

ADDENDUM NUMBER 1

Peoria Park District
Planning, Design and Construction Department
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Peoria, IL 61604
Telephone: (309) 686-3386

PROJECT TITLE:
POOL HEAT EXCHANGERS

ISSUANCE DATE: 28 March 2019

LOCATION: RIVERPLEX RECREATIONAL & WELLNESS CENTER
600 N.E. WATER STREET, PEORIA, IL 61603

The proposed Contract Documents for this Work are modified as follows:

I. DRAWINGS:

A. Sheet H100

1. Detail 1/H100

- a. For note, on far left(South)side of drawing, concerning a stainless steel cover: change "NEW" to "EXISTING" There is no work at that note.
- b. Delete note stating: "IF ALL ALTERNATES ARE ACCEPTED, CONTRACTOR SHALL REMOVE GAS PIPE THRU WALL AND WELD CAP ON END. USE REMAINING OPENING FOR NEW WATER PIPE."
- c. Add Clarification concerning gas pipe demolition. "COORDINATE SHUTDOWN OF EXISTING BOILERS AND WATER HEATERS TO ACCOMMODATE REMOVAL OF MANUAL GAS VALVES FROM EXISTING 'THREAD-O-LETS'. GAS VALVE SERVING EXISTING WHIRLPOOL HEATER SHALL REMAIN TO SERVE AS A 'PURGE' VALVE, IF ALTERNATE BID #3 IS ACCEPTED. CAP VALVE WITH NIPPLE AND CAP."

2. Detail 2/H100

- a. For note, on far left(South)side of drawing, concerning HWB3 6" CAT 4 VENT STACK: change "NEW 6"" to "EXISTING" There is no work at that note.
- b. For note on upper left of drawing Starting "RELOCATE EXIST. FIRE" Change to read: "RELOCATE EXISTING SPARE FIRE SPRINKLER HEAD BOXES AS REQUIRED TO ACCOMMODATE NEW CONTROL PANEL LOCATIONS."
- c. For note upper central beginning "REMOVE UNUSED HEATER" add a comma between "HEATER" and "LAP".

B. Sheet H101:

1. Add General Note 14. "PROVIDE PRODUCT DATA FOR HEAT EXCHANGERS, PUMPS, PIPE INSULATION, VALVES, GAUGES, THERMOMETERS, FLOWMETERS AND PAINT".
2. Add to General Note 4. "ISOLATION VALVES USED FOR HOT TAP CONNECTIONS SHALL BE EQUAL TO AN APOLLO 77C100 SERIES, WITH FNPT THREADS and FULL PORT BALL"
3. Detail 1/H101
 - a. Delete note, on far left(South)side of drawing, concerning a 6" grooved Tee.
 - b. Change note on left (South) side beginning "New Mechanical T Outlet to "NEW HOT TAP MADE WITH WELD-O-LET AND 2-1/2" BALL VALVE PER 6/H200"
 - c. Remove new connection symbol from existing 2-1/2" grooved connection shown by Boiler HB3.

- d. Provide a new connection on existing 6" Heating Water Return running East-West where the new 2-1/2" HWR crosses it. New connection shall be Hot tap type made with a 6" x 2-1/2" Weld-O-Let and a 2-1/2" ball valve.
 - e. Delete 2-1/2" pipe shown between new Hot tap location and existing 2-1/2" capped Tee.
- C. Sheet H200
1. Add General Note 3. **"FLOW METERS INSTALLED IN POOL WATER SUPPLY PIPE SERVING HEAT EXCHANGERS SHALL BE MACHINED ACRYLIC PITOT TYPE SIZED FOR PIPE IN WHICH THEY ARE INSTALLED. PROVIDE FOR A HORIZONTAL OR VERTICAL PIPE CONFIGURATION, AS REQUIRED. INSTALL IN ACCORD TO MANUFACTURER'S INSTRUCTION. FLOWMETERS SHALL BE EQUAL TO BLUE WHITE INDUSTRIES F300 OR U300 SERIES."**
 2. Detail 2/H200 Add note directed to graphically shown covers: **"18 GAUGE TYPE 316 STAINLESS STEEL; TYPICAL BOTH SIDES"**
 3. Detail 3/H200.
 - a. Delete drain valves and hose connections shown under 4"x2" couplings. Graphic valve under NEW PVC BALL VALVE WITH UNION ENDS serving cold inlet shall be a 3/4" PVC ball valve with hose thread adaptor.
 - b. Provide additional tee fitting with 1" NPT x solvent weld bushing for the installation of flow switch furnished with temperature controls. Locate on exchanger side of stop valves at 10 " from other fittings or valves.
 4. Detail 4/H200.
 - a. Ball Valves with Unions shown adjacent to Pool water outlet and inlet shall be located in risers on system side of the Pool set point and high limit sensors, in vertical risers. Provide a 3/4" drain with hose thread connection on heater side of Cold water inlet valve.
 - b. Provide additional tee fitting with 1" NPT x solvent weld bushing for the installation of flow switch furnished with temperature controls, in each heat exchanger pool water circuit. Locate on exchanger side of stop valves at 10" from other fittings or valves.
 5. Detail 6/H200.
 - a. Delete 2-1/2" butterfly valve shown upstream of the strainer.
 - b. Provide Weld-O-Let and 2-1/2" Hot tap arrangement noted in paragraph I.B.3.b above.
 - c. Provide Weld-O-Let and 2-1/2" Hot tap arrangement noted in paragraph I.B.3.d above.
 - d. Delete 2-1/2" return pipe with grooved butterfly valve shown between revised Hot Tap connection and existing 2-1/2" capped Tee.
 - e. Delete Note Beginning "AT CONTRACTOR'S OPTION..."
 6. CIRCULATING PUMP SCHEDULE
 - a. Change "MAXIMUM DISCHARGE SIZE" to **"MAXIMUM INLET AND DISCHARGE SIZES"**
 - b. Change lower "Motor Data" shown in vertical to **"MANUFACTURERS"**
 - c. Add to Manufacturer's list **"AURORA PENTAIR model 326-2x2x7"**
 7. HEAT EXCHANGER SCHEDULE
 - a. Add to manufacturer's list for all 4 units **"ALFA LAVAL M6-MDFG"**
- D. Add to manufacturer's list for all 4 units **"SONDEX"**

E. Sheet E100

1. Add General Note 10. "Provide Product Data for Temperature control devices and all electrical devices."
2. Add General Note 11. " Provide shop drawings for temperature controls"
3. Add General Note 12. "Provide a minimum of 2 training sessions for teaching owners designated personnel how controls work and how they can be adjusted. Sessions shall be separated by a minimum of one week. Provide sign in sheet for each session. Sessions shall be at Owner's convenience, during normal working hours."
4. In paragraph 1.D of SEQUENCE OF OPERATION. Change "FLOW METER" to **"FLOW SWITCH"**

II. PROJECT MANUAL / SPECIFICATIONS/GENERAL CONDITIONS/ETC:

III. INVITATION TO BID:

END OF ADDENDUM NO. 1