Engineers Opinion of Probabale Construction Cost
for the
35th Street and 1st Avenue Trail - Water Main Extension
City of Council Bluffs, Iowa
2-Aug-21

Item #	Code	Description	Estimated Quantity		Unit Price	Total Price
Division V : Water Main Improvements						
5-1.		6" DI Water Main with Nitrile Gasket and Polyethylene Encasement	210	LF	$75.00	$15,750.00
5-2.		3" DI Water Main with Nitrile Gasket and Polyethylene Encasement	10	LF	$45.00	$450.00
5-3.		Cut and Connect to Existing 6" Water Main	2	EA	$1,400.00	$2,800.00
5-4.		6" x 6" x 6" Mechanical Joint Tee	2	EA	$700.00	$1,400.00
5-5.		6" x 6" x 3" Mechanical Joint Tee	1	EA	$550.00	$550.00
5-6.		6" Over-sized Sleeve	4	EA	$500.00	$2,000.00
5-7.		6" Plug	1	EA	$300.00	$300.00
5-8.		3" Plug	1	EA	$200.00	$200.00
5-9.		45 Degree Mechanical Joint Bends	4	EA	$500.00	$2,000.00
5-10.		6" Mechanical Joint Gate Valve with Box	2	EA	$1,600.00	$3,200.00
5-11.		1" Copper Service to Water Station	1	LS	$3,000.00	$3,000.00
5-12.		2" PVC from Meter to Irrigation Control Box	1	LS	$500.00	$500.00
5-13.		Remove and Salvage Fire Hydrant	1	EA	$425.00	$425.00
5-14.		Fire Hydrant Assembly	1	EA	$6,000.00	$6,000.00
5-15.		Granular Bedding for Water Main, 1-1/2" Clean	1	TN	$37.00	$37.00
5-16.		Select Backfill for Water Main	15	CY	$12.00	$180.00
					Conceptual Estimated Construction Cost Division V Total:	**$38,792.00**