

CITY OF BURLINGAME
BID SUMMARY
FY 2019-20 CITYWIDE SEWER IMPROVEMENTS
City Project No. 85570

Project No: 85570 2019/20 Citywide Sewer Improvements 1				Engineer's Estimate		Ranger Pipeline		EPS Inc.		Bay Pacific		Andes Construction Inc		KJ Woods		Glosage Engineering		Cratus Inc.	
ITEM NO.	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
General Common Items (1-6)																			
1	Remove and Replace Sidewalk	200	SF	\$ 30	\$ 6,000	\$ 30	\$ 6,000	\$ 20	\$ 4,000	\$ 75	\$ 15,000	\$ 15	\$ 3,000	\$ 16	\$ 3,200	\$ 32	\$ 6,400	\$ 16	\$ 3,200
2	Remove and Replace Curb and Gutter	100	LF	\$ 75	\$ 7,500	\$ 65	\$ 6,500	\$ 40	\$ 4,000	\$ 75	\$ 7,500	\$ 25	\$ 2,500	\$ 40	\$ 4,000	\$ 50	\$ 5,000	\$ 40	\$ 4,000
3	Remove and Replace Driveway	200	SF	\$ 40	\$ 8,000	\$ 40	\$ 8,000	\$ 30	\$ 6,000	\$ 75	\$ 15,000	\$ 25	\$ 5,000	\$ 30	\$ 6,000	\$ 42	\$ 8,400	\$ 16	\$ 3,200
4	Additional Asphalt Surface Repair	50	TON	\$ 250	\$ 12,500	\$ 275	\$ 13,750	\$ 200	\$ 10,000	\$ 400	\$ 20,000	\$ 125	\$ 6,250	\$ 120	\$ 6,000	\$ 398	\$ 19,900	\$ 200	\$ 10,000
5	Final AC Patching (at Existing Pothole and Geotechnical Boring Locations)	18	SF	\$ 50	\$ 900	\$ 60	\$ 1,080	\$ 50	\$ 900	\$ 50	\$ 900	\$ 25	\$ 450	\$ 75	\$ 1,350	\$ 22	\$ 396	\$ 11	\$ 198
6	Preconstruction Potholing	12	EA	\$ 2,000	\$ 24,000	\$ 1,900	\$ 22,800	\$ 1,200	\$ 14,400	\$ 1,000	\$ 12,000	\$ 2,500	\$ 30,000	\$ 225	\$ 2,700	\$ 2,398	\$ 28,776	\$ 650	\$ 7,800
General Items Subtotal:					\$ 58,900		\$ 58,130		\$ 39,300		\$ 70,400		\$ 47,200		\$ 23,250		\$ 68,872		\$ 28,398
LOCATION A - Vancoiuver Ave and Broadway Ave																			
A1	NPDES Compliance (not to exceed 1% of Base bid)	1	LS	1.0%	\$ 5,000	\$ 1,000	\$ 1,000	\$ 4,600	\$ 4,600	\$ 3,000	\$ 3,000	\$ 2,300	\$ 2,300	\$ 5,000	\$ 5,000	\$ 1,640	\$ 1,640	\$ 1,000	\$ 1,000
A2	Mobilization and Demobilization (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 17,000	\$ 12,000	\$ 12,000	\$ 16,000	\$ 16,000	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 18,080	\$ 18,080	\$ 9,560	\$ 9,560	\$ 3,000	\$ 3,000
A3	Construction Survey and Site Investigation (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 17,000	\$ 5,000	\$ 5,000	\$ 15,000	\$ 15,000	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 11,348	\$ 11,348	\$ 8,900	\$ 8,900	\$ 3,000	\$ 3,000
