

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. Kenmore Construction Co.		2. Lockhart Concrete	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond (5% of Contract)	1	L.S.	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00	\$19,000.00	\$19,000.00
2	201	Clearing & Grubbing	1	L.S.	\$2,700.00	\$2,700.00	\$200.00	\$200.00	\$1,000.00	\$1,000.00
3	202	Pavement Removed	475	S.Y.	\$8.00	\$3,800.00	\$15.00	\$7,125.00	\$5.00	\$2,375.00
4	202	Ex. Parking Pay Station Removed & Reset	1	L.S.	\$600.00	\$600.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00
5	202	Utility Ductbank Removed (Electric)	235	L.F.	\$16.00	\$3,760.00	\$5.00	\$1,175.00	\$10.00	\$2,350.00
6	202	Ex. Light Pole Removed & Reset, Complete	1	L.S.	\$550.00	\$550.00	\$4,700.00	\$4,700.00	\$1,000.00	\$1,000.00
7	202	Ex. Concrete Parapet Wall Removed	1	L.S.	\$2,600.00	\$2,600.00	\$1.00	\$1.00	\$5,000.00	\$5,000.00
8	202	Ex. Vault (MH-184) Removed, Complete	1	L.S.	\$5,700.00	\$5,700.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
9	202	Ex. 16" Tee Removed w/ Spool Replacement,	1	L.S.	\$9,275.00	\$9,275.00	\$10,000.00	\$10,000.00	\$12,060.00	\$12,060.00
10	202	Pipe Abandoned, 16" RICWIL Steam, Complete	47	L.F.	\$12.00	\$564.00	\$1.00	\$47.00	\$20.00	\$940.00
11	202	Pipe Abandoned, 18" RICWIL Steam, Complete	63	L.F.	\$16.00	\$1,008.00	\$25.00	\$1,575.00	\$20.00	\$1,260.00
12	202	Pipe Removed, 16" RICWIL Steam	72	L.F.	\$24.00	\$1,728.00	\$25.00	\$1,800.00	\$20.00	\$1,440.00
13	202	Pipe Removed, 18" RICWIL Steam	68	L.F.	\$32.00	\$2,176.00	\$50.00	\$3,400.00	\$20.00	\$1,360.00
14	203	Earthwork, Complete (Including Shoring,	1	L.S.	\$71,000.00	\$71,000.00	\$300,000.00	\$300,000.00	\$107,200.00	\$107,200.00
15	207	Temporary Sediment & Erosion Control	1	L.S.	\$3,500.00	\$3,500.00	\$100.00	\$100.00	\$1,000.00	\$1,000.00
16	448	Asphalt Concrete Pavement Restoration, Complete	400	S.Y.	\$130.00	\$52,000.00	\$75.00	\$30,000.00	\$45.00	\$18,000.00
17	452	Concrete Pavement Restoration, Complete	60	S.Y.	\$250.00	\$15,000.00	\$65.00	\$3,900.00	\$70.00	\$4,200.00
18	454	Concrete Parapet Wall Replaced	1	L.S.	\$7,200.00	\$7,200.00	\$1.00	\$1.00	\$7,000.00	\$7,000.00
19	455	6"X18" Concrete Curb	7	L.F.	\$15.00	\$105.00	\$50.00	\$350.00	\$30.00	\$210.00
20	456	6" Concrete Walk, Class C Decorative Brick Walk on 6" Concrete, Class C,	96	S.F.	\$4.00	\$384.00	\$12.00	\$1,152.00	\$28.00	\$2,688.00
