

Bid Tabulation
Liberty Street, Harvard Place, and Arlington Boulevard Sanitary Sewer Extensions Project

File No. 2014-030; Bid No. ITB-4345

Rank	Vandor Name	Total Bid	% of Low Bid	% of Estimate
0	Engineer's Estimated Opinion of Costs	\$ 313,938.19	88.21%	100.00%
1	E.T. MacKenzie	\$ 355,900.00	100.00%	113.37%
2	Douglas N. Higgins	\$ 379,481.63	106.63%	120.88%
3	CI Contracting	\$ 494,823.62	139.03%	157.62%

Item No.	Item Description	Unit	Estimated Quantity	Engineer's Estimated Opinion of Costs		E.T. MacKenzie		Douglas N. Higgins		CI Contracting	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
130	Protective Fencing	LF	550.000	\$ 5.00	\$ 2,750.00	\$ 4.00	\$ 2,200.00	\$ 4.00	\$ 2,200.00	\$ 6.00	\$ 3,300.00
140	Exploratory Excavation (0-10' deep),Trench Detail - Type I Modified	Each	3.000	\$ 1,000.00	\$ 3,000.00	\$ 500.00	\$ 1,500.00	\$ 300.00	\$ 900.00	\$ 300.00	\$ 900.00
144	Exploratory Excavation Add'l Depth	VF	10.500	\$ 100.00	\$ 1,050.00	\$ 100.00	\$ 1,050.00	\$ 50.00	\$ 525.00	\$ 50.00	\$ 525.00
200	General Conditions, Modified,Maximum \$15,000	LS	1.000	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
201	Project Supervision, Modified,Maximum \$10,000	LS	1.000	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,700.00	\$ 8,700.00
202	Audiovisual Tape Coverage, Modified	LS	1.000	\$ 1,500.00	\$ 1,500.00	\$ 4,522.25	\$ 4,522.25	\$ 2,500.00	\$ 2,500.00	\$ 1,300.00	\$ 1,300.00
203	Minor Traffic Control, Modified,Maximum \$2,500	LS	1.000	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
204	Barricade, Type III, High Intensity,Double Sided, Lighted, Furn	Each	17.000	\$ 75.00	\$ 1,275.00	\$ 120.00	\$ 2,040.00	\$ 100.00	\$ 1,700.00	\$ 80.00	\$ 1,360.00
205	Barricade, Type III, High Intensity,Double Sided, Lighted, Oper	Each	17.000	\$ 7.50	\$ 127.50	\$ 10.00	\$ 170.00	\$ 25.00	\$ 425.00	\$ 0.01	\$ 0.17
206	Channelizing Device, 42 inch, Furn	Each	53.000	\$ 20.00	\$ 1,060.00	\$ 22.00	\$ 1,166.00	\$ 25.00	\$ 1,325.00	\$ 20.00	\$ 1,060.00
207	Channelizing Device, 42 inch, Oper	Each	53.000	\$ 2.00	\$ 106.00	\$ 1.00	\$ 53.00	\$ 5.00	\$ 265.00	\$ 0.01	\$ 0.53
208	Plastic Drum, High Intensity, Lighted, Furn	Each	31.000	\$ 25.00	\$ 775.00	\$ 25.00	\$ 775.00	\$ 30.00	\$ 930.00	\$ 25.00	\$ 775.00
209	Plastic Drum, High Intensity, Lighted, Oper	Each	31.000	\$ 2.50	\$ 77.50	\$ 1.00	\$ 31.00	\$ 5.00	\$ 155.00	\$ 0.01	\$ 0.31
210	Sign, Type B, Temp, Prismatic, Furn	SF	761.500	\$ 3.50	\$ 2,665.25	\$ 3.50	\$ 2,665.25	\$ 5.00	\$ 3,807.50	\$ 4.00	\$ 3,046.00
211	Sign, Type B, Temp, Prismatic, Oper	SF	761.500	\$ 1.00	\$ 761.50	\$ 0.50	\$ 380.75	\$ 1.00	\$ 761.50	\$ 0.01	\$ 7.62
212	Sign, Type B, Temp, Prismatic, Speical, Furn	SF	309.375	\$ 5.00	\$ 1,546.88	\$ 4.00	\$ 1,237.50	\$ 6.00	\$ 1,856.25	\$ 5.00	\$ 1,546.88
213	Sign, Type B, Temp, Prismatic, Special, Oper	SF	309.375	\$ 1.50	\$ 464.06	\$ 2.00	\$ 618.75	\$ 1.00	\$ 309.38	\$ 0.01	\$ 3.09
214	Sign, Portable, Changeable Message, Furn	Each	3.000	\$ 3,500.00	\$ 10,500.00	\$ 1,200.00	\$ 3,600.00	\$ 2,000.00	\$ 6,000.00	\$ 3,500.00	\$ 10,500.00
215	Sign, Portable, Changeable Message, Oper	Each	3.000	\$ 350.00	\$ 1,050.00	\$ 100.00	\$ 300.00	\$ 500.00	\$ 1,500.00	\$ 0.01	\$ 0.03
216	"No Parking" Sign	Each	3.000	\$ 75.00	\$ 225.00	\$ 50.00	\$ 150.00	\$ 150.00	\$ 450.00	\$ 35.00	\$ 105.00
217	Inlet Filter, Special	Each	9.000	\$ 125.00	\$ 1,125.00	\$ 150.00	\$ 1,350.00	\$ 150.00	\$ 1,350.00	\$ 175.00	\$ 1,575.00
218	Pavt, Rem	SY	625.000	\$ 35.00	\$ 21,875.00	\$ 12.00	\$ 7,500.00	\$ 10.00	\$ 6,250.00	\$ 12.00	\$ 7,500.00
219	Remove Concrete Curb or Curb & Gutter -Any Type, Modified	LF	409.000	\$ 15.00	\$ 6,135.00	\$ 8.50	\$ 3,476.50	\$ 10.00	\$ 4,090.00	\$ 5.00	\$ 2,045.00
220	Remove Concrete Sidewalk, Ramp and Drives - Any Thickness, Modified	SF	862.000	\$ 3.50	\$ 3,017.00	\$ 1.00	\$ 862.00	\$ 6.00	\$ 5,172.00	\$ 2.00	\$ 1,724.00
221	Subgrade Undercutting - Type II, Modified	CY	75.000	\$ 12.00	\$ 900.00	\$ 40.00	\$ 3,000.00	\$ 30.00	\$ 2,250.00	\$ 58.00	\$ 4,350.00
222	Machine Grading, Modified	Station	4.500	\$ 5,000.00	\$ 22,500.00	\$ 13,500.00	\$ 60,750.00	\$ 2,500.00	\$ 11,250.00	\$ 17,000.00	\$ 76,500.00
223	Subbase, CIP	CY	280.000	\$ 22.50	\$ 6,300.00	\$ 32.00	\$ 8,960.00	\$ 30.00	\$ 8,400.00	\$ 119.00	\$ 33,320.00

