then publicly opened and read at 345 S. Main, Bolivar City Hall, Polk County, Missouri, for a bid for a truck for the waste water treatment plant and a 3000 gallon tank to be installed on the truck.

Specifications and Bid Documents are on file and may be examined and obtained between the hours of 8:00 a.m. & 5:00 p.m. Monday thru Friday at the Offices of the Public Works Director or City Clerk, at Bolivar City Hall, PO Box 9, Bolivar, MO 65613, 417-326-2489.

Natalie Scrivner
City Clerk

**CITY OF BOLIVAR
REQUESTING A BID FOR A
3000-Gallon Tank Specifications**

A PROPOSAL MAY BE SUBMITTED WITH THE FOLLOWING SPECS OR COMPARABLE.

1. **Carbon Steel Tank:** 2,962-3,000 gallon, approximately 15'6"
 - A. **Barrel** – 1/4' steel, 72" in diameter and 178" long. 100% welded no stitch welding. Tank, hose trays, full length skips, Includes under side 100% welded inside And out,
 - B. **Heads** – 14" pressure heads, dished and flanged. Welded 100%.
 - C. **Rails** – Mounting rails running full of tank. Welded 100%.
 - D. **Baffle** – 1/4" baffle to allow cleaning of tank and braced for strength. Two (2) Baffles are to be welded to baffle pads. Baffle pads are 1/4" X 2" X 2" Rolled angle. Baffle pads act as interior ribs for greater strength and Integrity to tank and baffle.
2. **Portal:** 12" pressure dome with 6" stainless steel primary shut off ball.
3. **Moisture Trap:** 10 gallon W/6" stainless float.
4. **Top Hatch:** 21" Quick opening man way with greasable wing nuts.
5. **Discharge Valve:** 4" pneumatic controlled valve (control in cab) marine, and 4" male Cam-lock coupling with cap. Located at rear of tank flush with bottom To allow the complete emptying of contents.
6. **Intake Valve:** 4" quick opening valve with 4" male cam-lock coupling with cap.
7. **Mud flaps:** Mounted in front and behind of rear tires. (4), with anti-sail brackets.
8. **Vacuum Gage:** Vacuum/Pressure air type, liquid filled.
9. **Hose Rack:** Full length of tank, with 8" high sides, no thinner than 10 gal Steel with step taillight sections. Welded 100%
10. **Lights:** Truck-Lite sealed units with junction box for stop an tail lights, two (2) back-up Lights and clearance light.

- 11. Bumper:** Heavy Duty, tubular 2"X 6" frame mounted.
- 12. Miscellaneous:** Hose hooks, light brackets, ladders, hose rub bars. Aluminum protection Strips on edge of decking.
- 13. Sandblast:** Tank complete steel shot blasted prior painting.
- 14. Paint:** Primed with industrial 2 part Epoxy primer and painted with polyurethane industrial Paint. Underside of tank and hose racks sprayed with rubberized undercoating . Lined-X spray-on chip guard, 24" barrel or side to side.
- 15. Mounting:** Tank mounted on truck chassis. Tank to be bolted to the frame of the truck, Not welded. Six (6) mounts, (4 – spring loaded), captured mounts that pre-vent tank from shifting forward, backward or side to side.
- 16. Vacuum Pump:** National Vacuum 360 Challenger pumping system (or equivalent) Rated at 320CFM @ 15".
- 17. Muffler/Oil catch:** Large upright 600 CFM rated.
- 18. Drive System:** Balanced tube-type drive shaft from PTO to 90 degree aluminum gearbox. Woods coupling from gear box to pump. Pump frame mounted for easy cleaning and accessibility (prefer left side). Large gearbox with 1 1/4" shafts. #9 woods couplings.
- 19. PTO:** Heavy duty air-operated PTO to match truck engine and vacuum pump speeds.
- 20. Warning Lights:** Amber LED warning lights two (2) units. One mounted on top of tank at rear, and one mounted on the top of truck cab. Controls mounted in cab.
- 21. Safety Valves:** One (1) 2" pressure relief valve. One (1) 1 1/2" vacuum relief valve.
- 22. Option:** 5" glass eye, 2" sight tube, float level indicator.
- 23. Miscellaneous:** Max Cab to Axle 128" Total Gross Weight 31,101

**CITY OF BOLIVAR
IS SEEKING BIDS FOR A TRUCK FOR THE WASTE WATER TREATMENT PLANT.
A PROPOSAL MAY BE SUBMITTED FOR THE FOLLOWING SPECIFICATIONS OR COMPARABLE.**

ENGINE: 330 – 450 Hp.

FRONT AXLE: 14,600

REAR AXLE: 20,000 + 20,000

REAR WHEELS: 24.5 Steel

FRONT WHEELS: 22.5 Steel

REAR END RATIO: 4.10

AC:

FRAME: Double

POWER STEERING:

AM/FM RADIO:

TRANSMISSION: Manual

MILEAGE: Less Than 600,000

YEAR: 1999 or Newer