



CHANGE ORDER

PROJECT : Southeast Sewer Separation - Phase II
OWNER : City of Auburn – Board of Public Works and Safety
CONTRACTOR : Ironclad Excavating, Inc.

This Change Order constitutes full mutual accord and satisfaction for all time and all cost related to this change. By acceptance of this Change Order, the Contractor hereby agrees that the change represents an equitable adjustment to the Contract and further agrees to waive all rights to file any further claims or charges arising out of or as a result of this change, or the accumulation of changes on this contract.

The Contractor is directed to make the following changes in the Contract Documents as set forth in this Change Order and attachments (see attached cost breakdown) :

Description of the Changes:

- 1 Add Base Bid Item 126- Tree Stump Removal-16th Street
- 2 Add Base Bid Item 127- Sanitary Sewer Lateral Relocation - 317 16th Street

Reason for Changes :

- 1 Existing tree was not shown on drawings. Required to be moved as part of project. City removed tree. Contractor removed stump.
- 2 Contractor discovered existing sewer lateral on 16th Street. City records did not show this lateral. Lateral had to be rerouted from the 16th Street sewer to the east to the existing sewer in the alley.

Attachments :

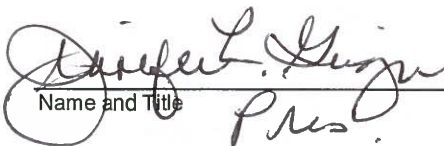
- CO 4 - 1 Ironclad Excavating, Inc. Invoice T2016-5018-23 dated 2/8/2016 (1 page)
CO 4 - 2 Ironclad Excavating, Inc. Invoice T2016-5018-21 and T2016-5018-22 dated 2/8/2016 (2 pages)

Original Contract Price :	\$3,175,132.50		
Contract Price Prior to this Change Order :	\$3,153,762.26	Current Contract Time (substantial completion):	390 days
Net Change resulting from this C.O. :	+\$3,018.75	Net Change resulting from this C.O. :	+0 days
Current Contract Price including this C.O. :	\$3,156,781.01	Current Contract Time including this C.O. :	390 days

IRONCLAD EXCAVATING, INC.

GAI CONSULTANTS, INC.

CITY OF AUBURN


Name and Title


Engineer of Record


Name and Title

Date : 2-22-2016

Date : 3-2-16

CHANGE ORDER

CHANGE ORDER NO. 4

OWNER: City of Auburn – Board of Public Works and Safety
PROJECT : Southeast Sewer Separation - Phase II

