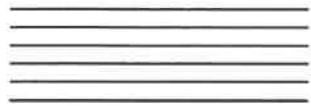


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TULSA COUNTY



PURCHASING  
DEPARTMENT

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MEMO

DATE: January 17, 2019

FROM: Matney M. Ellis  
Purchasing Director

TO: Board of County Commissioners

SUBJECT: Addendum 2 – Tulsa County “HQ” Administration Building Renovations

On December 31, 2018, the Notice to Bidders was mailed for the Tulsa County “HQ” Administration Building Renovations. This bid is set to open on the 25<sup>th</sup> day of February, with bids to be received by the County Clerk’s Office until February 22<sup>nd</sup>, 2019 at 4:00pm CST.

This addendum serves to provide:

- HVAC Specifications

This addendum is respectfully submitted for your approval.

MME / mlb

ORIGINAL: Michael Willis, County Clerk, for the January 22, 2019 agenda.



## **Purchasing Department**

### **A Department of the Tulsa County Budget Board**

Tulsa County Administration Bldg.  
500 South Denver  
Tulsa, Oklahoma 74103-3832  
P: 918.596.5022  
F: 918.596.4647

**Matney M. Ellis**  
Purchasing Director

January 22, 2019

Board of County Commissioners  
Tulsa County Administration Building  
Tulsa, Oklahoma 74103

On December 31, 2018, the Notice to Bidders was mailed for the **Tulsa County "HQ" Administration Building Renovations**. This bid is set to open on the 25<sup>th</sup> day of February, with bids to be received by the County Clerk's Office until February 22<sup>nd</sup>, 2019 at 4:00pm CST.

This letter is to serve as notice that Addendum 2 has been issued for this solicitation. This addendum serves to provide:

- HVAC Specifications

Addendum 2 is available for review and/or download at the following:

- Tulsa County Purchasing Department
- <http://www.tulsacounty.org/purchasingvendors>

Respectfully Yours,

Matney M. Ellis  
Purchasing Director

**Addendum**

To: Mr. Matney Ellis  
Tulsa County Purchasing  
Project File

Date: 01/17/2019

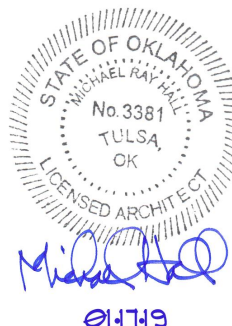
Addendum Number: 02

Architect's Project #: 20180005

Project Name: **Tulsa County Administration  
Building**

From: **GH2 ARCHITECTS, LLC**  
320 South Boston, Suite 100  
Tulsa, Oklahoma 74103  
Tel 918.587.6158  
Fax 918.587.0357

Professional Seal:



**NOTICE.....**

This Addendum supplements and amends the original Bidding Documents, shall be taken into account in preparing proposals, and shall become a part of the Construction Documents. The bidder shall indicate receipt of this addendum and all previously issued Addenda on the Bid/Proposal Form.

**PRIOR ADDENDA**

Addendum 01

**CHANGES / CLARIFICATIONS TO SPECIFICATIONS**

1. Add Section 23 0130.52 – Existing HVAC Air Distribution System Cleaning - attached.
2. Add Section 23 0516 – Expansion Fittings and Loops for HVAC Piping – attached.
3. Add Section 23 0517 – Sleeve Seals for HVAC Piping – attached.
4. Add Section 23 0518 – Escutcheons for HVAC Piping – attached.
5. Add Section 23 0519 – Meters and Gages for HVAC Piping – attached.
6. Add Section 23 0523.11 – Globe Valves for HVAC Piping – attached.
7. Add Section 23 0523.12 – Ball Valves for HVAC Piping – attached.
8. Add Section 23 0523.13 – Butterfly Valves for HVAC Piping – attached.
9. Add Section 23 0523.14 – Check Valves for HVAC Piping – attached.
10. Add Section 23 0523.15 – Gate Valves for HVAC Piping – attached.
11. Add Section 23 0523.16 – Plug Valves for HVAC Piping – attached.
12. Add Section 23 0529 – Hangars and Supports for HVAC Piping and Equipment – attached.
13. Add Section 23 0548 – Vibration and Seismic Controls for HVAC – attached.
14. Add Section 23 0553 – Identification for HVAC Piping and Equipment – attached.
15. Add Section 23 0593 – Testing, Adjusting, and Balancing for HVAC – attached.
16. Add Section 23 0713 – Duct Insulation – attached.
17. Add Section 23 0716 – HVAC Equipment Insulation – attached.
18. Add Section 23 0719 – HVAC Piping Insulation – attached.

