



CHANGE ORDER FORM

**FORT BEND COUNTY
ENGINEERING**

Distribution:

- FBC Engineering
- FBC Judge
- FBC Purchasing
- Contractor
- Consultant

Address: 301 Jackson Street
Richmond, Texas 77469

Phone: 281-633-7500

Web site: www.FortBendCountyTx.gov

PROJECT:	CHANGE ORDER NUMBER 2
Braxton Street (13116x)	DATE 04/29/2020
CONTRACTOR:	PROJECT NUMBER 13116x
Conrad Construction	BID NUMBER 19-084
PO Box 841134, Houston, TX 77284	CONTRACT DATE 09/24/2019
The contract is changed as follows:	FBC PURCHASE ORDER NO.. 182103
RFP's 5 - 10	

Not valid until signed by Fort Bend County.

The Original (Contract Sum)	\$ 1,977,441.00
The (Contract Sum) Prior to this Change Order was.....	\$ 2,096,000.39
The (Contract Sum) will be <input checked="" type="checkbox"/> increased or <input type="checkbox"/> decreased or <input type="checkbox"/> unchanged	
by this Change Order in the amount of	\$ 121,966.24
The new (Contract Sum) including this Change Order will be	\$ 2,217,966.63
The Contract Time will be <input checked="" type="checkbox"/> increased or <input type="checkbox"/> decreased or <input type="checkbox"/> unchanged by.....	12 Days
The Contract End Date as of this Change Order therefore is	
<input checked="" type="checkbox"/> changed or <input type="checkbox"/> unchanged to.....	07/21/2020

Authorized:

Fort Bend County Judge
Honorable KP George
301 Jackson St.,
Richmond, Texas 77469

By: _____
(Signature)

DATE: _____



Phone: (713) 937-3081 Fax (713) 937-1172
brianwconrad@hotmail.com

RFP 5

8" crushed concrete for temporary road widening and temporary driveways in lieu of 4" asphalt (pay item #21 - RFI #14):

Pay item #21 – Temporary asphalt pavement (4" thickness per sheet 130 description) 463 SY @ \$50.00/sy = \$23,150.00

Dirt work, equipment, labor, removal cost, and trucking will remain the same

Material pricing : 4" asphalt = .22 tons per SY x \$65/ton = \$14.30 / SY

8" crushed concrete = .44 tons per SY x \$25/ton = \$5.50 / SY

Due to some existing material being reused – pricing for material reduced 50%

Price difference = \$ 8.80 / SY

Conrad will deduct \$10.50 SY from bid pricing for change of material

New price = \$39.50/SY

Brian Conrad
 Vice President
 Conrad Construction Co., LTD

REVISED 3/19/20

CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 77284

Proposal

Date: 3/19/20

RFP: 6 REVISED

Owner: Fort Bend County

Project: Braxton Street

Ref. RFI: 15

Description: Cost to replace and lower long side water line services

Materials:

Item	Qty	Unit	Unit Price	Unit Total
1" service valve	1	ea	\$ 104.25	\$ 104.25
1" coupling	2	ea	\$ 19.64	\$ 39.28
1" 3-Part union	2	ea	\$ 22.43	\$ 44.86
1" poly tubing	1	roll	\$ 42.00	\$ 42.00
				\$ -
				\$ -
			\$ -	\$ -
Subtotal				\$ 230.39
Total Material				\$ 230.39

Labor:

Name and/or Position	Qty	Unit	Unit Price	Unit Total
Utility crew with Foreman	3	hr	\$ 175.00	\$ 525.00
			\$ -	\$ -
Subtotal				\$ 525.00
Labor Burden (Workers Comp, FICA, Insurance)			55%	\$ 288.75
Total Labor				\$ 813.75

Equipment:

Item	Qty	Unit	Unit Price	Unit Total
excavator	3	hr	\$ 97.20	\$ 291.60
wheel loader	1.5	hr	\$ 58.40	\$ 87.60
			\$ -	\$ -
Subtotal				\$ 379.20
Total Equipment				\$ 379.20

Total Equipment, Labor, Material, Misc.		\$ 1,423.34
OH&P 15%		\$ 213.50
SubTotal		\$ 1,636.84
Total		\$ 1,636.84

Time Request		PER EACH 4 days for 7 services
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[Handwritten Signature]
3/19/20

CITY OF HOUSTON - CONDITIONS OF THE CONTRACT
DOCUMENT 00700 - GENERAL CONDITIONS

Page 00700/21 of 38
28 November 2017

work in a reasonable period of time, may be determined by City Engineer to be a material breach of Contract.

7.2.3 A Work Change Directive is used in the absence of total agreement of the terms of a Change Order. Interim payments are made in accordance with Paragraph 9.6.1.

7.2.4 If Contractor signs a Work Change Directive, then Contractor agrees to its terms including adjustment in Contract Price and Contract Time or method for determining them. Agreement by the Parties to adjustments in Contract Price and Contract Time are immediately recorded as a Change Order.

7.2.5 City Engineer, by Work Change Directive, may direct Contractor to take measures as necessary to expedite construction to achieve Date of Substantial Completion on or before expiration of Contract Time. When the Work is expedited solely for convenience of the City and not due to Contractor's failure to prosecute timely completion of the Work, then Contractor is entitled to an adjustment in Contract Price equal to actual costs determined in accordance with Article 7.

7.3 *ADJUSTMENTS IN CONTRACT PRICE*

7.3.1 Adjustments in Contract Price are accomplished by Change Order and are based on one of the following methods:

- 7.3.1.1 mutual acceptance of fixed price, properly itemized and supported by sufficient data to permit evaluation;
- 7.3.1.2 unit prices stated in the Contract or subsequently agreed upon;
- 7.3.1.3 cost to be determined in a manner agreed upon by the Parties and mutually acceptable fixed or percentage fee; or
- 7.3.1.4 as provided in Paragraph 7.3.2.

