

Harrell Community Center and Stadium

New Orleans, LA

11/10/09

2.2 POOL WATER SANITIZER SYSTEM

- A. The system shall be an automatic natural chlorine generator , with all the control devices as shown on the drawings and here in after specified. The natural chlorine generator shall produce a pure form of chlorine that when injected into the pool water shall sanitize and oxidize the pool water. The chlorine residual shall be maintained between 1 to 3 ppm. The entire system shall be as manufactured, furnished and installed by; Innovotive Pool Solutions, 14439 NW Military Hwy., Suite 108-105, San Antoino, Tx. 78231, Tel. 210-867-1501, or prior approved equal.
- B. The system shall have a control flow meter that will automatically monitor the flow and system capacities. Monitor shall be CAT Monitor Model 5000, or approved equal.
- C. The Salt system controller shall be as manufactured by Resilience, or approved equal. The controller shall have internal transformation and digital control modules to automatically control the salt water chlorinators. The controllers shall monitor the flow and output of the chlorinators.
- D. The Chlorinators shall be Resilience model SCC-40, or approved equal. Quantities as shown on the drawings.
- E. Chlorine circulating pump shall be self priming, centrifugal, corrosion resistant, close coupled with SS strainer. Pump shall have the capacities as shown on the drawings.
- I. The CO₂ regulator shall be machined brass with SS body. Unit shall include; actuation piston; Stainless Steel solenoid valve; adjustable flow control; internal safety relief valve; and 120 volt power cord. Unit shall be capable of 0-1500PSIG inlet pressure; preset 80 PSIG; and adjustable output of 0-38 SCFH. Provide 350 # CO₂ tank as shown on the drawings. Connect to system CO₂ injector as shown on the drawings.

2.3 POOL VALVES, AND FITTINGS

All material shall be new, of the best quality with same brand or manufacturer for all similar installations.

PART 3 - EXECUTION

3.1 WORKMANSHIP

- A. The entire installation must present an appearance truly in keeping with the best practice and indicative of skill and neatness. In areas of exposed ceilings piping shall be grouped together and run on common pipe hangers with piping run parallel to building lines.
- B. All material shall be installed in a neat and workmanlike manner by competent specialists for each sub-trade. The installation of any materials and equipment not meeting these standards may be condemned by the Architect and shall be removed and re-installed at no additional cost to the Owner. Contractor is responsible for the safety and good condition of the materials installed until final acceptance by the Owner.