

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

					ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
		<b>ROADWAY</b>												
1	201E110	CLEARING AND GRUBBING	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 75,000.00	\$ 75,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 85,000.00	\$ 85,000.00
2	202E230	PAVEMENT REMOVED	SY	3344	\$ 8.01	\$ 26,793.33	\$ 15.00	\$ 50,160.00	\$ 15.00	\$ 50,160.00	\$ 6.00	\$ 20,064.00	\$ 20.00	\$ 66,880.00
3	202E300	WALK REMOVED	SF	507	\$ 6.96	\$ 3,527.29	\$ 1.85	\$ 937.95	\$ 2.00	\$ 1,014.00	\$ 2.00	\$ 1,014.00	\$ 3.00	\$ 1,521.00
4	202E320	CURB REMOVED	FT	3278	\$ 5.42	\$ 17,763.74	\$ 6.90	\$ 22,618.20	\$ 4.00	\$ 13,112.00	\$ 4.00	\$ 13,112.00	\$ 11.00	\$ 36,058.00
5	202E325	CURB AND GUTTER REMOVED	FT	273	\$ 14.35	\$ 3,916.66	\$ 6.75	\$ 1,842.75	\$ 7.00	\$ 1,911.00	\$ 8.00	\$ 2,184.00	\$ 10.00	\$ 2,730.00
6	202E351	PIPE REMOVED, 24" AND UNDER	FT	3323	\$ 10.42	\$ 34,630.41	\$ 24.00	\$ 79,752.00	\$ 12.00	\$ 39,876.00	\$ 24.00	\$ 79,752.00	\$ 20.00	\$ 66,460.00
7	202E380	GUARDRAIL REMOVED	FT	635	\$ 2.12	\$ 1,343.72	\$ 2.00	\$ 1,270.00	\$ 5.00	\$ 3,175.00	\$ 5.00	\$ 3,175.00	\$ 5.50	\$ 3,492.50
8	202E580	MANHOLE REMOVED	EACH	5	\$ 676.64	\$ 3,383.18	\$ 580.00	\$ 2,900.00	\$ 720.00	\$ 3,600.00	\$ 850.00	\$ 4,250.00	\$ 550.00	\$ 2,750.00
9	202E581	CATCH BASIN REMOVED	EACH	23	\$ 413.31	\$ 9,506.04	\$ 320.00	\$ 7,360.00	\$ 440.00	\$ 10,120.00	\$ 300.00	\$ 6,900.00	\$ 550.00	\$ 12,650.00
10	202E700	SPECIAL - FILL AND PLUG EXISTING CO	FT	49	\$ 25.00	\$ 1,225.00	\$ 24.50	\$ 1,200.50	\$ 36.00	\$ 1,764.00	\$ 50.00	\$ 2,450.00	\$ 20.00	\$ 980.00
11	202E750	FENCE REMOVED	FT	700	\$ 2.56	\$ 1,788.56	\$ 2.60	\$ 1,820.00	\$ 3.00	\$ 2,100.00	\$ 3.00	\$ 2,100.00	\$ 3.50	\$ 2,450.00
12	202E752	GATE REMOVED	EACH	1	\$ 252.28	\$ 252.28	\$ 350.00	\$ 350.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 550.00	\$ 550.00
13	202E756	VALVE BOX REMOVED	EACH	1	\$ 185.07	\$ 185.07	\$ 135.00	\$ 135.00	\$ 100.00	\$ 100.00	\$ 250.00	\$ 250.00	\$ 400.00	\$ 400.00
14	202E981	REMOVAL MISC.: SIGN REMOVED (NON	EACH	2	\$ 150.00	\$ 300.00	\$ 136.00	\$ 272.00	\$ 520.00	\$ 1,040.00	\$ 140.00	\$ 280.00	\$ 800.00	\$ 1,600.00
15	202E981	REMOVAL MISC.: SIGN REMOVED (ELEC	EACH	2	\$ 500.00	\$ 1,000.00	\$ 385.00	\$ 770.00	\$ 1,500.00	\$ 3,000.00	\$ 800.00	\$ 1,600.00	\$ 1,800.00	\$ 3,600.00
16	202E981	REMOVAL MISC.: ROCK REMOVED	EACH	10	\$ 100.00	\$ 1,000.00	\$ 55.00	\$ 550.00	\$ 100.00	\$ 1,000.00	\$ 50.00	\$ 500.00	\$ 100.00	\$ 1,000.00
17	202E981	REMOVAL MISC.: ELECTRICAL OUTLET	EACH	1	\$ 200.00	\$ 200.00	\$ 135.00	\$ 135.00	\$ 175.00	\$ 175.00	\$ 200.00	\$ 200.00	\$ 400.00	\$ 400.00
18	202E981	REMOVAL MISC.: SPRINKLER HEAD REI	EACH	2	\$ 100.00	\$ 200.00	\$ 27.00	\$ 54.00	\$ 70.00	\$ 140.00	\$ 200.00	\$ 400.00	\$ 50.00	\$ 100.00
19	202E981	REMOVAL MISC.: REFLECTOR REMOVE	EACH	2	\$ 25.00	\$ 50.00	\$ 8.00	\$ 16.00	\$ 70.00	\$ 140.00	\$ 80.00	\$ 160.00	\$ 100.00	\$ 200.00
20	202E982	REMOVAL MISC.: TIMBERED LANDSCAF	FT	176	\$ 10.00	\$ 1,760.00	\$ 15.50	\$ 2,728.00	\$ 32.00	\$ 5,632.00	\$ 5.00	\$ 880.00	\$ 10.00	\$ 1,760.00
21	202E984	REMOVAL MISC.: FLOWER BED REMOV	SF	190	\$ 15.00	\$ 2,850.00	\$ 2.88	\$ 547.20	\$ 2.00	\$ 380.00	\$ 2.00	\$ 380.00	\$ 1.00	\$ 190.00
22	202E984	REMOVAL MISC.: STAMPED CONCRETE	SF	326	\$ 10.00	\$ 3,260.00	\$ 9.40	\$ 3,064.40	\$ 3.00	\$ 978.00	\$ 1.00	\$ 326.00	\$ 3.50	\$ 1,141.00
23	203E100	EXCAVATION	CY	6517	\$ 24.50	\$ 159,666.50	\$ 34.00	\$ 221,578.00	\$ 22.50	\$ 146,632.50	\$ 20.00	\$ 130,340.00	\$ 21.50	\$ 140,115.50
24	203E200	EMBANKMENT	CY	2810	\$ 12.99	\$ 36,488.66	\$ 12.00	\$ 33,720.00	\$ 11.00	\$ 30,910.00	\$ 24.00	\$ 67,440.00	\$ 10.00	\$ 28,100.00
25	204E100	SUBGRADE COMPACTION	SY	11489	\$ 1.04	\$ 11,947.53	\$ 2.00	\$ 22,978.00	\$ 3.00	\$ 34,467.00	\$ 4.00	\$ 45,956.00	\$ 1.00	\$ 11,489.00
26	204E130	EXCAVATION OF SUBGRADE	CY	4132	\$ 25.75	\$ 106,399.00	\$ 18.00	\$ 74,376.00	\$ 35.00	\$ 144,620.00	\$ 20.00	\$ 82,640.00	\$ 30.00	\$ 123,960.00
27	204E200	EMBANKMENT	CY	2782	\$ 10.16	\$ 28,274.41	\$ 28.00	\$ 77,896.00	\$ 11.00	\$ 30,602.00	\$ 30.00	\$ 83,460.00	\$ 30.00	\$ 83,460.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
28	204E300	GRANULAR MATERIAL, TYPE B, AS PER	CY	580	\$ 55.00	\$ 31,900.00	\$ 82.00	\$ 47,560.00	\$ 77.00	\$ 44,660.00	\$ 80.00	\$ 46,400.00	\$ 80.00	\$ 46,400.00
29	204E450	PROOF ROLLING	HOURL	4.25	\$ 183.48	\$ 779.77	\$ 240.00	\$ 1,020.00	\$ 450.00	\$ 1,912.50	\$ 280.00	\$ 1,190.00	\$ 200.00	\$ 850.00
30	204E500	GEOTEXTILE FABRIC	SY	6294	\$ 0.82	\$ 5,146.48	\$ 1.70	\$ 10,699.80	\$ 1.50	\$ 9,441.00	\$ 2.00	\$ 12,588.00	\$ 1.50	\$ 9,441.00
31	209E602	LINEAR GRADING, AS PER PLAN	STA	38	\$ 90.00	\$ 3,420.00	\$ 158.00	\$ 6,004.00	\$ 175.00	\$ 6,650.00	\$ 110.00	\$ 4,180.00	\$ 1,000.00	\$ 38,000.00
32	209E720	PREPARING SUBGRADE FOR SHOULDE	STA	42	\$ 82.68	\$ 3,472.48	\$ 190.00	\$ 7,980.00	\$ 215.00	\$ 9,030.00	\$ 100.00	\$ 4,200.00	\$ 75.00	\$ 3,150.00
33	606E150	GUARDRAIL, TYPE MGS	FT	580	\$ 23.45	\$ 13,599.88	\$ 22.20	\$ 12,876.00	\$ 21.00	\$ 12,180.00	\$ 21.00	\$ 12,180.00	\$ 24.00	\$ 13,920.00
