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February 13, 2019

City of Hattiesburg

RE: Hattiesburg Public Safety Complex

ATTN: City of Hattiesburg Administration

Dear City:

Please accept this letter as Hanco Corporation's proposal to value engineer bid proposal dated January 3, 2019. The following is a list of items proposed to reduce bid price to a lump sum amount of \$26,500,000.00. All of these items have been previously discussed with city representatives in our value engineering meetings.

1. Contract time will be extended to 1080 days. Omit liquidated damages from contract documents.
2. The City of Hattiesburg will provide all third-party special inspectors per the I.B.C.
3. The contract amount for Hardware Allowance is \$150,000.00 only. The City must acknowledge that they are responsible for the entire acoustical systems, sound panels and audio visual, which are all necessary for the function of the court room. audio visual, crime scene lab, light fixture, stained glass, toilet accessories and stained glass lettering allowances are removed from the contract.
4. City will pay for all construction power.
5. City will pay for all water, water taps, sewer and sewer taps.
6. Delete mock ups from contract. Mock ups will be done in place with quality control by Contractor, Architect and Envelope Specialists.
7. Fence Changes:
 - a. 16' Aluminum track gates change to 16' pipe cantilever gates.
 - b. Max 2200 D.C. Swing Gate Operator. Change Max 2200 D.C. Slide Operator.
8. Parking striping to standard paint in lieu of thermoplastic paint specified.

9. Structural Steel Changes:

- a. Delete bollard covers. Bollards will be standard paint.
- b. Delete supports for smoke evacuation system, which is omitted.
- c. Lower parapet wall on east, north and south as much as possible.
- d. If possible, simplify steel railing from what is shown; this must be approved by architect.

10. Remove the third-floor pedestrian bridge as approved by the City of Hattiesburg Code Official. Official ruled this will not result in a dead-end corridor as described by the I.B.C.

11. Omit the building smoke evacuation system as per the approval of the City of Hattiesburg Code Official.

12. Millwork Changes:

- a. Delete references to wood on walls of elevator shaft. This wall will be painted gypsum board.
- b. Delete all formica wall and metal ceiling panels. All walls will be painted gypsum and ceiling will be acoustical 2'x2'.
- c. Change all quartz tops to formica tops. Owner must acknowledge that the formica tops are not as durable as quartz and they do have a tendency to chip.
- d. All cabinets to be formica covered standard.

13. Delete isocolylene insulation from contract. All insulation will be standard fiberglass.

14. Delete references to paint in contract for mechanical room penthouse floor. Floor to be sealed with penetrating sealer.

15. Change fire proofing sprayed on application over sally port ceiling to another system which will still provide a 1-hour fire rating on the steel beams and metal deck.

16. Glass & Aluminum framing changes:

- a. Delete references in contract with regards to high impact. All framing and glass to be standard aluminum and glass as approved by the City of Hattiesburg Code Official.
- b. Delete or change all interior and exterior elevations of glass and framing system to revised elevations in drawings (to be provided by Architect). This change will affect most all of the exterior curtain wall system as well as interior storefront systems. A substantial amount of glass and aluminum framing will be deleted from project.