COST BREAKDOWN

Item Number	Description	Unit	Previous Quantity	Revised Quantity	Previous Unit Price	Revised Unit Price	Change In Extension (Decrease)	Change In Extension (Increase)	Revised Total Extension
1	Base Bid								
1	MOBILIZATION / DEMOBILIZATION	LS	1	1	\$131,250.00	\$131,250.00			\$131,250.00
2	TRAFFIC CONTROL	LS	1	1	\$24,073.00	\$24,073.00			\$24,073.00
3	EROSION CONTROL	LS	1	1	\$5,640.00	\$5,640.00			\$5,640.00
4	TREE REMOVAL, 1" TO 6"	EA	4	4	\$151.00	\$151.00			\$604.00
5	TREE REMOVAL, 7" TO 12"	EA	7	7	\$217.00	\$217.00			\$1,519.00
6	TREE REMOVAL, 13" TO 18"	EA	11	11	\$297.00	\$297.00			\$3,267.00
7	TREE REMOVAL, 19" TO 24"	EA	6	6	\$426.00	\$426.00			\$2,556.00
8	TREE REMOVAL, 25" TO 30"	EA	4	4	\$454.00	\$454.00			\$1,816.00
9	TREE REMOVAL, 31" TO 36"	EA	8	8	\$483.00	\$483.00			\$3,864.00
10	TREE REMOVAL, 48"	EA	1	1	\$909.00	\$909.00			\$909.00
11	OUTFALL CONSTRUCTION	LS	1	1	\$10,618.00	\$10,618.00			\$10,618.00
12	8" SANITARY SEWER - PVC SDR35	LF	23	23	\$42.50	\$42.50			\$977.50
13	10" SANITARY SEWER - PVC SDR35	LF	46	46	\$47.00	\$47.00			\$2,162.00
14	12" SANITARY SEWER - PVC SDR35	LF	75	75	\$92.00	\$92.00			\$6,900.00
15	18" SANITARY SEWER - PVC PS46	LF	20	20	\$122.00	\$122.00			\$2,440.00
16	24" SANITARY SEWER - PVC PS46	LF	39	39	\$92.00	\$92.00			\$3,588.00
17	30" SANITARY SEWER - RCP CLASS 3	LF	5	5	\$120.00	\$120.00			\$600.00
18	6" INLET PIPING - TYPE IV	LF	5	5	\$77.00	\$77.00			\$385.00
19	8" INLET PIPING - TYPE IV	LF	10	10	\$72.00	\$72.00			\$720.00
20	12" INLET PIPING - TYPE II	LF	423	423	\$57.00	\$57.00			\$24,111.00
21	12" INLET PIPING - TYPE IV	LF	435	435	\$55.00	\$55.00			\$23,925.00
22	12" INLET PIPING - PVC SDR21	LF	300	300	\$65.00	\$65.00			\$19,500.00
23	12" INLET PIPING - DI PC350	LF	748	748	\$60.00	\$60.00			\$44,880.00
24	12" INLET PIPING - RCP CLASS 4	LF	68	68	\$59.00	\$59.00			\$4,012.00
25	12" STORM SEWER - TYPE III	LF	318	318	\$51.00	\$51.00			\$16,218.00
26	15" STORM SEWER - TYPE III	LF	893	893	\$45.00	\$45.00			\$40,185.00
27	15" STORM SEWER - RCP CLASS 3	LF	679	679	\$63.00	\$63.00			\$42,777.00
28	16" STORM SEWER - D.I. PC350	LF	203	203	\$84.00	\$84.00			\$17,052.00
28A	16" STORM SEWER - PVC DR 25	LF	46	46	\$78.00	\$78.00			\$3,588.00
29	18" STORM SEWER - TYPE III	LF	743	743	\$51.00	\$51.00			\$37,893.00
30	18" STORM SEWER - RCP CLASS 3	LF	414	414	\$63.00	\$63.00			\$26,082.00
31	18" STORM SEWER - PVC PS46	LF	37	37	\$71.00	\$71.00			\$2,627.00
32	24" STORM SEWER - TYPE III	LF	644	644	\$75.00	\$75.00			\$48,300.00
33	24" STORM SEWER - RCP CLASS 3	LF	329	329	\$91.00	\$91.00			\$29,939.00
34	30" STORM SEWER - TYPE III	LF	356	356	\$88.00	\$88.00			\$31,328.00
35	30" STORM SEWER - RCP CLASS 3	LF	674	674	\$101.00	\$101.00			\$68,074.00
36	36" STORM SEWER - TYPE I	LF	331	331	\$124.00	\$124.00			\$41,044.00
37	36" STORM SEWER - TYPE III	LF	271	271	\$94.00	\$94.00			\$25,474.00
38	36" STORM SEWER - D.I. PC350	LF	0	0	\$301.00	\$301.00			\$0.00
38A	36" STORM SEWER - PVC DR 32.5	LF	92	92	\$237.00	\$237.00			\$21,804.00
39	42" STORM SEWER - RCP CLASS 3	LF	150	150	\$133.00	\$133.00			\$19,950.00
40	48" STORM SEWER - TYPE I	LF	296	296	\$164.00	\$164.00			\$48,544.00
41	48" STORM SEWER - D.I. PC350	LF	0	0	\$499.00	\$499.00			\$0.00
41A	48" STORM SEWER - PVC DR 51	LF	42	42	\$407.00	\$407.00			\$17,094.00
42	48" STORM SEWER - RCP CLASS 3	LF	248	248	\$151.00	\$151.00			\$37,448.00

CHANGE ORDER

CHANGE ORDER NO. 4

OWNER: City of Auburn – Board of Public Works and Safety
PROJECT : Southeast Sewer Separation - Phase II

