

Bid Summary

Sewer Improvements: Vancouver, Broadway, Rollins, El Camino, and Easements of La Mesa, Alturas, and Los Montes

City Project No. 85570

GENERAL COMMON ITEMS

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Engineer's Estimate		Westland (LOW Bidder)		Darcy & Harty		Cratus		EPS Inc		KJ Woods	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	Remove and Replace Sidewalk	200	SF			\$ 105	\$ 21,000	\$ 15	\$ 3,000	\$ 16	\$ 3,200	\$ 40	\$ 8,000	\$ 20	\$ 4,000
2	Remove and Replace Curb and Gutter	100	LF			\$ 195	\$ 19,500	\$ 40	\$ 4,000	\$ 40	\$ 4,000	\$ 250	\$ 25,000	\$ 50	\$ 5,000
3	Remove and Replace Driveway	200	SF			\$ 165	\$ 33,000	\$ 20	\$ 4,000	\$ 16	\$ 3,200	\$ 40	\$ 8,000	\$ 40	\$ 8,000
4	Additional Asphalt Surface Repair	50	TON			\$ 310	\$ 15,500	\$ 300	\$ 15,000	\$ 200	\$ 10,000	\$ 250	\$ 12,500	\$ 150	\$ 7,500
5	Final AC Patching (at Existing Pothole and Geotechnical Boring Locations)	18	SF			\$ 296	\$ 5,328	\$ 100	\$ 1,800	\$ 11	\$ 198	\$ 40	\$ 720	\$ 100	\$ 1,800
6	Preconstruction Potholing	10	EA			\$ 2,100	\$ 21,000	\$ 1,500	\$ 15,000	\$ 650	\$ 6,500	\$ 1,800	\$ 18,000	\$ 300	\$ 3,000
General Sub-total							\$ 115,328		\$ 42,800		\$ 27,098		\$ 72,220		\$ 29,300

Bid Summary

Sewer Improvements: Vancouver, Broadway, Rollins, El Camino, and Easements of La Mesa, Alturas, and Los Montes
City Project No. 85570

LOCATION A – Vancouver Ave. and Broadway Ave.

