

Notice
Request for Proposals
PT-9-2017

TOWNSHIP OF PEMBERTON

NOTICE IS HEREBY GIVEN that sealed statements of proposals will be received by the Township Clerk of the Township of Pemberton, in the County of Burlington, and the State of New Jersey, at 10:00 AM prevailing time, on September 7, 2017 at the Pemberton Township Municipal Building, 500 Pemberton-Browns Mills Road, New Lisbon, NJ at which time and place proposals will be opened and read in public for:

The purchase of a Regenerative Air Street Sweeper.

It is anticipated that the Township will require a regenerative air street sweeper that meets or exceeds the following specifications:

1. Schwarze Model A4 Storm 4.3 cubic yard hopper with 120" wide sweeping path. Street Sweeper with all standard equipment
2. Auxiliary diesel engine, 68 HP, Tier Ivi engine to be equipped with a 3-point safety engine shut down device that shuts down engine for low oil pressure, high coolant temperature and low coolant level, 12-volt electrical system, 65 amp alternator and re-settable circuit breakers.
3. Hydraulic powers hall be used to operate all broom rotation, lifting functions, and dust suppression system. All functions shall operate independently of each other with their own in-cab controls for each gutter broom. Systems incorporating pneumatic-type controls will not be accepted. Sweeper shall utilize a multi-stage gear driven hydraulic pump, minimum of 16-gallon capacity vented hydraulic reservoir required.
4. Hopper volumetric capacity shall be not less than 4.3 cubic yards.
5. 24" x 10" inspection doors shall be provided on left and right side of hopper. Hopper interior shall be coated with an anti-wear/anti-seize coating
6. Heavy-duty steel blower shall be used to create air pressure and suction for removing debris from road surface. Sweepers that clean road surfaces by using suction only will not be accepted.
7. Blower shall be a closed face turbine type with 10 curved blades, and shall be 30-inch diameter. Blower to be constructed of T-42 steel. A die cast aluminum alloy open face blower, either covered with rubber or not, or a die cast steel open face blower will not be accepted
8. Blower shall have a minimum rated performance of negative 40 inches of water column and 12,000 CFM.
9. Fan must provide 360-degree average dB rating of 72.0 or less at an unobstructed distance of 50 feet at 2000 RPM. Blower housing will be constructed of 3/16" abrasion resistant steel with the inside of the housing covered by a replaceable rubber wear liner.
10. The sweeper pickup head shall not be less than 80 inches wide and 26" long giving a total head area of 2080 sq inches.
11. Dual gutter brooms shall be 39" minimum diameter each and provide a minimum of 120" sweeping path (including suction head).
12. Sweeper will have sweeps in reverse, which allows it to sweep in both forward and reverse with the head down without causing damage to head or other components. Sweeping heads that are not designed to sweep in reverse and that require add on devises such as chains attached to the head and chassis axle to meet this requirement will not be accepted.
13. A Dust control system shall be provided by an electrically driven diaphragm type water pump. Pump to produce a minimum of 100 PSI. The water pump will automatically disengage when the water supply is depleted.
14. Water tank capacity shall not be less than 130 gallons and be constructed of polyethylene for strength and corrosion resistance. Water tank shall be bolt-on design for easy removal.
15. A 25' fire hydrant fill hose and hydrant wrench shall be provided.
16. Water spray nozzles shall be located at each gutter broom, four spray nozzles on pickup head, and four inside the body.
17. Water tank low level alarm and indicator
18. Front mounted spray bar
19. Hopper mounted spray bar
20. Hopper shroud and suppression

21. 6"stainless steel hand hose
22. 6" x 4' hand hose extension
23. Hopper deluge
24. DC hydraulic backup
25. 12"parabolic mirrors
26. Camera system, single
27. Cab mounted LED strobe light
28. Toolbox complete with lockable door shall be provided
29. Sweeper auxiliary engine shall be warranted for not less than 24 months or 2000 hours.
30. Isuzu Cab Over chassis model NR254 with current emission standards, auto transmission with diesel engine, 17,950 GVW, Chassis is to be sufficiently rated to transport a full load of sweeping debris at speeds up to 55 mph. Dual steering chassis to have 110 amp alternator, 30 gallon fuel tank, windshield wiper control w/delay, anti-lock brakes, dual west coast mirrors with 8" chrome parabolic mirrors, wheelbase no longer than 132.5" with a turning radius to be no more than 23.3', cab to axle 110" for excellent maneuverability, sweeper height will not extend over 89"above ground (not including strobe light).
31. 12 Month/1200 hours sweeper warranty.
32. Body mounting on chassis
33. Delivery to customer location

Inquiries and requests for clarification shall be addressed in writing via e-mail to the Township Clerk's Office at the address indicated herein during regulator business hours, 8:00 AM to 4:30 PM, Monday through Friday excluding holidays.

Proposals for the above listed equipment is being solicited through the fair and open process in accordance with N.J.S.A. 19:44A-20.5 et seq.

Bidders are required to comply with the requirements of N.J.S.A. 10:5-31et seq., and N.J.A.C. 17:27 et seq.

Amy P. Cosnoski, RMC, Township Clerk