COST BREAKDOWN

Item Number	Description	Unit	Previous Quantity	Revised Quantity	Previous Unit Price	Revised Unit Price	Change In Extension (Decrease)	Change In Extension (Increase)	Revised Total Extension
43	54" STORM SEWER - TYPE I	LF	323	323	\$265.00	\$265.00			\$85,595.00
44	54" STORM SEWER - D.I. PC150	LF	0	0	\$416.00	\$416.00			\$0.00
44A	54" STORM SEWER - PVC DR 51	LF	634	634	\$376.00	\$376.00			\$238,384.00
45	54" STORM SEWER - RCP CLASS 3	LF	257	257	\$233.00	\$233.00			\$59,861.00
46	45" x 29" STORM SEWER - HORIZONTAL ELLIPTICAL RCP CLASS 3	LF	168	168	\$149.00	\$149.00			\$25,032.00
47	53" x 34" STORM SEWER - HORIZONTAL ELLIPTICAL RCP CLASS 3	LF	502	502	\$204.00	\$204.00			\$102,408.00
48	68" x 43" STORM SEWER - HORIZONTAL ELLIPTICAL RCP CLASS 3	LF	334	334	\$308.00	\$308.00			\$102,872.00
49	60" x 36" STORM SEWER - CONCRETE BOX CULVERT	LF	187	187	\$386.00	\$386.00			\$72,182.00
50	HYDRODYNAMIC SEPARATOR, AS-13CFD	EA	1	1	\$35,658.00	\$35,658.00			\$35,658.00
51	STORM SEWER MANHOLE, TYPE I - 48" DIA.	EA	23	23	\$2,253.00	\$2,253.00			\$51,819.00
52	STORM SEWER MANHOLE, TYPE II - 60" DIA.	EA	12	12	\$2,856.00	\$2,856.00			\$34,272.00
53	STORM SEWER MANHOLE, TYPE II - 72" DIA.	EA	4	4	\$6,042.00	\$6,042.00			\$24,168.00
54	STORM SEWER MANHOLE, TYPE II - 84" DIA.	EA	9	9	\$9,865.00	\$9,865.00			\$88,785.00
55	STORM SEWER MANHOLE, TYPE II - 96" DIA.	EA	4	4	\$12,623.00	\$12,623.00			\$50,492.00
56	STORM SEWER MANHOLE, TYPE II - 120" DIA.	EA	1	1	\$18,973.00	\$18,973.00			\$18,973.00
57	STORM SEWER MANHOLE, 60" x 84"	EA	1	1	\$13,972.00	\$13,972.00			\$13,972.00
58	SANITARY SEWER MANHOLE, 48" DIA.	EA	5	5	\$2,907.00	\$2,907.00			\$14,535.00
59	SANITARY SEWER MANHOLE, 60" DIA.	EA	1	1	\$5,202.00	\$5,202.00			\$5,202.00
60	CATCH BASIN TYPE I - 2' x 2'	EA	16	16	\$1,219.00	\$1,219.00			\$19,504.00
61	CATCH BASIN TYPE II - 30" ROUND	EA	30	30	\$1,136.00	\$1,136.00			\$34,080.00
62	CATCH BASIN TYPE III - 33" ROUND	EA	4	4	\$1,624.00	\$1,624.00			\$6,496.00
63	INLET TYPE I - 2' x 2'	EA	15	15	\$1,273.00	\$1,273.00			\$19,095.00
64	INLET TYPE II - 30" ROUND	EA	10	10	\$1,160.00	\$1,160.00			\$11,600.00
65	CONFLICT STRUCTURE, MANHOLE TYPE II - 60" DIA.	EA	1	1	\$3,827.00	\$3,827.00			\$3,827.00
66	INLET PIPE CONNECTION TO STORM SEWER- INSERTA TEE	EA	6	6	\$860.00	\$860.00			\$5,160.00
67	CONNECTION TO EXISTING STORM STRUCTURE	EA	21	21	\$486.00	\$486.00			\$10,206.00
68	CONNECTION TO EXISTING STRUCTURE #473	EA	1	1	\$788.00	\$788.00			\$788.00
69	CONNECTION TO EXISTING STRUCTURE #442	EA	1	1	\$970.00	\$970.00			\$970.00
70	CONNECTION TO EXISTING STRUCTURE #434	EA	1	1	\$622.00	\$622.00			\$622.00
71	CONNECTION TO EXISTING STRUCTURE #133	EA	1	1	\$506.00	\$506.00			\$506.00
72	CONNECTION TO EXISTING STRUCTURE #430	EA	1	1	\$249.00	\$249.00			\$249.00
73	CONNECTION TO EXISTING STRUCTURE #153	EA	1	1	\$496.00	\$496.00			\$496.00
74	CONNECTION TO EXISTING STRUCTURE #458	EA	1	1	\$1,140.00	\$1,140.00			\$1,140.00
75	STRUCTURE REMOVAL	EA	67	67	\$11.00	\$11.00			\$737.00
76	STRUCTURE REMOVAL - MODIFIED	EA	1	1	\$45.00	\$45.00			\$45.00
77	CASTING REPLACEMENT ON EXISTING STRUCTURE	EA	1	1	\$531.00	\$531.00			\$531.00
78	CASTING ADJUSTMENT - EXISTING STRUCTURE	EA	6	6	\$94.00	\$94.00			\$564.00
79	CASTING ADJUSTMENT - VALVE BOX	EA	6	6	\$94.00	\$94.00			\$564.00
80	WATER SERVICE REPAIR, WS-1(a)	EA	3	3	\$204.00	\$204.00			\$612.00
81	WATER SERVICE RELOCATION, WS-2(a)	EA	33	33	\$259.00	\$259.00			\$8,547.00
82	WATER SERVICE REPLACEMENT, WS-3(a)	EA	10	10	\$443.00	\$443.00			\$4,430.00
83	CURB STOP RELOCATION	EA	5	5	\$331.00	\$331.00			\$1,655.00