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Engineer's Estimate		Westland (LOW Bidder)		Darcy & Harty		Cratus		EPS Inc		KJ Woods	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
A1	NPDES Compliance (not to exceed 1% of Base Bid)	1	LS			\$ 300	\$ 300	\$ 2,500	\$ 2,500	\$ 1,000	\$ 1,000	\$ 5,900	\$ 5,900	\$ 5,000	\$ 5,000
A2	Mobilization and Demobilization (not to exceed 3.5% of Base Bid)	1	LS			\$ 10,000	\$ 10,000	\$ 16,000	\$ 16,000	\$ 3,000	\$ 3,000	\$ 20,000	\$ 20,000	\$ 18,000	\$ 18,000
A3	Construction Survey and Site Investigation (not to exceed 3.5% of Base Bid)	1	LS			\$ 3,000	\$ 3,000	\$ 10,000	\$ 10,000	\$ 3,000	\$ 3,000	\$ 20,000	\$ 20,000	\$ 11,348	\$ 11,348
A4	Traffic Control	1	LS			\$ 500	\$ 500	\$ 25,000	\$ 25,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000
A5	Remove and Replace Existing 6" or 8" Sanitary Sewer with 8" HDPE Sanitary Sewer (Pipe Ream or Pipe Burst)	378	LF			\$ 240	\$ 90,720	\$ 300	\$ 113,400	\$ 250	\$ 94,500	\$ 240	\$ 90,720	\$ 320	\$ 120,960
A6	Remove and Replace Existing 6" or 8" Sanitary Sewer with 8" SDR 26 PVC Sanitary Sewer (Open Cut)	301	LF			\$ 250	\$ 75,250	\$ 345	\$ 103,845	\$ 350	\$ 105,350	\$ 360	\$ 108,360	\$ 475	\$ 142,975
A7	New 8" SDR 26 PVC Sanitary Sewer (Open Cut)	208	LF			\$ 250	\$ 52,000	\$ 345	\$ 71,760	\$ 350	\$ 72,800	\$ 450	\$ 93,600	\$ 475	\$ 98,800
A8	Post Construction Television Inspection	1409	LF			\$ 1	\$ 1,409	\$ 5	\$ 7,045	\$ 4	\$ 5,636	\$ 3	\$ 4,227	\$ 3	\$ 4,227
A9	Abandon Existing Sanitary Sewer	266	LF			\$ 3	\$ 798	\$ 5	\$ 1,330	\$ 5	\$ 1,330	\$ 10	\$ 2,660	\$ 15	\$ 3,990
A10	Remove Existing Lamphole	5	EA			\$ 50	\$ 250	\$ 500	\$ 2,500	\$ 500	\$ 2,500	\$ 1,200	\$ 6,000	\$ 2,000	\$ 10,000
A11	Remove Existing Sanitary Sewer Manhole	2	EA			\$ 200	\$ 400	\$ 1,000	\$ 2,000	\$ 1,500	\$ 3,000	\$ 2,800	\$ 5,600	\$ 2,500	\$ 5,000
A12	Rehabilitate (E) SSMH	1	EA			\$ 3,000	\$ 3,000	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 7,000	\$ 7,000	\$ 3,000	\$ 3,000
A13	Construct New 6" Sanitary Sewer (Open Cut) with Reducer and Elbow and 6" Riser with 6" Frame and Cover	1	EA			\$ 1,200	\$ 1,200	\$ 3,500	\$ 3,500	\$ 1,000	\$ 1,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000
A14	Construct New 36" Type 1 Manhole	2	EA			\$ 6,000	\$ 12,000	\$ 8,500	\$ 17,000	\$ 6,000	\$ 12,000	\$ 16,000	\$ 32,000	\$ 10,000	\$ 20,000
A15	Construct New 48" Type 2 Manhole	1	EA			\$ 8,000	\$ 8,000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 18,000	\$ 18,000	\$ 8,000	\$ 8,000
A16	New 48" Type 1 Manhole	1	EA			\$ 8,000	\$ 8,000	\$ 9,500	\$ 9,500	\$ 7,700	\$ 7,700	\$ 18,000	\$ 18,000	\$ 11,000	\$ 11,000
A17	Remove Existing Reducer and Connect New Sanitary Sewer Pipe to Existing Pipe Stub	1	EA			\$ 500	\$ 500	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,000	\$ 2,000	\$ 2,000
A18	Connect to Existing Sanitary Sewer Manhole	3	EA			\$ 100	\$ 300	\$ 1,000	\$ 3,000	\$ 2,000	\$ 6,000	\$ 2,000	\$ 6,000	\$ 1,000	\$ 3,000
A19	Abandon Outside Drop and Install Inside Drop	1	EA			\$ 1,000	\$ 1,000	\$ 2,500	\$ 2,500	\$ 3,000	\$ 3,000	\$ 6,000	\$ 6,000	\$ 2,000	\$ 2,000
A20	Replace Existing 4" Sewer Lateral	12	EA			\$ 3,000	\$ 36,000	\$ 2,500	\$ 30,000	\$ 5,000	\$ 60,000	\$ 5,000	\$ 60,000	\$ 2,300	\$ 27,600
A21	Replace and Extend Existing Sewer Lateral	5	EA			\$ 3,100	\$ 15,500	\$ 3,500	\$ 17,500	\$ 5,000	\$ 25,000	\$ 6,000	\$ 30,000	\$ 2,500	\$ 12,500
A22	New or Replace Existing 4" Sewer Cleanout	17	EA			\$ 500	\$ 8,500	\$ 1,000	\$ 17,000	\$ 500	\$ 8,500	\$ 1,800	\$ 30,600	\$ 300	\$ 5,100
A23	Remove Abandoned Water Valve and Box	1	EA			\$ 100	\$ 100	\$ 500	\$ 500	\$ 200	\$ 200	\$ 3,000	\$ 3,000	\$ 500	\$ 500
Location A Subtotal:							\$ 328,727		\$ 468,880		\$ 434,016		\$ 590,667		\$ 535,000

