



ADDENDUM NO. FIVE

30 MARCH 2020

**PROJECT TITLE: JACKSONVILLE STATION
1300 NORTH MARINE BOULEVARD/HWY 17 NORTH
JACKSONVILLE, NORTH CAROLINA
JACKSONVILLE PROJECT NO. BP19-00002283
HRA COMMISSION #189518.00**

ADDENDUM:

I. Contents of this addendum are to be part of the overall Bid Documents

II. Project Bid Date: **3 PM THURSDAY, 9 APRIL 2020**

A. BID OPENING:

- North Carolina law requires that formal bids be opened publicly and read aloud on the bid due date and time as stated in the advertisement. It also does not allow for the receipt of electronic bids for construction and repair work.
- As a safety precaution, we have moved the meeting location of where bids will be due at 804 New Bridge Street, which is located across the street from City Hall. Bids are still due on April 9, 2020 at 3PM. The building will be opened at 2:30 PM to allow for the receipt of bids.
- This allows the City to still conduct a public bid opening in a larger space to maintain the recommended social distancing as a result of COVID-19. We are asking for those who want to attend the bid opening to limit the number of people who will be physically in the building for everyone's health and safety.

B. The last day to submit a RFI is Monday, 30th of March which would allow a final addendum if needed to be issued no later than Wednesday, 1st of April. As of this date there are no plans to change the bid date due to the current issues and governmental restrictions

III. Prospective Bidder Questions.

1. Spec Section 16101 Electrical Distribution
Part 2 Products
2.5 Optional Installations.
2.5.1 Voice and Data Cabling: Install Owner furnished cable where shown on drawings. (Section 16721)
2.5.2 CATV: Install Owner furnished cable where shown on drawings. (Section 16720)
2.5.3 Telephone: Install Owner furnished cable where shown on drawings. (Section 16720)

Who is to provide the cabling, faceplates, etc.?

Response:

All IT/Tel boxes/conduits as shown on the drawings shall be furnished and installed by the Contractor/Electrical Subcontractor. All associated wiring including connections/faceplates will be furnished and installed by City vendor under a separate contract.

2. Spec Section 16720
Part 1 General
1.1 Summary
1.1.1 Provide all labor, Materials, and equipment to furnish and properly install all raceways, mounting boards wiring, and outlets for CATV and Telephone Service as shown on the drawings.

Is it an option for the contractor to install or is it a requirement?

Response:

All IT/Tel boxes/conduits as shown on the drawings shall be furnished and installed by the Contractor/Electrical Subcontractor. All associated wiring including connections/faceplates will be furnished and installed by City vendor under a separate contract.

All Card Reader/Access boxes and conduits including electric strikes (door hardware) as shown on the drawings shall be furnished/installed by the Contractor/Electrical Subcontractor. All associated control wiring/connections will be furnished and installed by City vendor under a separate contract.

All Security equipment/wiring will be furnished and installed by City vendor under separate contract.

3. There is no Section 16721

Where is Section 16721?

Response:

There is no Fire Alarm System required for the project. There is NO Fire Alarm/Section 16721.

4. Addendum 2

Electrical

3. Add breakers and conduit out to parking lot (last (2) parking spaces and southwest corner of the Transportation Wing near standby generator).

Coordinate and include owner furnished car chargers.

What size breakers?

What size wire and conduit?

What panel are these to be fed from?

What is the circuit designation?

If EC is to install owner furnished car chargers, where are cut sheets to ID what is to be installed?

Response:

All of the necessary EV charger information is included on drawing #E4.2, Panel H2M schedule including the notes below the panel.

5. Drawing E0.1

General Electric Notes

9. Type MC and AC cable may be used where permissible by NEC. Type NM or SER cable shall not be used.

Spec Section 16101 Electrical Distribution

Part 2 Products

2.3.1.2 Nonmetallic shielded cable (NM, Romex) shall be permitted as indicated on the drawings

No mention of MC cable in specs

Is MC cable allowed?

Is NM cable allowed?

Does all wiring have to be in conduit?

Response:

NM cable shall not be used for this project.

All wiring shall be in conduit as indicated in General Note #9 on sheet E0.1

MC Cable is permitted to be used in accordance with NEC 330

If MC Cable is used, conduit may be forgone.

Note: As noted on the drawings AL/Aluminum wire is prohibited in the main service and all branch wiring.

6. Refer to detail 1/A6.1. Please confirm that the Thermax system is to serve as the sheathing, insulation, and moisture barrier and that no additional sheathing or moisture barrier will be required for the exterior wall.

Response:

As per wall section detail drawing #1/A6.1, 1" C.I. Insulated (R6.5) Sheathing Board/Air infiltration Barrier (Equivalent to the Dow Chemical Co./Thermax with joints taped/sealed in accordance with 2018 NCECC table C402.1.3 Building Envelope Requirements (R-7.5: Metal Framed walls above grade/climate zone-3) shall serve as the sheathing, insulation and moisture barrier. No additional sheathing or moisture barrier required.

7. On sheet A9.3 – Room Finish Schedule, Room 114 shows carpet for floor material but the color callout is polished concrete. Please advise which material should be used for Hall 114.

Response:

Room #114/Hall Floor Finish Color "CONC-1" is incorrect,
Revise Room #114/Hall Floor Finish Color to be #CPT-1

8. Both alternates 6 and 7 call for all electrical power and lighting conduit to be included in the base bid and the wiring to be in the alternate. Should the alternates also include providing and installation of the fixtures and devices?
Also, should the alternate include the (2) 2" data conduits?

Response:

All underground conduits (2-2") to Bus Island are part of Base Bid. Fixtures/wiring are part of overall Bus Canopy Alternates No. Six/Seven.

9. Are there any specifications for the generator other than what is on sheet E4.1?

Response:

Generator information is shown on drawing #E4.1.

10. In the specs it states the EC is to provide the installation of owner provided cable for CATV and telecommunication system but it does not provide cable type or how many. Should we provide raceway only?

Response:

All IT/Tel boxes/conduits as shown on the drawings shall be furnished and installed by the Contractor/Electrical Subcontractor. All associated wiring including connections/faceplates will be furnished and installed by City vendor under a separate contract.

All Card Reader/Access boxes and conduits including electric strikes (door hardware) as shown on the drawings shall be furnished/installed by the Contractor/Electrical Subcontractor. All associated control wiring/connections will be furnished and installed by City vendor under a separate contract.

All Security equipment/wiring will be furnished and installed by City vendor under separate contract.

11. Also, in the specs it states the EC is to provide complete installation of door monitoring and alarm system including wire/conduit detectors and alarm panels but it doesn't provide specs on these items. The drawings call for us to provide raceway only and the wiring is to be done by city vendor under separate contract. Which is correct?

Response:

All Card Reader/Access boxes and conduits including electric strikes (door hardware) as shown on the drawings shall be furnished/installed by the Contractor/Electrical Subcontractor. All associated control wiring/connections will be furnished and installed by City vendor under a separate contract.

DRAWINGS/SPECIFICATION:

Drawings/Specification – Owner furnished equipment / labor as follows:

1. All IT/Tel boxes/conduits as shown on the drawings shall be furnished and installed by the Contractor/Electrical Subcontractor. All associated wiring including connections/faceplates will be furnished and installed by City vendor under a separate contract.
2. All Card Reader/Access boxes and conduits including electric strikes (door hardware) as shown on the drawings shall be furnished/installed by the Contractor/Electrical Subcontractor. All associated control wiring/connections will be furnished and installed by City vendor under a separate contract.
3. All Security equipment/wiring will be furnished and installed by City vendor under separate contract.

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