34	606E151	GUARDRAIL, TYPE MGS HALF POST SP	FT	94	\$ 27.17	\$ 2,553.90	\$ 27.00	\$ 2,538.00	\$ 22.75	\$ 2,138.50	\$ 24.00	\$ 2,256.00	\$ 26.00	\$ 2,444.00
35	606E152	GUARDRAIL, TYPE MGS QUARTER POS	FT	75	\$ 59.05	\$ 4,428.68	\$ 34.40	\$ 2,580.00	\$ 24.00	\$ 1,800.00	\$ 26.00	\$ 1,950.00	\$ 27.00	\$ 2,025.00
36	606E173	GUARDRAIL, TYPE MGS, LONG-SPAN	FT	37.5	\$ 22.65	\$ 849.34	\$ 24.00	\$ 900.00	\$ 29.00	\$ 1,087.50	\$ 30.00	\$ 1,125.00	\$ 32.00	\$ 1,200.00
37	606E260	ANCHOR ASSEMBLY, MGS TYPE B	EACH	1	\$ 2,282.92	\$ 2,282.92	\$ 2,320.00	\$ 2,320.00	\$ 2,125.00	\$ 2,125.00	\$ 2,200.00	\$ 2,200.00	\$ 2,400.00	\$ 2,400.00
38	606E261	ANCHOR ASSEMBLY, MGS TYPE E MAS	EACH	4	\$ 2,835.06	\$ 11,340.24	\$ 2,780.00	\$ 11,120.00	\$ 2,075.00	\$ 8,300.00	\$ 2,200.00	\$ 8,800.00	\$ 2,300.00	\$ 9,200.00
39	606E265	ANCHOR ASSEMBLY, MGS TYPE T	EACH	11	\$ 1,172.78	\$ 12,900.59	\$ 1,360.00	\$ 14,960.00	\$ 1,300.00	\$ 14,300.00	\$ 1,400.00	\$ 15,400.00	\$ 1,500.00	\$ 16,500.00
40	607E980	FENCE, MISC.: WOOD RAILING	FT	30	\$ 55.00	\$ 1,650.00	\$ 89.50	\$ 2,685.00	\$ 65.00	\$ 1,950.00	\$ 70.00	\$ 2,100.00	\$ 72.00	\$ 2,160.00
41	607E982	FENCE, MISC.: FENCE REMOVED AND R	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 29,475.00	\$ 29,475.00	\$ 14,800.00	\$ 14,800.00	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00
42	608E100	4" CONCRETE WALK	SF	8343	\$ 10.00	\$ 83,430.00	\$ 6.00	\$ 50,058.00	\$ 8.60	\$ 71,749.80	\$ 5.00	\$ 41,715.00	\$ 8.00	\$ 66,744.00
43	608E130	6" CONCRETE WALK	SF	30028	\$ 12.00	\$ 360,336.00	\$ 6.20	\$ 186,173.60	\$ 9.20	\$ 276,257.60	\$ 6.00	\$ 180,168.00	\$ 8.50	\$ 255,238.00
44	608E130	6" CONCRETE WALK, AS PER PLAN	SF	2026	\$ 18.00	\$ 36,468.00	\$ 6.65	\$ 13,472.90	\$ 10.40	\$ 21,070.40	\$ 16.00	\$ 32,416.00	\$ 10.00	\$ 20,260.00
45	608E150	8" CONCRETE WALK, AS PER PLAN	SF	7568	\$ 20.00	\$ 151,360.00	\$ 7.75	\$ 58,652.00	\$ 13.40	\$ 101,411.20	\$ 14.00	\$ 105,952.00	\$ 11.00	\$ 83,248.00
46	608E520	CURB RAMP	SF	1739	\$ 18.32	\$ 31,859.02	\$ 8.80	\$ 15,303.20	\$ 19.00	\$ 33,041.00	\$ 24.00	\$ 41,736.00	\$ 18.50	\$ 32,171.50
47	623E385	MONUMENT ASSEMBLY, TYPE C	EACH	4	\$ 991.00	\$ 3,964.00	\$ 1,350.00	\$ 5,400.00	\$ 2,050.00	\$ 8,200.00	\$ 1,400.00	\$ 5,600.00	\$ 1,650.00	\$ 6,600.00
48	623E395	MONUMENT BOX ADJUSTED TO GRADE	EACH	6	\$ 650.00	\$ 3,900.00	\$ 1,650.00	\$ 9,900.00	\$ 1,675.00	\$ 10,050.00	\$ 1,100.00	\$ 6,600.00	\$ 500.00	\$ 3,000.00
49	623E400	MONUMENT ASSEMBLY REMOVED AND	EACH	6	\$ 850.00	\$ 5,100.00	\$ 750.00	\$ 4,500.00	\$ 1,365.00	\$ 8,190.00	\$ 1,000.00	\$ 6,000.00	\$ 500.00	\$ 3,000.00
50	690E501	SPECIAL - MAILBOX SUPPORT SYSTEM	EACH	7	\$ 198.91	\$ 1,392.36	\$ 195.00	\$ 1,365.00	\$ 265.00	\$ 1,855.00	\$ 150.00	\$ 1,050.00	\$ 300.00	\$ 2,100.00
51	690E984	SPECIAL -PRECONSTRUCTION VIDEO R	LS	1	\$ 3,000.00	\$ 3,000.00	\$ 2,000.00	\$ 2,000.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 800.00	\$ 2,500.00	\$ 2,500.00
52	690E984	SPECIAL -SURVEY CONTROL VERIFICA	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 2,980.00	\$ 2,980.00	\$ 6,600.00	\$ 6,600.00	\$ 2,000.00	\$ 2,000.00	\$ 3,300.00	\$ 3,300.00
		<b>EROSION CONTROL</b>												
53	601E210	TIED CONCRETE BLOCK MAT, TYPE 1	SY	6	\$ 216.53	\$ 1,299.18	\$ 190.00	\$ 1,140.00	\$ 220.00	\$ 1,320.00	\$ 230.00	\$ 1,380.00	\$ 400.00	\$ 2,400.00
54	659E001	SOIL ANALYSIS TEST	EACH	2	\$ 75.27	\$ 150.55	\$ 200.00	\$ 400.00	\$ 100.00	\$ 200.00	\$ 50.00	\$ 100.00	\$ 300.00	\$ 600.00
55	659E003	TOPSOIL	CY	1722	\$ 22.31	\$ 38,426.03	\$ 35.00	\$ 60,270.00	\$ 35.00	\$ 60,270.00	\$ 48.00	\$ 82,656.00	\$ 45.00	\$ 77,490.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
56	659E100	SEEDING AND MULCHING	SY	15506	\$ 0.78	\$ 12,092.82	\$ 0.93	\$ 14,420.58	\$ 1.60	\$ 24,809.60	\$ 1.20	\$ 18,607.20	\$ 2.50	\$ 38,765.00
57	659E140	REPAIR SEEDING AND MULCHING	SY	776	\$ 0.61	\$ 471.95	\$ 1.00	\$ 776.00	\$ 1.60	\$ 1,241.60	\$ 2.00	\$ 1,552.00	\$ 2.50	\$ 1,940.00
58	659E150	INTER-SEEDING	SY	776	\$ 0.45	\$ 347.55	\$ 0.01	\$ 7.76	\$ 1.50	\$ 1,164.00	\$ 1.00	\$ 776.00	\$ 2.50	\$ 1,940.00
59	659E200	COMMERCIAL FERTILIZER	TON	2.16	\$ 537.49	\$ 1,160.97	\$ 1,200.00	\$ 2,592.00	\$ 1,975.00	\$ 4,266.00	\$ 600.00	\$ 1,296.00	\$ 1,600.00	\$ 3,456.00
60	659E310	LIME	ACRE	3.2	\$ 46.91	\$ 150.13	\$ 0.01	\$ 0.03	\$ 400.00	\$ 1,280.00	\$ 10.00	\$ 32.00	\$ 375.00	\$ 1,200.00
61	659E350	WATER	MGAL	86	\$ 0.57	\$ 49.40	\$ 0.01	\$ 0.86	\$ 10.00	\$ 860.00	\$ 20.00	\$ 1,720.00	\$ 230.00	\$ 19,780.00
62	670E005	SLOPE EROSION PROTECTION MAT, TY	SY	224	\$ 3.00	\$ 672.00	\$ 3.00	\$ 672.00	\$ 4.50	\$ 1,008.00	\$ 3.00	\$ 672.00	\$ 5.00	\$ 1,120.00
63	670E007	DITCH EROSION PROTECTION MAT, TY	SY	1127	\$ 1.74	\$ 1,960.43	\$ 2.50	\$ 2,817.50	\$ 3.00	\$ 3,381.00	\$ 3.00	\$ 3,381.00	\$ 2.00	\$ 2,254.00
64	832E150	STORM WATER POLLUTION PREVENTION	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 1,475.00	\$ 1,475.00	\$ 3,700.00	\$ 3,700.00	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00
65	832E150	STORM WATER POLLUTION PREVENTION	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 15,200.00	\$ 15,200.00	\$ 15,200.00	\$ 15,200.00	\$ 16,000.00	\$ 16,000.00	\$ 24,000.00	\$ 24,000.00
