

**Contract Change Order # 3**

Project Name: Justice Center HVAC Project Number: 151704A  
 Project Location: Justice Center Building Date of Application: Tuesday, November 15, 2016  
 Contractor: Vision Air Services Submitted By: Skyler Walker

**Summary of Change in Scope of Work**

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

**Change of Work Items Included in this Change Order:**

Proposal Request #5 - per letter of intent attached within PR#5, due to complications within existing equipment tied to RTU#2 (VAV's), the controls for each of the effected VAV's shall be replaced and configured into the new controls system. Within this change order 1) includes all equipment, materials, and labor (thermostats material cost to be excluded) to install the new controls on (14) VAV's and bring them into the new system. Thermostats to be purchased by COBA and supplied to the contractor for installation (installation is included in above scope).

**Change in Contractual Project Time:**

Additional time for Proposal Request #5 shall be issued in the sum of (15) days of work. An additional allotment of (23) days shall be 1) added to the contract for time used to date for problem solving the existing equipment issues.  
 Change Order #3 total day count adjustment shall be (38) calendar days.

Plan Sheets or Additional Documents Attached:  Yes  No  Other: \_\_\_\_\_

**Work Order Quantities**

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
CO3-1	-	RTU#2 VAV Controls Modifications	LS	\$ 15,198.48	1	\$ 15,198.48
Total Change Cost: \$						15,198.48

**Summary of Project Costs**

Total Previous Change Orders:	\$ 4,060.28	Original Contract Amount:	\$ 139,790.00
Current Change Order:	\$ 15,198.48	Amended Contract Amount:	\$ 159,048.76
Total Cost of Change Orders:	\$ 19,258.76	Percent Change in Contract:	13.78%
Total Cost Applicable to CBA:	\$ 20,854.36	Percent Change Applicable to CBA:	14.92%

OK  
KDS  
11-15-16

**Change Order Authorization**

Change Order # 3 in the sum of: \$ 15,198.48 has been reviewed by all parties and is recommended for approval by:

Contractor Submitting Change Order:	<u>Adam Fitzgerald</u> Name	<u>[Signature]</u> Signature	<u>11/15/16</u> Date
Construction Division Manager:	<u>Timothy S Robins, PE</u> Name	<u>[Signature]</u> Signature	<u>11/15/16</u> Date
Director of Engineering & Construction:	<u>Alex Mills, PE</u> Name	<u>[Signature]</u> Signature	<u>11/15/16</u> Date
Assistant City Manager - Operations:	<u>Kenneth D Schwab, PE</u> Name	<u>[Signature]</u> Signature	<u>11-15-16</u> Date
City Manager:	<u>Michael Spurgeon</u> Name	<u>[Signature]</u> Signature	<u>11-17-16</u> Date

**This Change is Executed Through:**

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.  
 or  
 This change to the contract documents was approved at the City Council/BAMA meeting held on : \_\_\_\_\_



# VisionAir SERVICES

Pricing Date: 10.17.2016  
Project: Broken Arrow Justice Center  
Project Address: 2304 S. 1st. Pl Broken Arrow, OK 74012  
Customer: City Of Broken Arrow  
Attn: Whom It May Concern  
Customer Address:  
Description: CO-5 Controls Revised  
Approved By: Skyler Walker, Assistant PM

### Pricing Summary

Material:	\$0.00
Labor & Supervision:	\$299.80
Subcontractor:	\$13,517.00
Equipment Rental:	\$0.00
Consumables & Small Tools:	\$0.00
Total Direct Cost:	<u>\$13,816.80</u>
OH & Profit:	\$1,381.68
Applicable Bond (Variable):	\$0.00
<b>Total Proposal:</b>	<b><u>\$15,198.48</u></b>

# Broken Arrow Justice Center

## Change Order 3

### Controls

The reason for the change order is because the existing RTU2 is in our scope of work but the 14 VAVs that are associated with that RTU are not. If we take over RTU 2 the existing VAVs will not be able to communicate with the RTU when there is a call for heating or cooling. We can leave the existing VAVs and RTU 2 on the old controls system, which from what I can tell is about 16 years old, not working too well and is not adjustable.

With the new controls you will be able to:

Change Setpoints

View remotely

Setup Trend for trouble shooting

receive emailed Alarms

easily expandable

In regards to the long haul, this appears to be our most effective course of action considering the amount of control that will be gained, replacing VAV's can remain outside of contract budget and future maintenance or addition will be expedited as well as less costly.