7.3.2 If Contractor does not agree with a change in Contract Price or Contract Time or the method for adjusting them specified in the Work Change Directive within 21 days from date of the Work Change Directive's issuance, method and adjustment are determined by City Engineer. If Project Manager or Contractor disagree with City Engineer's determination they then may file a Claim in accordance with Section 4.4.

7.3.2.1 If City Engineer determines a method and adjustment in Contract Price under Paragraph

7.3.2, Contractor shall provide, in a form as City Engineer may prescribe, appropriate supporting data for items submitted under Paragraph 7.3.2. Failure to submit the data within 21 days of request for the data by City Engineer shall constitute waiver of a Claim.

7.3.2.2 Unless otherwise provided in the Contract, costs for the purposes of this Paragraph 7.3.2 are limited to the following:

7.3.2.2.1 costs of labor, including labor burden as stated below for social security, unemployment insurance, customary and usual fringe benefits required by agreement or custom, and Workers' Compensation insurance;

7.3.2.2.1.1 the maximum labor burden applied to costs of labor for changes in the Work is 55 percent;

7.3.2.2.2 costs of materials, supplies, and equipment, including cost of transportation, whether incorporated or consumed;

7.3.2.2.3 rental costs of machinery and equipment, exclusive of hand tools, whether rented from Contractor or others, with prior approval of City Engineer;

7.3.2.2.4 costs of premiums for Bonds and insurance and permit fees related to the change in the Work;

7.3.2.2.5 additional costs of direct supervision of work and field office personnel directly attributable to the change; and

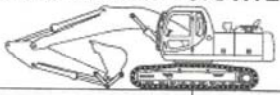
7.3.2.2.6 allowances for overhead and profit as stated below.

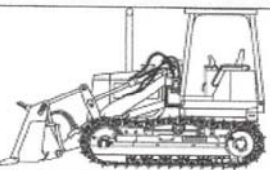
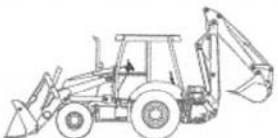
7.3.2.2.6.1 the maximum allowances for overhead and profit on increases due to Change Orders:

7.3.2.2.6.2 for changes in the Work performed by Contractor and Subcontractors, allowance for overhead and profit are applied to an amount equal to cost of all additions less cost of all deletions to the Work. Allowance for overhead to Contractor and first tier Subcontractors on changes performed by Subcontractors are applied to an amount equal to the sum of all increases to the Work by applicable Subcontractors.



Equipment Rates

DISTRIBUTORS		
Class	Age (years)	
	5	15
Truck Mounted, Tandem Axle, Gas		
1,600 Gal	\$33.50	\$31.70
2,000 Gal	\$34.00	\$32.10
3,100 Gal	\$37.50	\$35.50

HYDRAULIC EXCAVATORS - CRAWLER MOUNTED		
		
Class	Age (Years)	
	5	15
Caterpillar 311C U, 0.39 cy, 79HP	\$60.70	\$58.80
Caterpillar 312C L, 0.68 cy, 90HP	\$70.10	\$67.80
Caterpillar 320C L, 1.25 cy, 138HP	\$114.80	\$111.20
Caterpillar 325C L, 1.5 cy, 186HP	\$135.90	\$131.90
Caterpillar 330C L, 2.25 cy, 244HP	\$165.10	\$160.20
Deere 120C, 0.79 cy, 89HP	\$72.00	\$69.70
Deere 200C LC, 1.12 cy, 141HP	\$101.90	\$98.80
Hitachi ZAXIS200LC, 1.12 cy, 147HP	\$103.10	\$100.00
Hitachi ZAXIS270LC-3, 1.75 cy, 188HP	\$134.00	\$130.00
Komatsu PC120-6, 0.63 cy, 89HP	\$66.80	\$64.70
Komatsu PC160LC-7, 0.85 cy, 115HP	\$86.50	\$83.80
Komatsu PC200-7, 1.0 cy, 143HP	\$97.20	\$94.40
Komatsu PC220LC-8, 1.57 cy, 168HP	\$129.70	\$125.70
Komatsu PC270LC-8, 1.85 cy, 187HP	\$145.40	\$140.80

LOADERS		
Class	Age (Years)	
	5	15
		
Crawler Loader		
Caterpillar 939C, 1½ cy, 90 HP	\$64.80	\$63.00
Caterpillar 953C, 2.42 cy, 128 HP	\$106.80	\$103.50
Caterpillar 963C, 3.2 cy., 158 HP	\$137.10	\$133.10
		
Wheel Loader-Backhoe		
Deere 310G, Diesel, 1 cy, 70 HP, WD, Extendable backhoe stick, Digging	\$40.10	\$39.30

Equipment Rates

LOADERS		
Class	Age (Years)	
	5	15
Depth < 15'		
Case 580 Super M Series 2, 2WD, 1 cy, 90 HP, Extendable backhoe stick, Digging Depth < 15'	\$47.00	\$45.90
Case 580 Super M Series 2, 4WD, 1 cy, 90 HP, Extendable backhoe stick, Digging Depth < 15'	\$49.10	\$48.10
		
Wheel Loader: Diesel, 4WD, Articulated		
Case 21D, 0.92 cy, 51 HP	\$31.80	\$31.10
Komatsu WA250-5, 3 cy, 134 HP	\$58.40	\$57.10
Caterpillar IT28G, 2.35 cy, 143 HP	\$60.30	\$59.00
Caterpillar IT38G Series II, 3.5 cy, 160 HP	\$74.50	\$72.80
		