Bid Summary

Sewer Improvements: Vancouver, Broadway, Rollins, El Camino, and Easements of La Mesa, Alturas, and Los Montes

City Project No. 85570

LOCATION B – Part 1: Alturas Dr. and La Mesa Dr. Easement / Part 2: Los Montes Dr. and Alturas Dr. Easement

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Engineer's Estimate		Westland (LOW Bidder)		Darcy & Harty		Cratus		EPS Inc		KJ Woods	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
B1	NPDES Compliance (not to exceed 1% of Base Bid)	1	LS			\$ 300	\$ 300	\$ 2,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,000	\$ 5,000	\$ 5,000
B2	Mobilization and Demobilization (not to exceed 3.5% of Base Bid)	1	LS			\$ 10,000	\$ 10,000	\$ 14,000	\$ 14,000	\$ 3,000	\$ 3,000	\$ 12,000	\$ 12,000	\$ 18,000	\$ 18,000
B3	Construction Survey and Site Investigation (not to exceed 3.5% of Base Bid)	1	LS			\$ 3,000	\$ 3,000	\$ 5,000	\$ 5,000	\$ 3,000	\$ 3,000	\$ 12,000	\$ 12,000	\$ 16,310	\$ 16,310
B4	Traffic Control	1	LS			\$ 500	\$ 500	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 8,000	\$ 8,000
B5	Replace Existing 6” or 8” Sanitary Sewer with 8” HDPE Sanitary Sewer (Pipe Ream or Pipe Burst)	785	LF			\$ 206	\$ 161,710	\$ 300	\$ 235,500	\$ 300	\$ 235,500	\$ 225	\$ 176,625	\$ 400	\$ 314,000
B6	New 8” HDPE Sanitary Sewer (Open Cut)	9	LF			\$ 250	\$ 2,250	\$ 345	\$ 3,105	\$ 350	\$ 3,150	\$ 500	\$ 4,500	\$ 500	\$ 4,500
B7	Remove Existing 6” VCP Sanitary Sewer	8	LF			\$ 20	\$ 160	\$ 100	\$ 800	\$ 20	\$ 160	\$ 500	\$ 4,000	\$ 500	\$ 4,000
B8	Post Construction Television Inspection	794	LF			\$ 1	\$ 794	\$ 5	\$ 3,970	\$ 4	\$ 3,176	\$ 2	\$ 1,588	\$ 5	\$ 3,970
B9	Rehabilitate Existing SSMH	3	EA			\$ 3,000	\$ 9,000	\$ 4,500	\$ 13,500	\$ 5,000	\$ 15,000	\$ 7,000	\$ 21,000	\$ 3,000	\$ 9,000
B10	Remove and Replace Existing MH with (N) 36” Type 1 SSMH	1	EA			\$ 6,000	\$ 6,000	\$ 8,500	\$ 8,500	\$ 6,500	\$ 6,500	\$ 16,000	\$ 16,000	\$ 10,000	\$ 10,000
B11	Remove and Replace Existing MH with (N) 48” Type 1 SSMH	1	EA			\$ 8,000	\$ 8,000	\$ 9,500	\$ 9,500	\$ 7,500	\$ 7,500	\$ 18,000	\$ 18,000	\$ 11,000	\$ 11,000
B12	Remove Existing LH and Replace with (N) 36” Type 1 SSMH	1	EA			\$ 6,000	\$ 6,000	\$ 8,500	\$ 8,500	\$ 7,000	\$ 7,000	\$ 16,000	\$ 16,000	\$ 10,000	\$ 10,000
B13	Install (N) 8” PVC Pipe Stub (5ft min) and Reducer and Reconnect Existing Pipe	4	EA			\$ 500	\$ 2,000	\$ 1,000	\$ 4,000	\$ 1,000	\$ 4,000	\$ 2,000	\$ 8,000	\$ 2,050	\$ 8,200
B14	Connect New Sanitary Sewer Pipe to Existing Manhole	6	EA			\$ 100	\$ 600	\$ 1,000	\$ 6,000	\$ 3,000	\$ 18,000	\$ 1,400	\$ 8,400	\$ 500	\$ 3,000
B15	Replace Existing 4” Sewer Lateral	13	EA			\$ 3,000	\$ 39,000	\$ 3,500	\$ 45,500	\$ 5,000	\$ 65,000	\$ 5,000	\$ 65,000	\$ 1,500	\$ 19,500
B16	New or Replace Existing 4” Sewer Cleanout	13	EA			\$ 500	\$ 6,500	\$ 1,000	\$ 13,000	\$ 500	\$ 6,500	\$ 1,500	\$ 19,500	\$ 300	\$ 3,900
B17	Point Repair to Existing 6-inch Sewer	7	EA			\$ 5,000	\$ 35,000	\$ 6,500	\$ 45,500	\$ 6,000	\$ 42,000	\$ 6,000	\$ 42,000	\$ 10,000	\$ 70,000
Location B Subtotal:							\$ 290,814		\$ 423,375		\$ 425,486		\$ 432,613		\$ 518,380

