



PCO #076

Ratcliff Constructors, LP
4200 Beltway Drive
Addison, Texas 75001
Phone: (972) 432-9969
Fax: (972) 432-9943

Project: 21-501 - Collin County Adult Detention Facility, Phase 1 Addition
4300 Community Avenue
McKinney, Texas 75071

Prime Contract Potential Change Order #076: RFI #233 Ductwork Modifications in Chases

Table with fields: TO: Collin County, FROM: Ratcliff Constructors, LP, PCO NUMBER/REVISION: 076 / 0, CONTRACT: 1 - Collin County Adult Detention Facility, REQUEST RECEIVED FROM:, CREATED BY: CJ Perry, STATUS: Pending - In Review, CREATED DATE: 12/14 /2023, REFERENCE:, PRIME CONTRACT CHANGE ORDER:, FIELD CHANGE: No, LOCATION:, ACCOUNTING METHOD: Amount Based, SCHEDULE IMPACT:, PAID IN FULL: No, TOTAL AMOUNT: \$11,548.37

POTENTIAL CHANGE ORDER TITLE: RFI #233 Ductwork Modifications in Chases

CHANGE REASON: Design Development

POTENTIAL CHANGE ORDER DESCRIPTION: (The Contract Is Changed As Follows)
RFI #233 Ductwork Modifications in Chases

Provide for additional specialty ductwork materials in the chases per coordination meeting and site walk with MD Engineering 12.5.23 and RFI #233. Pricing includes labor credit as discussed at the meeting. See backup. Also Reference RFI # 139.

ATTACHMENTS:

Table with columns: #, Cost Code, Description, Type, Amount. Rows include HVAC Changes In Chases, Ratcliff Bonds (1.25%), Ratcliff Fee (10.00%), Subtotal, and Grand Total.

Michael Woods (Brinkley Sargent Wiginton Architects)
5000 Quorum Drive, Suite 600
Dallas Texas 75254

Collin County
4600 Community Avenue
McKinney Texas 75071

Ratcliff Constructors, LP
4200 Beltway Drive
Addison Texas 75001

Signature of Michael Woods, dated 12-20-2023

Signature line for Collin County, dated

Signature of Ratcliff Constructors, LP, dated 12/14

** QUOTATION **

AMERICAN METALS SUPPLY CO., INC.
DBA AMERICAN HVAC METALS SUPPLY
3325 ROY ORR BLVD, SUITE 400
GRAND PRAIRIE, TX 75050-4211

Quote #: S2970638
P/O # : COLLIN COUNTING
Printed: 12:29:32 13 DEC 2023
Page # : 1 of 1

Quote To:
CLIMATE PROS
2771 S. GREAT SOUTHWEST PKWY
GRAND PRAIRIE, TX 75052

Ship To:
CLIMATE PROS
2771 S. GREAT SOUTHWEST PKWY
GRAND PRAIRIE, TX 75052

706-870-5826

Quoted for	Quote Date	Expr Date	Ship Via	Warehouse
	12/13/23	01/12/24	OUR TRUCK	Shp 8 Prc 8
Writer	Salesperson	Job Name	Freight Allowed	
RYAN SQUIRES	RYAN SQUIRES		No	

Quote Qty	Product Description	Net Prc	Ext Prc
3BX	3MR6 12" X 25' FLEXMASTER INSULATED FLEX DUCT R6		
6BX	3MR6 10" X 25' FLEXMASTER INSULATED FLEX DUCT R6		
1BX	3MR6 6" X 25' FLEXMASTER INSULATED FLEX DUCT R6		
64EA	DT12WD #7009 STAINLESS STEEL QUICK RELEASE WORM GEAR CLAMPS 40" LONG (FITS 1-3/4" - 12-1/4") QR-188-PB		
	Subtotal -----		5327.31
	SUBTOTAL		5327.31
	Quote Total		5327.31
	TAXES NOT INCLUDED		

THIS IS A QUOTATION
APPLICABLE TAXES EXTRA!

TDR Contractors Inc.

1523 W. Tyler, Gilmer, TX 75644

Phone: 903-797-3230 ext. 1

david@tdrcontractors.net

Fax: 903-797-3233

Cell: 903-841-0447

Collin County ADF – Phase 1 Addition
4300 Community Ave,
McKinney, TX 75071

HVAC Ductwork For Concrete Chases
12-14-23

We are pleased to provide pricing for the HVAC on this project.