CHANGE ORDER

CHANGE ORDER NO. 4

OWNER: City of Auburn – Board of Public Works and Safety
PROJECT : Southeast Sewer Separation - Phase II

COST BREAKDOWN

Item Number	Description	Unit	Previous Quantity	Revised Quantity	Previous Unit Price	Revised Unit Price	Change In Extension (Decrease)	Change In Extension (Increase)	Revised Total Extension
84	METER PIT RELOCATION	EA	1	1	\$420.00	\$420.00			\$420.00
85	WATER MAIN RELOCATION, WM-1	EA	1	1	\$757.00	\$757.00			\$757.00
86	WATER MAIN RELOCATION, WM-2	EA	1	1	\$3,787.00	\$3,787.00			\$3,787.00
87	WATER MAIN RELOCATION, WM-3	EA	1	1	\$11,293.00	\$11,293.00			\$11,293.00
88	WATER MAIN RELOCATION, WM-4	EA	1	1	\$1,957.00	\$1,957.00			\$1,957.00
89	WATER MAIN RELOCATION, WM-5	EA	1	1	\$1,907.00	\$1,907.00			\$1,907.00
90	WATER MAIN RELOCATION, WM-6	EA	1	1	\$2,292.00	\$2,292.00			\$2,292.00
91	WATER MAIN RELOCATION, WM-7	EA	1	1	\$2,292.00	\$2,292.00			\$2,292.00
92	WATER MAIN RELOCATION, WM-8	EA	1	1	\$10,406.00	\$10,406.00			\$10,406.00
93	WATER MAIN RELOCATION, WM-9	EA	1	1	\$1,808.00	\$1,808.00			\$1,808.00
94	WATER MAIN RELOCATION, WM-10	EA	1	1	\$3,755.00	\$3,755.00			\$3,755.00
95	WATER MAIN RELOCATION, WM-11	EA	1	1	\$1,907.00	\$1,907.00			\$1,907.00
96	WATER MAIN RELOCATION, WM-12	EA	1	1	\$9,436.00	\$9,436.00			\$9,436.00
97	WATER MAIN RELOCATION, WM-13	EA	1	1	\$3,049.00	\$3,049.00			\$3,049.00
98	FIRE HYDRANT INSTALLATION	LS	1	1	\$563.00	\$563.00			\$563.00
99	SANITARY SEWER LINE REPAIR, 8"	EA	1	1	\$476.00	\$476.00			\$476.00
100	SANITARY SEWER LATERAL REPAIR, SL-1(a)	EA	5	5	\$155.00	\$155.00			\$775.00
101	SANITARY SEWER LATERAL RELOCATION, SL-2(a)	EA	25	25	\$255.00	\$255.00			\$6,375.00
102	SANITARY SEWER LATERAL RELOCATION, SL-3(a)	EA	25	25	\$402.00	\$402.00			\$10,050.00
103	DRAIN TILE CONNECTION TO STORM SEWER, 4"(a)	EA	5	5	\$317.00	\$317.00			\$1,585.00
104	DRAIN TILE CONNECTION TO STORM SEWER, 6"(a)	EA	10	10	\$450.00	\$450.00			\$4,500.00