Bid Summary

Sewer Improvements: Vancouver, Broadway, Rollins, El Camino, and Easements of La Mesa, Alturas, and Los Montes

City Project No. 85570

LOCATION C – Rollins Rd.

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Engineer's Estimate		Westland (LOW Bidder)		Darcy & Harty		Cratus		EPS Inc		KJ Woods	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
C1	NPDES Compliance (not to exceed 1% of Base Bid)	1	LS			\$ 300	\$ 300	\$ 300	\$ 300	\$ 250	\$ 250	\$ 300	\$ 300	\$ 600	\$ 600
C2	Mobilization and Demobilization (not to exceed 3.5% of Base Bid)	1	LS			\$ 5,000	\$ 5,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,100	\$ 1,100	\$ 2,050	\$ 2,050
C3	Construction Survey and Site Investigation (not to exceed 3.5% of Base Bid)	1	LS			\$ 1,500	\$ 1,500	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,100	\$ 1,100	\$ 2,050	\$ 2,050
C4	Traffic Control	1	LS			\$ 1,500	\$ 1,500	\$ 5,000	\$ 5,000	\$ 1,000	\$ 1,000	\$ 5,000	\$ 5,000	\$ 4,000	\$ 4,000
C5	Post Construction Television Inspection	20	LF			\$ 10	\$ 200	\$ 5	\$ 100	\$ 20	\$ 400	\$ 5	\$ 100	\$ 5	\$ 100
C6	Abandon Existing Sanitary Sewer Manhole	2	EA			\$ 300	\$ 600	\$ 3,000	\$ 6,000	\$ 4,000	\$ 8,000	\$ 4,500	\$ 9,000	\$ 8,000	\$ 16,000
C7	Plug and Abandon Existing Sanitary Sewer	355	LF			\$ 2	\$ 710	\$ 5	\$ 1,775	\$ 15	\$ 5,325	\$ 10	\$ 3,550	\$ 50	\$ 17,750
C8	Connect New Sanitary Sewer Pipe to Existing Manhole	1	EA			\$ 100	\$ 100	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,000	\$ 1,500	\$ 1,500	\$ 500	\$ 500
C9	Point Repair to Existing 6-inch Sewer	1	EA			\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 7,000	\$ 7,000	\$ 5,000	\$ 5,000	\$ 18,000	\$ 18,000
C10	Rehabilitate (E) SSMH	1	EA			\$ 3,000	\$ 3,000	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 7,000	\$ 7,000	\$ 3,000	\$ 3,000
Location C Subtotal:							\$ 22,910		\$ 35,675		\$ 30,975		\$ 33,650		\$ 64,050