19. Add Section 23 0923 – Direct Digital Control (DDC) System for HVAC – attached.
20. Add Section 23 0923.11 – Control Valves – attached.
21. Add Section 23 0923.12 – Control Dampers – attached.
22. Add Section 23 0923.14 – Flow Instruments – attached.
23. Add Section 23 0923.16 – Gas Instruments – attached.
24. Add Section 23 0923.19 – Moisture Instruments – attached.
25. Add Section 23 0923.23 – Pressure Instruments – attached.
26. Add Section 23 0923.27 – Temperature Instruments – attached.
27. Add Section 23 0993.11 – Sequence of Operations – attached.
28. Add Section 23 1123 – Facility Natural-Gas Piping – attached.
29. Add Section 23 2113 – Hydronic Piping – attached.
30. Add Section 23 2116 – Hydronic Piping Special Ties – attached.
31. Add Section 23 2123 – Hydronic Pumps – attached.
32. Add Section 23 2213 – Steam and Condensate Heating Piping – attached.
33. Add Section 23 2216 – Steam and Condensate Heating Piping Specialties – attached.
34. Add Section 23 2223 – Steam Condensate Pumps – attached.
35. Add Section 23 2300 – Refrigerant Piping – attached.
36. Add Section 23 2500 – HVAC Water Treatment – attached.
37. Add Section 23 3113 – Metal Ducts – attached.
38. Add Section 23 3300 – Air Duct Accessories – attached.
39. Add Section 23 3346 – Flexible Ducts – attached.
40. Add Section 23 3423 – HVAC Power Ventilators – attached.
41. Add Section 23 3600 – Air Terminal Units – attached.
42. Add Section 23 3713 – Grilles, Registers, and Diffusers – attached.
43. Add Section 23 4100 – Particulate Air Filtration – attached.
44. Add Section 23 5123 – Gas Vents – attached.
45. Add Section 23 5216 – Condensing Boilers – attached.
46. Add Section 23 5416.13 – Gas-Fired Furnaces – attached.
47. Add Section 23 5533.16 – Gas-Fired Unit Heaters – attached.
48. Add Section 23 5700 – Heat Exchangers for HVAC – attached.
49. Add Section 23 7313 – Modular Indoor Central-Station Air-Handling Units – attached.
50. Add Section 23 8126 – Split-System Air-Conditioners – attached.
51. Add Section 23 8129 – Variable-Refrigerant-Flow HVAC Systems – attached.
52. Add Section 23 8216.12 – Steam Air Coils – attached.
53. Add Section 23 8219 – Fan Coil Units – attached.
54. Add Section 23 8233 – Convectors – attached.

### **LIST OF ATTACHMENTS**

Specification Sections: 23 0130.52, 23 0516, 23 0517, 23 0518, 23 0519, 23 0523.11, 23 0523.12, 23 0523.13, 23 0523.14, 23 0523.15, 23 0523.16, 23 0529, 23 0548, 23 0553, 23 0593, 23 0713, 23 0716, 23 0719, 23 0923, 23 0923.11, 23 0923.12, 23 0923.14, 23 0923.16, 23 0923.19, 23 0923.23, 23 0923.27, 23 0993.11, 23 1123, 23 2113, 23 2116, 23 2123, 23 2213, 23 2216, 23 2223, 23 2300, 23 2500, 23 3113, 23 3300, 23 3346, 23 3423, 23 3600, 23 3713, 23 4100, 23 5123, 23 5216, 23 5216.13, 23 5533.16, 23 5700, 23 7313, 23 8126, 23 8129, 23 8216.12, 23 8219, 23 8233,

### **END OF ADDENDUM**