This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by strikethrough.

A. CLARIFICATIONS

1. Q: Is the Blanket Pollution Policy adequate for use for this project?

A: No.

2. Q: Can the iFix licenses on each existing workstation (page 13300-17, part 2.11, subsection C) be transferred to the new workstations or will new View Only licenses be required?

A: The existing license keys can be transferred to the new machines without having to purchase new keys.

3. Q: Section 13300 2.11C lists a Dell U2412M, which is a Dell Ultrasharp 24” monitor. What is the specification for the “Windows 7 Professional workstation within the enclosure with raid one capability”?

A: The HMI Workstation Computer shall be a Dell Precision 5T610 (or current family product), comprised of the following configuration. This configuration is to be provided as a minimum:

- Processor type: Quad-Core (Intel Xeon)
- Processor speed: 2.4 Ghz
- Monitor size: 24-inch Ultrasharp Widescreen monitor
- Memory size (RAM): 8 GB
- Manufacturer: Dell
- Two 500 GB hard drives or larger with integrated RAID 1 controller
- Single CPU, dual capable
- 16X DVD-RW DL
• 256 MB PCIe Dual Monitor DVI capable video card
• 6 MB Cache
• Two 10/100/1000 Giga bit RJ-45 connectivity Ethernet controller PCIe cards
• 2 button scroll mouse
• Standard Windows keyboard
• 2 Serial Ports standard
• 2 Parallel Port standard or USB ports
• Sound Card and speakers
• MS Windows 7 Professional, Full Service, Service Pack 1, 32-bit
• Microsoft Office 2010 Professional 32-bit
• Resource DVD or USB Contains Diagnostics and Drivers

4. Q: What is the iFix version used at Eastern Regional referenced in Section 13300 2.11C?
   A: iFix Version 5.8

5. Q: Which version of iFix Development is required to fulfill 13300 2.11B?
   A: iFix Plus Unlimited Development

6. Q: The fluoride areas are calling for a FRP tank support. Would concrete pads be an acceptable alternative to the FRP stands?
   A: No, concrete tank supports for the Fluoride Bulk Tanks are not acceptable.

B. PROJECT MANUAL

PART H – TECHNICAL SPECIFICATIONS:

INDEX OF DRAWINGS
Add: Figures SK-FP1 through SK-FP6 have been added with this addendum to include additional yard piping and details associated with the Fire Protection System.

DIVISION 1 – GENERAL REQUIREMENTS

SECTION 13219 – POLYETHYLENE STORAGE TANKS
Modify: The following text is modified in SECTION 13219 with this addendum.

1.02 QUALITY ASSURANCE

   B. 1. Material Testing: Material from each tank shall be tested for the following:
2. Following fabrication, the tanks, including factory applied inlet and outlet fittings, shall be hydraulically tested with water. The factory test shall compensate for the difference in specific gravity between the test water and chemical stored to simulate actual maximum operating pressures. Test methods may include adding a 2.5 psi air pad to a filled tank or filling the tank with standpipes, raising the maximum water surface approximately 5 feet higher than the normal maximum tank level. Test method shall be filling the tank full of water to maximum tank level and holding for a 60-minute period of time, which is in accordance with ASTM D1998.

1.03 SUBMITTALS

A. 4. Submit design calculations for structural design of walls, the design wall thickness with hoop stress calculated using 600-psi @ 100 degrees F per ASTM D1998.

B. 2. Approved Materials: All materials that come into contact with the water being treated or the finished water shall be on either the EPA or NSF lists of products approved for use in contact with potable water and potable water treatment chemicals.

2.02 MATERIALS AND EQUIPMENT

C. 1. c. The tank shall be provided with a solid polyethylene cover, integrally molded with the cylindrical wall or tank dome.

2. b. The tank shall be provided with a solid polyethylene cover, integrally molded with the cylindrical wall or tank dome.

3. b. The tank shall be provided with a solid polyethylene cover, integrally molded with the cylindrical wall or tank dome.

