

Statement of Work
RFx Number: 6100059773
1140-62559 Sewage Grinder SCI ALB 102523

Qty 1 – Model 30005-0032-DI Muffin Monster

- One Model 30005-0032-DI Muffin Monster TM grinder in 24"w x 40"d channel (refer to JWC Environmental flow curves for additional performance data).

Scope of supply to include:

Grinder with 32" cutter stack using 11-tooth cam cutters in hardened alloy steel, cartridge-style tungsten carbide mechanical seals with BUNA-N elastomers rated for 90 psi, green epoxy coated ductile iron end housings and high-flow siderails, 29:1 speed reducer and 5 hp TEFC 230/460v/3ph/60Hz electric motor.

- One 32529-style channel-mounted frame assembly fabricated in 304 stainless steel.
- One PC2220 motor controller in a NEMA 4X FRP enclosure with circuit breaker disconnect accepting 460v/3ph/60Hz input power, includes IEC starter with over-current protection, jam-sensing current transformer and micro-PLC.
- One Remote E-stop/start station NEMA 4X.
- (2) Operation and Maintenance manuals.

Qty 1 – Installation

- Scope of work:
 - Remove existing grinder and frame with gantry/crane.
 - Clean walls and prep for new Grinder installation and hardware.
 - Set new Grinder and Frame with crane/gantry.
 - Mark new anchor mounting points. Install Anchors.
 - Install new Control Assembly and Box.
 - Check for proper operation.
 - Perform Start-up unit.