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Addendum 05

Webb Community Correctional Center – Fire Alarm Replacement & Electrical Modifications
OMB/DFM/DOC Contract No: MC3804000054

Tt Project No. 200-26912-13019

Addendum No. 5
to
Drawings and Project Manual
May 12, 2014

To: ALL BIDDERS

This ADDENDUM forms a part of the BIDDING AND CONTRACT DOCUMENTS and modifies the following documents:

- Original DRAWINGS dated April 4, 2014,
- PROJECT MANUAL dated April 4, 2014, and
- Addendum No. 1 dated April 14, 2014
- Addendum No. 2 dated May 2, 2014
- Addendum No. 3 dated May 5, 2014
- Addendum No. 4 dated May 6, 2014

Acknowledge receipt of the ADDENDUM in the space provided on the FORM OF PROPOSAL

This ADDENDUM consists of four (4) pages and attachments.

CHANGES TO DRAWINGS

5.1 Sheet ES-101 Electrical Site Plan

1. Along the run of the existing overhead electrical service to be removed under Alternate No. 1, **ADD** Removal Work No. 7 to the run.
2. **DELETE** Service Entrance Detail 2 and **REPLACE** with Revised Service Entrance Detail 2 as indicated on SK-ES101.1 Alternate No. 1.

5.2 Sheet FA-101

1. Removal Work Notes
 - A. **ADD** the words “Base Bid” to the title for Removal Notes 1, 2, 3 & 4.
 - B. **ADD** the following Base Bid - Removal Work Notes in their entirety:

- “3. Disconnect and remove the existing wood cabinet at the FACP in its entirety.
4. Disconnect and remove the damaged Main Breaker and Service wire and prepare area for new wiring.”

C. **ADD** the following title in its entirety: “Removal Work Notes – Alternate No. 1”

D. **ADD** the following Removal Work Notes applicable to Alternate No. 1 in their entirety.

“5. Disconnect and remove panel MDP in its entirety and prepare the area for the installation of a New Panel.

6. Disconnect the conduit and remove the feeder serving Panel DP and prepare the conduit for reconnection to the new MDP.

7. Disconnect and remove the incoming service conduit, wire and meter in their entirety. Contractor shall coordinate with the Utility Company to disconnect and remove the existing aerial service wiring and attachments from the building. Patch all holes in the exterior brick due to this removal work. Match existing.

E. Lower Level Removal Work Plan

1. Starting with Plan North, show the existing Electrical Service from the northeast corner traveling west to the Closet. This feeder shall be removed in its entirety under Alternate No. 1. **ADD** Removal Work Note #7 along this run.

F. **ADD** Sketch SK-FA-101.1 Base Bid in its entirety. This sketch supersedes the Electrical Service Base Bid Removal Work shown on the drawings.

G. **ADD** Sketch SK-FA101.2 Alternate No. 1 in its entirety. This sketch supersedes the Electrical Services Removal Work to be performed under Alternate No. 1.

5.3 Sheet FA-102

1. Lower Level New Work Plan #1

A. **DELETE** Electrical Work in Closet and **REPLACE** with Sketch SK-FA-102.1 Base Bid attached to this addendum indicating the Base Bid Electrical Work.

B. **ADD** Sketch SK-FA102.2 Alternate No. 1 attached to this addendum clarifying the Electrical Service & Panel Work to be performed under Alternate No. 1.

C. New Work Notes

1. **ADD** “Base Bid” to the title.

2. **ADD** the following Base Bid New Work Notes in their entirety:

“12. Intercept the service conduit and wiring and provide a 400 amp, single phase breaker enclosure for existing panel MDP. Provide lugs on the bus bars of Panel MDP and provide a blank metal plate to cover the old breaker opening.

13. Contractor shall coordinate with the Utility Company for all power energizing / de-energizing as part of this work.

14. Provide new 7’0” x 3’0” Hollow-Metal Door, Frame and Hardware complete. Coordinate Non-Security Lockset with Maintenance during construction.”

3. **REVISE** New Work Note #2 to read as follows:
 - “2. Provide key activated and lockable detention-style Fire Alarm Pull Station. Model Number RMS-1T-KL or approved equal.
4. **DELETE** New Work Note #3 in its entirety and **REPLACE** with the following:
 - “3. Provide a single phase TVSS to serve existing Panel MDP. Refer to the Panel Schedule changes relocating circuits for the TVSS issued under this Addendum.”

D. **ADD** the following to title in its entirety, “New Work Notes – Alternate No. 1.

E. **ADD** the following New Work Notes applicable to Alternate No. 1 in their entirety.

- “15. Provide a 400 Amp 3 Phase, 4 Wire Main Breaker Panel, see Panel Schedule for additional information.
16. Provide a 200 Amp 3 Phase, 4 Wire Main Lug Panel, see Panel Schedule for additional information.
17. Provide New Conduit and Wiring to Existing Panel DP, wire For Complete Operation.
18. Provide a 3-Phase TVSS Unit; Wiring shall be kept as short as possible.
19. Base Bid New Work Notes #5 and #8 will change and the Circuits shall be served from new Panel RP.
20. Relocate 15 Single Pole Circuits from Panel MDP to Panel RP, see Panel Schedules.
21. Provide a Temporary 125kw Generator to power existing Panel DP and New Panel RP during the service change. The contractor will be responsible to relocate Critical Circuits to the Temporary Emergency Generator as part of this work.

Critical Circuits Include But Are Not Limited To:

- A. Interior Lighting Circuits
- B. Fire Alarm Circuit
- C. Tele and Data Circuits
- D. Domestic Water Booster Pumps
- E. Escape Siren”

5.4 **ADD** the following Sketches:

1. **ADD** Sketch FA-701.1 New Panel MDP Schedule under Alternate No. 1.
2. **ADD** Sketch FA-701.2 New Panel RP Schedule under Alternate No. 1.
3. **ADD** Sketch FA-701.3 Feeder Schedule

CLARIFICATIONS/RFI'S

5.5 ShellySons Electrical, LLC email dated May 5, 2014

- A. Drawing FA-601 shows the existing 400amp MDP to be 120/240 volt single phase 3-wire. Addendum 3 changes to the drawings, calls for (4) 600MCM /w ground. Is existing MDP 3phase?

Response: No, the existing MDP is single phase. A 3-phase service e is being brought in under Alternate No. 1. Refer to the attached, sketches and further direction included in this addendum.

- B. How are we metering the new service?

Response: Direction regarding location will come from the Utility Company. Contractors to include enough time in their bids for installation of a Utility furnished Meter.

- C. Please clarify if the new service will remain 3 phase, also with the existing service being 120 / 240v and the new 3-phase service being 120 / 208v is there any concern for existing equipment in the building such as HVAC.

Response: The new service will remain 3-phase. At this point there are no concerns regarding the HVAC equipment.

END OF ADDENDUM 05

Attachments: Sketch SK-ES101.1
Sketch FA-101.1
Sketch FA-101.2
Sketch FA-102.1
Sketch FA-102.2
Sketch FA-701.1
Sketch FA-701.2
Sketch FA-701.3

DRAWINGS REDACTED