

ATTACHMENT 1 - BID TABULATION

ROSS VALLEY SANITARY DISTRICT FY22/23 Gravity Sewer Rehabilitation Project Final Submittal Preliminary Opinion of Probable Construction Costs, August 2022						Apparent Low bidder				
Glossage Engineering						Darcy & Hardy	Bay Pacific Pipelines	KI Woods	Cratus	
Bid Item List										
Item No.	Item Description	Unit	Estimated Quantity	Unit Cost	Item Cost					
General										
1	Mobilization and Demobilization	LS	1	\$434,000	\$434,000					
2	Traffic Control	LS	1	\$392,000	\$392,000	\$17,000.00	\$90,000.00	\$70,000.00	\$120,000.00	\$120,000.00
3	Overexcavation and Special Pipe Foundation (Reversible if not used)	CY	10	\$220	\$2,200	\$10.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
4	Rock Excavation (Reversible if not used)	CY	15	\$350	\$5,250	\$15.00	\$7,500.00	\$1,500.00	\$7,500.00	\$4,500.00
5	Trench Sheetpiling, Shoring and Bracing	LS	1	\$5,000	\$5,000	\$12,000.00	\$137,500.00	\$50,000.00	\$88,000.00	\$110,000.00
6	AC Surface Upheaval Repair (Reversible if not used)	SF	3000	\$10	\$30,000	\$1,500.00	\$15,000.00	\$21,000.00	\$15,000.00	\$21,000.00
7	PCC Pavement/Slab Excavation (Reversible if not used)	CY	100	\$100	\$10,000	\$100.00	\$5,000.00	\$3,000.00	\$15,000.00	\$5,000.00
8	Sag Repair for HDPE SS	LF	295	\$260	\$76,700	\$56,050.00	\$59,000.00	\$59,000.00	\$88,500.00	\$66,375.00
9	HMA Surface Restoration Including 2" Mill per Detail 2/D-01	TGN	12	\$0	\$0	\$10,140.00	\$13,800.00	\$5,400.00	\$14,400.00	\$4,800.00
10	Bid Allowance for Districts Use	LS	1	\$200,000	\$200,000	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
11. Sanitary Sewer Improvements: PP-01, Baltus Lane										
11a	Remove and Replace or Construct New SSCO at Property Line	EA	5	\$1,100	\$5,500	\$5,000.00	\$2,500.00	\$4,000.00	\$1,500.00	\$6,000.00
11b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	5	\$860	\$4,300	\$5,500.00	\$2,500.00	\$1,750.00	\$2,500.00	\$10,000.00
11c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	3	\$2,100	\$6,300	\$1,500.00	\$1,500.00	\$9,000.00	\$3,000.00	\$6,000.00
11d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	1	\$2,500	\$2,500	\$750.00	\$1,000.00	\$3,500.00	\$1,500.00	\$2,000.00
11e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length > 25')	EA	1	\$3,700	\$3,700	\$1,000.00	\$2,500.00	\$4,000.00	\$1,800.00	\$2,000.00
11f	Pipe Burst Existing 4" with 6" SS	FT	218	\$220	\$47,960	\$46,870.00	\$34,880.00	\$42,510.00	\$43,600.00	\$45,780.00
11g	Abandon Existing 4" By Filling Pipe	FT	10	\$12	\$120	\$100.00	\$1,000.00	\$100.00	\$1,700.00	\$500.00
11h	Construct PCC Top Block at SSMH	EA	1	\$2,000	\$2,000	\$3,500.00	\$4,500.00	\$800.00	\$800.00	\$2,000.00
11i	Construct New SSMH	EA	1	\$8,200	\$8,200	\$7,500.00	\$8,500.00	\$6,500.00	\$5,000.00	\$11,500.00
11j	Remove Existing SSCO	EA	1	\$570	\$570	\$100.00	\$500.00	\$500.00	\$500.00	\$200.00
12. Sanitary Sewer Improvements: PP-02 to PP-04, Deer Hollow Rd										
12a	Remove and Replace or Construct New SSCO at Property Line	EA	18	\$1,100	\$19,800	\$14,400.00	\$9,000.00	\$14,400.00	\$7,200.00	\$9,000.00
12b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	18	\$860	\$15,480	\$21,600.00	\$9,000.00	\$7,200.00	\$14,400.00	\$54,000.00
12c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	5	\$2,100	\$10,500	\$4,000.00	\$2,500.00	\$15,000.00	\$7,500.00	\$5,000.00
12d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	7	\$2,500	\$17,500	\$7,700.00	\$7,000.00	\$24,500.00	\$14,000.00	\$7,000.00
12e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	4	\$2,900	\$11,600	\$5,000.00	\$6,000.00	\$15,200.00	\$10,000.00	\$4,000.00
12f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 20'-25')	EA	2	\$3,300	\$6,600	\$2,500.00	\$4,000.00	\$8,000.00	\$6,000.00	\$2,000.00
12g	Pipe Burst Existing 6" with 8" SS	FT	770	\$230	\$177,100	\$124,740.00	\$130,900.00	\$146,300.00	\$188,650.00	\$161,700.00
12h	Pipe Burst Existing 6" with 8" SS	FT	450	\$240	\$108,000	\$76,500.00	\$81,000.00	\$87,750.00	\$114,750.00	\$103,500.00
12i	Construct New SSMH	EA	1	\$8,200	\$8,200	\$8,000.00	\$8,500.00	\$6,500.00	\$9,000.00	\$11,500.00
12j	Rehabilitate Existing SSMH	EA	1	\$3,400	\$3,400	\$3,800.00	\$4,500.00	\$3,500.00	\$5,000.00	\$5,000.00
