



Memorandum

Date: October 27, 2022

To: John Harbarger
Bryan Garland, Hot Iron, Inc

Cc: John Stearns, Steve Martinez, Nick Larsen

From: Alan Corey, CEPI

WO #: 20-012

Subject: Downtown 2nd and 3rd Street Utilities Improvements Project - Change Order No. 4 (final cleanup)

Enclosed is Change Order No. 4 for your review and approval.

Change Order No. 4 balances the installed quantities and the bid quantities. If you have any questions or concerns, please don't hesitate to contact me.

Thank You

CITY OF DOUGLAS
CHANGE ORDER

NO. 4 (final)

PROJECT: Downtown 2nd and 3rd St Utilities (20-012) DATE OF ISSUANCE: 10-27-2022
 OWNER: City of Douglas
 CONTRACTOR: Hot Iron, Inc
 ENGINEER: Civil Engineering Professionals, Inc

You are directed to make the following changes in the Contract Documents:

Description: Balance the bid quantities and the installed quantities

Attachments: Memo, CEPI Spreadsheet, CO form

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price: \$1,503,050.17	Original Contract Time: Substantial Completion: June 30, 2022 Final Completion: July 15, 2022
Previous Change Orders No. <u>3</u> to 0 \$208,842.40	Net change from previous Change Orders (days): 60
Contract Price prior to this Change Order: \$1,711,892.57	Contract Time Prior to this Change Order: Substantial Completion: August 29, 2022 Final completion: September 13, 2022
Net Increase/ Decrease of this Change Order: -\$204,155.88	Net Increase/Decrease of this Change Order: Substantial = 0 calendar days Final = 0 calendar days
Contract Price with all approved Change Orders: \$1,507,736.69	Contract Time with all approved Change Orders: Substantial completion: August 29, 2022 Final completion: September 13, 2022

ACCEPTED:

RECOMMENDED:

APPROVED:

