

FUEL OIL TRANSFER SYSTEMS: SERIES FOT

SUGGESTED SPECIFICATIONS

Furnish and install a packaged fuel oil pumping and straining system series FOT as manufactured by **Penn Pump & Equipment Company, Inc.**, of Hatfield, PA (215-997-6100). The packaged and tested system shall provide the capacity as scheduled on the drawings.

- A. The pumps shall be cast iron positive displacement close coupled internal gear type, equipped with mechanical seal. Each pump shall include a flexible type coupling with a TEFC motor.
- B. Each pump shall include two piece bronze 600psi WOG non shock ball valve isolation valves, bronze check valve, bronze relief valve, cast iron basket strainer with stainless basket and hand screw type cover.
- C. Provide a NEMA 1 system pump controller mounted and wired to contain:
 - Single point power connection
 - Individual motor fuse blocks with fuses or circuit breakers
 - Across the line magnetic starters with overload protection and resets
 - Control circuit transformer 120 volt
 - Lead lag pump selector switch
 - Pump running pilot lights
 - HOA selector switches
 - Lead pump failure protection with alarm light, horn and remote contacts
 - Numbered terminal strip
 - Wiring diagrams
- D. The system manufacturer shall provide single source responsibility for all the components provided on the packaged system. The packaged pumping system shall be factory assembled and tested with schedule 40 steel system piping with a steel drip pan and a vacuum pressure gauge on the common suction connection. It shall be cleaned and painted with a high grade shop enamel.

SPECIFY WITH CONFIDENCE, SPECIFY PENN PUMP SYSTEMS