A4	Traffic Control	1	LS	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 25,000	\$ 12,500	\$ 12,500	\$ 15,000	\$ 15,000	\$ 3,800	\$ 3,800	\$ 5,000	\$ 5,000
A5	Remove and Replace Existing 6" or 8" Sanitary Sewer with 8" HDPE Sanitary Sewer (Pipe Ream or Pipe Burst)	378	LF	\$ 275	\$ 103,950	\$ 270	\$ 102,060	\$ 240	\$ 90,720	\$ 225	\$ 85,050	\$ 255	\$ 96,390	\$ 245	\$ 92,610	\$ 295	\$ 111,510	\$ 250	\$ 94,500
A6	Remove and Replace Existing 6" or 8" Sanitary Sewer with 8" SDR 26 PVC Sanitary Sewer (Open Cut)	301	LF	\$ 375	\$ 112,875	\$ 300	\$ 90,300	\$ 350	\$ 105,350	\$ 425	\$ 127,925	\$ 375	\$ 112,875	\$ 390	\$ 117,390	\$ 333	\$ 100,233	\$ 350	\$ 105,350
A7	New 8" SDR 26 PVC Sanitary Sewer (Open Cut)	208	LF	\$ 365	\$ 75,920	\$ 300	\$ 62,400	\$ 360	\$ 74,880	\$ 425	\$ 88,400	\$ 375	\$ 78,000	\$ 390	\$ 81,120	\$ 333	\$ 69,264	\$ 350	\$ 72,800
A8	Post Construction Television Inspection	1409	LF	\$ 5	\$ 7,045	\$ 4	\$ 5,636	\$ 5	\$ 7,045	\$ 5	\$ 7,045	\$ 15	\$ 21,135	\$ 3	\$ 4,227	\$ 4	\$ 4,932	\$ 4	\$ 5,636
A9	Abandon Existing Sanitary Sewer	266	LF	\$ 15	\$ 3,990	\$ 2	\$ 532	\$ 10	\$ 2,660	\$ 20	\$ 5,320	\$ 14	\$ 3,724	\$ 10	\$ 2,660	\$ 38	\$ 10,108	\$ 5	\$ 1,330
A10	Remove Existing Lamphole	5	EA	\$ 1,500	\$ 7,500	\$ 100	\$ 500	\$ 850	\$ 4,250	\$ 1,000	\$ 5,000	\$ 1,200	\$ 6,000	\$ 1,115	\$ 5,575	\$ 780	\$ 3,900	\$ 500	\$ 2,500
A11	Remove Existing Sanitary Sewer Manhole	2	EA	\$ 3,000	\$ 6,000	\$ 500	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 3,000	\$ 6,000	\$ 1,775	\$ 3,550	\$ 3,900	\$ 7,800	\$ 1,500	\$ 3,000
A12	Rehabilitate (E) SSMH	1	EA	\$ 5,500	\$ 5,500	\$ 3,500	\$ 3,500	\$ 4,000	\$ 4,000	\$ 3,500	\$ 3,500	\$ 3,600	\$ 3,600	\$ 3,000	\$ 3,000	\$ 6,100	\$ 6,100	\$ 5,000	\$ 5,000
A13	Construct New 6" Sanitary Sewer (Open Cut) with Reducer and Elbow and 6" Riser with 6" Frame and Cover	1	EA	\$ 5,000	\$ 5,000	\$ 2,500	\$ 2,500	\$ 4,500	\$ 4,500	\$ 2,500	\$ 2,500	\$ 2,800	\$ 2,800	\$ 3,775	\$ 3,775	\$ 4,300	\$ 4,300	\$ 1,000	\$ 1,000
A14	Construct new 36" Type 1 Manhole	2	EA	\$ 9,500	\$ 19,000	\$ 8,000	\$ 16,000	\$ 9,200	\$ 18,400	\$ 3,000	\$ 6,000	\$ 5,000	\$ 10,000	\$ 8,450	\$ 16,900	\$ 7,900	\$ 15,800	\$ 6,000	\$ 12,000