BY: [Signature] Contractor BY: [Signature] Engineer BY: _____ Owner

Downtown 2nd and 3rd St Utilities
Change Order Log
HOT IRON, INC

Schedule A - 1.5 Alley & 2nd Street										
Item	Description	Unit	Current Contract as of CO3			Proposed CO No. 04			Total Quantity Difference	Total Cost Difference
			Quantity	Unit Cost	Total COST	Quantity	Unit Cost	Total Cost		
1	Mobilization and Bonds	LS	1	\$ 68,395.00	\$ 68,395.00	1.00	\$ 68,395.00	\$ 68,395.00	0.00	\$ -
2	8" DR 18 C900 PVC Water Main	LF	950	\$ 69.07	\$ 65,616.50	958.00	\$ 69.07	\$ 66,169.06	8.00	\$ 552.56
3	8" Gate Valve	EA	2	\$ 2,512.94	\$ 5,025.88	2.00	\$ 2,512.94	\$ 5,025.88	0.00	\$ -
4	8" Fittings	EA	4	\$ 1,107.48	\$ 4,429.92	4.00	\$ 1,107.48	\$ 4,429.92	0.00	\$ -
5	Fire Hydrant Assembly	EA	3	\$ 7,920.15	\$ 23,760.45	3.00	\$ 7,920.15	\$ 23,760.45	0.00	\$ -
6	Connect to Existing Water Main	EA	2	\$ 2,223.30	\$ 4,446.60	2.00	\$ 2,223.30	\$ 4,446.60	0.00	\$ -
7	1" Water Service Reconnect	EA	23	\$ 1,304.16	\$ 29,995.68	25.00	\$ 1,304.16	\$ 32,604.00	2.00	\$ 2,608.32
8	1.5"-2" Water Service Reconnect	EA	2	\$ 2,353.10	\$ 4,706.20	2.00	\$ 2,353.10	\$ 4,706.20	0.00	\$ -
9	4" Fire Line Assembly w/ Valve	EA	1	\$ 3,969.93	\$ 3,969.93	2.00	\$ 3,969.93	\$ 7,939.86	1.00	\$ 3,969.93
10	8" SDR35 PVC Sewer Pipe	LF	550	\$ 68.76	\$ 37,818.00	522.00	\$ 68.76	\$ 35,892.72	(28.00)	\$ (1,925.28)
11	4" Sanitary Sewer Service Connection	EA	15	\$ 1,179.07	\$ 17,686.05	15.00	\$ 1,179.07	\$ 17,686.05	0.00	\$ -
12	48" Sanitary Sewer Manhole	EA	3	\$ 3,968.27	\$ 11,904.81	3.00	\$ 3,968.27	\$ 11,904.81	0.00	\$ -
13	Connect to Existing Sewer Main	EA	2	\$ 932.89	\$ 1,865.78	2.00	\$ 932.89	\$ 1,865.78	0.00	\$ -
14	Select Backfill	CY	1500	\$ 54.64	\$ 81,960.00	460.00	\$ 54.64	\$ 25,134.40	(1040.00)	\$ (56,825.60)
15	Foundation Material	CY	150	\$ 50.15	\$ 7,522.50	24.00	\$ 50.15	\$ 1,203.60	(126.00)	\$ (6,318.90)
16	Control Density Flow Fill	CY	15	\$ 178.75	\$ 2,681.25	11.00	\$ 178.75	\$ 1,966.25	(4.00)	\$ (715.00)
17	Subgrade Repair	CY	85	\$ 49.64	\$ 4,219.40	78.10	\$ 49.64	\$ 3,876.88	(6.90)	\$ (342.52)
18	Alley Aprons, Valley Gutters, & Driveway Approaches	SY	100	\$ 158.75	\$ 15,875.00	100.00	\$ 158.75	\$ 15,875.00	0.00	\$ -
19	Concrete Sidewalk	SY	365	\$ 70.15	\$ 25,604.75	56.50	\$ 70.15	\$ 3,963.48	(308.50)	\$ (21,641.28)
20	Curb and Gutter	LF	365	\$ 48.70	\$ 17,775.50	365.00	\$ 48.70	\$ 17,775.50	0.00	\$ -
21	ADA Ramp	EA	4	\$ 2,435.00	\$ 9,740.00	4.00	\$ 2,435.00	\$ 9,740.00	0.00	\$ -
22	4" Asphalt / 8" Grading 'W' Base Course	SY	3650	\$ 56.35	\$ 205,677.50	4,234.21	\$ 56.35	\$ 238,597.73	584.21	\$ 32,920.23
23	French Drain Assembly	LS	1	\$ 4,699.00	\$ 4,699.00	-	\$ 4,699.00	\$ -	(1.00)	\$ (4,699.00)
24	Landscaping Repairs	LS	1	\$ 6,900.00	\$ 6,900.00	1.00	\$ 6,900.00	\$ 6,900.00	0.00	\$ -
25	Traffic Control	LS	1	\$ 15,000.00	\$ 15,000.00	1.00	\$ 15,000.00	\$ 15,000.00	0.00	\$ -
26	Force Account	FA	5000	\$ 1.00	\$ 5,000.00	6,034.56	\$ 1.00	\$ 6,034.56	1034.56	\$ 1,034.56
SUBTOTAL - BID SCHEDULE A					\$ 682,275.70			\$ 630,893.73		\$ (51,381.97)