21	461	Complete	3	S.Y.	\$75.00	\$225.00	\$150.00	\$450.00	\$100.00	\$300.00
22	552	4" Storm Sewer, As Per Plan, Complete	30	L.F.	\$50.00	\$1,500.00	\$280.00	\$8,400.00	\$20.00	\$600.00
23	615	Traffic Maintenance	1	L.S.	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00	\$94,000.00	\$94,000.00
24	623	Construction Layout Stakes	1	L.S.	\$4,500.00	\$4,500.00	\$5,500.00	\$5,500.00	\$19,600.00	\$19,600.00
25	624	Mobilization 3x4 Utility Ductbank Installed, Complete, As Per Plan	1	L.S.	\$16,500.00	\$16,500.00	\$15,000.00	\$15,000.00	\$18,260.00	\$18,260.00
26	202	(Electric)	1	L.S.	\$26,000.00	\$26,000.00	\$12,000.00	\$12,000.00	\$72,000.00	\$72,000.00
27	659	Seeding & Mulching	177	S.Y.	\$3.00	\$531.00	\$1.00	\$177.00	\$2.00	\$354.00
28	SPEC	Prefab Pipe Material	1	L.S.	\$130,000.00	\$130,000.00	\$123,000.00	\$123,000.00	\$201,000.00	\$201,000.00
29	SPEC	Prefab Pipe Labor w/o Welds & Excavation	200	HOUR	\$75.00	\$15,000.00	\$1.00	\$200.00	\$100.00	\$20,000.00
30	SPEC	16" Expansion Joint	1	L.S.	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
31	SPEC	Precast Vault w/ Castings	1	L.S.	\$11,500.00	\$11,500.00	\$40,000.00	\$40,000.00	\$13,400.00	\$13,400.00
32	SPEC	16" HP Butterfly Valve	1	L.S.	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$22,780.00	\$22,780.00
33	SPEC	16' BW Pipe	20	LF	\$148.00	\$2,960.00	\$100.00	\$2,000.00	\$120.00	\$2,400.00
34	SPEC	16" BW Tee	1	EACH.	\$1,900.00	\$1,900.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
35	SPEC	8" Temporary Bypass Piping	180	LF	\$190.00	\$34,200.00	\$50.00	\$9,000.00	\$95.00	\$17,100.00
36	SPEC	16" Pipe Insulation	40	LF	\$40.00	\$1,600.00	\$20.00	\$800.00	\$150.00	\$6,000.00
37	SPEC	Vault Piping Supports	1	L.S.	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$13,400.00	\$13,400.00
38	SPEC	16" Pipe Caps	5	EACH.	\$880.00	\$4,400.00	\$2,000.00	\$10,000.00	\$200.00	\$1,000.00
39	SPEC	16" Welds/Prefab Joints	16	EACH.	\$1,800.00	\$28,800.00	\$50.00	\$800.00	\$150.00	\$2,400.00
40	SPEC	18" Welds/Prefab Joints	4	EACH.	\$2,100.00	\$8,400.00	\$200.00	\$800.00	\$200.00	\$800.00
41	SPEC	Concrete Anchor Block	96	HOUR	\$75.00	\$7,200.00	\$1.00	\$96.00	\$20.00	\$1,920.00
42	SPEC	Staging	160	HOUR	\$75.00	\$12,000.00	\$1.00	\$160.00	\$50.00	\$8,000.00
43	SPEC	Drip Legs	2	EACH.	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	\$1,000.00	\$2,000.00