A15	Construct New 48" Type 2 Manhole	1	EA	\$ 10,000	\$ 10,000	\$ 8,500	\$ 8,500	\$ 12,200	\$ 12,200	\$ 7,500	\$ 7,500	\$ 7,000	\$ 7,000	\$ 6,450	\$ 6,450	\$ 8,400	\$ 8,400	\$ 7,500	\$ 7,500
A16	New 48" Type 1 Manhole	1	EA	\$ 11,000	\$ 11,000	\$ 9,000	\$ 9,000	\$ 13,000	\$ 13,000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 9,450	\$ 9,450	\$ 8,900	\$ 8,900	\$ 7,700	\$ 7,700
A17	Remove Existing Reducer and Connect New Sanitary Sewer Pipe to Existing Pipe Stub	1	EA	\$ 2,000	\$ 2,000	\$ 800	\$ 800	\$ 2,000	\$ 2,000	\$ 5,000	\$ 5,000	\$ 1,300	\$ 1,300	\$ 1,450	\$ 1,450	\$ 3,400	\$ 3,400	\$ 1,000	\$ 1,000
A18	Connect to Existing Sanitary Sewer Manhole	3	EA	\$ 2,000	\$ 6,000	\$ 500	\$ 1,500	\$ 1,000	\$ 3,000	\$ 1,750	\$ 5,250	\$ 500	\$ 1,500	\$ 850	\$ 2,550	\$ 989	\$ 2,967	\$ 2,000	\$ 6,000
A19	Abandon Outside Drop and Install Inside Drop	1	EA	\$ 2,000	\$ 2,000	\$ 1,500	\$ 1,500	\$ 2,500	\$ 2,500	\$ 3,500	\$ 3,500	\$ 1,600	\$ 1,600	\$ 1,450	\$ 1,450	\$ 5,380	\$ 5,380	\$ 3,000	\$ 3,000
A20	Replace Existing 4" Sewer Lateral	12	EA	\$ 4,000	\$ 48,000	\$ 3,000	\$ 36,000	\$ 4,500	\$ 54,000	\$ 4,000	\$ 48,000	\$ 2,000	\$ 24,000	\$ 1,750	\$ 21,000	\$ 3,980	\$ 47,760	\$ 5,000	\$ 60,000
A21	Replace and Extend Existing Sewer Lateral	5	EA	\$ 7,000	\$ 35,000	\$ 3,500	\$ 17,500	\$ 5,000	\$ 25,000	\$ 4,500	\$ 22,500	\$ 2,000	\$ 10,000	\$ 1,800	\$ 9,000	\$ 3,880	\$ 19,400	\$ 5,000	\$ 25,000
A22	New or Replace Existing 4" Sewer Cleanout	17	EA	\$ 1,000	\$ 17,000	\$ 1,000	\$ 17,000	\$ 850	\$ 14,450	\$ 600	\$ 10,200	\$ 1,500	\$ 25,500	\$ 250	\$ 4,250	\$ 920	\$ 15,640	\$ 500	\$ 8,500
A23	Remove Abandoned Water Valve and Box	1	EA	\$ 1,500	\$ 1,500	\$ 300	\$ 300	\$ 500	\$ 500	\$ 1,500	\$ 1,500	\$ 800	\$ 800	\$ 400	\$ 400	\$ 1,290	\$ 1,290	\$ 200	\$ 200
Location A Subtotal:					\$ 528,280		\$ 399,528		\$ 486,055		\$ 476,690		\$ 449,524		\$ 436,235		\$ 470,984		\$ 434,016

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Location B - Alturas Dr Easements																			
B1	NPDES Compliance (not to exceed 1% of Base bid)	1	LS	1.0%	\$ 4,000	\$ 1,000	\$ 1,000	\$ 3,500	\$ 3,500	\$ 2,500	\$ 2,500	\$ 2,300	\$ 2,300	\$ 5,000	\$ 5,000	\$ 1,640	\$ 1,640	\$ 1,000	\$ 1,000