Schedule B - 3.5 Alley & 3rd Street										
Item	Description	Unit	Current Contract as of CO3			Proposed CO No. 04			Total Quantity Difference	Total Cost Difference
			Quantity	Unit Cost	Total COST	Quantity	Unit Cost	Total Cost		
1	Mobilization and Bonds	LS	1	\$ 77,935.00	\$ 77,935.00	1.00	\$ 77,935.00	\$ 77,935.00	0.00	\$ -
2	8" DR 18 C900 PVC Water Main	LF	1050	\$ 69.35	\$ 72,817.50	966.00	\$ 69.35	\$ 66,992.10	(84.00)	\$ (5,825.40)
3	8" Gate Valve	EA	2	\$ 2,612.94	\$ 5,225.88	1.00	\$ 2,612.94	\$ 2,612.94	(1.00)	\$ (2,612.94)
4	8" Fittings	EA	4	\$ 1,107.48	\$ 4,429.92	1.00	\$ 1,107.48	\$ 1,107.48	(3.00)	\$ (3,322.44)
5	4" Fire Line Assembly w/ Valve	EA	6	\$ 3,922.93	\$ 23,537.58	4.00	\$ 3,922.93	\$ 15,691.72	(2.00)	\$ (7,845.86)
6	6" Fire Line Assembly	EA	6	\$ 4,265.27	\$ 25,591.62	1.00	\$ 4,265.27	\$ 4,265.27	(5.00)	\$ (21,326.35)
7	Fire Hydrant Assembly	EA	2	\$ 7,665.46	\$ 15,330.92	2.00	\$ 7,665.46	\$ 15,330.92	0.00	\$ -
8	Connect to Existing Water Main	EA	2	\$ 2,223.30	\$ 4,446.60	2.00	\$ 2,223.30	\$ 4,446.60	0.00	\$ -
9	1" Water Service Reconnect	EA	27	\$ 1,380.74	\$ 37,279.98	26.00	\$ 1,380.74	\$ 35,899.24	(1.00)	\$ (1,380.74)
10	1.5"-2" Water Service Reconnect	EA	1	\$ 2,189.35	\$ 2,189.35	1.00	\$ 2,189.35	\$ 2,189.35	0.00	\$ -
11	2" Water Service Reconnect - No Curb Stop	EA	1	\$ 1,306.59	\$ 1,306.59	1.00	\$ 1,306.59	\$ 1,306.59	0.00	\$ -

12	8" SDR35 PVC Sewer Pipe	LF	1000	\$ 68.73	\$ 68,730.00	917.00	\$ 68.73	\$ 63,025.41	(83.00)	\$ (5,704.59)
13	4" Sanitary Sewer Service Connection	EA	23	\$ 1,180.77	\$ 27,157.71	26.00	\$ 1,180.77	\$ 30,700.02	3.00	\$ 3,542.31
14	48" Sanitary Sewer Manhole	EA	4	\$ 3,968.27	\$ 15,873.08	4.00	\$ 3,968.27	\$ 15,873.08	0.00	\$ -
15	Connect to Existing Sewer Main	EA	3	\$ 876.53	\$ 2,629.59	3.00	\$ 876.53	\$ 2,629.59	0.00	\$ -
16	Select Backfill	CY	1500	\$ 54.64	\$ 81,960.00	443.00	\$ 54.64	\$ 24,205.52	(1057.00)	\$ (57,754.48)
17	Foundation Material	CY	200	\$ 60.15	\$ 12,030.00	75.90	\$ 60.15	\$ 4,565.39	(124.10)	\$ (7,464.62)
18	Control Density Flow Fill	CY	25	\$ 159.75	\$ 3,993.75	3.00	\$ 159.75	\$ 479.25	(22.00)	\$ (3,514.50)
19	Subgrade Repair	CY	85	\$ 49.64	\$ 4,219.40	85.00	\$ 49.64	\$ 4,219.40	0.00	\$ -
20	Alley Aprons, Valley Gutters, & Driveway Approaches	SY	350	\$ 124.25	\$ 43,487.50	256.00	\$ 124.25	\$ 31,808.00	(94.00)	\$ (11,679.50)
21	Concrete Sidewalk	SY	300	\$ 69.80	\$ 20,940.00	36.30	\$ 69.80	\$ 2,533.74	(263.70)	\$ (18,406.26)
22	Curb and Gutter	LF	450	\$ 45.25	\$ 20,362.50	450.00	\$ 45.25	\$ 20,362.50	0.00	\$ -
23	4" Asphalt / 8" Grading 'W' Base Course	SY	4000	\$ 56.35	\$ 225,400.00	4,339.39	\$ 56.35	\$ 244,524.63	339.39	\$ 19,124.63
24	Landscaping Repairs	LS	1	\$ 6,900.00	\$ 6,900.00	1.00	\$ 6,900.00	\$ 6,900.00	0.00	\$ -
25	Traffic Control	LS	1	\$ 12,000.00	\$ 12,000.00	1.00	\$ 12,000.00	\$ 12,000.00	0.00	\$ -
26	Force Account	FA	5000	\$ 1.00	\$ 5,000.00	840.93	\$ 1.00	\$ 840.93	(4159.07)	\$ (4,159.07)
					SUBTOTAL - BID SCHEDULE B			\$ 692,444.66		\$ (128,329.81)