105	DRAIN TILE CONNECTION TO STORM SEWER, 8"(a)	EA	1	1	\$800.00	\$800.00			\$800.00
106	DRAIN TILE CONNECTION TO STORM SEWER, 10"(a)	EA	1	1	\$1,066.00	\$1,066.00			\$1,066.00
107	DRAIN TILE CONNECTION TO STORM SEWER, 12"(a)	EA	1	1	\$1,471.00	\$1,471.00			\$1,471.00
108	CONCRETE CURB REPAIR, TYPE 1	LF	1,750	1,750	\$28.00	\$28.00			\$49,000.00
109	CONCRETE CURB REPAIR, TYPE 2	LF	2,100	2,100	\$23.00	\$23.00			\$48,300.00
110	UNDERDRAIN FOR STREET RECONSTRUCTION	LF	3,900	3,900	\$9.00	\$9.00			\$35,100.00
111	HMA PAVEMENT REPAIR - TYPE P2	SY	4,343.25	4,343.25	\$25.00	\$25.00			\$108,581.25
112	HMA PAVEMENT REPAIR - TYPE P3	SY	800	800	\$28.00	\$28.00			\$22,400.00
113	HMA PAVEMENT REPAIR - TYPE P4	SY	910	910	\$28.00	\$28.00			\$25,480.00
114	HMA PAVEMENT REPLACEMENT - TYPE P6	SY	350	350	\$14.00	\$14.00			\$4,900.00
115	CONCRETE PAVEMENT REPAIR - TYPE P7	SY	580	580	\$68.00	\$68.00			\$39,440.00
116	CONCRETE DRIVEWAY REPAIR - TYPE P8	SY	370	370	\$62.00	\$62.00			\$22,940.00
117	STONE PAVEMENT REPAIR - TYPE P9	SY	760	760	\$9.00	\$9.00			\$6,840.00
118	CONCRETE SIDEWALK	SY	800	800	\$45.00	\$45.00			\$36,000.00
119	CONCRETE SIDEWALK, ADA RAMP CONSTRUCTION	SY	340	340	\$116.00	\$116.00			\$39,440.00
120	DEMOLITION- PAVEMENT REMOVAL (20th Street / 19th Street)	SY	3,150	3,150	\$1.00	\$1.00			\$3,150.00
121	HMA PAVEMENT REPLACEMENT - TYPE P5 (20th Street / 19th Street)	SY	5,360	5,360	\$34.00	\$34.00			\$182,240.00
122	MULCHED SEEDING	LS	1	1	\$31,443.00	\$31,443.00			\$31,443.00
123	REUSE OF SAND SPOILS FOR TRENCH BACKFILL	CY	0	0	\$0.00	\$0.00			\$0.00
124	EXPLORATORY EXCAVATION FOR POOL DRAIN AT STA 13+20	LS	1	1	\$775.00	\$775.00			\$775.00
125	REROUTE OF 10" POOL DRAIN LINE AT STA 13+20	LS	1	1	\$2,470.00	\$2,470.00			\$2,470.00
126	TREE STUMP REMOVAL - 16TH STREET	LS	0	1	\$0.00	\$175.00		\$175.00	\$175.00
127	SANITARY SEWER LATERAL RELOCATION - 316 16TH STREET	LS	0	1	\$0.00	\$2,843.75		\$2,843.75	\$2,843.75

