

Jones County School System
Electronic Request for Quote (“eRFQ”)
Event Name: JCHS Electrical
eRFQ (Event) Number: 19-35

Date: 5/1/2019

There were no questions submitted for this bid.

Jones County High School

Electrical Upgrades for Achievement Academy

Modified April 25, 2019

The electrical panel for this building is a GE A Series Cat. #AQF3422ATX AXS5; 225AMP; 3PH/4Wire. This panel is indicated on the drawing and has adequate space for additional circuits.

1. Provide eight 4" pan mold drops for data/power, as shown in the classroom as indicated at the locations marked C. These drops should extend from ceiling, down the wall to a point 36" from finished floor.
2. Install one duplex receptacle in the lower most section of each of these 8 drops with each being on a separate circuit. Provide cover plates for **data side** with each having access for 4 data ports.
3. Provide four 4" pan mold drops for data only at locations marked D
4. Install one 4" pan mold drops to a point 36" from finished floor, **at location marked T**, with **two duplex** receptacles in the lowest section **and covers capable of having 4 data ports on data side**. **One additional drop of this same nature will be added at a point 7' from finished floor at the location marked M.**

Notes:

- i. Pan mold should provide for proper separation between low and high voltage wiring.
- ii. Each drop should have a separate circuit (one circuit each at T and M).
- iii. All circuits should be ran out of #12 wire**

Jones County High School

Electrical Upgrades for Gym Weight Training

Modified April 25, 2019

The site map shows a drawing of the space to be used for weight training in the gym.

1. Provide 10 single receptacles as indicated at the locations marked C. These receptacles should be at a height of 10' from finished floor. (5 circuits)
2. At the location of each of the receptacles listed above, you shall securely mount fans, provided by owner. (for use with 120v fans at 1.8 amp 200w each)
3. Provide 5 quad receptacles at locations marked D. These receptacles should be at a height of 18" above finished floor and can be directly below the receptacles above but should be divided up between 3 separate circuits.
4. All circuitry should be ran in ½" EMT, securely fastened to the wall. Use appropriate conduit to route circuitry from panel, through concrete floor, to the room to be served.

Notes:

- i. Additional circuits shall be wired from the Panel LH located on the first floor at location indicated on the drawing.
- ii. **DELETE this note** Each AC power location should have a separate circuit.
- iii. **All circuits should be ran out of #12 wire**

Jones County High School

Electrical Upgrades Two IT Labs

Modified April 25, 2019

This site map shows the original circuits for convenient outlets in this space. These labs are located on the southwest side of the main building, the first two classrooms on the left.

1. Provide eight 4" pan mold drops for data/power, as shown in the classroom as indicated at the locations marked C. These drops should extend from ceiling, down the wall to a point 18" from finished floor.
2. Install one duplex receptacle in the lower most section of each of these 8 drops with each being on a separate circuit. Provide cover plates for receptacle with each having access for 4 data ports.
3. Install one 4" pan mold drops to a point 36" from finished floor, at location marked T, with two duplex receptacles in the lowest section and covers capable of having 4 data ports on data side. One additional drop of this same nature will be added at a point 7' from finished floor at the location marked M.

Notes:

- i. Pan mold should provide for proper separation between low and high voltage wiring.
- ii. Additional circuits will be wired from the Panel LF5 located approx. 30 feet east of these labs.
- iii. Locations marked C may be ran horizontally, where possible, with each designated location having a separate circuit.
- iv. Care should be taken not to destroy ceiling grids and ceiling.
- v. **All circuits should be ran out of #12 wire**

Jones County High School

Electrical Upgrades Media Center

Modified April 25, 2019

This site map shows the original circuits for convenient outlets in this space. Drawing is at 1/8" scale however field location should be properly verified.

1. Provide an electrical power only, as indicated at the locations marked C, **within the Media Center**. This drop should extend from ceiling, down the wall to a point 18" from finished floor, within the adjoining room to prevent exposed conduit within the Media Center.