Bid Summary

Sewer Improvements: Vancouver, Broadway, Rollins, El Camino, and Easements of La Mesa, Alturas, and Los Montes
City Project No. 85570

LOCATION D – El Camino Real

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Engineer's Estimate		Westland (LOW Bidder)		Darcy & Harty		Cratus		EPS Inc		KJ Woods	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
D1	NPDES Compliance (not to exceed 1% of Base Bid)	1	LS			\$ 300	\$ 300	\$ 1,000	\$ 1,000	\$ 400	\$ 400	\$ 2,000	\$ 2,000	\$ 2,140	\$ 2,140
D2	Mobilization and Demobilization (not to exceed 3.5% of Base Bid)	1	LS			\$ 5,000	\$ 5,000	\$ 3,800	\$ 3,800	\$ 1,000	\$ 1,000	\$ 7,000	\$ 7,000	\$ 7,800	\$ 7,800
D3	Construction Survey and Site Investigation (not to exceed 3.5% of Base Bid)	1	LS			\$ 1,500	\$ 1,500	\$ 3,000	\$ 3,000	\$ 1,000	\$ 1,000	\$ 7,000	\$ 7,000	\$ 7,700	\$ 7,700
D4	Traffic Control	1	LS			\$ 5,000	\$ 5,000	\$ 15,000	\$ 15,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000
D5	Remove and Replace Existing 6” or 8” Sanitary Sewer with 6” SDR 26 Sanitary Sewer (Open Cut)	124	LF			\$ 500	\$ 62,000	\$ 345	\$ 42,780	\$ 1,000	\$ 124,000	\$ 500	\$ 62,000	\$ 1,175	\$ 145,700
D6	Post Construction Television Inspection	124	LF			\$ 2	\$ 248	\$ 5	\$ 620	\$ 8	\$ 992	\$ 5	\$ 620	\$ 15	\$ 1,860
D7	Remove Existing Manhole and Replace with New 24” Mini Manhole	1	EA			\$ 5,000	\$ 5,000	\$ 6,500	\$ 6,500	\$ 4,000	\$ 4,000	\$ 18,000	\$ 18,000	\$ 8,000	\$ 8,000
D8	Remove Existing LH and Install New 24” Mini Manhole	1	EA			\$ 5,000	\$ 5,000	\$ 6,500	\$ 6,500	\$ 4,000	\$ 4,000	\$ 18,000	\$ 18,000	\$ 8,000	\$ 8,000
D9	Remove and Replace Existing MH with (N) 36” Type 2 SSMH	1	EA			\$ 7,000	\$ 7,000	\$ 6,500	\$ 6,500	\$ 7,000	\$ 7,000	\$ 18,000	\$ 18,000	\$ 10,000	\$ 10,000
D10	Install (N) 8” PVC Pipe Stub (5ft min) and Reducer and Reconnect Existing Pipe	1	EA			\$ 2,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 2,050	\$ 2,050
D11	Install (N) 4” PVC Pipe Stub (5ft min) and Reducer and Reconnect Existing Pipe	1	EA			\$ 2,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,000	\$ 2,000	\$ 2,000	\$ 1,800	\$ 1,800
D12	Replace Existing 4” Sewer Lateral	4	EA			\$ 3,000	\$ 12,000	\$ 3,500	\$ 14,000	\$ 6,000	\$ 24,000	\$ 7,000	\$ 28,000	\$ 2,800	\$ 11,200
D13	New or Replace Existing 4” Sewer Cleanout	4	EA			\$ 500	\$ 2,000	\$ 1,000	\$ 4,000	\$ 5,000	\$ 20,000	\$ 1,800	\$ 7,200	\$ 300	\$ 1,200
D14	Traffic Signal Loop Restoration	2	EA			\$ 2,000	\$ 4,000	\$ 2,000	\$ 4,000	\$ 2,000	\$ 4,000	\$ 10,000	\$ 20,000	\$ 1,800	\$ 3,600
Location D Subtotal:							\$ 113,048		\$ 109,700		\$ 201,392		\$ 202,820		\$ 226,050