CHANGE ORDER

CHANGE ORDER NO. 4

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PROJECT : Southeast Sewer Separation - Phase II

COST BREAKDOWN

Item Number	Description	Unit	Previous Quantity	Revised Quantity	Previous Unit Price	Revised Unit Price	Change In Extension (Decrease)	Change In Extension (Increase)	Revised Total Extension
Alternate Bid 1									
1	MOBILIZATION / DEMOBILIZATION	LS	1	1	\$1,250.00	\$1,250.00			\$1,250.00
2	TRAFFIC CONTROL	LS	1	1	\$5,887.00	\$5,887.00			\$5,887.00
3	EROSION CONTROL	LS	1	1	\$1,422.00	\$1,422.00			\$1,422.00
4	12" INLET PIPING - TYPE II	LF	10	10	\$57.00	\$57.00			\$570.00
5	12" INLET PIPING - TYPE IV	LF	59	59	\$55.00	\$55.00			\$3,245.00
6	12" INLET PIPING - PVC SDR21	LF	140	140	\$65.00	\$65.00			\$9,100.00
7	12" INLET PIPING - DI PC360	LF	55	55	\$60.00	\$60.00			\$3,300.00
8	15" STORM SEWER - TYPE III	LF	240	240	\$45.00	\$45.00			\$10,800.00
9	15" STORM SEWER - RCP CLASS 3	LF	115	115	\$63.00	\$63.00			\$7,245.00
10	18" STORM SEWER - RCP CLASS 3	LF	426	426	\$51.00	\$51.00			\$21,726.00
11	18" STORM SEWER - TYPE III	LF	167	167	\$63.00	\$63.00			\$10,521.00
12	24" STORM SEWER - TYPE III	LF	289	289	\$75.00	\$75.00			\$21,675.00
13	STORM SEWER MANHOLE, TYPE I - 48" DIA.	EA	9	9	\$2,253.00	\$2,253.00			\$20,277.00
14	STORM SEWER MANHOLE, TYPE II - 60" DIA.	EA	1	1	\$2,856.00	\$2,856.00			\$2,856.00
15	CATCH BASIN TYPE I - 2' x 2'	EA	5	5	\$1,219.00	\$1,219.00			\$6,095.00
16	CATCH BASIN TYPE II - 30" ROUND	EA	1	1	\$1,136.00	\$1,136.00			\$1,136.00
17	CONNECTION TO EXISTING STORM STRUCTURE	EA	5	5	\$462.00	\$462.00			\$2,310.00
18	STRUCTURE REMOVAL	EA	8	8	\$11.00	\$11.00			\$88.00
19	WATER SERVICE REPAIR, WS-1(a)	EA	1	1	\$204.00	\$204.00			\$204.00
20	WATER SERVICE RELOCATION, WS-2(a)	EA	4	4	\$259.00	\$259.00			\$1,036.00
21	WATER SERVICE REPLACEMENT, WS-3(a)	EA	3	3	\$443.00	\$443.00			\$1,329.00
22	WATER MAIN RELOCATION, WM-14	EA	1	1	\$1,957.00	\$1,957.00			\$1,957.00
23	SANITARY SEWER LINE REPAIR, 8"	EA	1	1	\$476.00	\$476.00			\$476.00
24	SANITARY SEWER LATERAL REPAIR, SL-1 (a)	EA	5	5	\$155.00	\$155.00			\$775.00
25	SANITARY SEWER LATERAL RELOCATION, SL-2 (a)	EA	5	5	\$255.00	\$255.00			\$1,275.00
26	CONCRETE CURB REPAIR, TYPE 1	LF	200	200	\$28.00	\$28.00			\$5,600.00
27	CONCRETE CURB REPAIR, TYPE 2	LF	50	50	\$23.00	\$23.00			\$1,150.00
28	HMA PAVEMENT REPAIR - TYPE P2	SY	1,160	1,160	\$28.00	\$28.00			\$32,480.00
29	CONCRETE DRIVEWAY REPAIR - TYPE P8	SY	10	10	\$62.00	\$62.00			\$620.00
30	CONCRETE SIDEWALK	SY	10	10	\$54.00	\$54.00			\$540.00
31	CONCRETE SIDEWALK, ADA RAMP CONSTRUCTION	SY	10	10	\$131.00	\$131.00			\$1,310.00
32	MULCHED SEEDING	LS	1	1	\$5,674.00	\$5,674.00			\$5,674.00
Alternate Bid 2									
1	MOBILIZATION / DEMOBILIZATION	LS	1	1	\$1,250.00	\$1,250.00			\$1,250.00
2	TRAFFIC CONTROL	LS	1	1	\$5,329.00	\$5,329.00			\$5,329.00
3	EROSION CONTROL	LS	1	1	\$2,422.00	\$2,422.00			\$2,422.00
4	12" INLET PIPING - TYPE II	LF	23	23	\$57.00	\$57.00			\$1,311.00
5	12" INLET PIPING - TYPE IV	LF	141	141	\$55.00	\$55.00			\$7,755.00
6	12" INLET PIPING - PVC SDR21	LF	42	42	\$65.00	\$65.00			\$2,730.00
7	15" STORM SEWER - TYPE III	LF	352	352	\$45.00	\$45.00			\$15,840.00
8	15" STORM SEWER - RCP CLASS 3	LF	40	40	\$63.00	\$63.00			\$2,520.00
9	18" STORM SEWER - TYPE III	LF	552	552	\$51.00	\$51.00			\$28,152.00
10	24" STORM SEWER - TYPE III	LF	215	215	\$75.00	\$75.00			\$16,125.00