17. Metal Stud Framing/Gypsum Board/Acoustical Ceilings:
 - a. Omit reveals except expansion joints, specialty ceilings and formica wall coverings.
 - b. All exterior walls and interior partitions will be standard metal framing, 5/8" gypsum board and acoustical insulation.
 - c. All interior ceilings are to be standard 2' x 2' acoustical flat ceilings. Delete all special ceilings.
 - d. Delete all reveal moldings in gypsum board.
18. Plastering:
 - a. Delete interior plastering in Historic Building except where it is economical.
19. Flooring & Ceramic Tile Changes:
 - a. All flooring in new public safety building will be LVT and/or carpeting. LVT will be a medium grade #2 tile and the carpet will have a \$25/yd allowance. Owner acknowledges that changing to LVT in the lobby will create noise issues.
 - b. Remove all ceramic or porcelain wall tile and floor tile except the public bathroom floors and 4-foot wainscot on the wet wall of the public restrooms. All remaining walls will be epoxy paint on water proof gypsum board.
20. General Contractor will have option to restore terrazzo in Historic Building or cover it. Omit terrazzo in new public safety building. Stair tread will be either solid wood or concrete pans that Contractor will select based on Architect's recommendation to meet I.B.C.
21. Omit signage from contract. Owner will supply and install all signage.
22. Change all toilet partitions to a standard plastic-type partition.
23. Omit evidence lockers from contract. Owner acknowledges that they will supply And install the evidence lockers to meet the building program.
24. Omit compact evidence shelving. Owner acknowledges that they will supply and install to meet the building program.
25. Mechanical Changes: (see attached letter from Pat L. McKenzie, Inc.)
26. The mechanical system controls will be provided by the City of Hattiesburg. The City will bid controls out and the Contractor will coordinate installation.
27. Electrical Changes:
 - a. All V.E. items per Chain Electric (see attached Chain Electric Value Engineering letter)

28. Omit wall guards.
29. Grass sod will be furnished and installed by the City of Hattiesburg.
30. All grassing, landscaping, irrigation and irrigation sleeves will be installed by the City of Hattiesburg.
31. Delete all cast iron downspout boots.
32. Delete freight elevator. All shafts will be installed for future install.
33. Change detention security doors to 12 ga security hollow metal frames and 12 ga metal doors as approved by the Hattiesburg Police.
34. The City of Hattiesburg Code Official ruled the drawing modifications required for all Of the above cuts can be produced as the project moves forward.
35. Omit all concrete sidewalks, concrete curbs and gutters, and all site work concrete on North side of Historic Building. City will construct this area in future Memorial Design or under their present site work contract.
36. Omit stamped concrete from site design.
37. Omit (2) Lighted flag poles and concrete surrounds on North side of Historic Building.

It is Hanco Corporation's intent to construct this building and go through the building process without any change orders. Hanco Corporation will diligently work with City representatives as well as design professional representatives to avoid potential change orders.

Additional added scopes of work or unforeseen conditions or covered conditions that affect cost will have to be addressed if and when they are possibly encountered.

Hanco Corporation requires the right to sign off on and approve all revised architectural drawings generated to clarify value engineered items.

Sincerely,
Hanco Corporation



Chris Hudson



P.O. Box 278 Ellisville, MS 39437

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February 11, 2019

Certificate of Responsibility #03558-MC

To: Hanco Corporation

Project: Public Safety Complex
Hattiesburg, MS
Division 22 - Plumbing
Division 23 - HVAC

Gentlemen:

We offer the following value engineering items for the above project for a price reduction

1. Change Sanitary and Storm Drain Piping from Cast Iron to PVC-DWV (With Firewrap Where Required)
2. Change Condensate Drain Piping from Copper DWV to PVC-DWV
3. Change Domestic Water Piping from Copper to Aquatherm & PEX
4. Change Chilled Water Piping to Aquatherm
5. Change Heating Water Piping to Aquatherm
6. Pipe Insulation Thickness to be Per Aquatherm's Recommendations
7. Fiberglass Insulation to be used on Aquatherm Chilled Water Pipe in lieu of Foam Glass
8. Various Changes to Plumbing Fixtures to Standard Commercial Fixtures
9. Changed Specified Recirculation Pumps to Taco 2400-45-3P and 1915D-1-18-1
10. Remove Smoke Evacuation System
11. Change Site Utility Water Main Piping from Ductile Iron to C900 Pipe with MJ Fittings
12. Delete Magnesium Grounding Anodes and Access Boxes
13. Reduce the Casing Size of All AHUs. All Specified Capacities and Features Will Be Met.
14. Delete Multiple Supply Fans for AHU-3, 4, & 6, and the Multiple Relief Fans for AHU-6, and Provide Single Direct Drive Plenum Fans in Both the Supply and Relief Fan Sections. All Performance Criteria will be met as Designed.
15. Reduce Pipe Chase Enclosures from 36 Inches to 24 Inches
16. Change the Two (2) Air Cooled Rotary Chillers to Two (2) Air Cooled Scrolled Chillers
17. Change the Two (2) Outside Air Units to One (1) Outside Air Unit
18. Delete the Chilled Water BTU Meter, Heating Water BTU Meter, Natural Gas Meter, and Laptop Computers from the Control Specifications
19. Delete Low Pressure Duct Testing
20. Delete Coordination Drawings
21. Change All Grilles from Aluminum to Steel
22. Change Square Cone Diffusers from Removable Core to Affixed Core
23. Change Slot Diffusers to Lay In