Skid Steer Loader		
Bobcat 463, Diesel, 700 lbs, 22 HP	\$19.20	\$19.00
Bobcat S130, Diesel, 1300 lbs, 46 HP	\$29.10	\$28.70

Motor Graders		
Class	Age (years)	
	5	15
Caterpillar 120H, Moldboard: 12', 125 HP	\$69.50	\$67.50
w/ Scarifier w/ Ripper	\$76.00	\$73.70
Caterpillar 140H, Moldboard: 12', 165 HP	\$100.30	\$97.40
w/ Scarifier w/ Ripper	\$106.80	\$103.60
Deere 770C II, Moldboard: 12', 155 HP	\$84.30	\$82.10
w/ Scarifier w/ Ripper	\$90.80	\$88.30
Caterpillar 14H, Moldboard: 14', 220 HP	\$136.00	\$132.20
w/ Scarifier w/ Ripper	\$146.90	\$142.50
Caterpillar 16H, Moldboard: 16', 285 HP	\$179.50	\$173.90
w/ Scarifier w/ Ripper	\$190.40	\$184.20

CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 77284

Proposal

Date: 3/19/20

RFP: 7 REVISED

Owner: Fort Bend County

Project: Braxton Street

Ref. RFI: 17

Description: Cost to modify precast inlets due to design changes and unknown conditions

Materials:

Item	Qty	Unit	Unit Price	Unit Total
concrete for collar/patching around RCP connection	1	LS	\$ 100.00	\$ 100.00
Husqvarna QH5 14" diamond blade	2	EA	\$ 76.75	\$ 153.50
Subtotal				\$ 253.50
Total Material				\$ 253.50

Labor:

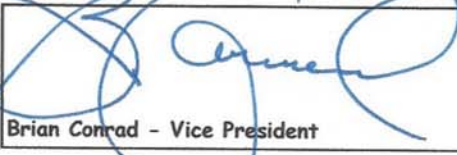
Name and/or Position	Qty	Unit	Unit Price	Unit Total
Utility crew with Foreman	3	hr	\$ 175.00	\$ 525.00
Subtotal				\$ 525.00
Labor Burden (Workers Comp, FICA, Insurance)			55%	\$ 288.75
Total Labor				\$ 813.75

Equipment:

Item	Qty	Unit	Unit Price	Unit Total
excavator	1	hr	\$ 97.20	\$ 97.20
Subtotal				\$ 97.20
Total Equipment				\$ 97.20

Total Equipment, Labor, Material, Misc.	\$ 1,164.45
OH&P 15%	\$ 174.67
SubTotal	\$ 1,339.12
Total	\$ 1,339.12

Time Request	3 days for 3 inlets
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 Brian Conrad - Vice President

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- Features & Benefits
- Data Sheets
- 14" diamond blade for cutting concrete.



(https://www.cmcconstructionservices.com/content/images/thumbs/0005297_husqvarna-14x125x120mm-platinum-qh5-diamond-blade.jpeg)

Manufacturer Part #: 542791800

SKU: 542791800

Husqvarna 14"x.125"x1"/20mm Platinum QH5 Diamond Blade

\$70.90 / EA

Qty: EA

+ tax \$ 76.75 / EA

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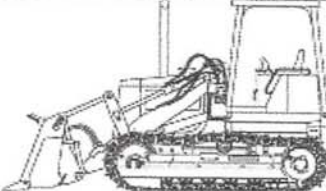

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Equipment Rates

DISTRIBUTORS		
Class	Age (years)	
	5	15
Truck Mounted, Tandem Axle, Gas		
1,600 Gal	\$33.50	\$31.70
2,000 Gal	\$34.00	\$32.10
3,100 Gal	\$37.50	\$35.50

HYDRAULIC EXCAVATORS - CRAWLER MOUNTED		
Class	Age (Years)	
	5	15
Caterpillar 311C U, 0.39 cy, 79HP	\$60.70	\$58.80
Caterpillar 312C L, 0.68 cy, 90HP	\$70.10	\$67.80
Caterpillar 320C L, 1.25 cy, 138HP	\$114.80	\$111.20
Caterpillar 325C L, 1.5 cy, 186HP	\$135.90	\$131.90
Caterpillar 330C L, 2.25 cy, 244HP	\$165.10	\$160.20
Deere 120C, 0.79 cy, 89HP	\$72.00	\$69.70
Deere 200C LC, 1.12 cy, 141HP	\$101.90	\$98.80
Hitachi ZAXIS 200LC, 1.12 cy, 147HP	\$103.10	\$100.00
Hitachi ZAXIS 270LC-3, 1.75 cy, 188HP	\$134.00	\$130.00
Komatsu PC120-6, 0.63 cy, 89HP	\$66.80	\$64.70
Komatsu PC160LC-7, 0.85 cy, 115HP	\$86.50	\$83.80
Komatsu PC200-7, 1.0 cy, 143HP	\$97.20	\$94.40
Komatsu PC220LC-8, 1.57 cy, 168HP	\$129.70	\$125.70
Komatsu PC270LC-8, 1.85 cy, 187HP	\$145.40	\$140.80

LOADERS		
Class	Age (Years)	
	5	15
 <p>Crawler Loader</p>		
Caterpillar 939C, 1½ cy, 90 HP	\$64.80	\$63.00
Caterpillar 953C, 2.42 cy, 128 HP	\$106.80	\$103.50
Caterpillar 963C, 3.2 cy., 158 HP	\$137.10	\$133.10
 <p>Wheel Loader-Backhoe</p>		
Deere 310G, Diesel, 1 cy, 70 HP, WD, Extendable backhoe stick, Digging	\$40.10	\$39.30

CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 77284

Proposal

Date: 3/19/20
 Owner: Fort Bend County
 Project: Braxton Street
 Ref. RFI: 18
 Description: Cost to modify precast Manholes

RFP: 8 REVISED

Materials:

Item	Qty	Unit	Unit Price	Unit Total
concrete for collar/patching around RCP connection	1	LS	\$ 100.00	\$ 100.00
Husqvarna QH5 14" diamond blade	5	EA	\$ 76.75	\$ 383.75
Subtotal				\$ 483.75
Total Material				\$ 483.75

Labor:

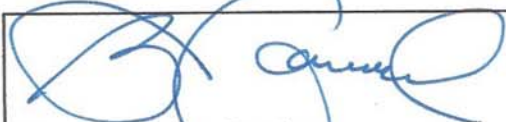
Name and/or Position	Qty	Unit	Unit Price	Unit Total
Utility crew with Foreman	5	hr	\$ 175.00	\$ 875.00
			\$ -	\$ -
Subtotal				\$ 875.00
Labor Burden (Workers Comp, FICA, Insurance)			55%	\$ 481.25
Total Labor				\$ 1,356.25

Equipment:

Item	Qty	Unit	Unit Price	Unit Total
excavator	3	hr	\$ 97.20	\$ 291.60
Pneumatic breaker	3	hr	\$ 14.30	\$ 42.90
			\$ -	\$ -
Subtotal				\$ 334.50
Total Equipment				\$ 334.50

Total Equipment, Labor, Material, Misc.	\$ 2,174.50
OH&P 15%	\$ 326.18
SubTotal	\$ 2,500.68
Total	\$ 2,500.68

Time Request	3 days
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 Brian Conrad - Vice President

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Features & Benefits

Data Sheets

14" diamond blade for cutting concrete.



(https://www.cmcconstructionservices.com/content/images/thumbs/0005297_husqvarna-14x125x120mm-platinum-qh5-diamond-blade.jpeg)

Manufacturer Part #: 542791800

SKU: 542791800

Husqvarna 14"x.125"x1"/20mm Platinum QH5 Diamond Blade

\$70.90 / EA

Qty: EA

+ tax

\$76.75 / EA

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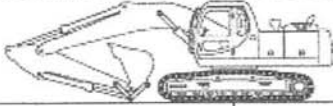
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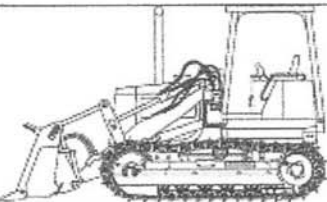
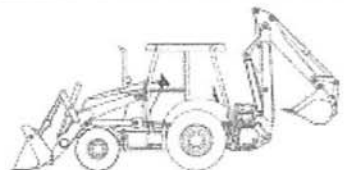
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Equipment Rates

DISTRIBUTORS		
Class	Age (years)	
	5	15
Truck Mounted, Tandem Axle, Gas		
1,600 Gal	\$33.50	\$31.70
2,000 Gal	\$34.00	\$32.10
3,100 Gal	\$37.50	\$35.50


HYDRAULIC EXCAVATORS - CRAWLER MOUNTED		
		
Class	Age (Years)	
	5	15
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Caterpillar 312C L, 0.68 cy, 90HP	\$70.10	\$67.80
Caterpillar 320C L, 1.25 cy, 138HP	\$114.80	\$111.20
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Komatsu PC200-7, 1.0 cy, 143HP	\$97.20	\$94.40
Komatsu PC220LC-8, 1.57 cy, 168HP	\$129.70	\$125.70
Komatsu PC270LC-8, 1.85 cy, 187HP	\$145.40	\$140.80

LOADERS		
Class	Age (Years)	
	5	15
		
Crawler Loader		
Caterpillar 939C, 1½ cy, 90 HP	\$64.80	\$63.00
Caterpillar 953C, 2.42 cy, 128 HP	\$106.80	\$103.50
Caterpillar 963C, 3.2 cy., 158 HP	\$137.10	\$133.10
		
Wheel Loader-Backhoe		
Deere 310G, Diesel, 1 cy, 70 HP, WD, Extendable backhoe stick, Digging	\$40.10	\$39.30

Equipment Rates

**Table 622. Equipment Rates (Cost/Hr without Operator)
2009 Blue Book +10% overhead + 6 % profit**

AIR EQUIPMENT		
Class	Age (years)	
	5	15
Portable Rotary Screw Air Compressor, Diesel		
100 cfm, 32 HP	\$11.70	\$11.70
160 cfm, 60 HP	\$18.10	\$18.00
375 cfm, 115 HP	\$34.50	\$34.50
450 cfm, 150 HP	\$43.80	\$43.70
600 cfm, 275 HP	\$73.30	\$73.20
Hand-Held Pavement Breaker		
Pavement Breaker 60-65 lbs	\$1.20	\$1.10
Pneumatic Impact Breaker		
Kent KB-2600 Air Ram, 2,000 flb, 600 bpm	\$14.30	\$13.80
Air Track Drill		
Ingersoll Rand LM 100A/ YD90, Maximum Hole Size: 2 1/ 2", Drill Type: Drifter	\$43.00	\$40.30
Ingersoll Rand CM 345/ VL140, Maximum Hole Size: 4", Drill Type: Drifter	\$53.30	\$49.80

COMPACTION EQUIPMENT		
Class	Age (Years)	
	5	15
Hand Held Rammer		
Gas, Pounds per Blow: 3180, Shoe Size: 4" - 13", 4 HP	\$5.90	\$5.60
Hydraulic Compactor for Backhoe Mounting		
Allied 9700C W/ Swivel, Impulse Force: 13,400 lbs, Cycles per Minute: 2000	\$11.20	\$10.80
Towed Pneumatic Compactor		
Hercules PT-9, 9.6 Ton, 9 Wheels	\$16.60	\$16.20
Towed Steel Drum Static Compactor		
Hercules GTD 5496, 2 Drums, Grid	\$22.50	\$21.70
		