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Item No.	Item Description	Unit	Estimated Quantity	Engineer's Estimated Opinion of Costs		E.T. MacKenzie		Douglas N. Higgins		CI Contracting	
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224	Aggregate Base, 8 inch, Modified	SY	1010.000	\$ 10.00	\$ 10,100.00	\$ 16.00	\$ 16,160.00	\$ 15.00	\$ 15,150.00	\$ 32.00	\$ 32,320.00
225	Maintenance Gravel	Ton	34.000	\$ 25.00	\$ 850.00	\$ 14.00	\$ 476.00	\$ 40.00	\$ 1,360.00	\$ 43.00	\$ 1,462.00
226	Shoulder, CI I	Ton	13.000	\$ 25.00	\$ 325.00	\$ 65.00	\$ 845.00	\$ 50.00	\$ 650.00	\$ 200.00	\$ 2,600.00
227	Approach, CI I	Ton	8.000	\$ 25.00	\$ 200.00	\$ 55.00	\$ 440.00	\$ 50.00	\$ 400.00	\$ 250.00	\$ 2,000.00
228	Manhole Tap, 8 inch	Each	1.000	\$ 275.00	\$ 275.00	\$ 2,600.00	\$ 2,600.00	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00
229	Sewer Tap, 8 inch	Each	1.000	\$ 350.00	\$ 350.00	\$ 1.00	\$ 1.00	\$ 500.00	\$ 500.00	\$ 1,700.00	\$ 1,700.00
230	Underdrain, Subbase, 6 inch	LF	220.000	\$ 17.50	\$ 3,850.00	\$ 20.00	\$ 4,400.00	\$ 12.00	\$ 2,640.00	\$ 25.00	\$ 5,500.00
231	HMA, 4E3 - Pavement Base Course	Ton	30.000	\$ 115.00	\$ 3,450.00	\$ 180.00	\$ 5,400.00	\$ 180.00	\$ 5,400.00	\$ 160.00	\$ 4,800.00
232	HMA, 4E3 - Pavement Leveling Course	Ton	30.000	\$ 115.00	\$ 3,450.00	\$ 180.00	\$ 5,400.00	\$ 180.00	\$ 5,400.00	\$ 160.00	\$ 4,800.00
233	HMA, 5E3 - Pavement Top Course	Ton	23.000	\$ 125.00	\$ 2,875.00	\$ 325.00	\$ 7,475.00	\$ 320.00	\$ 7,360.00	\$ 290.00	\$ 6,670.00
234	HMA, LVSP - Pavement Leveling Course	Ton	67.000	\$ 100.00	\$ 6,700.00	\$ 170.00	\$ 11,390.00	\$ 170.00	\$ 11,390.00	\$ 150.00	\$ 10,050.00
235	HMA, LVSP - Pavement Top Course	Ton	67.000	\$ 100.00	\$ 6,700.00	\$ 170.00	\$ 11,390.00	\$ 170.00	\$ 11,390.00	\$ 150.00	\$ 10,050.00
236	Concrete Curb or Curb & Gutter - Any Type	LF	337.000	\$ 20.00	\$ 6,740.00	\$ 50.00	\$ 16,850.00	\$ 45.00	\$ 15,165.00	\$ 39.00	\$ 13,143.00
237	4" Concrete Sidewalk, Modified	SF	540.000	\$ 7.50	\$ 4,050.00	\$ 14.50	\$ 7,830.00	\$ 13.00	\$ 7,020.00	\$ 9.00	\$ 4,860.00
238	6" Concrete Sidewalk, Ramp, Drive Approach, High Early	SF	359.000	\$ 10.00	\$ 3,590.00	\$ 17.50	\$ 6,282.50	\$ 15.00	\$ 5,385.00	\$ 10.00	\$ 3,590.00
239	Concrete Type M Drive Opening, High Early	LF	74.000	\$ 25.00	\$ 1,850.00	\$ 47.00	\$ 3,478.00	\$ 75.00	\$ 5,550.00	\$ 55.00	\$ 4,070.00
240	Adjust Structure Cover, Modified	Each	6.000	\$ 650.00	\$ 3,900.00	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00	\$ 1,200.00	\$ 7,200.00
241	Clean-Up & Restoration, Special	LS	1.000	\$ 2,500.00	\$ 2,500.00	\$ 1.00	\$ 1.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00
242	SDR 26 PVC 458 Bend, 6"	Each	7.000	\$ 85.00	\$ 595.00	\$ 20.00	\$ 140.00	\$ 75.00	\$ 525.00	\$ 175.00	\$ 1,225.00
243	Granular Material, CI II	CY	75.000	\$ 27.50	\$ 2,062.50	\$ 13.00	\$ 975.00	\$ 25.00	\$ 1,875.00	\$ 40.00	\$ 3,000.00
305	SDR 26 PVC Pipe, 8", Trench Detail - Type I Modified	LF	349.000	\$ 175.00	\$ 61,075.00	\$ 165.00	\$ 57,585.00	\$ 350.00	\$ 122,150.00	\$ 320.00	\$ 111,680.00
335	SDR 26 PVC Tee or Wye, 8" x 6"	Each	2.000	\$ 150.00	\$ 300.00	\$ 600.00	\$ 1,200.00	\$ 150.00	\$ 300.00	\$ 650.00	\$ 1,300.00
350	SDR 26 PVC Riser, 6"	VF	35.000	\$ 100.00	\$ 3,500.00	\$ 3.50	\$ 122.50	\$ 100.00	\$ 3,500.00	\$ 50.00	\$ 1,750.00
353	SDR 26 PVC Service Lead, 6"	LF	167.000	\$ 100.00	\$ 16,700.00	\$ 155.00	\$ 25,885.00	\$ 100.00	\$ 16,700.00	\$ 250.00	\$ 41,750.00
360	Type I Manhole (0-10' deep)	Each	5.000	\$ 7,500.00	\$ 37,500.00	\$ 4,200.00	\$ 21,000.00	\$ 3,000.00	\$ 15,000.00	\$ 3,900.00	\$ 19,500.00
361	Type I Manhole Add'l Depth	VF	6.000	\$ 350.00	\$ 2,100.00	\$ 75.00	\$ 450.00	\$ 300.00	\$ 1,800.00	\$ 82.00	\$ 492.00
370	Drop Connection, 8 inch	VF	12.000	\$ 400.00	\$ 4,800.00	\$ 215.00	\$ 2,580.00	\$ 300.00	\$ 3,600.00	\$ 125.00	\$ 1,500.00