B2	Mobilization and Demobilization (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 13,000	\$ 8,000	\$ 8,000	\$ 13,500	\$ 13,500	\$ 5,000	\$ 5,000	\$ 7,500	\$ 7,500	\$ 18,000	\$ 18,000	\$ 9,560	\$ 9,560	\$ 3,000	\$ 3,000
B3	Construction Survey and Site Investigation (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 15,000	\$ 5,000	\$ 5,000	\$ 13,000	\$ 13,000	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 16,310	\$ 16,310	\$ 8,900	\$ 8,900	\$ 3,000	\$ 3,000
B4	Traffic Control	1	LS	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 2,500	\$ 2,500	\$ 2,250	\$ 2,250	\$ 8,300	\$ 8,300	\$ 3,800	\$ 3,800	\$ 5,000	\$ 5,000
B5	Replace Existing 6" or 8" Sanitary Sewer with 8" HDPE Sanitary Sewer (Pipe Ream or Pipe Burst)	425	LF	\$ 275	\$ 116,875	\$ 250	\$ 106,250	\$ 225	\$ 95,625	\$ 225	\$ 95,625	\$ 350	\$ 148,750	\$ 270	\$ 114,750	\$ 312	\$ 132,600	\$ 300	\$ 127,500
B5A	Replace Existing 6" or 8" Sanitary Sewer with 8" HDPE Sanitary Sewer	360	LF			\$ 230	\$ 82,800	\$ 240	\$ 86,400	\$ 225	\$ 81,000	\$ 395	\$ 142,200	\$ 340	\$ 122,400	\$ 312	\$ 112,320	\$ 300	\$ 108,000
B6	New 8" HDPE Sanitary Sewer (Open Cut)	9	LF	\$ 400	\$ 3,600	\$ 350	\$ 3,150	\$ 450	\$ 4,050	\$ 500	\$ 4,500	\$ 375	\$ 3,375	\$ 430	\$ 3,870	\$ 333	\$ 2,997	\$ 350	\$ 3,150
B7	Remove Existing 6" VCP Sanitary Sewer	8	LF	\$ 250	\$ 2,000	\$ 10	\$ 80	\$ 200	\$ 1,600	\$ 50	\$ 400	\$ 100	\$ 800	\$ 400	\$ 3,200	\$ 38	\$ 304	\$ 20	\$ 160
B8	Post Construction Television Inspection	794	LF	\$ 5	\$ 3,970	\$ 4	\$ 3,176	\$ 5	\$ 3,970	\$ 5	\$ 3,970	\$ 15	\$ 11,910	\$ 5	\$ 3,970	\$ 4	\$ 2,779	\$ 4	\$ 3,176
B9	Rehabilitate Existing SSMH	3	EA	\$ 5,500	\$ 16,500	\$ 3,500	\$ 10,500	\$ 6,000	\$ 18,000	\$ 4,000	\$ 12,000	\$ 3,500	\$ 10,500	\$ 3,000	\$ 9,000	\$ 8,900	\$ 26,700	\$ 5,000	\$ 15,000
B10	Remove and Replace Existing MH with (N) 36" Type 1 SSMH	1	EA	\$ 10,000	\$ 10,000	\$ 8,000	\$ 8,000	\$ 9,200	\$ 9,200	\$ 4,500	\$ 4,500	\$ 5,000	\$ 5,000	\$ 8,450	\$ 8,450	\$ 7,900	\$ 7,900	\$ 6,500	\$ 6,500
B11	Remove and Replace Existing MH with (N) 48" Type 1 SSMH	1	EA	\$ 12,000	\$ 12,000	\$ 9,000	\$ 9,000	\$ 13,000	\$ 13,000	\$ 7,500	\$ 7,500	\$ 7,000	\$ 7,000	\$ 9,450	\$ 9,450	\$ 8,900	\$ 8,900	\$ 7,500	\$ 7,500