66	832E150	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 17,000.00	\$ 17,000.00	\$ 18,000.00	\$ 18,000.00	\$ 18,500.00	\$ 18,500.00
67	832E300	EROSION CONTROL	EACH	85000	\$ 1.00	\$ 85,000.00	\$ 1.00	\$ 85,000.00	\$ 1.00	\$ 85,000.00	\$ 1.00	\$ 85,000.00	\$ 1.00	\$ 85,000.00
		<b>DRAINAGE</b>												
68	602E200	CONCRETE MASONRY	CY	0.27	\$ 3,232.70	\$ 872.83	\$ 2,500.00	\$ 675.00	\$ 2,600.00	\$ 702.00	\$ 3,600.00	\$ 972.00	\$ 3,900.00	\$ 1,053.00
69	605E133	6" UNCLASSIFIED PIPE UNDERDRAINS	FT	50	\$ 19.29	\$ 964.63	\$ 15.00	\$ 750.00	\$ 20.00	\$ 1,000.00	\$ 16.00	\$ 800.00	\$ 15.00	\$ 750.00
70	605E140	6" BASE PIPE UNDERDRAINS WITH GEC	FT	7565	\$ 7.94	\$ 60,030.17	\$ 12.25	\$ 92,671.25	\$ 14.25	\$ 107,801.25	\$ 18.00	\$ 136,170.00	\$ 15.00	\$ 113,475.00
71	605E311	AGGREGATE DRAINS	FT	96	\$ 17.65	\$ 1,694.34	\$ 14.00	\$ 1,344.00	\$ 8.50	\$ 816.00	\$ 30.00	\$ 2,880.00	\$ 10.00	\$ 960.00
72	611E005	6" CONDUIT, TYPE F FOR UNDERDRAIN	FT	440	\$ 24.67	\$ 10,855.53	\$ 10.50	\$ 4,620.00	\$ 17.00	\$ 7,480.00	\$ 26.00	\$ 11,440.00	\$ 16.00	\$ 7,040.00
73	611E044	12" CONDUIT, TYPE B	FT	1061	\$ 58.00	\$ 61,538.00	\$ 105.00	\$ 111,405.00	\$ 100.00	\$ 106,100.00	\$ 94.00	\$ 99,734.00	\$ 113.00	\$ 119,893.00
73a	611E044	12" CONDUIT, TYPE B, AS PER PLAN	FT	725	\$ 100.00	\$ 72,500.00	\$ 137.08	\$ 99,383.00	\$ 143.00	\$ 103,675.00	\$ 170.00	\$ 123,250.00	\$ 192.00	\$ 139,200.00
74	611E046	12" CONDUIT, TYPE C	FT	752	\$ 45.00	\$ 33,840.00	\$ 78.00	\$ 58,656.00	\$ 73.00	\$ 54,896.00	\$ 80.00	\$ 60,160.00	\$ 95.00	\$ 71,440.00
75	611E059	15" CONDUIT, TYPE B	FT	531	\$ 63.00	\$ 33,453.00	\$ 116.00	\$ 61,596.00	\$ 81.00	\$ 43,011.00	\$ 96.00	\$ 50,976.00	\$ 119.00	\$ 63,189.00
75a	611E059	15" CONDUIT, TYPE B, AS PER PLAN	FT	481	\$ 120.00	\$ 57,720.00	\$ 142.22	\$ 68,407.82	\$ 130.00	\$ 62,530.00	\$ 230.00	\$ 110,630.00	\$ 134.00	\$ 64,454.00
76	611E061	15" CONDUIT, TYPE C	FT	53	\$ 92.75	\$ 4,915.72	\$ 89.00	\$ 4,717.00	\$ 89.00	\$ 4,717.00	\$ 93.00	\$ 4,929.00	\$ 110.00	\$ 5,830.00
77	611E074	18" CONDUIT, TYPE B	FT	166	\$ 103.70	\$ 17,214.08	\$ 110.00	\$ 18,260.00	\$ 101.00	\$ 16,766.00	\$ 94.00	\$ 15,604.00	\$ 149.00	\$ 24,734.00
78	611E076	18" CONDUIT, TYPE C	FT	169	\$ 75.79	\$ 12,808.04	\$ 88.00	\$ 14,872.00	\$ 87.00	\$ 14,703.00	\$ 102.00	\$ 17,238.00	\$ 159.00	\$ 26,871.00
79	611E089	21" CONDUIT, TYPE B, AS PER PLAN	FT	45	\$ 132.61	\$ 5,967.33	\$ 360.00	\$ 16,200.00	\$ 295.00	\$ 13,275.00	\$ 230.00	\$ 10,350.00	\$ 240.00	\$ 10,800.00
80	611E091	21" CONDUIT, TYPE C	FT	204	\$ 120.80	\$ 24,644.14	\$ 115.00	\$ 23,460.00	\$ 134.00	\$ 27,336.00	\$ 126.00	\$ 25,704.00	\$ 150.00	\$ 30,600.00
81	611E981	CATCH BASIN, NO. 3	EACH	6	\$ 3,768.71	\$ 22,612.29	\$ 4,300.00	\$ 25,800.00	\$ 5,675.00	\$ 34,050.00	\$ 4,600.00	\$ 27,600.00	\$ 5,200.00	\$ 31,200.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
82	611E981	CATCH BASIN, NO. 3A	EACH	27	\$ 2,869.68	\$ 77,481.29	\$ 3,500.00	\$ 94,500.00	\$ 3,375.00	\$ 91,125.00	\$ 3,100.00	\$ 83,700.00	\$ 3,900.00	\$ 105,300.00
83	611E983	CATCH BASIN, NO. 6	EACH	2	\$ 2,791.12	\$ 5,582.24	\$ 2,900.00	\$ 5,800.00	\$ 3,175.00	\$ 6,350.00	\$ 3,100.00	\$ 6,200.00	\$ 3,850.00	\$ 7,700.00
84	611E983	CATCH BASIN, NO. 7	EACH	8	\$ 2,311.86	\$ 18,494.92	\$ 1,400.00	\$ 11,200.00	\$ 1,675.00	\$ 13,400.00	\$ 2,100.00	\$ 16,800.00	\$ 3,010.00	\$ 24,080.00
85	611E984	CATCH BASIN, NO. 2-2B	EACH	8	\$ 1,902.52	\$ 15,220.14	\$ 1,700.00	\$ 13,600.00	\$ 2,025.00	\$ 16,200.00	\$ 2,800.00	\$ 22,400.00	\$ 3,100.00	\$ 24,800.00
86	611E985	CATCH BASIN, NO. 2-3	EACH	2	\$ 2,559.43	\$ 5,118.87	\$ 2,000.00	\$ 4,000.00	\$ 3,525.00	\$ 7,050.00	\$ 3,200.00	\$ 6,400.00	\$ 3,600.00	\$ 7,200.00
87	611E986	CATCH BASIN ADJUSTED TO GRADE	EACH	6	\$ 1,101.44	\$ 6,608.64	\$ 1,000.00	\$ 6,000.00	\$ 325.00	\$ 1,950.00	\$ 900.00	\$ 5,400.00	\$ 650.00	\$ 3,900.00
88	611E995	MANHOLE, NO. 3	EACH	2	\$ 4,294.27	\$ 8,588.54	\$ 3,600.00	\$ 7,200.00	\$ 7,900.00	\$ 15,800.00	\$ 4,300.00	\$ 8,600.00	\$ 5,600.00	\$ 11,200.00
89	611E995	MANHOLE, NO. 3, WITH 108" BASE ID AN	EACH	1	\$ 5,000.00	\$ 5,000.00	\$ 13,000.00	\$ 13,000.00	\$ 15,250.00	\$ 15,250.00	\$ 20,000.00	\$ 20,000.00	\$ 25,500.00	\$ 25,500.00
90	611E996	MANHOLE ADJUSTED TO GRADE, AS P	EACH	2	\$ 1,250.00	\$ 2,500.00	\$ 1,700.00	\$ 3,400.00	\$ 2,450.00	\$ 4,900.00	\$ 1,600.00	\$ 3,200.00	\$ 1,500.00	\$ 3,000.00
91	611E997	PRECAST REINFORCED CONCRETE OU	EACH	3	\$ 375.09	\$ 1,125.26	\$ 463.00	\$ 1,389.00	\$ 275.00	\$ 825.00	\$ 400.00	\$ 1,200.00	\$ 450.00	\$ 1,350.00
92	611E998	SPECIAL - MISCELLANEOUS METAL	LB	2000	\$ 1.97	\$ 3,945.28	\$ 1.80	\$ 3,600.00	\$ 3.00	\$ 6,000.00	\$ 1.65	\$ 3,300.00	\$ 3.00	\$ 6,000.00
93	895E100	MANUFACTURED WATER QUALITY STR	EACH	1	\$ 50,000.00	\$ 50,000.00	\$ 35,500.00	\$ 35,500.00	\$ 42,000.00	\$ 42,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
		<b>PAVEMENT</b>												
93a	251E010	PARTIAL DEPTH PAVEMENT REPAIR (44	SY	515	\$ 50.00	\$ 25,750.00	\$ 86.00	\$ 44,290.00	\$ 65.00	\$ 33,475.00	\$ 50.00	\$ 25,750.00	\$ 35.00	\$ 18,025.00