2.03 ACCESSORIES

A. 1. g. Each tank shall be provided with the following nozzles with the orientation as shown on the Drawings:

<table>
<thead>
<tr>
<th>Connection</th>
<th>Nozzle Size (Inches)</th>
<th>Location on Tank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride Bulk Tank</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fill</td>
<td>2</td>
<td>Top</td>
</tr>
<tr>
<td>Day Tank Fill/Drain</td>
<td>1</td>
<td>Side @ Bottom</td>
</tr>
<tr>
<td>Level Sensor</td>
<td>6</td>
<td>Top</td>
</tr>
<tr>
<td>Vent</td>
<td>3-6</td>
<td>Top</td>
</tr>
<tr>
<td>Fluoride Day Tank</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Fill  1  Top
Feed Pump Suction/Drain  1  Side @ Bottom
Vent  2  Top

**Sodium Hypochlorite Tank**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fill</td>
<td>2</td>
</tr>
<tr>
<td>Overflow</td>
<td>2.3</td>
</tr>
<tr>
<td>Feed Pump Suction/Drain</td>
<td>2</td>
</tr>
<tr>
<td>Level Sensor</td>
<td>6</td>
</tr>
<tr>
<td>Vent</td>
<td>3.6</td>
</tr>
</tbody>
</table>

Note: Vent and overflow pipe sizing are the suggested minimum but may be larger based on manufacturer requirements.

C. The Proposer shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the proposal.

D. All other terms and conditions of the IFB remain the same.

**Receipt acknowledged by:**

______________________________________   _______________________
Authorized Signature     Date Signed

______________________________________
Title

______________________________________
Name of Firm
EXISTING FACILITIES LEGEND:
1. CHLORINE ROOM
2. HIGH SERVICE PUMP BUILDING
3. GENERATOR ROOM
4. FLUORIDE BUILDING
5. CAUSTIC BUILDING (NOT IN USE)
6. DIESEL FUEL TANK

FIRE PROTECTION KEY NOTES:
1. POINT OF FIRE SERVICE
2. POINT OF CONNECTION WITH EXISTING 16" WM. PROVIDE TAPPING SLEEVE AS SHOWN ON CIVIL PLANS.
3. FIRE DEPARTMENT SIAMESE CONNECTION.
4. DOUBLE DETECTOR CHECK BACKFLOW ASSEMBLY, REFER TO CIVIL PLANS.
5. POST INDICATOR VALVE, REFER TO CIVIL PLANS.
6. REFER TO SHEET FP-101 FOR FIRE PROTECTION SYSTEM SERVING CHLORINE ROOM.
7. REFER TO SHEET FP-102 FOR FIRE PROTECTION SYSTEM SERVING FLUORIDE BUILDING.
EXISTING FACILITIES LEGEND:
1. ON SITE LIFT STATION
2. DRAINAGE STRUCTURE

FIRE PROTECTION KEY NOTES:
1. POINT OF FIRE SERVICE
2. POINT OF CONNECTION WITH EXISTING 12" WM. PROVIDE TAPPING SLEEVE AS SHOWN ON CIVIL PLANS.
3. FIRE DEPARTMENT SIAMESE CONNECTION.
4. DOUBLE DETECTOR CHECK BACKFLOW ASSEMBLY, REFER TO CIVIL PLANS.
5. REFER TO SHEET FP-201 FOR FIRE PROTECTION SYSTEM SERVING CHLORINE ROOM AND FLUORIDE ROOM.
6. POST INDICATOR VALVE, REFER TO CIVIL PLANS.

ORANGEWOOD WSF—FIRE PROTECTION SITE PLAN

1" = 20'-0"

DESIGN ENGINEER
ZEMP B. PEPPER, P.E.
FLA REGISTRATION No. 41147

AVCON, INC.
ENGINEERS & PLANNERS

PROJECT DATE: 5/31/16
DESIGNED BY: ZP
DRAWN BY: SE
CHECKED BY: ZP

REVISION: 1
BY: KD
DATE: 7/01/16

ORANGEWOOD WSF
FIRE PROTECTION SITE PLAN
SK-FP2
EXISTING FACILITIES LEGEND:
1. CHLORINE BUILDING
2. FLUORIDE BUILDING

FIRE PROTECTION KEY NOTES:
1. POINT OF FIRE SERVICE
2. POINT OF CONNECTION WITH EXISTING 24" WM. PROVIDE TAPPING SLEEVE AS SHOWN ON CIVIL PLANS.
3. FIRE DEPARTMENT SIAMESE CONNECTION.
4. DOUBLE DETECTOR CHECK BACKFLOW ASSEMBLY, REFER TO CIVIL PLANS.
5. POST INDICATOR VALVE, REFER TO CIVIL PLANS.
6. REFER TO SHEET FP-301 FOR FIRE PROTECTION SYSTEM SERVING CHLORINE ROOM.
7. REFER TO SHEET FP-302 FOR FIRE PROTECTION SYSTEM SERVING FLUORIDE BUILDING.
EXISTING FACILITIES LEGEND:
1. CHLORINE BUILDING
2. FLUORIDE BUILDING

