



SOLICITATION SPECIFICATIONS
OEV25004521– OPEN ENROLLMENT VENDOR ASSESSMENT (PASS/FAIL)

TITLE: DCAMM - MPA 568 MAINTAIN & SERVICE GRINDER/AUGER SEWAGE HANDLING EQUIPMENT

SECTION A. BACKGROUND

This MPA is for Statewide mechanical repair and/or maintenance for mechanical equipment housed or attached to State facilities that produce water or process sewage or effluent in any form including sewage (effluent and debris), auger/grinder pits or facilities, drinking water facilities, drinking water filtration facilities, wastewater treatment facilities and equipment, drinking water distribution system structures/equipment, and wastewater collection system structures/equipment.

Work/maintenance will be performed at the following locations but may not be limited to these locations:

Capitol Hill Campus; Providence, RI
Rhode Island Veterans Home; Bristol, RI
Zambarano Campus; Pascoag, RI
Pastore Center Campus; Cranston, RI

All maintenance and service equipment and components must be performed following manufacturers' recommendations and requirements. Vendors must review all information herein to understand the frequency of inspections (based on normal operations/usage) and should adjust based on usage and environmental conditions. More frequent inspections are encouraged if the equipment is operating in a harsh environment. Please consult with O&M manual on file within the agency facility office.

SECTION B: SCOPE OF WORK AND REQUIREMENTS

1. Visit the Pastore Center Campus located in Cranston, RI on a semi-annual basis (every 6 months) to systematically check and operate all electrical, control, and mechanical equipment associated with the sewage grinders, augers, and auge screens.
2. Visit the Zambarano Campus in Pascoag, RI once a year to inspect the chains, links, pins, and paddles in the primary and secondary settling tanks.
3. Maintain and service all Pastore Center Department of Corrections grinder/auger equipment and components as identified with manufacturers' recommendations.
4. Maintain and service all Zambarano WWTF equipment and components as identified following manufacturers' recommendations and requirements.

5. Prepare and submit letter reports to the owners summarizing the inspections of the grinders, augers, and settling tank chains including field notes and any deficiencies.
6. If any deficiencies or repairs are needed; be able to quote the repair and an estimated completion date.
7. If repair calls for it, be able to provide own electrician/plumber etc. for the job, include in quote.
8. Provide 24-hour on-call services for the Zambarano WWTF equipment and the Pastore Center sewage grinders and augers on a requested basis. All repair maintenance, if necessary, will be performed on a time-plus-expense basis.
9. Repair and corrections that are made during any and all inspections will be noted on the vendor report. If any components/system devices cannot be corrected at the time of the maintenance work orders prior to the ending of the facility staff's shift, the corrective maintenance work order will indicate the action level as follows: EMERGENCY, HIGH, MEDIUM, or LOW designation.

Pastore Procedural Items:

1. Inspect cutters on the grinders to ensure the waste debris is shedding into small pieces.
2. Inspect the augers to ensure they carry the shredded debris up the auger and to the waste container destination.
3. Inspect the auger nylon brushes for wear so that they keep the flow screen clean. This component is attached to the auger base.
4. Inspect motors on the grinders, such as motor temperature and sound.
5. Inspect bearings on the grinders by vibration and sound.
6. Inspect the gearbox for augers by temperature and sound.
7. Inspect that there is a good sewer flow and no obstructions in the sewer through the system.
8. Inspect the auger nylon brushes flow screen cleaning mode; the auger stops for two seconds, runs in reverse for approximately 6 seconds, and returns to forward motion.
9. Inspect other equipment such as lighting, water lines, electric heating units, and overall, any other unordinary conditions that might exist pertaining to the building.
10. Inspect electrical components at the control panel located outside the building such as take readings of voltage and amperage for the grinders and augers when the units are in running mode.
11. Vendor to submit a report of their findings and a quote if necessary for the repairs needed.
 - a. Locations of Sewer and Auger Grinders: Pontiac Avenue across from Waste Management and Pontiac Avenue at the RI Lottery
 - b. Inground Sewer Grinder Locations: Maximum Security East side of prison wall-ACI, Entrance to High Security off Power Road Cranston, Ri-ACI, South end against security fence at the Intake Center-ACI