Self Propelled Pneumatic Compactor		
Caterpillar PS-150C, Diesel, 9 Wheels, 96 HP	\$53.70	\$52.50
Hypac C550H, Diesel, 9 Wheels, 99 HP	\$84.70	\$82.70



Phone: (713) 937-3081 Fax (713) 937-1172

RFP 9

**Revised pricing for # 61 - PLUG & ABANDON EXIST. 4" RAW
WATERLINE & 6" WATERLINE WHERE ENCOUNTERED**

Due to large quantity overrun of this pay item, Conrad Construction is offering a 25% decrease in price for this item of work.

Original bid pricing = \$1000.00/EA

New pricing = \$750.00/EA

Total reduction on previous payments from Fort Bend Co =
- \$11,000.00

Brian Conrad
Vice President
Conrad Construction Co., LTD

3/19/20

CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 77284

Proposal

Date: 3/19/20
 Owner: Fort Bend County
 Project: Braxton Street
 Ref. RFI:
 Description: Cost for wheel chair ramps

RFP: 10

Materials:

Item	Qty	Unit	Unit Price	Unit Total
4.5" concrete w/ reinforcement	540	SF	\$ 2.25	\$ 1,215.00
			\$ -	\$ -
Subtotal				\$ 1,215.00
Total Material				\$ 1,215.00

Labor:

Name and/or Position	Qty	Unit	Unit Price	Unit Total
Paving Crew with Foreman	2	day	\$ 2,000.00	\$ 4,000.00
			\$ -	\$ -
Subtotal				\$ 4,000.00
Labor Burden (Workers Comp, FICA, Insurance)			55%	\$ 2,200.00
Total Labor				\$ 6,200.00

Equipment:

Item	Qty	Unit	Unit Price	Unit Total
excavator	6	hr	\$ 97.20	\$ 583.20
Wheel Loader	6	hr	\$ 58.40	\$ 350.40
Subtotal				\$ 933.60
Total Equipment				\$ 933.60

Total Equipment, Labor, Material, Misc.	\$ 8,348.60
OH&P 15%	\$ 1,252.29
SubTotal	\$ 9,600.89
Total	\$ 9,600.89
TOTAL PER SF	/540 SF \$ 17.78
Time Request	2 days

Pricing based on SF basis due to unknown final dimentions and field adjustments
 No ramps shown on construction plans

Brian Conrad - Vice President

From: Conrad Beinstingel
Sent: Thursday, March 12, 2020 10:16 AM
To: Brian Conrad; Ric Bolin
Cc: Crawford, Wesley; MobilityConstruction; Vincent Jacob
Subject: Braxton - Sidewalk Ramps

It has come to our attention that there are going to be some sidewalk ramps needed at the intersections along the east side of the roadway where the sidewalk will be installed since the roadway intersection will be concrete around to the curb returns along the side street. We have determined that we will need 2 – Type 7 Ramps at Guess and 4 – Type 10 Ramps at Lum and Gin. This will be a total of 6 additional ramps. I have attached a detail for the ramps.

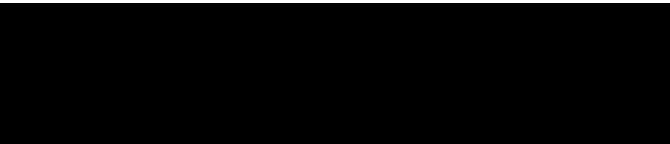
We also have 1 – Type 2 and 1 – Type 1 at a mid-block location that may be installed. We are reviewing the need for these 2 ramps.

However, we would like to get an RFP for the cost for these ramps.

Please provide a cost. We are trying to get this addressed before they need to be installed.

Thank you,

CONRAD J. BEINSTINGEL / QA/QC Manager / Senior Designer
Isani Consultants L.P



ISANICONSULTANTS.COM



Request for Information - DETAILS REPORT

RFI ID:	RFI-13116x-0011	Project Number:	13116x
Created By:	Brian Conrad	Project Name:	Braxton Street (13116x)
Identified Date:	02/03/2020	Respond By:	02/03/2020
Contract:	81	Reason:	Design Change

Linked Objects

Description	Source Form	Contract Name
No records to display		

Request for Information

Subject: Crawford Street drainage tie in

Priority:

Question/Clarifications Required: At sta. 23+66 plans show existing 30" stub out at Crawford st. to be at ele. 89.41 and existing flowline of 48" trunk line to be at 87.10 and 87.00 We have verified that actual condition are very different. Flowline of the 48" RCP at the manhole is at 88.66 and 30" pipe from Crawford street is slightly deeper at 88.46 We have also verified that drainage on Crawford street is flowing towards Braxton - with the next MH shot at FL elevation 90.35 which is 400' to the north. If 30" line idropped to same flowline as the 48" RCP (ele.. 87.00) at this MH it may hold approximately 2" of water. Otherwise either more of 30" drainage would need to be removed and replaced down Crawford st. slightly higher or a new parallel lead will need to run from the 30" stub out down Braxton street to another MH with lower elevation further down the project. Please advise

Response/Clarification: It will be acceptable to D&A for the storm drain line to hold 2" of residual water in the 30" line if this is also acceptable to F Bend County.