CHANGE ORDER

CHANGE ORDER NO. 4

OWNER: City of Auburn – Board of Public Works and Safety
PROJECT : Southeast Sewer Separation - Phase II

COST BREAKDOWN

Item Number	Description	Unit	Previous Quantity	Revised Quantity	Previous Unit Price	Revised Unit Price	Change In Extension (Decrease)	Change In Extension (Increase)	Revised Total Extension
11	STORM SEWER MANHOLE, TYPE I - 48" DIA.	EA	7	7	\$2,253.00	\$2,253.00			\$15,771.00
12	CATCH BASIN TYPE I - 2' x 2'	EA	5	5	\$1,219.00	\$1,219.00			\$6,095.00
13	CATCH BASIN TYPE II - 30" ROUND	EA	5	5	\$1,136.00	\$1,136.00			\$5,680.00
14	INLET TYPE I - 2' x 2'	EA	1	1	\$1,273.00	\$1,273.00			\$1,273.00
15	INLET TYPE II - 30" ROUND	EA	1	1	\$1,136.00	\$1,136.00			\$1,136.00
16	CONNECTION TO EXISTING STORM STRUCTURE	EA	1	1	\$527.00	\$527.00			\$527.00
17	STRUCTURE REMOVAL	EA	10	10	\$11.00	\$11.00			\$110.00
18	WATER SERVICE REPAIR, WS-1 ^(a)	EA	4	4	\$204.00	\$204.00			\$816.00
19	WATER SERVICE RELOCATION, WS-2 ^(a)	EA	1	1	\$259.00	\$259.00			\$259.00
20	WATER SERVICE REPLACEMENT, WS-3 ^(a)	EA	5	5	\$443.00	\$443.00			\$2,215.00
21	WATER MAIN RELOCATION, WM-15	EA	1	1	\$2,292.00	\$2,292.00			\$2,292.00
22	WATER MAIN RELOCATION, WM-16	EA	1	1	\$2,292.00	\$2,292.00			\$2,292.00
23	SANITARY SEWER LATERAL REPAIR, SL-1 ^(a)	EA	1	1	\$155.00	\$155.00			\$155.00
24	SANITARY SEWER LATERAL RELOCATION, SL-2 ^(a)	EA	7	7	\$255.00	\$255.00			\$1,785.00
25	CONCRETE CURB REPAIR, TYPE 2	LF	200	200	\$23.00	\$23.00			\$4,600.00
26	HMA PAVEMENT REPAIR - TYPE P2	SY	860	860	\$28.00	\$28.00			\$24,080.00
27	HMA PAVEMENT REPAIR - TYPE P3	SY	280	280	\$28.00	\$28.00			\$7,840.00
28	CONCRETE SIDEWALK	SY	30	30	\$45.00	\$45.00			\$1,350.00
29	CONCRETE SIDEWALK, ADA RAMP CONSTRUCTION	SY	40	40	\$116.00	\$116.00			\$4,640.00
30	MULCHED SEEDING	LS	1	1	\$3,674.00	\$3,674.00			\$3,674.00
Alternate Bid 5									
1	OLD CONCRETE FOUNDATION REMOVAL	SY	90.56	90.56	\$52.00	\$52.00			\$4,709.12
2	BURIED CONCRETE SLAB REMOVAL	SY	581.33	581.33	\$2.55	\$2.55			\$1,482.39