94	252E015	FULL DEPTH PAVEMENT SAWING	FT	11086	\$ 2.00	\$ 22,172.00	\$ 2.00	\$ 22,172.00	\$ 1.85	\$ 20,509.10	\$ 2.00	\$ 22,172.00	\$ 2.00	\$ 22,172.00
95	253E010	PAVEMENT REPAIR	SY	515	\$ 86.71	\$ 44,654.33	\$ 115.00	\$ 59,225.00	\$ 150.00	\$ 77,250.00	\$ 108.00	\$ 55,620.00	\$ 105.00	\$ 54,075.00
96	254E010	PAVEMENT PLANING, ASPHALT CONCR	SY	20318	\$ 2.11	\$ 42,800.07	\$ 2.50	\$ 50,795.00	\$ 6.00	\$ 121,908.00	\$ 4.00	\$ 81,272.00	\$ 8.00	\$ 162,544.00
97	301E560	ASPHALT CONCRETE BASE, PG64-22, (4	CY	1151	\$ 212.50	\$ 244,587.50	\$ 194.00	\$ 223,294.00	\$ 180.00	\$ 207,180.00	\$ 196.00	\$ 225,596.00	\$ 280.00	\$ 322,280.00
98	304E200	AGGREGATE BASE	CY	2675	\$ 96.75	\$ 258,806.25	\$ 119.00	\$ 318,325.00	\$ 98.00	\$ 262,150.00	\$ 90.00	\$ 240,750.00	\$ 80.00	\$ 214,000.00
99	407E200	NON-TRACKING TACK COAT	GAL	3640	\$ 3.00	\$ 10,920.00	\$ 3.00	\$ 10,920.00	\$ 2.00	\$ 7,280.00	\$ 3.00	\$ 10,920.00	\$ 5.00	\$ 18,200.00
100	408E100	PRIME COAT, AS PER PLAN	GAL	498	\$ 5.00	\$ 2,490.00	\$ 6.50	\$ 3,237.00	\$ 2.00	\$ 996.00	\$ 4.00	\$ 1,992.00	\$ 8.00	\$ 3,984.00
101	441E501	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), AS PER PLAN,	CY	969	\$ 225.00	\$ 218,025.00	\$ 235.00	\$ 227,715.00	\$ 235.00	\$ 227,715.00	\$ 240.00	\$ 232,560.00	\$ 340.00	\$ 329,460.00
102	441E503	ASPHALT CONCRETE INTERMEDIATE C	CY	1343	\$ 175.00	\$ 235,025.00	\$ 169.00	\$ 226,967.00	\$ 200.00	\$ 268,600.00	\$ 196.00	\$ 263,228.00	\$ 280.00	\$ 376,040.00
103	441E702	ASPHALT CONCRETE INTERMEDIATE C	CY	63	\$ 250.00	\$ 15,750.00	\$ 340.00	\$ 21,420.00	\$ 310.00	\$ 19,530.00	\$ 400.00	\$ 25,200.00	\$ 340.00	\$ 21,420.00
104	441E705	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS),	CY	38	\$ 200.00	\$ 7,600.00	\$ 620.00	\$ 23,560.00	\$ 460.00	\$ 17,480.00	\$ 540.00	\$ 20,520.00	\$ 500.00	\$ 19,000.00
105	441E707	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS)	CY	50	\$ 347.61	\$ 17,380.40	\$ 530.00	\$ 26,500.00	\$ 460.00	\$ 23,000.00	\$ 400.00	\$ 20,000.00	\$ 500.00	\$ 25,000.00
106	452E100	6" NON-REINFORCED CONCRETE PAVE	SY	465	\$ 70.00	\$ 32,550.00	\$ 58.00	\$ 26,970.00	\$ 99.00	\$ 46,035.00	\$ 88.00	\$ 40,920.00	\$ 90.00	\$ 41,850.00
107	452E120	8" NON-REINFORCED CONCRETE PAVE	SY	822	\$ 85.00	\$ 69,870.00	\$ 74.00	\$ 60,828.00	\$ 113.00	\$ 92,886.00	\$ 84.00	\$ 69,048.00	\$ 105.00	\$ 86,310.00
108	609E120	COMBINATION CURB AND GUTTER, TY	FT	50	\$ 51.25	\$ 2,562.27	\$ 44.50	\$ 2,225.00	\$ 65.00	\$ 3,250.00	\$ 58.00	\$ 2,900.00	\$ 40.00	\$ 2,000.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
109	609E180	COMBINATION CURB AND GUTTER, TYPE 6	FT	93	\$ 40.00	\$ 3,720.00	\$ 18.90	\$ 1,757.70	\$ 65.00	\$ 6,045.00	\$ 56.00	\$ 5,208.00	\$ 40.00	\$ 3,720.00
110	609E260	CURB, TYPE 6	FT	7262	\$ 17.95	\$ 130,360.31	\$ 18.50	\$ 134,347.00	\$ 25.00	\$ 181,550.00	\$ 20.00	\$ 145,240.00	\$ 16.50	\$ 119,823.00
111	609E260	CURB, TYPE 6, AS PER PLAN	FT	1991	\$ 30.00	\$ 59,730.00	\$ 24.00	\$ 47,784.00	\$ 50.00	\$ 99,550.00	\$ 36.00	\$ 71,676.00	\$ 25.00	\$ 49,775.00
112	617E101	COMPACTED AGGREGATE, AS PER PLAN	CY	108	\$ 85.00	\$ 9,180.00	\$ 115.00	\$ 12,420.00	\$ 125.00	\$ 13,500.00	\$ 140.00	\$ 15,120.00	\$ 90.00	\$ 9,720.00
113	875E100	LONGITUDINAL JOINT ADHESIVE	LB	1392	\$ 1.50	\$ 2,093.33	\$ 1.00	\$ 1,392.00	\$ 3.00	\$ 4,176.00	\$ 1.00	\$ 1,392.00	\$ 6.00	\$ 8,352.00
<b>WATER WORKS</b>														
114	638E008	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, BOLTLESS-REST	FT	50	\$ 110.00	\$ 5,500.00	\$ 220.00	\$ 11,000.00	\$ 270.00	\$ 13,500.00	\$ 400.00	\$ 20,000.00	\$ 300.00	\$ 15,000.00
115	638E093	6" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX	EACH	2	\$ 2,500.00	\$ 5,000.00	\$ 6,100.00	\$ 12,200.00	\$ 5,600.00	\$ 11,200.00	\$ 2,800.00	\$ 5,600.00	\$ 6,500.00	\$ 13,000.00
116	638E104	FIRE HYDRANT ADJUSTED TO GRADE	EACH	9	\$ 969.79	\$ 8,728.08	\$ 1,250.00	\$ 11,250.00	\$ 1,650.00	\$ 14,850.00	\$ 2,200.00	\$ 19,800.00	\$ 1,800.00	\$ 16,200.00
117	638E108	VALVE BOX ADJUSTED TO GRADE	EACH	18	\$ 483.09	\$ 8,695.69	\$ 145.00	\$ 2,610.00	\$ 175.00	\$ 3,150.00	\$ 160.00	\$ 2,880.00	\$ 500.00	\$ 9,000.00
118	638E108	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN	EACH	10	\$ 500.00	\$ 5,000.00	\$ 1,100.00	\$ 11,000.00	\$ 1,650.00	\$ 16,500.00	\$ 800.00	\$ 8,000.00	\$ 1,000.00	\$ 10,000.00
119	638E109	SERVICE BOX ADJUSTED TO GRADE	EACH	1	\$ 285.37	\$ 285.37	\$ 120.00	\$ 120.00	\$ 125.00	\$ 125.00	\$ 280.00	\$ 280.00	\$ 210.00	\$ 210.00
<b>TRAFFIC CONTROL</b>														
120	625E320	GROUND ROD	EACH	1	\$ 266.61	\$ 266.61	\$ 375.00	\$ 375.00	\$ 235.00	\$ 235.00	\$ 350.00	\$ 350.00	\$ 390.00	\$ 390.00
121	626E001	BARRIER REFLECTOR, TYPE 2, 1 WAY	EACH	24	\$ 9.68	\$ 232.24	\$ 12.50	\$ 300.00	\$ 10.00	\$ 240.00	\$ 13.00	\$ 312.00	\$ 11.00	\$ 264.00
122	630E021	GROUND MOUNTED SUPPORT, NO. 2 P	FT	137.9	\$ 9.75	\$ 1,344.01	\$ 13.00	\$ 1,792.70	\$ 11.50	\$ 1,585.85	\$ 14.00	\$ 1,930.60	\$ 12.00	\$ 1,654.80
123	630E031	GROUND MOUNTED SUPPORT, NO. 3 P	FT	451.9	\$ 10.65	\$ 4,811.34	\$ 14.00	\$ 6,326.60	\$ 15.00	\$ 6,778.50	\$ 15.00	\$ 6,778.50	\$ 14.00	\$ 6,326.60