Impact to Scope: Medium

Impact to Cost: **Estimated Impact on Cost** 0.00 (\$):

Impact to Schedule: **Estimated Impact on Schedule(days):**

Internal Discussions

From	To	Message	Due Date	Status	Response	Response Date
No records to display						

Workflow History

Status	Pending On	Date	User	Action	Action User	Action Date	Due Date Override
Notes							
Draft	Contractor User,Field Engineer	02/03/2020	Brian.Conrad	Submit Request	Brian.Conrad	02/03/2020	
Awaiting RFI Response	Field Engineer	02/03/2020	Brian.Conrad				

PAVING

UTILITIES

PROJECT



PAGE 1 OF 2 FILE

BY DATE

PHONE 713-937-3081

FAX 713-937-1172

Draxton Street

Change Order No. 2

Deduct:

item # 21 Temporary asphalt pmt. with Hmac Type B Black base (RFP 5) sy 463 @ \$ 50.00 = \$ 23,150.00

Total Deduct = \$ 23,150.00

This was changed to 37 because 125% should be under the original pay item unit cost.

Add:

item # 71 Temporary pavement widening (8" crushed conc. / 4" asphalt) (RFP 5) sy 463 @ \$ 39.50 = \$ 18,288.50

2/17, 2/18, 3/13, 3/27, 4/7, 4/20

item # 72 Replace and lower long side water services (RFP 6 REV.) EA 8 @ \$ 1,636.84 = \$ 13,094.72

2/18, 2/19

item # 73 modify precast inlets due to design changes (RFP 7 REV.) EA 3 @ \$ 1,339.12 = \$ 4,017.36

item # 74 modify precast manholes due to design changes (RFP 8 REV.) EA 3 @ \$ 2,500.68 = \$ 7,502.04

2/11, 3/2

item # 75 Plug & abandon exist 4" raw line and 6" water line where encountered (RFP 9) EA 38 @ \$ 750.00 = \$ 28,500.00

PAVING

UTILITIES



CONRAD CONSTRUCTION CO., INC.

PHONE
713-937-3081

FAX
713-937-1172

PROJECT

PAGE 2 OF 2 FILE

BY DATE

Staxton Street

Add: cont'd.

Item # 76

Concrete wheelchair ramps (RFP10)

$$\text{SF } 540 @ \$ 17.78/\text{SF} = \$ 9,601.20$$

$$\text{Total Add} = \$ 81,003.82$$

$$144,866.24$$

$$\text{Net Added to Contract} = \$ 57,853.82$$

$$121,716.24$$



DATE: 2/11/20

FOREMANS DAILY REPORT

JOB: Braxton JOB#: 319 CONTRACT TIME: DAY _____ OF _____

WORK DAY: YES/NO WEATHER: _____

ITEM#	DESCRIPTION	QUANTITY / UNIT
# C.O	WORK 10 hrs TO modify EXISTING m. 14 on Braxton and Crawford	10 hrs
# C.O	modify 1- EXISTING and 1- PROPOS STA 27+76 <small>EXISTING MH at Crawford + proposed MH</small>	2 E.A
# 46	TRENCH SAFETY FOR 30" RCP ON STA 27+76	12 LF
# 47	PUT 30" RCP FROM EX m. 14 TO AT PROPOS m. 14 = 12'	12 LT
# 61	PUT 2 EX 4" and 6" WATER LIND 2-4" and 2-6"	4 E.A

REMARKS, VISITORS, DELAYS, ETC. WORK 10 hrs TO REMOVE THE EXISTING CONCRETE FROM EXISTING m. 14 TO TIT THE 30" RCP WALLS (S) DIAMOND BLADES AND RENT W/ JACK HAMMER TO PUT THE 30" RCP AND MODIFY THE PROPOS m. 14 27+76

INSPECTOR _____

Eloy
FOREMAN



DATE: 2/17/20

FOREMANS DAILY REPORT

JOB: Braxton JOB#: 319 CONTRACT TIME: DAY _____ OF _____

WORK DAY: YES/NO WEATHER: _____

ITEM#	DESCRIPTION	QUANTITY / UNIT
#6.0	put low concrete barriers on Braxton	1,400 LF
#5	MILLING EXISTING PAVEMENT on (E) side of Braxton face #3	1,800
#8	remove EXISTING ASPHALT on (E) side of Braxton face #3	1,800
#6.0	Temporary Base on Braxton on (W) side for face #3 From STA 23+25 to 13+25 = 1.000 x 4 = 4.000	4,444.44

REMARKS, VISITORS, DELAYS, ETC. put low concrete barriers
 put temporary detour
 mill EXISTING ASPHALT
 remove EXISTING ASPHALT

INSPECTOR _____

Eloy
FOREMAN



DATE 2/18/20

FOREMANS DAILY REPORT

JOB: Braxton JOB#: 319 CONTRACT TIME: DAY _____ OF _____

WORK DAY: YES/NO WEATHER: _____

ITEM#	DESCRIPTION	QUANTITY / UNIT
#6.0	Lowet water lines service 30" and pilotait #13419/#13415/#13411/ #13407/#13331	5 EA
#6.0	Temporary Driveways on Braxton for face #3 ①② Driveways $22 \times 12 \div 9 = 29.33 \times 12 = 352$ ^{sq}	352 sq

REMARKS, VISITORS, DELAYS, ETC. LOWET EXISTING
WATER SERVICE AND PILOTAIT

INSPECTOR _____ FOREMAN FLOY



DATE: 3/2/20

FOREMANS DAILY REPORT

JOB: BLAXTON JOB#: 319 CONTRACT TIME: DAY 113 OF 213

WORK DAY: YES/NO WEATHER: _____

ITEM#	DESCRIPTION	QUANTITY / UNIT
#46	TRENCH SAFETY FOR 24" RCP ON STA	33 LF
#48	PUT 24" RCP FOR INLET ON STA 26+80	33 LF
#54	PUT TYPE 'A' INLET ON STA 26+80 LT	1 E.A
#32	INLET PROTECTION ON STA 26+80 LT	1 EA
#C-0	MODIFY EXISTING M.H. 26+80 TO PUT 24" RCP	1 EA

REMARKS, VISITORS, DELAYS, ETC. PUT 24" RCP
PUT INLET and MODIFY EX M.H.

