



PCO #021

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 #021: RFI #41 Sewer Manhole CREDIT

TO:	Collin County 4600 Community Avenue McKinney Texas, 75071	FROM:	Ratcliff Constructors, LP 4200 Beltway Drive Addison Texas, 75001
PCO NUMBER/REVISION:	021 / 0	CONTRACT:	1 - Collin County Adult Detention Facility, Phase 1 Addition Prime Contract
REQUEST RECEIVED FROM:		CREATED BY:	CJ Perry (Ratcliff Constructors, LP)
STATUS:	Pending - In Review	CREATED DATE:	9/26 /2022
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
		TOTAL AMOUNT:	(\$6,952.00)

POTENTIAL CHANGE ORDER TITLE: RFI #41 Sewer Manhole CREDIT

CHANGE REASON: Allowance

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*
RFI #41 Sewer Manhole CREDIT

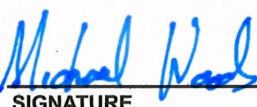
Provide for deletion of sanitary sewer STA 7+14.75 per RFI #41 RESPONSE as the lateral line does not exist. See backup.

ATTACHMENTS:

#	Cost Code	Description	Type	Amount
1	33-100 - Site Drainage Utilities	CREDIT for STA 7+14.75	Subcontractor	(\$6,952.00)
Subtotal:				(\$6,952.00)
Grand Total:				(\$6,952.00)

Michael Woods (Brinkley Sargent
Wiginton Architects)

5000 Quorum Drive, Suite 600
Dallas Texas 75254


SIGNATURE

9-29-2022
DATE

Collin County

4600 Community Avenue
McKinney Texas 75071

SIGNATURE

DATE

Ratcliff Constructors, LP

4200 Beltway Drive
Addison Texas 75001


SIGNATURE

9/28/22
DATE



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Addison, Texas 75001
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**Project: 21-501 Collin County Adult Detention
Facility, Phase 1 Addition**
4300 Community Avenue
McKinney, Texas 75071

RFI #41: Sanitary Sewer Line System Clonflicts

Status	Closed on 06/24/22		
To	Michael Woods (Brinkley Sargent Wiginton Architects) Clint Bissett (Pacheco Koch)	From	Ryan Pechacek (Ratcliff Constructors, LP) 4200 Beltway Drive Addison, Texas 75001
Date Initiated	Apr 25, 2022	Due Date	Apr 28, 2022
Location	Project Stage		
Cost Impact	Schedule Impact		
Spec Section	Cost Code		
Drawing Number	Reference		
Linked Drawings			
Received From	Brenan Phelps (DFS UTILITIES, LLC)		
Copies To	Abram Miedema (Ratcliff Constructors, LP), Brian Odom (Ratcliff Constructors, LP), Ryan Pechacek (Ratcliff Constructors, LP), CJ Perry (Ratcliff Constructors, LP), Scott Trcka (Ratcliff Constructors, LP)		

Activity

Question

Question from Ryan Pechacek Ratcliff Constructors, LP on Monday, Apr 25, 2022 at 01:06 PM CDT

1) the existing flow lines at stations 5+37.85, 7+14.75, and 0+24.34 are 3' to 9' different than the contract drawings. The City of McKinney is telling us that we must install all the new sanitary sewer system and have it tested and passed before we can tie the existing services into the new system. (Means and methods) Because the existing sewer lines are 5' below grade, and we need to install the new system 13' below existing grade, right below the existing sewer lines, this cannot be done without damaging the existing system. Therefore we propose to move the new system over 5' east, to not damage the existing sewer service, and meet the city's requirements. We then will tie the existing system into the new system. Please confirm this is acceptable.

2) the existing sanitary sewer line will need to be rerouted from the existing manhole at the south west corner (see drawings with FL=606.58. Please provide how to reroute existing sewer line. (additional manhole, or reroute sewer line?)

3) there is an existing manhole at FL= 607.25, see drawings. It has a Y at bottom of manhole going to existing sanitary sewer manhole at NE in existing fire lane below pod 1. What do we do with this manhole?

4) On sheet C100 shows a sewer line running at a 45 degree angle, tying into existing sanitary sewer manhole at NE in existing fire lane below pod 1. This sewer line running at 45 degrees does not exist. This manhole does not have a Y, it has a 90, running to existing manhole not shown on plans.

5) if we keep the existing flow lines on the new sewer lines and manholes at stations 5+37.85, 7+14.75, and 0+24.34, this will make these manholes drop manholes. The city said they do not care, because these are private, and the only public manhole is at 0+00.

Please note that the city is requiring an updated drawing showing the reflected changes for review and approval. Please expedite review as currently we are not able to install the utilities any further.

Attachments

[Sewer Line #42.pdf](#)

Official Response

Response from Clint Bissett Pacheco Koch on Friday, Apr 29, 2022 at 09:47 AM CDT

Responses to RFI questions are noted below and updated plans reflecting these changes are attached.

1. Alignment has been shifted 5' for construction. We also removed the previous 4' MH at station 7+14.75 since it was noted this lateral does not exist.
2. Please refer to the new alignment "SS-1B". This shows 70 lf of 6" pipe and connection to existing MH.
3. Remove MH. We show a proposed 4' MH at station 8+04.26 (previously 8+09.26) in the spot I am understanding where the uncovered MH was located.
4. This line has now been shown removed from the survey demo.
5. We now show a drop MH at stations 5+32.85 (previously 5+37.85 before alignment shift). Since you noted the lateral at station 7+14.75 does not exist, there is no need for a connect or drop MHs in this location.