2. In the room-marked **storage** there are 10 locations marked C. There needs to be 10 dedicated **single** convenient outlets in these approx. locations for charging computer carts that draw 12 amps each. **(no data is required in these areas)** Wire mold or pan mold is the owner's choice for raceway. This need may be met at the discretion of the contractor as long as it meets State Electrical Code.

3. Install three power/data poles at each location marked CP. **These poles may be on the same circuit with one duplex receptacle in the lower most section of this drop.** **These power/data poles will provide access for 4 data ports in the low voltage side.**

Notes:

i. Pan mold and Data Polls should provide for proper separation between low and high voltage wiring.

ii. Additional circuits will be wired from a panel which has been added to Panel LC, located approx. 40' northwest of this location. Panel LC3 may also be used for additional circuits. **(the first panel mentioned will have the 21st Century Lab panel removed from it leaving ample circuits (13) for use in this scope.)**

iii. Care should be taken not to damage/destroy ceiling grids and ceiling.

iv. All circuits should be ran out of #12 wire

Jones County High School

Electrical Upgrades for 21st Century Lab

Modified April 25, 2019

This site map shows the original circuits for convenient outlets in this space.

1. Remove the existing cabinet that controlled theatrical lighting for this lab, leaving the panel associated with it. (power to this 100 amp panel is currently wired from the panel associated with LC (Media Center). Remove the 100 amp breaker and transfer this power supply to panel LE (shown on site plan)
2. Provide eight 4" pan mold drops for data/power, as shown in the classroom as indicated at the locations marked C. These drops should extend from ceiling, down the wall to a point 18" from finished floor.
3. Install one duplex receptacle in the lower most section of each of these 8 drops with each being on a separate circuit. Provide cover plates for receptacle with each having access for 4 data ports.
4. Install one 4" pan mold drops to a point 36" from finished floor, at location marked T, with two duplex receptacles in the lowest section and covers capable of having 4 data ports on data side. One additional drop of this same nature will be added at a point 7' from finished floor at the location marked M.

Notes:

- i. Pan mold should provide for proper separation between low and high voltage wiring.
- ii. Additional circuits will be wired from the panel associated with the dimmer cabinet.
- iii. Care should be taken not to destroy ceiling grids and ceiling.
- iv. Locations marked C may be ran horizontally, where possible, with each designated location having a separate circuit.
- v. **All circuits should be ran out of #12 wire**

Jones County High School

Electrical Upgrades for Marketing Lab

Modified April 25, 2019

This space, as it currently appears is shown in Exhibit 1 and details the original convenient outlet circuitry. Exhibit 2 shows the same space as it will appear when completed. Please refer to these drawings as defined in this scope of work

1. Demolition: (This work will need to take place at the beginning of the project. **Remove the following sentence. There will be a time lapse between this work and new installation.**)

a. remove all existing pan mold and associated data/electrical wiring that has been added since the original construction of the existing classroom. (exhibit 1)

b. remove all existing line voltage wiring shown in highlighted wall (shown in exhibit 1) and utilize this circuit in new work. Outlets located on the east and west wall of this room will be rewired during new construction.

c. remove light switches in demo wall and tie these circuits in with existing lights in adjoining space. (see location S on exhibit 2)

2. New installation:

a. provide eight 4" pan mold drops for data/power, as shown in the classroom(exhibit2) with each drop being on a separate circuit. Each drop should extend from ceiling, down the wall to a point 18" from finished floor.

b. install one duplex receptacle in the lower most section of each of these 8 drops providing cover plates for receptacle with each having access for 4 data ports.

c. install two 4" pan mold drops to a point 36" from finished floor, with one quad receptacle in the lowest section. One drop will be located at teacher's station (marked T in exhibit 2) and the other at monitor location (marked M in exhibit 2).

d. provide one double switch location for all lights in classroom as shown in exhibit 2.

e. Two power/data poles were omitted from the site plan, please plan on including these poles in your scope of work with locations being field determined.