124	630E041	GROUND MOUNTED SUPPORT, NO. 4 P	FT	16.5	\$ 15.22	\$ 251.13	\$ 19.00	\$ 313.50	\$ 17.50	\$ 288.75	\$ 20.00	\$ 330.00	\$ 24.00	\$ 396.00
125	630E086	SIGN POST REFLECTOR	EACH	5	\$ 52.27	\$ 261.36	\$ 45.00	\$ 225.00	\$ 82.00	\$ 410.00	\$ 48.00	\$ 240.00	\$ 66.00	\$ 330.00
126	630E725	OVERHEAD SIGN SUPPORT, TYPE TC-1	EACH	1	\$ 15,000.00	\$ 15,000.00	\$ 23,460.00	\$ 23,460.00	\$ 24,000.00	\$ 24,000.00	\$ 30,000.00	\$ 30,000.00	\$ 31,000.00	\$ 31,000.00
127	630E791	SIGN HANGER ASSEMBLY, MAST ARM, 1/2"	EACH	14	\$ 305.00	\$ 4,270.00	\$ 445.00	\$ 6,230.00	\$ 375.00	\$ 5,250.00	\$ 480.00	\$ 6,720.00	\$ 425.00	\$ 5,950.00
128	630E795	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	EACH	1	\$ 90.69	\$ 90.69	\$ 165.00	\$ 165.00	\$ 80.00	\$ 80.00	\$ 180.00	\$ 180.00	\$ 85.00	\$ 85.00
129	630E801	SIGN, FLAT SHEET	SF	556	\$ 15.47	\$ 8,600.56	\$ 16.20	\$ 9,007.20	\$ 25.00	\$ 13,900.00	\$ 18.00	\$ 10,008.00	\$ 20.00	\$ 11,120.00
130	630E845	RIGID OVERHEAD SIGN SUPPORT FOUR WAY	EACH	1	\$ 6,374.65	\$ 6,374.65	\$ 3,585.00	\$ 3,585.00	\$ 4,000.00	\$ 4,000.00	\$ 8,200.00	\$ 8,200.00	\$ 5,800.00	\$ 5,800.00
131	630E849	REMOVAL OF GROUND MOUNTED SIGN	EACH	45	\$ 19.56	\$ 880.08	\$ 10.00	\$ 450.00	\$ 16.00	\$ 720.00	\$ 10.00	\$ 450.00	\$ 30.00	\$ 1,350.00
132	630E850	REMOVAL OF GROUND MOUNTED SIGN	EACH	4	\$ 31.85	\$ 127.41	\$ 25.00	\$ 100.00	\$ 45.00	\$ 180.00	\$ 30.00	\$ 120.00	\$ 40.00	\$ 160.00
133	630E860	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	EACH	38	\$ 22.46	\$ 853.61	\$ 15.00	\$ 570.00	\$ 20.00	\$ 760.00	\$ 16.00	\$ 608.00	\$ 40.00	\$ 1,520.00
134	630E874	REMOVAL OF OVERHEAD MOUNTED SIGN	EACH	5	\$ 171.75	\$ 858.76	\$ 135.00	\$ 675.00	\$ 150.00	\$ 750.00	\$ 140.00	\$ 700.00	\$ 66.00	\$ 330.00
135	630E875	REMOVAL OF POLE MOUNTED SIGN AND	EACH	4	\$ 30.51	\$ 122.05	\$ 20.00	\$ 80.00	\$ 15.00	\$ 60.00	\$ 20.00	\$ 80.00	\$ 22.00	\$ 88.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
136	630E875	REMOVAL OF POLE MOUNTED SIGN AND REMOVAL OF OVERHEAD SIGN	EACH	1	\$ 159.89	\$ 159.89	\$ 95.00	\$ 95.00	\$ 180.00	\$ 180.00	\$ 100.00	\$ 100.00	\$ 83.00	\$ 83.00
137	630E897	SUPPORT AND DISPOSAL, TYPE TC-	EACH	1	\$ 1,100.00	\$ 1,100.00	\$ 2,285.00	\$ 2,285.00	\$ 1,300.00	\$ 1,300.00	\$ 2,000.00	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00
138	644E001	EDGE LINE, 6"	MILE	0.9	\$ 4,208.54	\$ 3,787.69	\$ 3,500.00	\$ 3,150.00	\$ 3,500.00	\$ 3,150.00	\$ 3,800.00	\$ 3,420.00	\$ 3,900.00	\$ 3,510.00
139	644E002	LANE LINE, 6"	MILE	0.16	\$ 2,797.46	\$ 447.59	\$ 1,850.00	\$ 296.00	\$ 1,850.00	\$ 296.00	\$ 2,000.00	\$ 320.00	\$ 2,100.00	\$ 336.00
140	644E003	CENTER LINE	MILE	1.89	\$ 5,432.93	\$ 10,268.25	\$ 5,500.00	\$ 10,395.00	\$ 5,500.00	\$ 10,395.00	\$ 6,000.00	\$ 11,340.00	\$ 6,100.00	\$ 11,529.00
141	644E004	CHANNELIZING LINE, 8"	FT	1491	\$ 1.78	\$ 2,652.77	\$ 1.50	\$ 2,236.50	\$ 1.50	\$ 2,236.50	\$ 1.50	\$ 2,236.50	\$ 2.00	\$ 2,982.00
142	644E005	STOP LINE	FT	296	\$ 7.11	\$ 2,105.51	\$ 6.50	\$ 1,924.00	\$ 6.50	\$ 1,924.00	\$ 7.00	\$ 2,072.00	\$ 8.00	\$ 2,368.00
143	644E006	CROSSWALK LINE, 12"	FT	262	\$ 4.35	\$ 1,140.31	\$ 3.85	\$ 1,008.70	\$ 3.85	\$ 1,008.70	\$ 4.00	\$ 1,048.00	\$ 5.00	\$ 1,310.00
144	644E006	CROSSWALK LINE, 24", AS PER PLAN	FT	538	\$ 3.57	\$ 1,920.47	\$ 6.50	\$ 3,497.00	\$ 6.50	\$ 3,497.00	\$ 7.00	\$ 3,766.00	\$ 8.00	\$ 4,304.00
145	644E007	TRANSVERSE/DIAGONAL LINE	FT	375	\$ 6.08	\$ 2,280.80	\$ 6.50	\$ 2,437.50	\$ 6.50	\$ 2,437.50	\$ 7.00	\$ 2,625.00	\$ 8.00	\$ 3,000.00
146	644E009	ISLAND MARKING	SF	56	\$ 3.94	\$ 220.52	\$ 8.00	\$ 448.00	\$ 8.00	\$ 448.00	\$ 8.00	\$ 448.00	\$ 9.00	\$ 504.00
147	644E013	LANE ARROW	EACH	41	\$ 103.96	\$ 4,262.53	\$ 100.00	\$ 4,100.00	\$ 100.00	\$ 4,100.00	\$ 100.00	\$ 4,100.00	\$ 110.00	\$ 4,510.00
148	644E015	DOTTED LINE, 4"	FT	969	\$ 1.58	\$ 1,527.32	\$ 1.20	\$ 1,162.80	\$ 1.20	\$ 1,162.80	\$ 1.20	\$ 1,162.80	\$ 1.50	\$ 1,453.50
		<b>TRAFFIC SIGNALS</b>												
149	625E253	CONDUIT, 1-1/2", 725.04	FT	174	\$ 15.81	\$ 2,750.89	\$ 18.55	\$ 3,227.70	\$ 20.00	\$ 3,480.00	\$ 10.00	\$ 1,740.00	\$ 11.00	\$ 1,914.00
150	625E254	CONDUIT, 2", 725.04	FT	168	\$ 20.38	\$ 3,423.13	\$ 21.70	\$ 3,645.60	\$ 23.50	\$ 3,948.00	\$ 16.00	\$ 2,688.00	\$ 18.00	\$ 3,024.00
151	625E255	CONDUIT, 3", 725.04	FT	137	\$ 35.77	\$ 4,900.74	\$ 39.90	\$ 5,466.30	\$ 42.50	\$ 5,822.50	\$ 25.00	\$ 3,425.00	\$ 28.00	\$ 3,836.00
152	625E256	CONDUIT, 4", 725.04	FT	36	\$ 46.56	\$ 1,676.15	\$ 70.00	\$ 2,520.00	\$ 76.00	\$ 2,736.00	\$ 44.00	\$ 1,584.00	\$ 49.00	\$ 1,764.00
153	625E259	CONDUIT, JACKED OR DRILLED, 725.04	FT	568	\$ 60.00	\$ 34,080.00	\$ 75.25	\$ 42,742.00	\$ 80.00	\$ 45,440.00	\$ 57.00	\$ 32,376.00	\$ 64.00	\$ 36,352.00
154	625E290	TRENCH	FT	461	\$ 7.63	\$ 3,519.50	\$ 7.70	\$ 3,549.70	\$ 9.00	\$ 4,149.00	\$ 14.00	\$ 6,454.00	\$ 16.00	\$ 7,376.00
155	625E307	PULL BOX, 725.08, 18"	EACH	6	\$ 1,055.65	\$ 6,333.93	\$ 997.50	\$ 5,985.00	\$ 1,075.00	\$ 6,450.00	\$ 1,050.00	\$ 6,300.00	\$ 1,165.00	\$ 6,990.00
156	625E307	PULL BOX, 725.08, 24"	EACH	3	\$ 1,281.08	\$ 3,843.24	\$ 1,225.00	\$ 3,675.00	\$ 1,315.00	\$ 3,945.00	\$ 1,325.00	\$ 3,975.00	\$ 1,470.00	\$ 4,410.00