B12	Remove Existing LH and Replace with (N)36" Type 1 SSMH	1	EA	\$ 10,000	\$ 10,000	\$ 8,000	\$ 8,000	\$ 9,200	\$ 9,200	\$ 3,500	\$ 3,500	\$ 6,000	\$ 6,000	\$ 8,450	\$ 8,450	\$ 7,900	\$ 7,900	\$ 7,000	\$ 7,000
B13	Install (N) 8" PVC Pipe Stub (5ft min) and Reducer and reconnect existing pipe	4	EA	\$ 3,000	\$ 12,000	\$ 1,500	\$ 6,000	\$ 2,000	\$ 8,000	\$ 4,000	\$ 16,000	\$ 500	\$ 2,000	\$ 1,120	\$ 4,480	\$ 3,780	\$ 15,120	\$ 1,000	\$ 4,000
B14	Connect new Sanitary Sewer Pipe to Existing Manhole	6	EA	\$ 2,000	\$ 12,000	\$ 500	\$ 3,000	\$ 1,000	\$ 6,000	\$ 1,500	\$ 9,000	\$ 500	\$ 3,000	\$ 380	\$ 2,280	\$ 989	\$ 5,934	\$ 3,000	\$ 18,000
B15	Replace Existing 4" Sewer Lateral	13	EA	\$ 4,000	\$ 52,000	\$ 3,000	\$ 39,000	\$ 4,500	\$ 58,500	\$ 3,000	\$ 39,000	\$ 2,000	\$ 26,000	\$ 1,200	\$ 15,600	\$ 3,980	\$ 51,740	\$ 5,000	\$ 65,000
B16	New or Replace Existing 4" Sewer Cleanout	13	EA	\$ 1,000	\$ 13,000	\$ 1,000	\$ 13,000	\$ 850	\$ 11,050	\$ 3,500	\$ 45,500	\$ 500	\$ 6,500	\$ 250	\$ 3,250	\$ 920	\$ 11,960	\$ 500	\$ 6,500
B17	Point Repair to Existing 6-Inch Sewer	7	EA	\$ 10,000	\$ 70,000	\$ 8,000	\$ 56,000	\$ 5,500	\$ 38,500	\$ 3,500	\$ 24,500	\$ 3,500	\$ 24,500	\$ 8,500	\$ 59,500	\$ 4,480	\$ 31,360	\$ 6,000	\$ 42,000
	Location B Subtotal:				\$ 370,945		\$ 366,956		\$ 398,095		\$ 359,495		\$ 417,085		\$ 416,260		\$ 442,414		\$ 425,486
Location C - Rollins Rd																			
C1	NPDES Compliance (not to exceed 1% of Base bid)	1	LS	1.0%	\$ 200	\$ 300	\$ 300	\$ 300	\$ 300	\$ 1,500	\$ 1,500	\$ 2,300	\$ 2,300	\$ 600	\$ 600	\$ 1,640	\$ 1,640	\$ 250	\$ 250
C2	Mobilization and Demobilization (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 800	\$ 1,000	\$ 1,000	\$ 1,100	\$ 1,100	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 2,050	\$ 2,050	\$ 4,300	\$ 4,300	\$ 1,000	\$ 1,000
C3	Construction Survey and Site Investigation (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 1,200	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 2,000	\$ 2,000	\$ 6,900	\$ 6,900	\$ 1,000	\$ 1,000
C4	Traffic Control	1	LS	\$ 8,000	\$ 8,000	\$ 2,000	\$ 2,000	\$ 4,000	\$ 4,000	\$ 5,000	\$ 5,000	\$ 2,500	\$ 2,500	\$ 4,000	\$ 4,000	\$ 3,800	\$ 3,800	\$ 1,000	\$ 1,000
C5	Post Construction Television Inspection	20	LF	\$ 10	\$ 200	\$ 10	\$ 200	\$ 5	\$ 100	\$ 5	\$ 100	\$ 15	\$ 300	\$ 5	\$ 100	\$ 4	\$ 70	\$ 20	\$ 400