BID TAB FOR: OCIT - Exchange St. Utility Relocation

FILE NO. 2012-001-010

BID DATE: April 16, 2015

CODE: 51002-P15001

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE PRICE	ENGINEER'S ESTIMATE AMOUNT	1. Kenmore Construction Co. PRICE	1. Kenmore Construction Co. AMOUNT	2. Lockhart Concrete PRICE	2. Lockhart Concrete AMOUNT
TOTAL CONSTRUCTION COSTS						\$604,866.00		\$684,609.00		\$719,397.00
+/- ENGINEER'S ESTIMATE								+13.2%		+18.9%

ESTIMATE OF PROJECT COSTS

PROJECT: OCIT UTILITY RELOCATIONS March, 2015

DATE: NUMBER: NUMBER: DATE:

PRELIMINARY ESTIMATE of cost for the improvement of OCIT Utility Relocations

REF.	ITEM	DESCRIPTION	QUAN.	UNITS	PRICE	AMOUNT	SPLIT	COMMON ITEMS	CITY			UTILITIES			CITY SPECIAL	FULL DEPTH RECONSTRUCTION
									WCF	SCP	SLA	FIRST ENERGY	SEC	TIME-WARNER		
103.05		Contract Performance Bond (5% of Contract)	1	L.S.	\$30,000.00	\$30,000.00		\$30,000.00								
201		Clearing & Grubbing	1	L.S.	\$2,700.00	\$2,700.00										
202		Pavement Removal	475	S.Y.	\$8.00	\$3,800.00										
202		Ex. Parking Pav. Station Removed & Reset	1	L.S.	\$600.00	\$600.00										
202		Utility Ductbank Removed (Electric)	236	L.F.	\$16.00	\$3,780.00										
202		Ex. Light Pole Removed & Reset, Complete	1	L.S.	\$550.00	\$550.00										
202		Ex. Concrete Parapet Wall Removed	1	L.S.	\$2,600.00	\$2,600.00										
202		Ex. Vault (MH-184) Removed, Complete	1	L.S.	\$5,700.00	\$5,700.00										
202		Ex. 16" Tee Removed w/ Spool Replacement, Complete	1	L.S.	\$9,275.00	\$9,275.00										
202		Pipe Abandoned, 16" RIC/WIL Steam, Complete	47	L.F.	\$12.00	\$564.00										
202		Pipe Abandoned, 18" RIC/WIL Steam, Complete	63	L.F.	\$16.00	\$1,008.00										
202		Pipe Removed, 16" RIC/WIL Steam	73	L.F.	\$24.00	\$1,752.00										
202		Pipe Removed, 18" RIC/WIL Steam	68	L.F.	\$32.00	\$2,176.00										
203		Earthwork, Complete (Including Shoring, Embankment, & LSM Backfill Construct)	1	L.S.	\$71,000.00	\$71,000.00										
207		Temporary Sediment & Erosion Control	1	L.S.	\$3,500.00	\$3,500.00										
448		Asphalt Concrete Pavement Restoration, Complete	400	S.Y.	\$130.00	\$52,000.00										
452		Concrete Pavement Restoration, Complete	60	S.Y.	\$250.00	\$15,000.00										
454		Concrete Parapet Wall Replaced	1	L.S.	\$7,200.00	\$7,200.00										
455		6"x18" Concrete Curb	7	L.F.	\$15.00	\$105.00										
456		6" Concrete Walk, Class C	96	S.F.	\$4.00	\$384.00										
461		Decorative Brick Walk on 6" Concrete, Class C, Complete	3	S.Y.	\$75.00	\$225.00										
522		4" Storm Sewer, As Per Plan, Complete	30	L.F.	\$50.00	\$1,500.00										
615		Traffic Maintenance	1	L.S.	\$50,000.00	\$50,000.00										
623		Construction Layout Stakes	1	L.S.	\$4,500.00	\$4,500.00										
624		Mobilization	1	L.S.	\$16,500.00	\$16,500.00										
202		34 Utility Ductbank Installed, Complete, As Per Plan (Electric)	1	L.S.	\$26,000.00	\$26,000.00										
658		Seeding & Mutching	172	S.Y.	\$3.00	\$516.00										
		1" L.S.			\$130,000.00	\$130,000.00										
		200 HOUR			\$75.00	\$15,000.00										
		1" L.S.			\$6,000.00	\$6,000.00										
		1" L.S.			\$11,500.00	\$11,500.00										
		1" L.S.			\$15,000.00	\$15,000.00										
		20 LF			\$148.00	\$2,960.00										
		1 EACH			\$1,900.00	\$1,900.00										
		180 LF			\$190.00	\$34,200.00										
		40 LF			\$40.00	\$1,600.00										
		4 L.S.			\$5,000.00	\$5,000.00										
		6 EACH			\$880.00	\$5,280.00										
		18 EACH			\$1,800.00	\$32,400.00										
		4 EACH			\$2,100.00	\$8,400.00										
		86 HOUR			\$75.00	\$6,450.00										
		160 HOUR			\$75.00	\$12,000.00										
		2 EACH			\$4,000.00	\$8,000.00										
		Totals						\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Prorated Common Items						\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
		Total Estimated Construction Cost				\$604,866.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

PROPERTY'S PORTION

1995 RATE SCHEDULE OF ASSESSMENTS

Paving	0.00	L.F.	\$26.50	\$0.00
Charitable Use	0.00	L.F.	\$13.25	\$0.00
Sidewalks	0.00	L.F.	\$13.50	\$0.00
Curbs	0.00	L.F.	\$10.75	\$0.00
Drive Approaches	0	S.F.	\$1.90	\$0.00
Drain Pipe	0	Each	\$3.00	\$0.00
Storm Sewer	0.00	L.F.	\$22.00	\$0.00
Storm Laterals	0.00	EACH	\$550.00	\$0.00
Sanitary Sewer	0.00	L.F.	\$22.00	\$0.00
Sanitary House Laterals	0	Each	\$550.00	\$0.00
Water Mains	0.00	L.F.	\$24.00	\$0.00
Water Mains (per \$3.04%)	0.00	L.F.	\$10.50	\$0.00
Water Service Connections	0	Each	\$580.00	\$0.00
Resurfacing				
Residential	0.00	L.F.	\$6.65	\$0.00
Arterial/Collector	0.00	L.F.	\$7.00	\$0.00
Charitable Use	0.00	L.F.	\$3.50	\$0.00
Charitable Use	0.00	L.F.	\$3.50	\$0.00
Full Depth Reconstruction	\$0.00		50%	\$0.00
Total Estimated Property's Portion				\$0.00