157	625E315	PULL BOX REMOVED	EACH	1	\$ 318.36	\$ 318.36	\$ 306.25	\$ 306.25	\$ 340.00	\$ 340.00	\$ 150.00	\$ 150.00	\$ 166.00	\$ 166.00
158	625E320	GROUND ROD	EACH	17	\$ 266.61	\$ 4,532.44	\$ 218.75	\$ 3,718.75	\$ 235.00	\$ 3,995.00	\$ 275.00	\$ 4,675.00	\$ 305.00	\$ 5,185.00
159	625E360	UNDERGROUND WARNING/MARKING T.	FT	461	\$ 0.50	\$ 230.50	\$ 0.46	\$ 212.06	\$ 0.50	\$ 230.50	\$ 0.50	\$ 230.50	\$ 1.00	\$ 461.00
160	625E760	ARC FLASH CALCULATIONS AND LABEL TRAFFIC SIGNAL CABINET	EACH	2	\$ 1,021.27	\$ 2,042.54	\$ 1,960.00	\$ 3,920.00	\$ 2,060.00	\$ 4,120.00	\$ 2,600.00	\$ 5,200.00	\$ 2,900.00	\$ 5,800.00
161	632E050	VERICULAR SIGNAL HEAD, (LED), 3- SECTION, 12" LENS, 1-WAY,	EACH	12	\$ 982.36	\$ 11,788.27	\$ 1,048.95	\$ 12,587.40	\$ 1,120.00	\$ 13,440.00	\$ 1,325.00	\$ 15,900.00	\$ 1,500.00	\$ 18,000.00
162	632E050	VERICULAR SIGNAL HEAD, (LED), 5- SECTION, 12" LENS, 1-WAY,	EACH	4	\$ 1,605.93	\$ 6,423.73	\$ 1,734.25	\$ 6,937.00	\$ 1,845.00	\$ 7,380.00	\$ 2,050.00	\$ 8,200.00	\$ 2,300.00	\$ 9,200.00
163	632E207	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	EACH	6	\$ 600.00	\$ 3,600.00	\$ 505.40	\$ 3,032.40	\$ 540.00	\$ 3,240.00	\$ 700.00	\$ 4,200.00	\$ 800.00	\$ 4,800.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
164	632E250	COVERING OF VEHICULAR SIGNAL HEAD	EACH	16	\$ 37.68	\$ 602.83	\$ 17.50	\$ 280.00	\$ 19.00	\$ 304.00	\$ 70.00	\$ 1,120.00	\$ 80.00	\$ 1,280.00
165	632E250	COVERING OF PEDESTRIAN SIGNAL HEAD	EACH	6	\$ 38.42	\$ 230.51	\$ 17.50	\$ 105.00	\$ 19.00	\$ 114.00	\$ 50.00	\$ 300.00	\$ 60.00	\$ 360.00
166	632E260	PEDESTRIAN PUSHBUTTON, AS PER PLAN	EACH	6	\$ 300.00	\$ 1,800.00	\$ 307.30	\$ 1,843.80	\$ 334.00	\$ 2,004.00	\$ 250.00	\$ 1,500.00	\$ 300.00	\$ 1,800.00
167	632E405	SIGNAL CABLE, 5 CONDUCTOR, NO. 14	FT	1146	\$ 1.49	\$ 1,708.65	\$ 3.48	\$ 3,988.08	\$ 4.00	\$ 4,584.00	\$ 2.60	\$ 2,979.60	\$ 3.00	\$ 3,438.00
168	632E407	SIGNAL CABLE, 7 CONDUCTOR, NO. 14	FT	1515	\$ 2.22	\$ 3,360.35	\$ 4.66	\$ 7,059.90	\$ 5.15	\$ 7,802.25	\$ 2.80	\$ 4,242.00	\$ 4.00	\$ 6,060.00
169	632E640	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	EACH	8	\$ 5,200.00	\$ 41,600.00	\$ 3,150.00	\$ 25,200.00	\$ 3,385.00	\$ 27,080.00	\$ 6,700.00	\$ 53,600.00	\$ 7,500.00	\$ 60,000.00
170	632E640	PEDESTAL FOUNDATION	EACH	5	\$ 633.03	\$ 3,165.14	\$ 1,207.50	\$ 6,037.50	\$ 1,295.00	\$ 6,475.00	\$ 950.00	\$ 4,750.00	\$ 1,050.00	\$ 5,250.00
171	632E649	TEST HOLE PERFORMED	EACH	2	\$ 300.00	\$ 600.00	\$ 402.50	\$ 805.00	\$ 435.00	\$ 870.00	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00
172	632E652	LOOP DETECTOR LEAD-IN CABLE	FT	2253	\$ 1.40	\$ 3,152.62	\$ 2.28	\$ 5,136.84	\$ 2.50	\$ 5,632.50	\$ 1.30	\$ 2,928.90	\$ 1.50	\$ 3,379.50
173	632E692	POWER CABLE, 2 CONDUCTOR, NO. 4	FT	343	\$ 5.92	\$ 2,030.31	\$ 7.70	\$ 2,641.10	\$ 8.25	\$ 2,829.75	\$ 5.80	\$ 1,989.40	\$ 6.50	\$ 2,229.50
174	632E700	POWER SERVICE, AS PER PLAN	EACH	2	\$ 2,500.00	\$ 5,000.00	\$ 2,835.00	\$ 5,670.00	\$ 3,050.00	\$ 6,100.00	\$ 1,500.00	\$ 3,000.00	\$ 1,670.00	\$ 3,340.00
175	632E704	CONDUIT RISER, 2" DIAMETER	EACH	2	\$ 597.18	\$ 1,194.36	\$ 516.25	\$ 1,032.50	\$ 560.00	\$ 1,120.00	\$ 600.00	\$ 1,200.00	\$ 700.00	\$ 1,400.00
176	632E721	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN	EACH	3	\$ 9,500.00	\$ 28,500.00	\$ 11,820.00	\$ 35,460.00	\$ 12,000.00	\$ 36,000.00	\$ 11,200.00	\$ 33,600.00	\$ 12,500.00	\$ 37,500.00
177	632E721	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN	EACH	1	\$ 12,500.00	\$ 12,500.00	\$ 15,120.00	\$ 15,120.00	\$ 15,300.00	\$ 15,300.00	\$ 13,700.00	\$ 13,700.00	\$ 15,200.00	\$ 15,200.00
178	632E721	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN	EACH	3	\$ 17,500.00	\$ 52,500.00	\$ 17,680.00	\$ 53,040.00	\$ 17,840.00	\$ 53,520.00	\$ 15,900.00	\$ 47,700.00	\$ 17,700.00	\$ 53,100.00
179	632E721	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN	EACH	1	\$ 21,500.00	\$ 21,500.00	\$ 22,190.00	\$ 22,190.00	\$ 22,350.00	\$ 22,350.00	\$ 20,500.00	\$ 20,500.00	\$ 22,800.00	\$ 22,800.00
180	632E899	PEDESTAL, 8", TRANSFORMER BASE, AS PER PLAN	EACH	4	\$ 850.00	\$ 3,400.00	\$ 1,570.70	\$ 6,282.80	\$ 1,600.00	\$ 6,400.00	\$ 1,550.00	\$ 6,200.00	\$ 1,800.00	\$ 7,200.00
181	632E900	PEDESTAL, MISC.: PEDESTAL, 15" HIGH	EACH	1	\$ 2,500.00	\$ 2,500.00	\$ 1,865.10	\$ 1,865.10	\$ 1,900.00	\$ 1,900.00	\$ 1,850.00	\$ 1,850.00	\$ 2,100.00	\$ 2,100.00
182	632E900	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM PEDESTAL	EACH	1	\$ 670.50	\$ 670.50	\$ 262.50	\$ 262.50	\$ 290.00	\$ 290.00	\$ 75.00	\$ 75.00	\$ 85.00	\$ 85.00
183	632E901	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	EACH	2	\$ 3,500.00	\$ 7,000.00	\$ 2,870.00	\$ 5,740.00	\$ 3,160.00	\$ 6,320.00	\$ 2,500.00	\$ 5,000.00	\$ 2,800.00	\$ 5,600.00
184	632E902	REUSE OF VEHICULAR SIGNAL HEAD, AS PER PLAN	EACH	1	\$ 500.00	\$ 500.00	\$ 367.50	\$ 367.50	\$ 406.00	\$ 406.00	\$ 550.00	\$ 550.00	\$ 610.00	\$ 610.00
185	632E902	REUSE OF PEDESTRIAN SIGNAL HEAD, AS PER PLAN	EACH	1	\$ 200.00	\$ 200.00	\$ 210.00	\$ 210.00	\$ 234.00	\$ 234.00	\$ 350.00	\$ 350.00	\$ 400.00	\$ 400.00
186	632E902	REUSE OF PEDESTRIAN PUSHBUTTON, AS PER PLAN	EACH	1	\$ 150.00	\$ 150.00	\$ 210.00	\$ 210.00	\$ 234.00	\$ 234.00	\$ 124.00	\$ 124.00	\$ 150.00	\$ 150.00