Attachments

[C121 SEWER PROFILE.pdf](#), [C119 SITE UTILITY PLAN.pdf](#), [C100 DEMOLITION PLAN.pdf](#)

FL 0 = 602.01 (S)
FL 6" = 602.11 (W)

STA 8+32.21 LINE "SS-1"
INSTALL:
1-6" DOUBLE CLEANOUT
CONNECT TO EX SS
FL 6" = 602.6± (E)

CONTRACTOR TO NOTIFY
ENGINEER OF EXISTING
FLOWLINE PRIOR TO
INSTALLATION OF PROP
SEWER IN THE AREA

STA 0+24.34 LINE "SS-1B"
INSTALL:
1-6" DOUBLE CLEANOUT
CONNECT TO EX SS
FL 8" = 600.7± (E)

PROP STORM UNDER DRAIN
CROSSING SEE C121

STA 7+14.75 LINE "SS-1" =
STA 0+00 LINE "SS-1B"
INSTALL:
1-STD. 4' DIA. SSMH
RIM = 608.58
FL 8" = 600.18 (W)
FL 6" = 600.18 (N)
FL 8" = 600.08 (S)

PROP CROSSING
SI 18" = 604.99
SS 8" = 596.71

6" S.S. @ 2.0%

EX 3" GAS

SEE ENLARGEMENT
DETAIL SHEET
C120

8" S.S. @ 2.0%

15' WATER
EASEMENT

STA 4+09.13 LINE "W-1"
INSTALL:
1-12" PLUG
N: 7141793.48
E: 2539125.23

STA 2+89.74 LINE "W-1"
INSTALL:
1-12"x6" TEE
38 LF 6" DR-18 PVC
END 5' FROM BLDG FACE
SEE P302 FOR CONTINUATION OF FIRE LINE
N: 7141674.10
E: 2539124.69

STA 2+44.68 LINE "W-1"
INSTALL:
1-12"x3" TEE
1-3" METER AND VAULT
67 LF 3" PVC
END 5' FROM BLDG FACE
SEE P302 FOR CONTINUATION
N: 7141629.04
E: 2539124.48

PROP CROSSING
ST 12" = 600.36
SS 8" = 595.53

CONTRACTOR TO VERIFY IF 6" GAS LINE
CROSSES UNDER PROPOSED FOOTPRINT.
IF IN CONFLICT WITH PROPOSED BUILDING
AND/OR RETAINING WALL THE 6" GAS LINE
WILL NEED TO BE REROUTED

PROPOSED BUILDING

FF 1ST FLOOR = 626.50
FF BASEMENT = 608.50

REFER 7

Project: COLLIN COUNTY DETENTION CENTER

Location: MCKINNEY, TX

Date: September 20, 2022

Addendum: RFI 41



OWNER: Brenan Phelps 972-814-1428. Email. Brenan@dfsutilities.com

Estimator: Email. Louie@dfsutilities.com

Storm Drain

Item	Description	Quantity		Pricing	Total
	****CREDIT****			Pricing	Total
1	4' Pre Cast 9' Deep Manhole	1	EA	(\$3,675.00)	(\$3,675.00)
	****LABOR****				
2	5 MAN CREW	1	EA	(\$1,617.00)	(\$1,617.00)
	****EQUIPMENT****				
3	EXCAVATOR (MONTH RENT)	1	Day	(\$530.00)	(\$530.00)
4	FRONT LOADER(MONTH RENT)	1	Day	(\$275.00)	(\$275.00)
5	COMPACTION ROLLER (MONTH RENT)	1	Day	(\$223.00)	(\$223.00)
	****OP&H****				
6	10% OH&P	1	EA	(\$632.00)	(\$632.00)
Subtotal For Storm Drain :				(\$6,952.00)	
Grand Total :				\$	(6,952.00)

Additional Costs If Needed

1	Payment & Performance bond to Owner or GC	1	LS	\$	-	\$	-
2	Haul off of Spoils	0	CY	\$	10.00	\$	-

Pricing Includes the following Items:

- Staking
- One Mobilization
- Trench Safety
- Sewer Testing
- Chlorination / Bacteria testing
- Sales Tax (On Material)
- Import of Select Material For Embedment
- Removal & Replacement of Paving
- Fire Line Design by Advanced Fire Protection

Pricing Excludes the following Items:

- City Bonds
- TxDot Permits
- Meter Fees and/or Deposits
- Conduits or Sleeves for other trades
- Landscaping, seeding or sod
- Tree removal or replacement
- Additional Mobilization
- Locate of Private Utilities
- Raven Lining of Sewer Manhole
- Inlet protection
- City Permits
- Relocation of Existing Utilities
- Roof Drain Connections
- Erosion Control
- Removal & Replacement of Paving
- Plumbers Permits
- Rock Excavation
- Camera Testing
- Flowable Fill

Additional Qualifications:

- Utilities placed to within 5' of building. Private piping to be done under plumbers permit.
- Fireline Riser priced to 1' above finished floor
- Fire Line to be permitted and installed by licensed SCR-G-2606378
- We propose to provide Equipment, labor & Material to perform the above Operations
- Cost per task are not stand alone. If you request partial bids pricing will change due to allocations.
- THIS QUOTE IS VOID AFTER 30 DAYS FROM PROPOSED DATE

Approved By: _____

Sign: _____ Sincerely,

Date: _____ Brenan Phelps

972-814-1428