10 – Field Fabricated (Inside the Chase) Return Boxes At 18 lbs. each
18 lbs. X 10pcs. = 200 lb. roll with to include cut and waste.
200lbs X \$11.00 per lb = \$2,200.00 ✓

\$706.31 Ductwork Support Brackets ✓

8- 12x12 @ 26 lbs. each

Total 208lbs.

20-12x12 end caps @ 5 lbs. each

Total 100lbs.

308 lbs. at \$7.00 each for TDR shop fabricated. ✓

\$2156.00 for the 12x12 duct

\$2156.00 + \$400.00 delivery fee \$2556.00

\$400.00 delivery fee

Total \$5,462.31

\$2,200.00
+ 766.31
+ 2156.00
+ 400.00

Exclusions: Bond, Sales Tax, Permit Fees, Allowances, Shop and/or BIM drawings, HVAC Equipment, Controls, Test and Balance. Start Up, Insulation, Ch/W and H/W Piping, Plumbing, Equipment Rental (Scissor Lifts, sky tracks, Duct Jacks, etc.). Electrical, Roofing, Fire Alarm, Dumpsters, Floor protection, Concrete Pads, Structural Steel, Concrete, Concrete Coring, Cutting or Patching, Ceiling removal or replacement

David Connor _____

PAYMENT TO BE MADE AS FOLLOWS: Monthly Payments based on amount of work completed, Payments due Net 7 days.

Climate Pros _____

THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN 30 DAYS.



Ratcliff Constructors, LP
 4200 Beltway Drive
 Addison, Texas 75001
 P: (972) 432-9969
 F: (972) 432-9943

Project: 21-501 Collin County Adult Detention Facility, Phase 1 Addition
 4300 Community Avenue
 McKinney, Texas 75071

RFI #233: HOT RFI: HVAC Clarifications Per MD Site Walk on 12.5.23

Status	Open		
To	Jason Mansur (MD Engineering, LLP - MEP Engineer)	From	Zach Reynolds (Ratcliff Constructors, LP) 4200 Beltway Drive Addison, Texas 75001
Date Initiated	Dec 7, 2023	Due Date	Dec 14, 2023
Location		Project Stage	
Cost Impact		Schedule Impact	
Spec Section		Cost Code	
Drawing Number		Reference	
Linked Drawings			
Received From	Nick Coleman (Climate Pros)		
Copies To	Brian Odom (Ratcliff Constructors, LP), CJ Perry (Ratcliff Constructors, LP), Shane Worley (Ratcliff Constructors, LP)		

Activity

Question

Question from Zach Reynolds Ratcliff Constructors, LP on Thursday, Dec 7, 2023 at 03:03 PM CST

1. Can we clarify on the on the direction we got from the engineer on the insulation inside the chaises? He said he wanted to change the insulation from R-11 to R-6.
2. Can we clarify on changing the spiral duct work going from tier level to level 1 to high pressure flex duct work and is it R-6? (can we please get a drawn description of how you would like this done?)
3. Can we clarify on changing the tap for the grills in all the cells to construct a piece of duct work that ties into the CMU wall?
4. Can we also clarify how the engineer would like us to run the 26x10 duct work in the tier level in rooms 3205, 3206, &3207?)(See marked up drawing)
5. Can we also get clarification on plumbing chaise CH16? This is the one where I think we were going to change the supply to 10" Spiral and the return to 6" spiral. (See marked ---up drawing)
6. Can we clarify what size spiral we are needing to install into all mechanical chassis?
7. Can we clarify If we can move the duct work 22" East so we do not core through that entire section of wall that the duct passes through? (see marked up drawings for reference)
8. Also, I would like to know about the piping coming from AHU 1-2. On the plans it shows the piping coming out of the north side, but our unit has piping coming out of the south side. The only way we can run it, is to run it over the unit and onto the other side and build our make-up. If we go low with the piping, we impede the door on the unit. If we go high, we impede the duct work. I just wanted to make sure the engineer is ok with this because it will function, just might look a little different then what is shown on the plans.
9. Can we please get clarification on how the Hot water pumps need to be secured on the wall in the boiler room. There is no detail that shows this. We spoke with the MEP engineer, and he wanted us to submit an RFI on this.
10. Drawing M602 detail 7 note 7 shows a valve in the detail over the BTU Meter. We have the BTU meter in hand, and we are asking for clarification on what valve that is under it. I have attached marked up drawings.