Respectfully Submitted By:
Pat L. McKenzie, Inc.



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February 13, 2019

Hanco Corporation
Fax: 601-583-6503
Attn: Chris Hudson

Re: Electrical Value Engineering for Hattiesburg Public Safety Complex Project – City of Hattiesburg, MS
(Revised from Electrical VE Proposal, Dated January 22, 2019)

Please accept the following as our electrical value engineered proposal to reduce the overall cost of electrical installation for the Hattiesburg Public Safety Complex Project – Police Department, Municipal Court, and Historic Hospital Buildings.

ELECTRICAL VALUE ENGINEERED OPTIONS

LIGHT FIXTURES AND LIGHTING CONTROLS PACKAGE

POLICE AND COURT BUILDING:

- *Change recessed linear LED fixtures types K4RG, K4WW, KR2L, KR4L, KR4H, and KR4W to recessed lay-in flat panels (2x4, 2x2, or 1x4).
- *Change recessed 2x4/2x2 lay-in fixtures types S and S2 to recessed lay-in flat panels.
- *Change exit fixtures types X1, X2, XR1, and XR2 to standard commercial grade thermoplastic exits.
- *Change fixtures types C1, C2, and D dimming drivers from Eldo 0-10%/1% dimming to Phillips 0-10%/1% dimming.
- *Change linear pendant fixture type K4ID to surface mount flat panels.

HISTORIC HOSPITAL BUILDING:

- *Change recessed linear LED fixtures types KK1 and KK2 to recessed lay-in flat panels (2x4, 2x2, or 1x4).
- *Change exit fixtures type X1 and X2 to standard commercial grade thermoplastic exits.
- *Change fixture type CC1 dimming drivers from Eldo 0-10%/1% dimming to Phillips 0-10%/1% dimming.
- *Change recessed 2x4 lay-in fixture type SS to recessed flat panel lay-ins.
- *Change pendant fixture type AA to Williams SDI5 Series pendants

DISTRIBUTION GEAR PACKAGE

- *Change all switchboard and panelboard buss from copper to aluminum.
- *Change dead-front, door-in-door 4 piece hinged panelboard covers to standard type.

GENERATOR/ATS PACKAGE

- *Change ATS manufacturer from ASCO to EATON.
- *Received better weatherproof generator enclosure price from different manufacturer.

LIGHTNING PROTECTION SYSTEM PACKAGE

*Eliminate Lightning Protection System in its entirety.

TELEPHONE, DATA, CATV, AND POWER RACEWAY SYSTEM

*Eliminate as specified conduit raceway system installed from each device to communications backboards and provide conduit raceways stubbed up from each device to above accessible ceiling and a J-hook wire management system above ceiling for routing of cables to communications backboards. This will cut down on a substantial amount of conduit and help reduce congestion above the ceilings.

*Use MC type cable for power branch circuits from centrally located homerun J-boxes to device outlets where permissible, instead of hard pipe and wire.

*Price does not include tax or bond.

*All clarifications and qualifications stated in Original Electrical Proposal from Chain Electric Company, dated 1-3-2019, still apply.

*Value engineered electrical options must be acceptable to and approved by Owner, Project Architect, and Project Electrical Engineer.

*If accepted, the Electrical Value Engineered Proposal amount shall be deducted from Chain Electric Company's original base bid proposal amount, dated 1-3-2019.

If you have any questions or concerns, please call me at 601-545-3800 or 601-596-5152.

Thank you,



Harvey Simmons

Manager Commercial and Industrial Division