



Engineer's Cost Estimate

Flagship Boulevard - Storm Sewer and Pavement Replacement City of Montgomery

4/5/2023

Item No.	Description	Quantity	Unit	Unit Price	Cost
General					
1	Contractor Mobilization, Bonds, & Insurance	1	LS	\$ 20,000	\$ 20,000
2	Tree and Plant Removal	1	LS	2,500	3,000
3	Concrete Truck Washout	1	LS	1,500	2,000
				Subtotal	25,000
Base Bid (Inlet 14-16)					
1	8" Concrete Pavement	400	SY	95	38,000
2	Traffic Control	1	LS	3,000	3,000
3	6" Curb	215	LF	10	3,000
4	Pavement Removal and Disposal	400	SY	18	8,000
5	8" Cement Stabilized Sand Subgrade	400	SY	25	10,000
6	Tie in to Existing Pavement	220	LF	9	2,000
7	48-Inch RCP Storm Sewer include Cement Sand Backfill	190	LF	300	57,000
8	Removal and Disposal of Existing Storm Sewer	190	LF	25	5,000
9	Connection to Inlet	2	EA	1,850	4,000
10	Block Sodding	211	SY	9	2,000
11	Reinforced Filter Fabric Fence	175	LF	4	1,000
12	Inlet Protection	2	EA	150	1,000
				Subtotal	134,000
Alternate Bid A1 (Inlet 18 -20)					
1	8" Concrete Pavement	456	SY	95	44,000
2	Traffic Control	1	LS	3,000	3,000
3	6" Curb	107	LF	10	2,000
4	Pavement Removal and Disposal	456	SY	18	9,000
5	8" Cement Stabilized Sand Subgrade	456	SY	25	12,000
6	Tie in to Existing Pavement	189	LF	9	2,000
7	48-Inch RCP Storm Sewer include Cement Sand Backfill	142	LF	300	43,000
8	Removal and Disposal of Existing Storm Sewer	142	LF	25	4,000
9	Connection to Inlet	2	EA	1,850	4,000
10	Block Sodding	140	SY	9	2,000
11	Reinforced Filter Fabric Fence	132	LF	4	1,000
12	Inlet Protection	2	EA	150	1,000
				Subtotal	127,000
Alternate Bid A2 (Inlet 8-10)					
1	Traffic Control	1	LS	1,000	1,000
2	36-Inch RCP Storm Sewer include Cement Sand Backfill	80	LF	200	16,000
3	Removal and Disposal of Existing Storm Sewer	80	LF	25	2,000
4	Connection to Inlet	2	EA	1,850	4,000
5	Block Sodding	100	SY	9	1,000
6	Reinforced Filter Fabric Fence	80	LF	4	1,000
7	Inlet Protection	2	EA	150	1,000
				Subtotal	26,000
Alternate Bid A3 (Inlet 18 -17)					
1	8" Concrete Pavement	570	SY	95	55,000
2	Traffic Control	1	LS	3,000	3,000
3	6" Curb	205	LF	10	3,000
4	Pavement Removal and Disposal	570	SY	18	11,000
5	8" Cement Stabilized Sand Subgrade	570	SY	25	15,000

6	Tie in to Existing Pavement	290	LF	9	3,000
7	48-Inch RCP Storm Sewer include Cement Sand Backfill	226	LF	300	68,000
8	Removal and Disposal of Existing Storm Sewer	226	LF	25	6,000
9	Connection to Inlet	2	EA	1,850	4,000
10	Block Sodding	204	SY	9	2,000
11	Reinforced Filter Fabric Fence	225	LF	4	1,000
12	Inlet Protection	2	EA	150	1,000
				Subtotal	<u>172,000</u>

Subtotal (General + Base + A1 + A2 + A3) \$ 484,000
Contingencies (10%) \$ 49,000
Total \$ 533,000

Subtotal (General + Base) \$ 159,000
Contingencies (10%) \$ 16,000
Total \$ 175,000

Subtotal (General + Base + A2) \$ 185,000
Contingencies (10%) \$ 19,000
Total \$ 204,000

Subtotal (General + Base + A1 + A2) \$ 312,000
Contingencies (10%) \$ 32,000
Total \$ 344,000

Notes:

- 1 All values rounded up to the nearest thousand.
- 2 This estimate is based on my best judgement as a design professional familiar with the construction industry. We cannot and do not guarantee that bids will not vary from this cost estimate.

CVR/akg

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