C6	Abandon Existing Sanitary Sewer Manhole	2	EA	\$ 3,000	\$ 6,000	\$ 2,500	\$ 5,000	\$ 4,000	\$ 8,000	\$ 1,500	\$ 3,000	\$ 1,500	\$ 3,000	\$ 7,000	\$ 14,000	\$ 1,800	\$ 3,600	\$ 4,000	\$ 8,000
C7	Plug and Abandon Existing Sanitary Sewer	355	LF	\$ 25	\$ 8,875	\$ 10	\$ 3,550	\$ 10	\$ 3,550	\$ 15	\$ 5,325	\$ 75	\$ 26,625	\$ 35	\$ 12,425	\$ 38	\$ 13,490	\$ 15	\$ 5,325
C8	Connect new Sanitary Sewer Pipe to Existing Manhole	1	EA	\$ 2,000	\$ 2,000	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,500	\$ 1,200	\$ 1,200	\$ 450	\$ 450	\$ 989	\$ 989	\$ 2,000	\$ 2,000
C9	Point Repair to Existing 6-Inch Sewer	1	EA	\$ 10,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 8,000	\$ 8,000	\$ 3,500	\$ 3,500	\$ 2,500	\$ 2,500	\$ 1,700	\$ 1,700	\$ 4,980	\$ 4,980	\$ 7,000	\$ 7,000
C10	Rehabilitate (E) SSMH	1	EA	\$ 5,500	\$ 5,500	\$ 4,000	\$ 4,000	\$ 4,500	\$ 4,500	\$ 4,000	\$ 4,000	\$ 3,500	\$ 3,500	\$ 3,000	\$ 3,000	\$ 8,900	\$ 8,900	\$ 5,000	\$ 5,000
	Location C Subtotal:				\$ 42,775		\$ 33,550		\$ 32,050		\$ 28,925		\$ 56,925		\$ 40,325		\$ 48,669		\$ 30,975
Location D - El Camino Real																			
D1	NPDES Compliance (not to exceed 1% of Base bid)	1	LS	1.0%	\$ 2,000	\$ 1,000	\$ 1,000	\$ 1,200	\$ 1,200	\$ 2,500	\$ 2,500	\$ 2,300	\$ 2,300	\$ 2,140	\$ 2,140	\$ 1,640	\$ 1,640	\$ 400	\$ 400
D2	Mobilization and Demobilization (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 6,000	\$ 3,000	\$ 3,000	\$ 4,200	\$ 4,200	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 7,800	\$ 7,800	\$ 9,560	\$ 9,560	\$ 1,000	\$ 1,000
D3	Construction Survey and Site Investigation (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 6,000	\$ 3,000	\$ 3,000	\$ 4,100	\$ 4,100	\$ 2,500	\$ 2,500	\$ 7,500	\$ 7,500	\$ 7,700	\$ 7,700	\$ 8,900	\$ 8,900	\$ 1,000	\$ 1,000
D4	Traffic Control	1	LS	\$ 20,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 12,250	\$ 12,250	\$ 15,000	\$ 15,000	\$ 5,800	\$ 5,800	\$ 5,000	\$ 5,000
D5	Remove and Replace Existing 6" or 8" Sanitary Sewer with 6" SDR 26 Sanitary Sewer (Open Cut)	124	LF	\$ 625	\$ 77,500	\$ 525	\$ 65,100	\$ 420	\$ 52,080	\$ 800	\$ 99,200	\$ 425	\$ 52,700	\$ 800	\$ 99,200	\$ 375	\$ 46,500	\$ 1,000	\$ 124,000