Attachments

[FK4BsE4AgLHQgwWtiRGjFSa9.pdf](#), [M311_ LEVEL 1 EAST FLOOR PLAN -HVAC PIPING Rev.0 markup.pdf](#), [M602_ SECTIONS _ LARGE SCALE PLANS Rev.0 markup.pdf](#)

Official Response

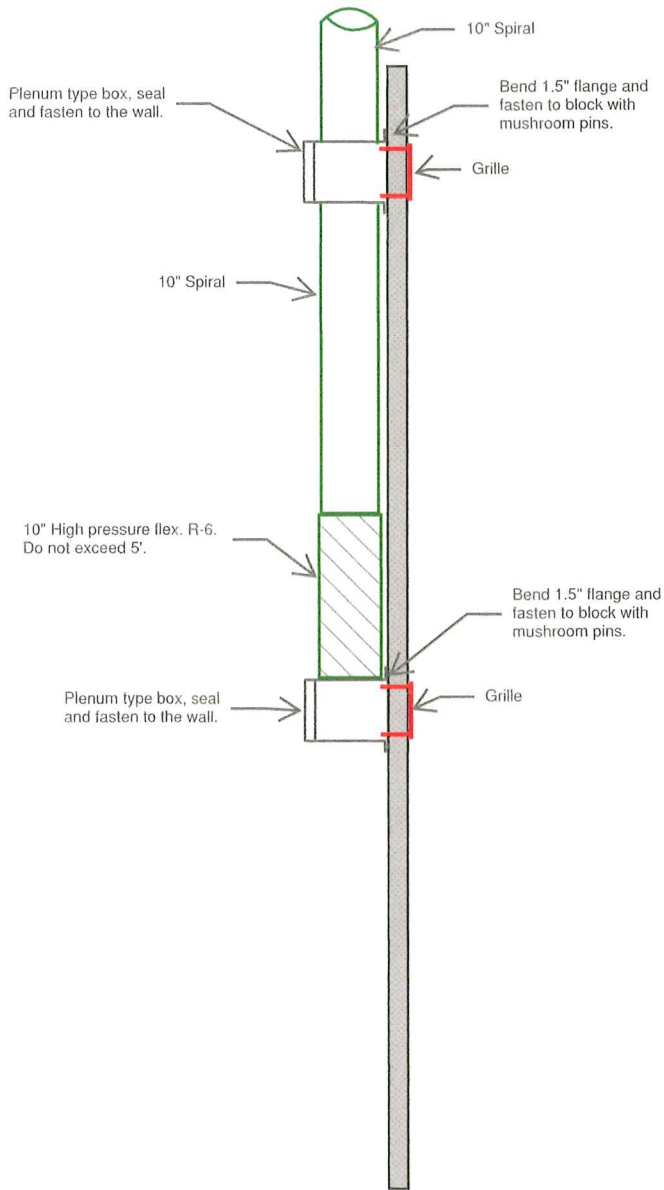
Response from Jason Mansur MD Engineering, LLP - MEP Engineer on Friday, Dec 8, 2023 at 01:01 PM CST

1. It is acceptable to use R-8 / R-6 Installed insulation in the home plate shaped plumbing chases only.
2. It is acceptable to utilize high pressure flex on the supply / air make up duct in the home plate shaped plumbing chases only. The flex is not to exceed 5'. See attached detail.
3. At grille locations in the plumbing chases, provide a tap can that fastened to the cinderblock. Seal all connections to the block. See attached details.
4. This will have to take additional coordination. The sprinkler contractor ran his pipe in the area we needed for duct. The sprinkler contractor has poor coordination.
 - One of two things will need to happen to get duct to fit in this area.
 - a. The sprinkler contractor raises his pipe into the void above where he currently has his pipe.
 - b. The Plumbing contractor will have to relocate the 2 pipes he has dropping vertically into the pipe chase.
5. The return can be changed to 10" on the upper level and 8" on the lower level. The Supply can be changed to 10". The return will need to be routed around the plumbing pipe in the chase.
6. See attached detail for home plate chases duct sizing.
7. MD takes No Exceptions to relocating the duct.
8. Contractor is allowed to route pipe as necessary.
9. The pumps can be secured utilizing Unistrut and clamps, either to the wall or deck.
10. The item that looks like a valve on NBS 7 is just the BTU Meter.

Attachments[RFI 233.pdf](#)

RFI 233

Supply / Smoke Removal



Return / Smoke Removal

