

# **PUBLIC NOTICE**

## **NOTICE TO BIDDERS Addendum #2**

The following addendums are listed, below, from the Request for Proposal for Providing Washing Equipment for the Salem County Correctional Facility, which was advertised in the Today's Sunbeam on July 31, 2009.

### **Page 22 additions**

#### **16.0 BID SPECIFICATIONS**

The successful vendor shall be responsible for the installation of two (2) Milnor, Model 30022V6J (60 pound) combination laundry E-P Plus Washer-Extractor or equivalent. Said installation shall include, but is not limited to, secure mounting of both washer units; all plumbing including fixtures and fittings for water supply, water discharge and drain; and all electrical connections and equipment including UL Ground Fault electrical supply for each washer unit.

The Washer-Extractor Unit must be energy efficient, time-saving and must feature water saving capabilities.

The Washer-Extractor equipment must meet the following minimum requirements:

#### **Programs:**

Microprocessor control shall provide thirty (30) easily programmable formulas; ten (10) formulas shall be pre-set, automatic wash programs specially designed for Correctional Laundries. Thirty (30) total formulas shall have 225 total steps. Up to fifty (50) steps shall be assigned for each formula, including: type of step, type of bath, time (15 seconds to 63.5 minutes), water valve selection and temperature modulation (50° F – 205° F/10° C - 96° C).optional steam injection, one of two pressure switch controlled levels, chemical injections (up to five different chemicals), durations and time of chemical injection, how to drain (i.e., standard drain, no drain, or cylinder reversal), type/time of extract, cool down (optional), and operator signals. One screen format shall display previous decisions and allow programmer to change then at will. Control shall also allow programmer to move backwards and forwards to change a pervious decision. Display shall provide operating information and error message. Control shall also provide for testing electrical inputs and outputs to help diagnose problems, shall provide formula counter, and shall signal operator at end of cycle.

#### **Overnight Bath Soak:**

When specified, shall provide for overnight bath soak without the need for powering-up entire machine overnight.

#### **Automatic Supply Injection:**

Shall automatically add proper supply at required time. Six fittings shall be provided for connecting tubes from remote liquid supply systems. Control shall provide start signals for

injection of liquid chemicals. (Optional: Shall be equipped with machine-mounted, five compartment automatic flushing supply injection for dry or liquid supplies.)

**Stainless Steel:**

Shall be type 304 corrosion-resisting steel.

**Cylinder:**

Shall be of dimensions and volume shown in table below, fabricated entirely of .050" (1.3mm) stainless steel. Side sheet shall have perforations and three ribs, each 5.56" (141 mm) minimum height. All cylinder welding shall be continuous.

**Shaft:**

Shall be alloy steel, major diameter not less than 2-1/2" (63.5 mm) with all bearing fits ground.

**Shell:**

Shall be stainless, so constructed as to prevent washing solution from contacting carbon steel.

**Shell door:**

Shell be minimum of 15-1/2" (394 mm) with high tensile strength glass capable of withstanding high mechanical action and thermal shock.

**Safety Interlock:**

Shall prevent machine operation unless door is closed.

**Main Bearing:**

Shall be heavy duty tapered roller bearings, oil lubricated, with triple seal between front bearing and wash water to retain lubrication and shield bearing from washing solution.

**Motor Drive:**

Shall have one single-speed motor inverter. Shall have one distribution speed, as shown in table and programmable wash and extract speeds.

**Drain Valve:**

Shall be electrically operated 3" (76 mm) gravity valve.

**Water Inlet Valves:**

Shall be at least 3/4" (19.1 mm) commercial type, with at least 3/4" (19.1 mm) ports and epoxy encapsulated, waterproof and mechanically protects coils.

**Vibration Safety Switch:**

In case of excessive vibration, shall immediately stop machine and signal operator.

**WASHER-EXTRACTOR UNIT SPECIFICATIONS:**

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**Maximum Capacity = 60 Lbs. \ 27 Kg.**

**Cylinder Diameter x Depth = 30"x22" \ 762 mm x 559 mm**

**Gross Cylinder Volume = 9 Cubic Ft. \ 255 L**

**Motor = 5 HP \ 3.72 KW**

**Wash 1 = Approximately 38 RPM**

**Wash 2 = Approximately 43 RPM**

**Distribution Speed = Approximately 65 RPM**

**Extract 1 = Approximately 420 RPM**

**Extract 2 = Approximately 485 RPM**

**Maximum Extract Speed = 800 RPM**

**Maximum G Force = 150**

**Drain Valve = 3" \ 76mm**

**Inlet Valve = 0.75" \ 19.1mm**

**Overall Width = 34.5" \ 876mm**

**Overall Depth = 52.25" \ 1327mm**

**Overall Height = 54" \ 1372mm**

**Net Weight = Approximately 909 Lbs. \ 412 KG**

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