Approved Change Orders

Item	Description	Unit	Current Contract as of CO3			Proposed CO No. 04			Total Quantity Difference	Total Cost Difference
			Quantity	Unit Cost	Total COST	Quantity	Unit Cost	Total Cost		
CO2.1	Demolition and Removal	LS	1	\$ 6,760.00	\$ 6,760.00	1.00	\$ 6,760.00	\$ 6,760.00	0.00	\$ -
CO2.2	4" Asphalt / 8" Grading 'W' Base Course	SY	550	\$ 110.53	\$ 60,791.50	513.10	\$ 110.53	\$ 56,712.94	(36.90)	\$ (4,078.56)
CO2.3	Concrete Sidewalk	SY	220	\$ 70.40	\$ 15,488.00	159.90	\$ 70.40	\$ 11,256.96	(60.10)	\$ (4,231.04)
CO2.4	Curb and Gutter	LF	475	\$ 48.80	\$ 23,180.00	454.30	\$ 48.80	\$ 22,169.84	(20.70)	\$ (1,010.16)
CO2.5	12" SDR 35 PVC Storm Sewer	LF	700	\$ 55.45	\$ 38,815.00	650.00	\$ 55.45	\$ 36,042.50	(50.00)	\$ (2,772.50)
CO2.6	Catch Basin	EA	6	\$ 3,020.15	\$ 18,120.90	7.00	\$ 3,020.15	\$ 21,141.05	1.00	\$ 3,020.15
CO2.7	Connect to Existing Storm Sewer	EA	2	\$ 1,487.50	\$ 2,975.00	2.00	\$ 1,487.50	\$ 2,975.00	0.00	\$ -
CO2.8	Select Backfill	CY	300	\$ 45.64	\$ 13,692.00	-	\$ 45.64	\$ -	(300.00)	\$ (13,692.00)
CO2.9	Foundation Material	CY	100	\$ 42.15	\$ 4,215.00	-	\$ 42.15	\$ -	(100.00)	\$ (4,215.00)
CO2.10	Traffic Control	LS	1	\$ 3,200.00	\$ 3,200.00	1.00	\$ 3,200.00	\$ 3,200.00	0.00	\$ -
CO2.11	ADA Ramps	EA	3	\$ 2,535.00	\$ 7,605.00	4.00	\$ 2,535.00	\$ 10,140.00	1.00	\$ 2,535.00
CO3.1	Tree Removal	EA	4	\$ 3,500.00	\$ 14,000.00	4.00	\$ 3,500.00	\$ 14,000.00	0.00	\$ -
					APPROVED CHANGE ORDERS			\$ 184,398.29		\$ (24,444.11)

Schedule A Subtotal	\$ 682,275.70	Schedule A Subtotal Estimated	\$ 630,893.73	Schedule A Subtotal Estimated	\$ (51,381.97)
Schedule B Subtotal	\$ 820,774.47	Schedule B Subtotal Estimated	\$ 692,444.66	Schedule B Subtotal Estimated	\$ (128,329.81)
Change Orders	\$ 208,842.40	Change Orders Estimated	\$ 184,398.29	Change Orders Estimated	\$ (24,444.11)
Contract Total	\$ 1,711,892.57	CO No. 4 Total	\$ 1,507,736.69	Total Difference	\$ (204,155.88)