FIRE PROTECTION KEY NOTES:
1. POINT OF FIRE SERVICE
2. POINT OF CONNECTION WITH EXISTING 16" WM. PROVIDE TAPPING SLEEVE AS SHOWN ON CIVIL PLANS.
3. FIRE DEPARTMENT SIAMESE CONNECTION.
4. DOUBLE DETECTOR CHECK BACKFLOW ASSEMBLY, REFER TO CIVIL PLANS.
5. POST INDICATOR VALVE, REFER TO CIVIL PLANS.
6. REFER TO SHEET FP-401 FOR FIRE PROTECTION SYSTEM SERVING CHLORINE ROOM.
7. REFER TO SHEET FP-402 FOR FIRE PROTECTION SYSTEM SERVING FLUORIDE BUILDING.

OAK MEADOWS WSF—FIRE PROTECTION SITE PLAN

1. EXIST FIRE HYDRANT
2. 4" PVC WM
3. 4" PVC WM
4. 4" PVC WM
5. FDC
6. FLOURIDE BUILDING
7. 4" DI WM

AVCON, INC.
ENGINEERS & PLANNERS

PROJECT DATE: 5/31/16
DESIGNED BY: ZP
DRAWN BY: SE
CHECKED BY: ZP

OAK MEADOWS WSF
FIRE PROTECTION SITE PLAN
SK-FP4

DESIGN ENGINEER
ZEMP B. PEPPER, P.E.

FLA REGISTRATION No.
41147
## PROJECT BUILDING INFORMATION

<table>
<thead>
<tr>
<th>SITE</th>
<th>CYPRESS WALK WSF</th>
<th>CYPRESS WALK WSF</th>
<th>ORANGE WOOD WSF</th>
<th>HUNTERS CREEK WSF</th>
<th>HUNTERS CREEK WSF</th>
<th>OAK MEADOWS WSF</th>
<th>OAK MEADOWS WSF</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUILDING</td>
<td>CHLORINE BUILDING</td>
<td>FLUORIDE BUILDING</td>
<td>COMBINED BUILDING</td>
<td>CHLORINE BUILDING</td>
<td>FLUORIDE BUILDING</td>
<td>CHLORINE BUILDING</td>
<td>FLUORIDE BUILDING</td>
</tr>
<tr>
<td>CONSTRUCTION TYPE</td>
<td>V</td>
<td>V</td>
<td>V</td>
<td>II</td>
<td>V</td>
<td>II</td>
<td>V</td>
</tr>
<tr>
<td>SPRINKLERED</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>FIRE ALARM</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>AREA (SF)</td>
<td>1800</td>
<td>210</td>
<td>1680</td>
<td>800</td>
<td>200</td>
<td>820</td>
<td>235</td>
</tr>
<tr>
<td>BUILDING HEIGHT (FT)</td>
<td>18</td>
<td>14</td>
<td>17</td>
<td>18</td>
<td>14</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>OCCUPANCY LOAD</td>
<td>300 SF/PERSON (6 PEOPLE)</td>
<td>300 SF/PERSON (1 PERSON)</td>
<td>300 SF/PERSON (6 PEOPLE)</td>
<td>300 SF/PERSON (3 PEOPLE)</td>
<td>300 SF/PERSON (1 PERSON)</td>
<td>300 SF/PERSON (3 PEOPLE)</td>
<td>300 SF/PERSON (1 PERSON)</td>
</tr>
</tbody>
</table>

*: FBC CHAPTER 10 - TABLE 1004.1.2 (EQUIPMENT ROOM)
SPRINKLER ZONE RISER DETAIL

NOTE: ALL SPECIAL TOOLS REQUIRED TO RESET THE SPRINKLER ALARMS SHALL BE PROVIDED.