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Subject: QUOTE BANK: 1200 GPD FULLY AUTOMATIC REVERSE OSMOSIS DEIONIZATION & PRETREATMENT

AQUATHIN QUOTE BANK: A FREE SERVICE FOR ALL AUTHORIZED AQUATHIN DEALERS

SYSTEM : *The proposed AQUATHIN system and installation includes the following components, features and purpose.*

1. Model TGST-1.5 - *This system features automatic twin 5" x 20" high impact resistant filter housing manifolded onto a sturdy and durable powder coated steel frame. A dual gradient 75 micron to 25 micron spun polypropylene sediment filter is located in the first position. A dual gradient 50 micron to 5 micron spun polypropylene filter is located in the second position. This combination and type of media have exceptional dirt holding capacities and are oleophilic.*

2. Model SYNASC-25K AQUATHIN SYNCHROMATIC Water Softener - *is to remove calcium, magnesium and iron from RO feedwater. These ions lead to premature plaquing and hydrolysis of RO membranes, resulting in reduced production, increased conductivity, and membrane failure. This softener features a 300,000 grain capacity, twin resin tanks that regenerate with softened water on demand. Metered glass-filled styrene 9000 valve, microprocessor controlled for reduced salt usage. Can regenerate one tank while softening with the other. NO DOWN TIME DURING REGENERATION. Will not backwash ions into RO, Regeneration occurs when needed, no need to over regenerate, saves salt, no complicated failure-prone solenoids needed to put RO in standby, RO can operate on demand 24 hours a day. Eliminates the need for acid and antiscalant injection. Easier to operate and inexpensive to maintain.*

3. Model TGST-1.5 GAC/CBC Carbon Filter - *is to dechlorinate RO feed water and to reduce organics. Must be used as a prefilter to protect RO membranes from hydrolysis. This system features automatic twin 5" x 20" high impact resistant filter housing manifolded onto a sturdy and durable powder coated steel frame.*

4. MODEL 1200+24K - *is a fully automatic High Flow Demand Thin Film Composite Reverse Osmosis Water Purification System with the following features.*

A. Twin FDA Approved Thin Film Composite Reverse Osmosis elements producing 98+% rejection of salts and 99.9% rejection of disease-causing waterborne microorganisms at 100 psi. Total daily water capacity is 1200 gallons per day. The attached chart relates the superior efficiency of Reverse Osmosis over other filtration technology. Brine to product ratio is 2:1 by design.

B. Patented IQ-EMP Intelligent Selectronic Memory Panel fully automates the 1200+24K System and provides LED Self-Diagnostics for the following processes: System Power, Storage Tank Full, System On, System Off, System Flushing, Low Source Pressure. The 1200+24K's unique flushing feature periodically accelerates the flow of tap water over the membranes to purge any materials that could potentially plaque the membranes -- hence, prolonged efficiency and longevity. Should water pressure or flow drop below permissible levels, the 1200+24K automatically shuts off to protect the pump and electronics. Function automatically resumes when source pressure raises. Custom design solenoids and backflow prevention devices assure optimum system functions.

C. The 1200+24K plumbing fittings are FDA Approved and NSF Certified "Speed Fittings" for quick installation and service.

D. The 1200+24K mounting bracket is brushed anodized aluminum to resist rust and corrosion while providing a lifetime of support.

5. OPTION Model LDI - *Quantity two. Once the water is prefiltered and passes the Reverse Osmosis membrane, four AQUATHIN nuclear grade FDA Approved mixed bed Deionization Modules in series further reduces the RO permeate constituents, to the quality of water desired.*

6. OPTION Model LAB 10.2 - *AQUATHIN has accumulated numerous in-field test analyses from around the world proving the efficiency of our RO technology. However, due to the "absolute-ness" of this installation, with respect to rejection of disease-causing waterborne microorganisms we have elected to incorporate a 10 inch .2 micron cartridge to assure collection of any microorganisms in the unlikely event of membrane failure, followed by ultra violet light. Further, the .2 micron filter prevents any possible reverse migration of bacteria. It too, is contained in a clear see-view housing.*

7. OPTION Model UV MP-13 - *Is an ultra violet light in stainless steel chamber capable of water flow up to 2 gallons per minute. The UV is volt regulated and is the final system failsafe.*

8. Model RO-Tanks - *Water is stored in twin NSF Approved RO-86 Reservoirs where total reserve capacity of 55 gallons per tank (110 total) is available. As water is consumed, the 1200+24K System begins to replenish the reservoir. Custom manifolding downstream from the tank affords multiple dispensing sites.*

9. 500 Gallon PE Tank and Controller - *In the event storage of higher quantities of purified water is desired, the 500 gallon (other sizes available upon request) high density polyethylene tank with the 6 DTTC Controller is used instead of the RO-86 tank. However a RO-20 is required to sense volumetric pressure. The 6 DTTC level sensors may be mounted accordingly to optimize fill and recovery time as necessary. A 0.2 micron anti vacuum breather is mounted to the top to prevent entrance of airborne microbes as purified water enters and exits the tank.*

10. Model Stainless Steel Repressurizing Pump - *Delivers water from the PE tank at consistent flow and pressure. A variety of capacities available upon request.*

CERTIFICATION : AQUATHIN CORP. is an E.P.A. Registered Manufacturer and ISO-9000 Compliant. All components are made of FDA Approved, and/or NSF Certified, UL, CSA, TUV, BSI listed materials.

WARRANTY : AQUATHIN warranties this system for a period of one year for parts and workmanship.