ADDENDUM NO. 2 - FRIENDFIELD FIRE STATION (BID NO. 2-16/17)

Florence County is sending to all interested firms clarification information and answers to questions concerning this request for proposal. The answers are highlighted in blue and underlined. Please include this sheet with your proposal.

1. The Bid Documents state that a minimum Group 2 General Contractors license in the State of South Carolina is required to do this work. Per SCLLR, a Group 2 is only good to $100,000. Should this be a Group 3 instead (good for up to $350,000)? **A minimum Group 3 license shall be required to qualify for this bid.**

2. Is this a Normal or Essential building occupancy? **This building is classified as Risk IV (Essential occupancy).**

3. Is 26 ga liner panel allowed in lieu of 24 ga? **Yes, 26 gauge is acceptable.**

4. Is an expandable endwall required at column line 3 at A1.0? **No, we will use a standard endwall.**

5. On the riser diagram it shows (2)4-350KCMIL, 3-1/2”C, this is typical of a 600A 3 phase service. The disconnect transfer switch and panel A are all single phase 200 Amp. Can we get clarification as to if this is an error? **Yes, this was an error, and it is corrected in the updated plans. The service is 200 Amp single phase.**

We have attached a new set of Civil/Architectural drawings, which encompass comments from SCDOT, SCDHEC and Florence County. The revisions are clouded. A summary follows:

- **Sheet A3.0** The elevations of the exterior lights are shown. This includes light OB for the flagpole illumination. Light OB for the sign was switched from a ground to a wall mount.

- **Sheet A4.0** The colors are specified for walls and doors.
Sheet A6.0 The insulation on the ceiling and walls above the liner panel will be 4” R11 white vinyl-faced insulation.

Sheet C2.0 Added more gravel to allow the fire trucks to turn around without entering the road.

Added striping, stop bar and stop sign (yes, a stop sign) to apron.

Sheet C3.0 The driveway culvert has been revised from a Class III 18” RCP to a Class V 15” RCP. Note the beveled ends per SCDOT specifications.

Sheet C8.0 NEW SHEET.

Mostly DOT standard drawings, plus more info on the driveway pipe.

Sheet P1.0 Exterior hose bibb HB1 shall be keyless & frostless.

Sheet P2.0 Pex type cold water pipe is allowed below the slab.

On hose bibs protruding from behind the metal wall liners, the shut-off valve is set above the liner for easier access.

Sheet M1.0 On the Fan Schedule, Fan-3 (the bathroom exhaust fan) will be keyed into the light switch (not Fans 1 & 2).

Sheet M2.0 To avoid a conflict with the overhead doors, IFH-1 was shifted.

The gas line was extended; the control box is on the north side of the IFH.

Sheet M3.0 Added minimum clearances for the IFH-1 unit.

Sheet E1.0 Added missing information for the wall heaters, EWH-1 and EWH-2.

Sheet E2.0 Lights HB-1 will be surface mounted to avoid conflicts with IFH-1 and the overhead doors.

The OB lights will have different mounts:

The flagpole light will be ground mounted.

The sign light will be wall mounted.

BX Cabling is allowed as an alternate to conduit.

Sheet E3.0 Corrected the service lines per Item 5 above.

Sheet E4.0 Moved the junction box on IFH-1 to the front of the building.

Shifted HB-1 lights to avoid conflicts with IFH-1 & the overhead doors.

Added locations of the OB lights (outdoor spotlights).
YOU MUST ACKNOWLEDGE THIS ADDENDUM BY SIGNING BELOW AND SUBMIT IT WITH YOUR BID.

I have read and acknowledge pages 1, 2, and 3 of addendum no. 2 for bid no. 02-16/17.

________________________________________  ______________________________________  ____________
Authorized Signature                           Printed Name                               Date

___________________________________________________________________
Company Name
CONSTRUCTION PLANS
FOR:
HANNAH-SALEM-FRIENDFIELD
FIRE DEPARTMENT
NEW STATION AT FRIENDFIELD

Capital Project Sales Tax II
Florence County, South Carolina

PROJECT No. AE055      April, 2016

INDEX TO DRAWINGS:

SHEET No.    SHEET TITLE
ARCHITECTURAL
A01       FLOOR PLANS & NOTES
A02       INDIRECT CEILING & ROOF PLAN
A03       SCAFFOLDING PLANS
A04       DETAILS & SCHEDULES
A05       SECTION
A06       WALL SECTIONS