TOTAL INCREASE + \$3,018.75

TOTAL DECREASE - \$0.00

NET CHANGE RESULTING FROM THIS CHANGE ORDER +\$3,018.75

CONTRACT VALUE PRIOR TO THIS CHANGE ORDER \$3,153,762.26

CONTRACT VALUE INCLUDING THIS AND PREVIOUS CHANGE ORDERS \$3,156,781.01



Ironclad Excavating, Inc.
576 Geiger Drive Suite C
Roanoke, IN 46783

Phone | 260.672.3714
Fax | 260.676.2449
ironclad@ironcladexc.com

BILL TO:
City of Auburn Attn: Steve Bruns 210 East Ninth St Auburn, IN 46706

TERMS	DATE	INVOICE #
Due Upon Receipt	02/08/16	T2016-5018-23
All accounts are past due 30 days after date of invoice. A service charge of 1.5% per month will be charged. This is an annual percentage rate of 18%.		

Re: Auburn Southeast Sewer Phase 2

DATE	DESCRIPTION	HRS/QTY	RATE	AMOUNT
01/29/16	Removed Stump			
	Equipment and Labor Volvo 360 Excavator	1.00 Hrs	\$ 175.00	\$ 175.00
Total				\$ 175.00



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TERMS	DATE	INVOICE #
Due Upon Receipt	02/08/16	T2016-5018-21
All accounts are past due 30 days after date of invoice. A service charge of 1.5% per month will be charged. This is an annual percentage rate of 18%.		

Re: Auburn Southeast Sewer Phase 2

DATE	DESCRIPTION	HRS/QTY	RATE	AMOUNT
02/02/16	Routed Sewer Tap 100' to Alley Due to Not Having Fall to Existing Sewer Main			
	Equipment and Labor			
	Kobelco SK35 Excavator	3.00 Hrs	\$ 85.00	\$ 255.00
	Volvo L70 Loader	3.00 Hrs	\$ 125.00	\$ 375.00
	2' Plate Compactor	2.00 Hrs	\$ 50.00	\$ 100.00
	Labor	14.00 Hrs	\$ 45.00	\$ 630.00
	Foreman	1.00 Hrs	\$ 55.00	\$ 55.00
	Materials			
	#8 Limestone	20.00 Tons	\$ 18.25	\$ 365.00

Page 1 \$ 1,780.00
Page 2 total \$1,063.75
Total for CO4-2 \$2,843.75



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TERMS	DATE	INVOICE #
Due Upon Receipt	02/08/16	T2016-5018-22
All accounts are past due 30 days after date of invoice. A service charge of 1.5% per month will be charged. This is an annual percentage rate of 18%.		

Re: Auburn Southeast Sewer Phase 2

DATE	DESCRIPTION	HRS/QTY	RATE	AMOUNT
02/03/16	Tapped Sewer Main and Made Tie In For Sewer Tap and Finished running Pipe			
	Equipment and Labor			
	Kobelco SK35 Excavator	5.75 Hrs	\$ 85.00	\$ 488.75
	Labor	5.75 Hrs	\$ 45.00	\$ 258.75
	Foreman	5.75 Hrs	\$ 55.00	\$ 316.25
Total				\$ 1,063.75