D6	Post Construction Television Inspection	124	LF	\$ 8	\$ 992	\$ 10	\$ 1,240	\$ 5	\$ 620	\$ 10	\$ 1,240	\$ 15	\$ 1,860	\$ 15	\$ 1,860	\$ 4	\$ 434	\$ 8	\$ 992
D7	Remove Existing Manhole and Replace with New 24" Mini Manhole	1	EA	\$ 7,500	\$ 7,500	\$ 7,000	\$ 7,000	\$ 8,200	\$ 8,200	\$ 3,000	\$ 3,000	\$ 4,500	\$ 4,500	\$ 7,000	\$ 7,000	\$ 9,690	\$ 9,690	\$ 4,000	\$ 4,000
D8	Remove Existing LH and Install (N) 24" Mini Manhole	1	EA	\$ 9,000	\$ 9,000	\$ 7,000	\$ 7,000	\$ 8,200	\$ 8,200	\$ 3,000	\$ 3,000	\$ 4,500	\$ 4,500	\$ 7,000	\$ 7,000	\$ 8,490	\$ 8,490	\$ 4,000	\$ 4,000
D9	Remove and Replace Existing MH with (N) 36" Type 2 SSMH	1	EA	\$ 10,000	\$ 10,000	\$ 8,000	\$ 8,000	\$ 9,800	\$ 9,800	\$ 3,500	\$ 3,500	\$ 7,500	\$ 7,500	\$ 9,000	\$ 9,000	\$ 9,999	\$ 9,999	\$ 7,000	\$ 7,000
D10	Install (N) 8" PVC Pipe Stub (5ft min) and Reducer and reconnect existing pipe	1	EA	\$ 5,000	\$ 5,000	\$ 2,000	\$ 2,000	\$ 1,000	\$ 1,000	\$ 3,000	\$ 3,000	\$ 750	\$ 750	\$ 1,500	\$ 1,500	\$ 3,780	\$ 3,780	\$ 3,000	\$ 3,000
D11	Install (N) 4" PVC Pipe Stub (5ft min) and Reducer and reconnect existing pipe	1	EA	\$ 5,000	\$ 5,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,500	\$ 2,500	\$ 750	\$ 750	\$ 1,500	\$ 1,500	\$ 2,090	\$ 2,090	\$ 3,000	\$ 3,000
D12	Replace Existing 4" Sewer Lateral	4	EA	\$ 4,000	\$ 16,000	\$ 4,000	\$ 16,000	\$ 4,500	\$ 18,000	\$ 3,500	\$ 14,000	\$ 2,000	\$ 8,000	\$ 2,500	\$ 10,000	\$ 4,490	\$ 17,960	\$ 6,000	\$ 24,000
D13	New or Replace Existing 4" Sewer Cleanout	4	EA	\$ 1,000	\$ 4,000	\$ 1,000	\$ 4,000	\$ 850	\$ 3,400	\$ 3,500	\$ 14,000	\$ 500	\$ 2,000	\$ 250	\$ 1,000	\$ 920	\$ 3,680	\$ 5,000	\$ 20,000
D14	Traffic Signal Loop Restoration	2	EA	\$ 3,000	\$ 6,000	\$ 2,000	\$ 4,000	\$ 2,000	\$ 4,000	\$ 7,500	\$ 15,000	\$ 1,200	\$ 2,400	\$ 1,800	\$ 3,600	\$ 2,000	\$ 4,000	\$ 2,000	\$ 4,000
	Location D Subtotal:				\$ 174,992		\$ 133,340		\$ 121,800		\$ 170,940		\$ 114,510		\$ 174,300		\$ 132,523		\$ 201,392
Location E - Belvedere Court																			
E1	NPDES Compliance (not to exceed 1% of Base bid)	1	LS	1.0%	\$ 1,000	\$ 300	\$ 300	\$ 900	\$ 900	\$ 1,000	\$ 1,000	\$ 2,300	\$ 2,300	\$ 1,500	\$ 1,500	\$ 1,640	\$ 1,640	\$ 1,000	\$ 1,000