Civil
C11       EXISTING SITE CONDITIONS
C12       SITE DEVELOPMENT PLANS

PLUMBING
P1.0       PLUMBING NOTES
P2.0       PLUMBING PLANS
P3.0       PLUMBING DETAILS

MECHANICAL
M1.0       MECHANICAL NOTES
M2.0       MECHANICAL PLANS

ELECTRICAL
E1.0       ELECTRICAL NOTES
E2.0       ELECTRICAL PLANS

NOTES:
CONTRACTOR MUST NOTIFY THE
ENGINEER AND APPROPRIATE DCC
DISTRICT OFFICE PRIOR TO
STARTING ANY LAND CLEARING
ACTIVITY. THE ADDRESS AND
TELEPHONE NUMBERS FOR THE
APPROPRIATE DCC DISTRICT
OFFICE CAN BE FOUND ON THE
APPROPRIATE SC OSMOWARDEN
PERM APPROVAL LETTER.
WALL SECTION @ BAY 5
SCALE: 1/8"=1'-0"

WALL SECTION @ RESTROOM 4
SCALE: 1/8"=1'-0"
<table>
<thead>
<tr>
<th>LIGHT FIXTURE SCHEDULE</th>
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<tbody>
<tr>
<td><strong>ITEM</strong></td>
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**LIGHTING (SEE FIXTURE SCH.)**

- **FLUORESCENT LIGHT Fixtures:** The fixture schedule includes a large number of fluorescent lights. These lights are designed to provide uniform illumination in various areas. Each fluorescent light is furnished with a fixture, which includes the ballast and the lamp. The fixture size and type are specified in the schedule.

- **INTEGRATED FIXTURES:** These fixtures are integrated into the luminaire, providing both the light source and the fixture in a single unit. The fixture schedule includes a variety of integrated fixtures, each designed for specific applications.

- **INTERIOR LIGHTING:** The lighting system includes both overhead and wall fixtures, designed to provide adequate illumination for interior spaces. The fixture schedule details the type of lighting and the number of each type to be furnished.

- **EXTENSION SOCKET:** Extension sockets are provided in the schedule, allowing for flexibility in electrical connections. Each extension socket is furnished with the necessary components to ensure proper installation.

- **EXTENSION CORDS:** Extension cords are specified in the schedule, providing additional power sources for areas where fixed power outlets are not available. The cords are furnished with the necessary connectors and are designed for use in various environments.

- **FLOODLIGHT:** Floodlights are included in the fixture schedule, designed for use in areas where wide coverage of light is required. Each floodlight is furnished with the necessary components to ensure proper illumination.

- **SHELVING:** Shelving units are specified in the schedule, providing storage and display options for various areas. The units are furnished with the necessary components to ensure proper installation.

- **COMMERCIAL DORSAL BRACE:** Dorsal braces are provided in the schedule, designed to support and stabilize commercial projects. Each brace is furnished with the necessary components to ensure proper installation.

- **BATTERY收費:** Batteries are included in the schedule, providing power for various systems. Each battery is furnished with the necessary components to ensure proper installation.

- **WALL MOUNTED BATTERY:** Wall-mounted batteries are specified in the schedule, designed for use in areas where space is limited. Each battery is furnished with the necessary components to ensure proper installation.

- **EMERGENCY LIGHT Fixtures:** Emergency lights are included in the schedule, designed to provide illumination in case of power outages. Each emergency light is furnished with the necessary components to ensure proper installation.

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**EQUIVALENT MANUFACTURERS LISTING**

NOTES:
- **Manufacturers** are listed in alphabetical order.
- **Symbols** indicate the location of the manufacturer's literature.
- **Contact Information** is provided for each manufacturer.

**FAN SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Location</th>
<th>DIA</th>
<th>CFM</th>
<th>HP</th>
<th>VCF</th>
<th>VAV</th>
<th>VA</th>
<th>Enclosure</th>
<th>Blower Type</th>
<th>Duct Type</th>
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**INFRARED RADIANT HEATER SCHEDULE**

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**INTERNATIONAL ENERGY CONSERVATION CODE**

**MECHANICAL SYSTEMS**

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<th>Component</th>
<th>Rating</th>
<th>Requirement</th>
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**VENTILATION CALCULATIONS (IMC 2012, SECT 403):**

**COOLING LOAD**

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<tr>
<th>Zone</th>
<th>Space</th>
<th>Equipment</th>
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**MECHANICAL LEGEND**

- **Duct**
- **Valve**
- **Furnace**
- **Chimney**
- **Controller**
- **Humidifier**
- **Dampers**
### PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>PANEL</th>
<th>DESCRIPTION</th>
<th>LOCATION</th>
<th>FIXTURES</th>
<th>COMMENTS</th>
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<td>TUB/SHOWER</td>
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**NOTES:**
- All fixtures and equipment shall be installed in accordance with the manufacturer's recommendations and specifications.
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