INSPECTOR _____

ELOY
FOREMAN



FOREMANS DAILY REPORT

DATE: 3/27/20
Friday

JOB: Braxton Street JOB#: 319 CONTRACT TIME: DAY 138 OF 242

WORK DAY: YES/NO WEATHER: Sunny

ITEM#	DESCRIPTION	QUANTITY / UNIT
C.O.	Remove concrete pavement on Braxton and intersection of Crawford $17.5 \times 15 \div 9 = 29.16$ sy	29.16 sy
C.O.	Flexible base temporary driveway $20 \times 18 \div 9 = 40$	<u>40 sy</u>
C.O.	Remove existing old water line 4"	60' LF
C.O.	Flexible base widening line STA 23+07 to 28+47	<u>480 sy</u>

$540 \times 8 / 9 = 480$ sy

REMARKS, VISITORS, DELAYS, ETC. Shoot grade and proof of rolling on Braxton Street

INSPECTOR

Omar FOREMAN Garibay



FOREMANS DAILY REPORT

DATE: 4/17/20
tuesday

JOB: Braxton Street JOB#: 319 CONTRACT TIME: DAY _____ OF _____

WORK DAY: YES/NO WEATHER: Sunny

ITEM#	DESCRIPTION	QUANTITY / UNIT
# 8	Remove of existing asphalt $1,750 \times 15 \div 9 = 2,916.66$ sy	2,916.66 2,916.66
C.O	Flexible base Widening line on Braxton STA 6+00 to 4+10 4+17 $183' \times 10 \div 9 = 203.33$ ✓	203.33 sy

REMARKS, VISITORS, DELAYS, ETC. Remove of flexible base and widening a detour line on Braxton street

INSPECTOR _____ FOREMAN Omar Garibay



DATE: 4/20/20
Monday

FOREMANS DAILY REPORT

JOB: Braxton Street JOB#: _____ CONTRACT TIME: DAY _____ OF _____

WORK DAY: YES/NO WEATHER: Partly Sunny

ITEM#	DESCRIPTION	QUANTITY / UNIT
#19	Lime stabilized subgrade 8" STA 14+33 to 18+67 $434 \times 16 \div 9 = 771.55$ sy $771.55 \times 53 \div 2,000 = 20.44$ tons	771.55 sy
#20	Lime	20.47 tons
C.O	Flexible base temporary driveways 6 total $10' \times 18 \div 9 = 20$ sy $20 \times 6 = 120$ sy	120 sy

REMARKS, VISITORS, DELAYS, ETC. Put down lime on Braxton street

INSPECTOR _____ FOREMAN Omar Garibay

Conrad Beinstingel

From: Brian Conrad <brianwconrad@hotmail.com>
Sent: Thursday, May 21, 2020 11:22 AM
To: Conrad Beinstingel; Ric Bolin
Cc: Crawford, Wesley; MobilityConstruction; Vincent Jacob; Don Conrad
Subject: RE: Braxton - Change Order 2

Thank you, its been approved.

Brian Conrad
Conrad Construction Co., LTD

From: Conrad Beinstingel <conrad@isaniconsultants.com>
Sent: Thursday, May 21, 2020 10:49:28 AM
To: Brian Conrad <brianwconrad@hotmail.com>; Ric Bolin <rbolin@swbell.net>
Cc: Crawford, Wesley <Wesley.Crawford@fortbendcountytexas.gov>; MobilityConstruction <MobilityConstruction@fortbendcountytexas.gov>; Vincent Jacob <vjacob@isaniconsultants.com>; Don Conrad <lobid@hotmail.com>
Subject: Braxton - Change Order 2

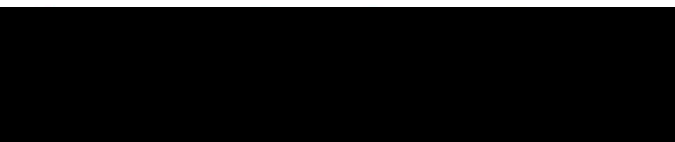
I have reviewed the information provided and made changes to the change order. To move the change order forward, I have sent it to you for review and approval. Please also provide a Form 1295 when you return it.

I have not included the additional manhole adjustments at this time. I need to review this information further before including on a change order. They will be included on the next change order.

Also as previously requested, please provide the project name in the Subject Line on every email.

Thank you,

CONRAD J. BEINSTINGEL / QA/QC Manager / Senior Designer
Isani Consultants L.P



ISANICONSULTANTS.COM

From: Brian Conrad <brianwconrad@hotmail.com>
Sent: Thursday, May 21, 2020 10:39 AM
To: Conrad Beinstingel <conrad@isaniconsultants.com>; Ric Bolin <rbolin@swbell.net>
Cc: Crawford, Wesley <Wesley.Crawford@fortbendcountytexas.gov>; MobilityConstruction <MobilityConstruction@fortbendcountytexas.gov>; Vincent Jacob <vjacob@isaniconsultants.com>; Don Conrad <lobid@hotmail.com>
Subject: RE: CO 2

Conrad-

Pay Item 61 & 75

I have reviewed current Fort Bend County specifications as well as Harris County specifications. I can't find any mention of quantity overruns requiring an adjustment in unit pricing.