AKRON FUNDING SOURCES

WATER CAPITAL FUND

Estimated Construction Cost	\$0.00
Engineering and Inspection (20%)	\$0.00
Direct Purchase of Water Main by DBE	\$0.00
Total Water Capital Fund	\$0.00

SEWER CAPITAL FUND

Estimated Construction Cost	\$0.00
Engineering and Inspection (20%)	\$0.00
Less Assessments for Sanitary Sewers	\$0.00
Less Assessments for Sanitary Laterals	\$0.00
Total Sewer Capital Fund	\$0.00

STREET LIGHT FUND

Estimated Construction Cost	\$0.00
Engineering and Inspection (20%)	\$0.00
Total Street Light Fund	\$0.00

PROJECT COST SUMMARY

Total Estimated Construction Cost	\$604,866.00
Engineering and Construction Inspection (20%)	\$120,973.20
Right-of-Way Acquisition	\$50,000.00
Water Main Purchase by DBE	
6" Water Main	0 L.F. @ \$40.00 = \$0.00
8" Water Main	0 L.F. @ \$55.00 = \$0.00
12" Water Main	0 L.F. @ \$70.00 = \$0.00
16" Water Main	0 L.F. @ \$85.00 = \$0.00
Total	\$0.00
Interest on Note (14%)	\$0.00 @ 8% (2 Years at 4%) = \$0.00
Equalization Board	\$105.00
Advertising	\$2,000.00
Judicial and Legal Services	\$1,500.00
Total Estimated Project Cost	\$779,444.20

SUMMARY OF FUNDING SOURCES

City of Akron	
Property's Portion	\$0.00
Water Capital Fund	\$0.00
Sewer Capital Fund	\$0.00
Street Light Fund	\$0.00
Other Capital Budget	\$779,444.20
Total Estimated Project Cost	\$779,444.20

BIDDING SCHEDULE FOR: OCIT - Exchange St. Utility Relocation

TO THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF AKRON:

The undersigned proposes to furnish all labor, materials, and equipment for and construct the following improvement and all other work incidental thereto, including any and all work and materials that may be necessary to connect the work done with the adjoining work, in a proper and workmanlike manner, and according to the plans and profiles on file in the Bureau of Engineering, and upon the terms and conditions of the specifications and form of contract bound herewith and the rules and regulations of the City, and under the direction and to the satisfaction of the Director of Public Service, at the following unit rates, to-wit:

PLEASE TYPE OR USE BLACK INK

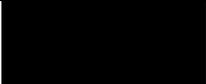
REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
1	103.05	Contract Performance Bond	1	L.S.		
2	201	Clearing & Grubbing	1	L.S.		
3	202	Pavement Removed	475	S.Y.		
4	202	Ex. Parking Pay Station Removed & Reset	1	L.S.		
5	202	Utility Ductbank Removed (Electric)	235	L.F.		
6	202	Ex. Light Pole Removed & Reset, Complete	1	L.S.		
7	202	Ex. Concrete Parapet Wall Removed	1	L.S.		
8	202	Ex. Vault (MH-184) Removed, Complete	1	L.S.		
9	202	Ex. 16" Tee Removed w/ Spool Replacement, Complete	1	L.S.		
10	202	Pipe Abandoned, 16" RICWIL Steam, Complete	47	L.F.		
11	202	Pipe Abandoned, 18" RICWIL Steam, Complete	63	L.F.		
12	202	Pipe Removed, 16" RICWIL Steam	72	L.F.		
13	202	Pipe Removed, 18" RICWIL Steam	68	L.F.		
14	203	Earthwork, Complete (Including Shoring, Embankment, & LSM Backfill Construction)	1	L.S.		
15	207	Temporary Sediment & Erosion Control	1	L.S.		
16	448	Asphalt Concrete Pavement Restoration, Complete	400	S.Y.		