187	633E655	CABINET, TYPE TS-2, AS PER PLAN	EACH	2	\$ 15,000.00	\$ 30,000.00	\$ 14,983.15	\$ 29,966.30	\$ 15,775.00	\$ 31,550.00	\$ 15,850.00	\$ 31,700.00	\$ 18,000.00	\$ 36,000.00
188	633E671	CABINET FOUNDATION, AS PER PLAN	EACH	2	\$ 2,500.00	\$ 5,000.00	\$ 2,310.00	\$ 4,620.00	\$ 2,480.00	\$ 4,960.00	\$ 2,700.00	\$ 5,400.00	\$ 3,000.00	\$ 6,000.00
189	633E672	CONTROLLER WORK PAD, AS PER PLAN	EACH	2	\$ 500.00	\$ 1,000.00	\$ 516.25	\$ 1,032.50	\$ 600.00	\$ 1,200.00	\$ 500.00	\$ 1,000.00	\$ 560.00	\$ 1,120.00
190	633E750	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	EACH	2	\$ 5,000.00	\$ 10,000.00	\$ 8,470.70	\$ 16,941.40	\$ 8,950.00	\$ 17,900.00	\$ 9,400.00	\$ 18,800.00	\$ 1,100.00	\$ 2,200.00
191	633E990	CONTROLLER ITEM, MISC.: FIBER OPTIC ETHERNET SWITCH AND	EACH	2	\$ 3,500.00	\$ 7,000.00	\$ 2,695.70	\$ 5,391.40	\$ 2,850.00	\$ 5,700.00	\$ 2,900.00	\$ 5,800.00	\$ 3,300.00	\$ 6,600.00
192	804E340	FIBER TERMINATION PANEL, 6 FIBER	EACH	2	\$ 1,000.00	\$ 2,000.00	\$ 1,680.70	\$ 3,361.40	\$ 1,780.00	\$ 3,560.00	\$ 1,650.00	\$ 3,300.00	\$ 2,000.00	\$ 4,000.00

CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
193	809E691	ATC CONTROLLER, AS PER PLAN	EACH	2	\$ 5,000.00	\$ 10,000.00	\$ 5,082.70	\$ 10,165.40	\$ 5,375.00	\$ 10,750.00	\$ 5,400.00	\$ 10,800.00	\$ 6,000.00	\$ 12,000.00
194	809E692	EMERGENCY VEHICLE PREEMPTION, A	EACH	2	\$ 3,500.00	\$ 7,000.00	\$ 470.75	\$ 941.50	\$ 505.00	\$ 1,010.00	\$ 475.00	\$ 950.00	\$ 550.00	\$ 1,100.00
195	809E692	PREEMPT RECEIVING UNIT	EACH	8	\$ 1,619.27	\$ 12,954.12	\$ 852.25	\$ 6,818.00	\$ 910.00	\$ 7,280.00	\$ 1,075.00	\$ 8,600.00	\$ 1,200.00	\$ 9,600.00
196	809E692	PREEMPT DETECTOR CABLE	FT	1456	\$ 2.37	\$ 3,445.29	\$ 2.07	\$ 3,013.92	\$ 2.30	\$ 3,348.80	\$ 2.10	\$ 3,057.60	\$ 2.50	\$ 3,640.00
197	809E692	PREEMPT PHASE SELECTOR	EACH	2	\$ 4,109.53	\$ 8,219.06	\$ 3,318.70	\$ 6,637.40	\$ 3,485.00	\$ 6,970.00	\$ 3,650.00	\$ 7,300.00	\$ 4,100.00	\$ 8,200.00
198	809E692	PREEMPT CONFIRMATION LIGHT	EACH	8	\$ 569.43	\$ 4,555.44	\$ 332.50	\$ 2,660.00	\$ 360.00	\$ 2,880.00	\$ 500.00	\$ 4,000.00	\$ 600.00	\$ 4,800.00
199	816E300	VIDEO DETECTION SYSTEM (ALTERNAT	EACH	2	\$ 25,000.00	\$ 50,000.00	\$ 18,917.85	\$ 37,835.70	\$ 19,950.00	\$ 39,900.00	\$ 20,400.00	\$ 40,800.00	\$ 23,000.00	\$ 46,000.00
		<b>RETAINING WALLS</b>												
200	503E111	COFFERDAMS AND EXCAVATION BRAC	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 9,900.00	\$ 9,900.00	\$ 200.00	\$ 200.00	\$ 30,000.00	\$ 30,000.00	\$ 9,000.00	\$ 9,000.00
201	503E211	UNCLASSIFIED EXCAVATION	CY	1086	\$ 40.70	\$ 44,197.42	\$ 60.00	\$ 65,160.00	\$ 68.00	\$ 73,848.00	\$ 28.00	\$ 30,408.00	\$ 50.00	\$ 54,300.00
202	509E100	EPOXY COATED REINFORCING STEEL	LB	24836	\$ 1.85	\$ 45,946.60	\$ 2.00	\$ 49,672.00	\$ 1.75	\$ 43,463.00	\$ 2.30	\$ 57,122.80	\$ 2.00	\$ 49,672.00
203	511E460	CLASS QCT CONCRETE, RETAINING/WINGWALL NOT	CY	83	\$ 597.79	\$ 49,616.22	\$ 1,560.00	\$ 129,480.00	\$ 1,500.00	\$ 124,500.00	\$ 1,300.00	\$ 107,900.00	\$ 1,000.00	\$ 83,000.00
204	511E465	CLASS QC1 CONCRETE, FOOTING	CY	106	\$ 420.28	\$ 44,550.06	\$ 480.00	\$ 50,880.00	\$ 680.00	\$ 72,080.00	\$ 570.00	\$ 60,420.00	\$ 600.00	\$ 63,600.00
205	512E100	SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI	SY	189	\$ 18.00	\$ 3,402.00	\$ 45.00	\$ 8,505.00	\$ 13.00	\$ 2,457.00	\$ 9.00	\$ 1,701.00	\$ 56.00	\$ 10,584.00
206	512E100	SEALING OF CONCRETE SURFACES (N	SY	189	\$ 12.28	\$ 2,321.03	\$ 14.00	\$ 2,646.00	\$ 10.00	\$ 1,890.00	\$ 16.00	\$ 3,024.00	\$ 50.00	\$ 9,450.00
207	512E330	TYPE 2 WATERPROOFING	SY	23	\$ 17.55	\$ 403.60	\$ 44.00	\$ 1,012.00	\$ 25.00	\$ 575.00	\$ 44.00	\$ 1,012.00	\$ 50.00	\$ 1,150.00
208	516E136	1" PREFORMED EXPANSION JOINT FILL	SF	21	\$ 6.92	\$ 145.30	\$ 15.00	\$ 315.00	\$ 7.00	\$ 147.00	\$ 22.00	\$ 462.00	\$ 6.50	\$ 136.50
209	518E212	POROUS BACKFILL WITH GEOTEXTILE	CY	128	\$ 95.00	\$ 12,160.00	\$ 120.00	\$ 15,360.00	\$ 120.00	\$ 15,360.00	\$ 135.00	\$ 17,280.00	\$ 110.00	\$ 14,080.00
210	518E400	6" PERFORATED CORRUGATED PLAST	FT	240	\$ 9.00	\$ 2,160.00	\$ 18.00	\$ 4,320.00	\$ 20.00	\$ 4,800.00	\$ 2.00	\$ 480.00	\$ 13.00	\$ 3,120.00
211	518E400	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	FT	55	\$ 8.97	\$ 493.11	\$ 20.00	\$ 1,100.00	\$ 20.00	\$ 1,100.00	\$ 10.00	\$ 550.00	\$ 18.00	\$ 990.00
212	530E130	SPECIAL - FORM LINER	SF	1905	\$ 5.69	\$ 10,844.19	\$ 15.00	\$ 28,575.00	\$ 11.00	\$ 20,955.00	\$ 10.00	\$ 19,050.00	\$ 8.00	\$ 15,240.00
		<b>MAINTENANCE OF TRAFFIC</b>												
213	411E100	STABILIZED CRUSHED AGGREGATE	CY	16	\$ 109.68	\$ 1,754.87	\$ 220.00	\$ 3,520.00	\$ 150.00	\$ 2,400.00	\$ 150.00	\$ 2,400.00	\$ 95.00	\$ 1,520.00
214	609E260	CURB, TYPE 6, AS PER PLAN	FT	3427	\$ 20.00	\$ 68,540.00	\$ 7.50	\$ 25,702.50	\$ 18.00	\$ 61,686.00	\$ 20.00	\$ 68,540.00	\$ 12.00	\$ 41,124.00
215	614E111	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	HOUR	150	\$ 73.62	\$ 11,043.45	\$ 75.00	\$ 11,250.00	\$ 75.00	\$ 11,250.00	\$ 80.00	\$ 12,000.00	\$ 81.00	\$ 12,150.00