The only time we have encountered this is with City of Houston – which we do the majority of our work with. I have attached their General Conditions explaining the method for unit price adjustment. This states that a party may request an adjustment if the quantity differs by 25% or more. For the cut and plugs there is a contract amount of 6 EA. Pricing adjustment should be made for the portion that differs by more than 25%. In this case 7 should be paid at contract price and the remaining 37 to be paid at new unit pricing added by change order. Neither the County or the Contractor can make changes to existing unit pricing in the contract but additional quantity over 25% may be open to negotiation.

Let me know if you see something in the Fort Bend County or Harris County specification that says something different. If not we should follow the City of Houston specification.

Brian Conrad
Conrad Construction Co., LTD

From: [Conrad Beinstingel](#)
Sent: Thursday, May 21, 2020 9:39 AM
To: [Brian Conrad](#); [Ric Bolin](#)
Cc: [Crawford, Wesley](#); [MobilityConstruction](#); [Vincent Jacob](#)
Subject: RE: CO 2

I have not completed the change order because I was trying to include the latest manhole adjustments in it as we discussed. My responses to your comments are below in **RED**.

I can send you the revised Change Order as stated below or I can sent it to you tomorrow with the additional manhole adjustments included.

Please let me know.

Thank you,

CONRAD J. BEINSTINGEL / QA/QC Manager / Senior Designer
Isani Consultants L.P

[ISANICONSULTANTS.COM](#)

From: Brian Conrad <brianwconrad@hotmail.com>
Sent: Wednesday, May 20, 2020 3:26 PM
To: Conrad Beinstingel <conrad@isaniconsultants.com>; Ric Bolin <rbolin@swbell.net>
Subject: CO 2

Conrad –

I see a CO 2 draft in Masterworks. There are items that still need to be corrected.

Pay Item

I sent reports for the 8 water services and 3 manhole modifications. These quantities were not revised. I have increased the water service quantity to 8. The manhole modification should only be 2. The new manhole that was installed on 2/11 was paid for under Pay Item #50.

Also we can not deduct \$44k worth of cut and plugs from the contract. This was not part of the contract and will actually reduce the original contract. There were only 6 and these are to be paid at contract price. The other that were previously paid can just be deducted off the next pay estimate. You can add a new pay item #75 for additional cut and plugs at a new price and quantity of 38 Ea. I agree that we will not deduct 44 from Pay Item #61 (that was my fault, sorry). We will only deduct the 6 included in the project. However, the reduced price will be for all of the cut and plugs, not just for the one over the ones included in the original contract. A reduction in cost is warranted because the quantity of the items installed exceeded the contract quantity by 700%. Thus, the unit price would have been lower for ALL of the installation not just the ones beyond the original quantity.

Total add to the contract needs to be \$121,716.24 for this change order or we will run out of money if all items reach 100%. Based on these modifications the total should be \$117,715.56 without the other manhole adjustments added.

See my attached work up and call me or Ric if you have any questions.

Brian Conrad
Conrad Construction Co., LTD

After discussing with the Contractor, he provided clarification that the modification to the Manhole to lower the pipe at Crawford was in addition to the installation of the manhole. The lowering of the pipe was covered in RFI 11 response. Therefore 3 manholes were modified. (Pay Item 73)

- Recent Projects
- Braxton Street (131164)
- My Tasks
- Documents
- Metadata Search
- Risks & Issues
- Collaboration
- Contracts
- Braxton Street
- Contract Items
- Change Management
- Contract Change Order
- Request For Proposal
- Progress Tracking
- Billings & Payments
- Submittal Forms

Name	Line Number	Item Description	Spec No.	Group	Budget Item	Account	Unit	Quantity	Unit Price in \$	Fund Rule	Amount in \$
Design											0.00
RoW, Env & Utilities											0.00
Bidding											0.00
Construction											78,078.72
A: SITE PREPARATION & WORK ZONE											0.00
B: REMOVALS											11,487.88
72	72	Replace & lower long side water line services		Default		EA		8	1,436.84	Mobility Bonds	11,494.72
C: ROADWAY											68,602.12
21	21	TEMPORARY ASPHALT PAVEMENT WITH BLACK BASE		Default		SY		-463.0000	50.00	Mobility Bonds	-23,150.00
71	71	8" Crushed Concrete		Default		SY		2,079.7700	39.50	Mobility Bonds	82,150.92
78	78	Wheel Chair Ramps		Default		SF		340.0000	17.78	Mobility Bonds	9,501.20
D: SWPPP											0.00
E: WASTEWATER MAIN & SERVICES											0.00
F: DRAINAGE											9,618.72
73	73	Modify precast inlet		Default		EA		3.0000	1,339.12	Mobility Bonds	4,017.36
74	74	Modify manhole		Default		EA		3.0000	2,500.69	Mobility Bonds	7,502.07
G: SIGNING AND PAVEMENT MARKINGS											0.00
H: 4" RAW WATER LINE BY TRENCHLESS											-11,000.00
61	61	PLUG & ABANDON EXISTING 4" RAWLINE & 6" WATER LINE WHERE ENCOUNTERED		Default		EA		1.0000	1,000.00	Mobility Bonds	1,000.00
75	75	4" Raw line & 6" WL Plug & Abandonment (Revised Cost)		Default		EA		44.0000	750.00	Mobility Bonds	33,000.00
Total Amount: \$ 78,078.72											

this needs to be removed cant deduct \$44k from the original contract this was not in our contract

New items for additional cut/plug Additional!

the other 6 are to be paid as part of original contract

This was changed to a quantity of 1 to address 125% original pay item cost.

This was reduced because of the

72 13,094.

3 7502.07

38 121,716.24

cant deduct 47 there were only 6 in the contract amount. these 6 to be paid at contract price.

We will deduct the other 38 on the next pay app that were paid previously