BIDDING SCHEDULE FOR: OCIT - Exchange St. Utility Relocation

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
17	452	Concrete Pavement Restoration, Complete	60	S.Y.		
18	454	Concrete Parapet Wall Replaced	1	L.S.		
19	455	6"X18" Concrete Curb	7	L.F.		
20	456	6" Concrete Walk, Class C	96	S.F.		
21	461	Decorative Brick Walk on 6" Concrete, Class C, Complete	3	S.Y.		
22	552	4" Storm Sewer, As Per Plan, Complete	30	L.F.		
23	615	Traffic Maintenance	1	L.S.		
24	623	Construction Layout Stakes	1	L.S.		
25	624	Mobilization	1	L.S.		
26	202	3x4 Utility Ductbank Installed, Complete, As Per Plan (Electric)	1	L.S.		
27	659	Seeding & Mulching	177	S.Y.		
28	SPEC	Prefab Pipe Material	1	L.S.		
29	SPEC	Prefab Pipe Labor w/o Welds & Excavation	200	HOUR		
30	SPEC	16" Expansion Joint	1	L.S.		
31	SPEC	Precast Vault w/ Castings	1	L.S.		
32	SPEC	16" HP Butterfly Valve	1	L.S.		
33	SPEC	16' BW Pipe	20	LF		
34	SPEC	16" BW Tee	1	EACH.		
35	SPEC	8" Temporary Bypass Piping	180	LF		

BIDDING SCHEDULE FOR: OCIT - Exchange St. Utility Relocation

REF. NO.	ITEM NO.	ITEM - DESCRIPTION	ESTIMATED QUANTITY AND UNIT		(MUST BE COMPLETED) UNIT PRICE IN FIGURES	TOTAL ITEM COST (QUANTITY x UNIT PRICE)
36	SPEC	16" Pipe Insulation	40	LF		
37	SPEC	Vault Piping Supports	1	L.S.		
38	SPEC	16" Pipe Caps	5	EACH.		
39	SPEC	16" Welds/Prefab Joints	16	EACH.		
40	SPEC	18" Welds/Prefab Joints	4	EACH.		
41	SPEC	Concrete Anchor Block	96	HOUR		
42	SPEC	Staging	160	HOUR		
43	SPEC	Drip Legs	2	EACH.		
UNOFFICIAL CONSTRUCTION COST:						
PLEASE COMPLETE THE PROPOSAL FORMS BOUND HEREIN AND SUBMIT THE ENTIRE BOOK. DO NOT REMOVE ANY PAGES. ALL ERASURES MUST BE INITIALED AND DATED BY THE BIDDER.						



DENOTES LUMP SUM - UNIT PRICE

NEED NOT BE COMPLETED

BIDDING SCHEDULE CONTINUED ON NEXT PAGE

CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE

ESTIMATE NO. _____ PROJECT _____
DATE _____ CONTRACTOR _____
CODE _____
FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE

ESTIMATE NO. _____ PROJECT _____
DATE _____ CONTRACTOR _____
CODE _____
FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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**CITY OF AKRON
DEPARTMENT OF PUBLIC SERVICE, BUREAU OF ENGINEERING
ENGINEER'S ESTIMATE**

ESTIMATE NO. _____ PROJECT _____
 DATE _____ CONTRACTOR _____
 CODE _____
 FINANCE DEPT. NO. _____

REF. NO.	ITEM NO.	DESCRIPTION	ESTIMATE QUANTITY	UNIT	ACTUAL QUANTITY	UNIT PRICE	COMPLETE TO DATE
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This is to certify that the work as listed above has been completed in accordance with the contract documents, that all items are paid for which previous certificates for payment were issued and payments received, and that the current payment is now due.

TOTAL COMPLETED TO DATE _____
 STORED MATERIALS _____
 TOTAL COMPLETED & STORED _____
 LESS _____ RETAINAGE _____
 TOTAL EARNED LESS RETAINAGE _____
 LESS PREVIOUS PAYMENTS _____
 LESS ADDITIONAL DEDUCTIONS _____
 CURRENT PAYMENT DUE _____

CONTRACTOR: _____

BY: _____

APPROVED: _____
 CONSTRUCTION ENGINEER

DATE: _____

PAYROLLS REVIEWED/QUANTITIES CHECKED BY:

_____ PROJECT MANAGER

APPROVED: _____
 CITY ENGINEER

DATE: _____

DATE OF PROJECT WORK ACCEPTANCE _____