Opinion of Probable Cost
1/13/2022
Stori Field
Concept 1
City of Richland Center

Bid Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
Street & Site work					
1	Mobilization	LS	1	$ 18,000.00	$ 18,000.00
2	Site Clearing & Grubbing	LS	1	$ 2,000.00	$ 2,000.00
3	Temporary Traffic Control	LS	1	$ 1,500.00	$ 1,500.00
4	Remove Existing Asphalt	SY	290.0	$ 5.00	$ 1,450.00
5	Common Excavation (Estimated 2,350 CY +/-)	LS	1	$ 28,200.00	$ 28,200.00
6	Strip, Salvage, & Re-Spread Topsoil (Estimated 800 CY +/-)	LS	1	$ 8,000.00	$ 8,000.00
7	Excavation Below Subgrade (EBS) (Excavation Only)	CY	40	$ 15.00	$ 600.00
8	Base Aggregate Dense - 1 1/4"	TON	920	$ 15.00	$ 13,800.00
9	Base Aggregate Dense - 3" (Includes Base for EBS)	TON	1880	$ 15.00	$ 28,200.00
10	Finish Grading In Prep. Of Stone Base	LF	535	$ 5.50	$ 2,942.50
11	Sawcut Asphalt	LF	200	$ 5.00	$ 1,000.00
12	HMA Pavement - Upper Layer 1.75"	TON	260	$ 110.00	$ 28,600.00
13	HMA Pavement - Lower Layer 1.75"	TON	260	$ 110.00	$ 28,600.00
14	Remove Existing Building	LS	1	$ 4,000.00	$ 4,000.00
15	Asphaltic Tack Coat	SY	2450	$ 0.40	$ 980.00
16	Street Sign - Stop Sign (R1-1) and Street Name Assembly	EA	1	$ 750.00	$ 750.00
17	Restoration W/ Seed, Mulch, & Fertilizer	SY	6000	$ 4.00	$ 24,000.00
18	New Tree	EA	5	$ 600.00	$ 3,000.00
19	Inlet Protection - Type D	EA	2	$ 200.00	$ 400.00
20	Clear Stone Tracking Pad	TON	50	$ 20.00	$ 1,000.00
21	Silt Fence	LF	400	$ 3.50	$ 1,400.00
22	Remove Existing Curb & Gutter	LF	60	$ 6.00	$ 360.00
23	Concrete Sidewalk - 4"	SF	5400	$ 5.50	$ 29,700.00
24	Detectable Warning Fields	EA	2	$ 375.00	$ 750.00
25	Concrete Curb & Gutter - 30"	LF	1070	$ 20.00	$ 21,400.00
				Subtotal - Street & Site work	$ 250,632.50
				Contingency (10%)	$ 25,063.25
				Professional Services (12%)	$ 33,083.49
				Total -	$ 308,779.24

Bid Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
Sanitary Sewer					
26	Sanitary Sewer - 8" PVC	LF	600	$ 55.00	$ 33,000.00
27	Sanitary Sewer - Connect to Existing	EA	2	$ 1,500.00	$ 3,000.00
28	Sanitary Sewer Televising	LF	600	$ 3.00	$ 1,800.00
29	Sanitary Sewer - 48" Dia. Manhole	EA	4	$ 5,500.00	$ 22,000.00
30	Sanitary Sewer Service Lateral - 4" PVC	LF	400	$ 40.00	$ 16,000.00
31	Sanitary Sewer- 4" Wye Only	EA	7	$ 400.00	$ 2,800.00
32	Abandon Existing Sanitary Sewer	LS	1	$ 3,000.00	$ 3,000.00
33	Select Granular Backfill (Trucked-In)	CY	150	$ 15.00	$ 2,250.00
				Subtotal - Sanitary Sewer	$ 83,850.00
				Contingency (10%)	$ 8,385.00
				Professional Services (12%)	$ 11,068.20
				Total -	$ 103,303.20

Bid Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
Water Distribution					
34	Water main - 6" C-900	LF	50	$ 65.00	$ 3,250.00
35	Water main - 8" C-900	LF	685	$ 70.00	$ 47,950.00
36	Water Main - Connect to Existing	EA	2	$ 2,000.00	$ 4,000.00
37	Gate Valves - 6"	EA	2	$ 2,350.00	$ 4,700.00
38	Gate Valves - 8"	EA	2	$ 3,000.00	$ 6,000.00
39	Styrofoam Insulation	EA	4	$ 125.00	$ 500.00
40	Water Service Lateral - 1" HDPE	LF	720	$ 32.00	$ 23,040.00
41	Water Service - Corporation, Curb Stop, Union, and Box	EA	14	$ 550.00	$ 7,700.00
42	Hydrant - New w/ Marker Flag	EA	2	$ 6,450.00	$ 12,900.00
43	Select Granular Backfill (Trucked-In)	CY	200	$ 15.00	$ 3,000.00
				Subtotal - Water Distribution	$ 113,040.00
				Contingency (10%)	$ 11,304.00
				Professional Services (12%)	$ 14,921.28
				Total -	$ 139,265.28

Bid Item Ref. No.	Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
Storm Sewer & Storm Water Management					
44	Storm Sewer - 15" RCP	LF	50	$ 75.00	$ 3,750.00
45	Storm Sewer - 18" RCP	LF	150	$ 80.00	$ 12,000.00
46	15" RCP Apron Endwall *W/out Pipe Gate*	EA	1	$ 1,200.00	$ 1,200.00
47	Storm Sewer Manhole - 48"	EA	2	$ 4,250.00	$ 8,500.00
48	Storm Sewer Curb Inlet - 2' x 3' Precast Box W/ Frame & Grate	EA	2	$ 2,600.00	$ 5,200.00
49	Remove Existing Storm Sewer	LS	1	$ 2,000.00	$ 2,000.00
50	Stormwater Pond Outlet Structure	LS	1	$ 10,000.00	$ 10,000.00
51	Stormwater Management Pond	LS	1	$ 40,000.00	$ 40,000.00
				Subtotal - Storm Sewer & Storm Water Mgmt	$ 82,650.00
				Contingency (10%)	$ 8,265.00
				Professional Services (12%)	$ 10,909.80
				Total -	$ 101,824.80

Total - Stori Field Development	$ 530,172.50
Contingency (10%)	$ 53,017.25
Professional Services (12%)	$ 69,982.77
Total -Stori Field Development	**$ 653,172.52**
Cost Per Unit	$ 46,655.18

This Engineer's Opinion of Probable Cost is made on the basis of our experience and qualifications. It represents our best judgment as experienced and qualified design professionals based on our information available at the time the cost opinion is made. It should be recognized that Vierbicher Associates, Inc. does not have control over the cost of materials or services furnished by others, over market conditions, or contractors methods of determining their prices. Accordingly, Vierbicher Associates, Inc. cannot and does not guarantee that bids or actual costs will not vary from this opinion.

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