216	614e123	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	EACH	2	\$ 2,138.69	\$ 4,277.38	\$ 2,320.00	\$ 4,640.00	\$ 2,200.00	\$ 4,400.00	\$ 2,300.00	\$ 4,600.00	\$ 2,500.00	\$ 5,000.00
217	614E124	DETOUR SIGNING	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,600.00	\$ 8,600.00	\$ 25,000.00	\$ 25,000.00
218	614E130	ASPHALT CONCRETE FOR MAINTAININ	CY	125	\$ 200.00	\$ 25,000.00	\$ 260.26	\$ 32,532.50	\$ 285.00	\$ 35,625.00	\$ 265.00	\$ 33,125.00	\$ 275.00	\$ 34,375.00
219	614E133	BARRIER REFLECTOR, TYPE 1 , BIDIRE	EACH	5	\$ 13.02	\$ 65.08	\$ 8.50	\$ 42.50	\$ 8.50	\$ 42.50	\$ 20.00	\$ 100.00	\$ 10.00	\$ 50.00



CITY OF CUYAHOGA FALLS

SUM-PORTAGE TRAIL EXTENSION (PID 108084) - BID OPEN 1/25/23

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY	ENGINEERS ESTIMATE		KARVO**		FECHKO		SHELLY AND SANDS		TRIMOR	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
220	614E133	OBJECT MARKER, TWO WAY	EACH	5	\$ 18.61	\$ 93.04	\$ 18.00	\$ 90.00	\$ 18.00	\$ 90.00	\$ 26.00	\$ 130.00	\$ 20.00	\$ 100.00
221	614E186	PORTABLE CHANGEABLE MESSAGE SIGN	SNMT	32	\$ 1,000.00	\$ 32,000.00	\$ 650.00	\$ 20,800.00	\$ 650.00	\$ 20,800.00	\$ 860.00	\$ 27,520.00	\$ 720.00	\$ 23,040.00
222	614E200	WORK ZONE LANE LINE, CLASS I, 4"	MILE	0.19	\$ 750.00	\$ 142.50	\$ 750.00	\$ 142.50	\$ 750.00	\$ 142.50	\$ 800.00	\$ 152.00	\$ 830.00	\$ 157.70
223	614E210	WORK ZONE CENTER LINE, CLASS I	MILE	4.37	\$ 2,500.00	\$ 10,925.00	\$ 1,000.00	\$ 4,370.00	\$ 1,000.00	\$ 4,370.00	\$ 1,100.00	\$ 4,807.00	\$ 1,105.00	\$ 4,828.85
224	614E220	WORK ZONE EDGE LINE, CLASS I, 4"	MILE	4.89	\$ 2,000.00	\$ 9,780.00	\$ 585.00	\$ 2,860.65	\$ 585.00	\$ 2,860.65	\$ 630.00	\$ 3,080.70	\$ 650.00	\$ 3,178.50
225	614E230	WORK ZONE CHANNELIZING LINE, CLASS I	FT	2940	\$ 0.66	\$ 1,945.55	\$ 0.60	\$ 1,764.00	\$ 0.60	\$ 1,764.00	\$ 0.60	\$ 1,764.00	\$ 1.00	\$ 2,940.00
226	614E240	WORK ZONE DOTTED LINE, CLASS I	FT	2555	\$ 1.00	\$ 2,555.00	\$ 0.60	\$ 1,533.00	\$ 0.60	\$ 1,533.00	\$ 0.60	\$ 1,533.00	\$ 1.00	\$ 2,555.00
227	614E250	WORK ZONE TRANSVERSE/DIAGONAL	FT	504	\$ 2.36	\$ 1,188.29	\$ 3.60	\$ 1,814.40	\$ 3.60	\$ 1,814.40	\$ 4.00	\$ 2,016.00	\$ 4.00	\$ 2,016.00
228	614E260	WORK ZONE STOP LINE, CLASS I	FT	445	\$ 3.37	\$ 1,498.09	\$ 3.50	\$ 1,557.50	\$ 3.50	\$ 1,557.50	\$ 4.00	\$ 1,780.00	\$ 4.00	\$ 1,780.00
229	614E270	WORK ZONE CROSSWALK LINE, CLASS I	FT	980	\$ 2.20	\$ 2,157.73	\$ 2.85	\$ 2,793.00	\$ 2.85	\$ 2,793.00	\$ 3.00	\$ 2,940.00	\$ 4.00	\$ 3,920.00
230	614E300	WORK ZONE ARROW, CLASS I	EACH	68	\$ 67.82	\$ 4,611.56	\$ 38.50	\$ 2,618.00	\$ 38.50	\$ 2,618.00	\$ 40.00	\$ 2,720.00	\$ 42.50	\$ 2,890.00
231	614E327	WORK ZONE ISLAND MARKING, CLASS I	SF	32	\$ 2.05	\$ 65.47	\$ 3.00	\$ 96.00	\$ 3.00	\$ 96.00	\$ 3.00	\$ 96.00	\$ 3.50	\$ 112.00
232	614E400	BUSINESS ENTRANCE SIGN, AS PER PLAN	EACH	7	\$ 275.00	\$ 1,925.00	\$ 195.00	\$ 1,365.00	\$ 195.00	\$ 1,365.00	\$ 200.00	\$ 1,400.00	\$ 225.00	\$ 1,575.00
233	615E100	ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 140,000.00	\$ 140,000.00	\$ 25,000.00	\$ 25,000.00	\$ 66,000.00	\$ 66,000.00	\$ 15,000.00	\$ 15,000.00
234	615E250	PAVEMENT FOR MAINTAINING TRAFFIC	SY	3184	\$ 80.00	\$ 254,720.00	\$ 41.85	\$ 133,250.40	\$ 60.00	\$ 191,040.00	\$ 52.00	\$ 165,568.00	\$ 75.00	\$ 238,800.00
235	616E100	WATER	MGAL	50	\$ 20.00	\$ 1,000.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 70.00	\$ 3,500.00	\$ 100.00	\$ 5,000.00
236	622E411	PORTABLE BARRIER, ANCHORED	FT	200	\$ 22.00	\$ 4,400.69	\$ 55.00	\$ 11,000.00	\$ 35.00	\$ 7,000.00	\$ 50.00	\$ 10,000.00	\$ 50.00	\$ 10,000.00
237	632E265	DETECTOR LOOP, AS PER PLAN	EACH	5	\$ 1,250.00	\$ 6,250.00	\$ 1,645.00	\$ 8,225.00	\$ 1,728.00	\$ 8,640.00	\$ 1,700.00	\$ 8,500.00	\$ 1,900.00	\$ 9,500.00
		<b>INCIDENTALS</b>												
238	614E110	MAINTAINING TRAFFIC	LS	1	\$ 180,000.00	\$ 180,000.00	\$ 275,000.00	\$ 275,000.00	\$ 182,000.00	\$ 182,000.00	\$ 560,000.00	\$ 560,000.00	\$ 200,000.00	\$ 200,000.00
239	619E160	FIELD OFFICE, TYPE B	MNTH	20	\$ 1,693.75	\$ 33,875.00	\$ 2,000.00	\$ 40,000.00	\$ 1,120.00	\$ 22,400.00	\$ 3,300.00	\$ 66,000.00	\$ 1,800.00	\$ 36,000.00
240	623E100	CONSTRUCTION LAYOUT STAKES AND	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 62,700.00	\$ 62,700.00	\$ 65,000.00	\$ 65,000.00	\$ 60,000.00	\$ 60,000.00	\$ 85,000.00	\$ 85,000.00
241	624E100	MOBILIZATION	LS	1	\$ 275,250.00	\$ 275,250.00	\$ 370,000.00	\$ 370,000.00	\$ 371,000.00	\$ 371,000.00	\$ 200,000.00	\$ 200,000.00	\$ 160,000.00	\$ 160,000.00
<b>TOTAL</b>						<b>\$5,374,680.83</b>		<b>\$ 5,835,895.15</b>		<b>\$6,024,677.00</b>		<b>\$ 6,141,963.10</b>		<b>\$6,384,820.95</b>

TOTAL \$5,374,680.83 \$ 5,835,895.15 \$6,024,677.00 \$ 6,141,963.10 \$6,384,820.95

CITY OF CUYAHOGA FALLS - ENGINEER'S ESTIMATE 202E30000

DENOTES FIELD WITH MATH ERROR IN BOOK. CORRECTED VALUE IS SHOWN ON THIS SHEET

ALTERNATE #1

ITEM NO.	SPEC. REF.	ITEM DESCRIPTION	UNIT MEASURE	ESTIMATED QUANTITY
1	816E30000	VIDEO DETECTION SYSTEM (VISION) (A)	EACH	2

TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST	TOTAL UNIT COST	TOTAL COST
\$ 40,758.08	\$ 81,516.16	\$ 41,000.00	\$ 82,000.00	\$ 42,300.00	\$ 84,600.00	\$ 50,000.00	\$ 100,000.00