Bid Summary

Sewer Improvements: Vancouver, Broadway, Rollins, El Camino, and Easements of La Mesa, Alturas, and Los Montes
City Project No. 85570

LOCATION E – Belvedere Court

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	Engineer's Estimate		Westland (LOW Bidder)		Darcy & Harty		Cratus		EPS Inc		KJ Woods	
				UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
E1	NPDES Compliance (not to exceed 1% of Base Bid)	1	LS			\$ 300	\$ 300	\$ 800	\$ 800	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,500	\$ 1,500
E2	Mobilization and Demobilization (not to exceed 3.5% of Base Bid)	1	LS			\$ 5,000	\$ 5,000	\$ 3,200	\$ 3,200	\$ 3,000	\$ 3,000	\$ 3,500	\$ 3,500	\$ 5,200	\$ 5,200
E3	Construction Survey and Site Investigation (not to exceed 3.5% of Base Bid)	1	LS			\$ 1,500	\$ 1,500	\$ 2,800	\$ 2,800	\$ 3,000	\$ 3,000	\$ 3,500	\$ 3,500	\$ 4,260	\$ 4,260
E4	Traffic Control	1	LS			\$ 200	\$ 200	\$ 2,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 5,000	\$ 5,000	\$ 500	\$ 500
E5	Replace Existing 6” or 8” Sanitary Sewer with 8” HDPE Sanitary Sewer (Pipe Ream or Pipe Burst)	229	LF			\$ 240	\$ 54,960	\$ 300	\$ 68,700	\$ 400	\$ 91,600	\$ 225	\$ 51,525	\$ 550	\$ 125,950
E6	Post Construction Television Inspection	229	LF			\$ 2	\$ 458	\$ 5	\$ 1,145	\$ 5	\$ 1,145	\$ 4	\$ 916	\$ 10	\$ 2,290
E7	Connect to Existing Sanitary Sewer Manhole	2	EA			\$ 100	\$ 200	\$ 1,000	\$ 2,000	\$ 3,000	\$ 6,000	\$ 2,000	\$ 4,000	\$ 1,000	\$ 2,000
E8	Replace Existing 4” Sewer Lateral	3	EA			\$ 3,000	\$ 9,000	\$ 3,500	\$ 10,500	\$ 5,000	\$ 15,000	\$ 7,000	\$ 21,000	\$ 2,500	\$ 7,500
E9	New or Replace Existing 4” Sewer Cleanout	3	EA			\$ 500	\$ 1,500	\$ 1,000	\$ 3,000	\$ 500	\$ 1,500	\$ 1,800	\$ 5,400	\$ 500	\$ 1,500
E10	Rehabilitate (E) SSMH	1	EA			\$ 3,000	\$ 3,000	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 7,000	\$ 7,000	\$ 5,000	\$ 5,000
Location E Subtotal:						\$ 76,118		\$ 98,645		\$ 128,245		\$ 102,841			\$ 155,700

Total A, B, C, D, E	\$	831,617	\$	-	\$	1,136,275	\$	-	\$	1,220,114	\$	-	\$	1,362,591	\$	-	\$	1,499,180
Grand Total	\$	946,945	\$		\$	1,179,075	\$		\$	1,247,212	\$		\$	1,434,811	\$		\$	1,528,480