E2	Mobilization and Demobilization (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 3,000	\$ 2,500	\$ 2,500	\$ 3,400	\$ 3,400	\$ 1,000	\$ 1,000	\$ 7,500	\$ 7,500	\$ 5,200	\$ 5,200	\$ 9,560	\$ 9,560	\$ 3,000	\$ 3,000
E3	Construction Survey and Site Investigation (not to exceed 3.5% of Base bid)	1	LS	3.5%	\$ 3,000	\$ 2,500	\$ 2,500	\$ 3,300	\$ 3,300	\$ 2,000	\$ 2,000	\$ 7,500	\$ 7,500	\$ 4,260	\$ 4,260	\$ 8,900	\$ 8,900	\$ 3,000	\$ 3,000
E4	Traffic Control	1	LS	\$ 5,000	\$ 5,000	\$ 3,000	\$ 3,000	\$ 4,000	\$ 4,000	\$ 500	\$ 500	\$ 2,000	\$ 2,000	\$ 500	\$ 500	\$ 3,800	\$ 3,800	\$ 1,000	\$ 1,000

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Project No: 85570 2019/20 Citywide Sewer Improvements 1				Engineer's Estimate		Ranger Pipeline		EPS Inc.		Bay Pacific		Andes Construction Inc		KJ Woods		Glosage Engineering		Cratus Inc.	
ITEM NO.	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
E5	Replace Existing 6" or 8" Sanitary Sewer with 8" HDPE Sanitary Sewer (Pipe Ream or Pipe Bursts)	229	LF	\$ 275	\$ 62,975	\$ 300	\$ 68,700	\$ 275	\$ 62,975	\$ 225	\$ 51,525	\$ 375	\$ 85,875	\$ 440	\$ 100,760	\$ 324	\$ 74,196	\$ 400	\$ 91,600
E6	Post Construction Television Inspection	229	LF	\$ 5	\$ 1,145	\$ 4	\$ 916	\$ 4	\$ 916	\$ 5	\$ 1,145	\$ 15	\$ 3,435	\$ 10	\$ 2,290	\$ 4	\$ 802	\$ 5	\$ 1,145
E7	Connect to Existing Sanitary Sewer Manhole	2	EA	\$ 2,000	\$ 4,000	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,500	\$ 3,000	\$ 500	\$ 1,000	\$ 1,000	\$ 2,000	\$ 989	\$ 1,978	\$ 3,000	\$ 6,000
E8	Replace Existing 4" Sewer Lateral	3	EA	\$ 4,000	\$ 12,000	\$ 3,000	\$ 9,000	\$ 4,500	\$ 13,500	\$ 3,000	\$ 9,000	\$ 2,000	\$ 6,000	\$ 1,800	\$ 5,400	\$ 4,490	\$ 13,470	\$ 5,000	\$ 15,000
E9	New or Replace Existing 4" Sewer Cleanout	3	EA	\$ 1,000	\$ 3,000	\$ 1,000	\$ 3,000	\$ 850	\$ 2,550	\$ 3,000	\$ 9,000	\$ 500	\$ 1,500	\$ 300	\$ 900	\$ 920	\$ 2,760	\$ 500	\$ 1,500
E10	Rehabilitate (E) SSMH	1	EA	\$ 5,500	\$ 5,500	\$ 3,000	\$ 3,000	\$ 4,800	\$ 4,800	\$ 4,000	\$ 4,000	\$ 3,500	\$ 3,500	\$ 5,000	\$ 5,000	\$ 8,900	\$ 8,900	\$ 5,000	\$ 5,000
Location E Subtotal:					\$ 100,620		\$ 94,916		\$ 98,341		\$ 82,170		\$ 120,610		\$ 127,810		\$ 126,006		\$ 128,245
SEWER IMPROVEMENTS - TOTAL BASE BID					\$ 1,276,512		\$ 1,086,420		\$ 1,175,641		\$ 1,188,620		\$ 1,205,854		\$ 1,218,180		\$ 1,289,467		\$ 1,248,512