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				<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>	<u>Unit Price</u>	<u>Total Price</u>
563	Structure Covers	Lbs	400.000	\$ 2.00	\$ 800.00	\$ 1.50	\$ 600.00	\$ 2.00	\$ 800.00	\$ 3.00	\$ 1,200.00
594	Hot-Applied, Thermoplastic Pavement Marking, 4" White	LF	258.000	\$ 2.50	\$ 645.00	\$ 3.50	\$ 903.00	\$ 5.00	\$ 1,290.00	\$ 3.00	\$ 774.00
595	Hot-Applied, Thermoplastic Pavement Marking, 4" Yellow	LF	698.000	\$ 2.50	\$ 1,745.00	\$ 3.50	\$ 2,443.00	\$ 5.00	\$ 3,490.00	\$ 3.00	\$ 2,094.00
596	Hot-Applied, Thermoplastic Pavement Marking, 6" White	LF	220.000	\$ 3.75	\$ 825.00	\$ 4.50	\$ 990.00	\$ 6.00	\$ 1,320.00	\$ 5.00	\$ 1,100.00
703	Silt Fence	LF	500.000	\$ 2.50	\$ 1,250.00	\$ 3.50	\$ 1,750.00	\$ 4.00	\$ 2,000.00	\$ 4.00	\$ 2,000.00
TOTAL				\$	313,938.19	\$	355,900.00	\$	379,481.63	\$	494,823.62