# **Town of Poland**

# **B&W SEAL 2012 NEW.jpg**

# **Plow & Sanding Equipment**

# **Request for Proposals**

The Town of Poland is accepting bids for plow and sanding equipment with installation on a new 2023 or 2024 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 enclosed bid form must be used. Companies submitting bids must submit them in sealed envelopes with **“Plow & Sanding Equipment Bid”** clearly printed on the exterior. All bids must be delivered to the town office **no later than: January 5, 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 Tuesday January 17, 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) 329-9325, or astrout@polandtownoffice.org. The Town of Poland reserves the right to reject any or all bids.

**TOWN OF POLAND**

**REQUEST FOR PROPOSALS FOR**

**PLOW & SANDING EQUIPMENT**

**BID FORM - 2023**

Company:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Primary Contact:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Primary Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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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:**

**HITCH AND WING SYSTEM:**

1. Hitch to be of tilting design. YES NO

Hitch shall tilt forward for engine access when two top pins are removed.

2. There shall be a double acting cylinder for plow lift. YES NO

3. Three plow pin heights shall be provided. YES NO

4. Two horizontal tubes shall extend outward to the passenger side of YES NO

the chassis to serve as support for the front wing post.

5. Front slide travel shall be actuated by a hydraulic cylinder with YES NO

cable and sheath.

6. The front slide will travel a minimum of 66". YES NO

7. A beam shall tie both chassis tie rails together with the rear post. YES NO

8. The rear wing shall have a three point attachment for top and bottom YES NO

push arm and lift cylinder attachment.

9. Heavy Duty Push arms are adjustable in length to provide variable YES NO

clearing paths.

10. Please provide diameter and thickness of push arms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. Lower wing arm should have a compression spring. YES NO

12. A Timbren trip block shall be mounted between the nose of the wing YES NO

and the front post to allow the wing to trip over road obstacles.

13. All hitch and wing mount gear shall be sandblasted, epoxy primed, and YES NO

painted black.

**WING:**

14. Cutting Edge length: 10'. YES NO

15. Overall Length: 11'. YES NO

16. Moldboard constructed from 8 gauge high strength carbon steel. YES NO

 The wing shall be punched 12" on center.

17. Wing shall come with standard factory edge. YES NO

18. The wing shall be sandblasted , epoxy primed, and painted. YES NO

**HYDRAULICS:**

19. Front Mounted A 10 Rexroth Load Sense Pump with an YES NO

Electronic Low Oil Shut Off.

20. Air Operated Valves. YES NO

21. All implement, and body lines shall be plumbed with stainless steel, YES NO

short hose whips, and couplers.

22. Spreader functions shall be run by a Dickey John Control Point with YES NO

Ground Speed Features, and Air/Pavement Temperature Gauge.

Plumbed so side dump may be lifted without effecting spinner or conveyer speed

23. 8 section Del Air controls to be mounted on pedestal in cab. YES NO

24. Control Pattern as follows front to rear: YES NO

Body-

Inner Body-

Plow Lift-

Plow Reverse-

Plow Roll-

Front Wing-

Rear Wing-

Shelf-

25. A 40-gallon minimum oil reservoir with return line filtration, YES NO

shut off valve, and low oil sensor.

**BODY:**

26. Combination Spreader/Dump Body. YES NO

27. Heavy Duty Body serving as Spreader or dump, transformed \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

by a hydraulic tilting floor. Please provide degrees of inner floor tilt

28. Inside Length: 13'. YES NO

29. List Body Side Height: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

30. List Tailgate Height: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

31. Hoist Cylinder: Single acting telescope. YES NO

32. Cab Shield: 24" overhang. YES NO

33. The Sides, Front, Tailgate, and Cab Shield must be YES NO

constructed of 3/16" 304 Stainless Steel.

34. The Tipper Floor shall be Constructed of 1/4" Hardox 450. YES NO

35. Tailgate with double acting design with chains to adjust both functions. YES NO

36.Tailgate shall be air operated from within the cab and shall latch YES NO

and unlatch with double acting air cylinder.

37. Remote Grease for all Grease Points on Body. YES NO

38. The side tilt floor shall be raised to reload the conveyor by YES NO

use of two double acting cylinders.

39. The conveyor assembly shall be constructed of 3/16" YES NO

Corten steel and run longitudinally down the driver's side of

the body, discharging in front of the rear wheels. Chain

and floor shall be bolted in place not welded

40. Longsills and Cross members may be steel. YES NO

41. Side Dump Hinge & Pin to be Stainless Steel. YES NO

42. Grease Cylinder Adjustment for Conveyor Chain. YES NO

43. There shall be a chain cover plate. YES NO

44. The chain shall contain 3/8" x 1 1/2" bar flights every other link for YES NO

greater strength and more even material flow.

45. The chain is driven by 25:1 ratio Worm gear box. YES NO

46. Spinner Assembly is chassis mounted and is laterally and horizontally YES NO

adjustable as well as removable.

47. The chute is frame mounted and both adjustable and removable. And shall YES NO

also come with a completed fully functional summer chute for road shouldering

or have provisions to rotate the winter chute.

48. A shovel holder shall be installed to the left hand side of body YES NO

toward the front.

**LIGHTING:**

49. Plow lights, Truck Light the Tough One, All-terrain lights YES NO

with 4" x 6" glass Halogen bulbs and Amber LEDs mounted

near Plow Lights

50. 12 Volt, self-contained, rubber grommet mounted 2" x 6" oval, YES NO

LED strobes mounted Front and sides of Headboard, LED Strobes,

Stop/Tail/Turn/ Backup Lights Installed in Rear Corner Posts.

51. LED Wing and sander lights. YES NO

**HITCH**

52. Pintle Plate and Hook with D rings, air and electric YES NO

suitable for 20 ton trailer. Truck will prepped to end of frame.

**CALCIUM SYSTEM:**

53. 160 Gallon Poly Headboard mounted Calcium Tank YES NO

Electric Calcium Pump to be controlled by the Dickey John Control Point.

**PLOW:**

54. Plow shall be a High Speed 1 piece trip edge poly skin reversible 2 cylinder hydraulic curl. YES NO

 Cylinders shall be plumbed together to operate off of 1 circuit

Please list plow make and model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cutting Edge Length: 11".

Plow shall be punched 12" on center.

The plow shall come complete with standard factory edge.

Plow shall pin to hitch on standard 30 1/2" centers.

There shall be a cable dead sheath leveling lifting device. No chain will be accepted.

Drive frame Steel shall be painted black.

**C.TOTAL PRICE FOR EQUIPMENT INCLUDING INSTALLATION: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **DATE AFTER AWARD DATE THAT ITEMS CAN BE READY FOR USE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**G.SIGNATURE OF REP COMPLETING FORM: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**H. PRINTED NAME OF REP COMPLETING FORM: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**