12k	Remove and Replace Existing SSCO/SSLH with New SSMH	EA	1	\$9,400	\$9,400	\$7,500.00	\$8,500.00	\$6,500.00	\$9,000.00	\$12,500.00
13. Sanitary Sewer Improvements: PP-05 to PP-11, The Alameda, Calatta Ave, Burkshire Ave, Varburg Terr										
13a	Remove and Replace or Construct New SSCO at Property Line	EA	39	\$1,100	\$42,900	\$35,100.00	\$19,500.00	\$31,200.00	\$11,700.00	\$19,500.00
13b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	39	\$860	\$33,540	\$42,900.00	\$19,500.00	\$13,650.00	\$19,500.00	\$117,000.00
13c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 0'-5')	EA	2	\$1,700	\$3,400	\$1,000.00	\$1,000.00	\$1,600.00	\$1,400.00	\$2,000.00
13d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	7	\$2,100	\$14,700	\$5,600.00	\$3,500.00	\$21,000.00	\$10,500.00	\$7,000.00
13e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	15	\$2,500	\$37,500	\$15,000.00	\$15,000.00	\$48,000.00	\$30,000.00	\$15,000.00
13f	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	7	\$2,900	\$20,300	\$8,400.00	\$10,500.00	\$24,500.00	\$15,400.00	\$7,000.00
13g	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 20'-25')	EA	4	\$3,300	\$13,200	\$4,800.00	\$8,000.00	\$15,200.00	\$10,000.00	\$4,000.00
13h	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length > 25')	EA	4	\$3,700	\$14,800	\$4,800.00	\$10,000.00	\$16,000.00	\$12,000.00	\$4,000.00
13i	Pipe Burst Existing 4" with 6" SS	FT	177	\$220	\$38,940	\$38,055.00	\$30,090.00	\$34,515.00	\$38,940.00	\$37,170.00
13j	Pipe Burst Existing 6" with 8" SS	FT	136	\$230	\$31,280	\$22,012.00	\$23,120.00	\$25,840.00	\$27,200.00	\$28,560.00
13k	Pipe Burst Existing 6" with 8" SS	FT	1729	\$240	\$414,960	\$293,930.00	\$311,220.00	\$337,155.00	\$440,895.00	\$397,670.00
13l	Remove and Replace Existing 6" SS With 8" SS by Open Trench	FT	40	\$360	\$14,400	\$9,600.00	\$16,000.00	\$10,000.00	\$20,000.00	\$20,000.00
13m	Abandon Existing 6" By Filling Pipe	FT	15	\$12	\$180	\$150.00	\$1,500.00	\$150.00	\$2,550.00	\$750.00
13n	Construct New SSMH	EA	1	\$8,200	\$8,200	\$8,000.00	\$8,500.00	\$6,500.00	\$8,000.00	\$11,500.00
13o	Remove and Replace Existing SSCO/SSLH with New SSMH	EA	3	\$9,400	\$28,200	\$23,100.00	\$25,500.00	\$21,000.00	\$24,000.00	\$37,500.00
13p	Remove Existing SSCO	EA	2	\$570	\$1,140	\$400.00	\$1,000.00	\$1,000.00	\$1,000.00	\$400.00
13q	Rehabilitate Existing SSMH	EA	3	\$3,400	\$10,200	\$11,400.00	\$13,500.00	\$10,500.00	\$15,000.00	\$15,000.00
14. Sanitary Sewer Improvements: PP-12, Vista Grande										
14a	Remove and Replace or Construct New SSCO at Property Line	EA	5	\$1,100	\$5,500	\$4,000.00	\$2,500.00	\$4,250.00	\$1,500.00	\$2,500.00
14b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	5	\$860	\$4,300	\$6,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$15,000.00
14c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 0'-5')	EA	1	\$1,700	\$1,700	\$800.00	\$500.00	\$2,500.00	\$800.00	\$1,000.00
14d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	4	\$2,100	\$8,400	\$1,200.00	\$2,000.00	\$12,000.00	\$4,000.00	\$4,000.00
14e	Pipe Burst Existing 6" with 8" SS	FT	527	\$230	\$121,210	\$85,901.00	\$89,590.00	\$100,130.00	\$105,400.00	\$110,670.00
14f	Construct PCC Top Block at SSMH	EA	1	\$2,000	\$2,000	\$3,800.00	\$4,500.00	\$800.00	\$800.00	\$2,000.00
14g	Remove and Replace Existing SSCO/SSLH with New SSMH	EA	1	\$9,400	\$9,400	\$7,500.00	\$8,500.00	\$6,500.00	\$6,000.00	\$12,500.00
15. Sanitary Sewer Improvements: PP-13, Wolfe Glen Way										
15a	Remove and Replace or Construct New SSCO at Property Line	EA	1	\$1,100	\$1,100	\$1,000.00	\$500.00	\$850.00	\$300.00	\$500.00
15b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	1	\$860	\$860	\$1,100.00	\$500.00	\$500.00	\$500.00	\$3,000.00
15c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length > 25')	EA	1	\$3,700	\$3,700	\$1,000.00	\$2,500.00	\$3,800.00	\$2,775.00	\$1,000.00
15d	Pipe Burst Existing 4" with 6" SS	FT	264	\$220	\$58,080	\$58,080.00	\$44,880.00	\$51,480.00	\$60,720.00	\$55,440.00
15e	Construct New SSMH	EA	1	\$8,200	\$8,200	\$7,800.00	\$8,500.00	\$6,500.00	\$8,000.00	\$11,500.00
16. Sanitary Sewer Improvements: PP-14, Oak Ave										
16a	Remove and Replace or Construct New SSCO at Property Line	EA	8	\$1,100	\$8,800	\$5,600.00	\$4,000.00	\$6,400.00	\$4,000.00	\$4,000.00
16b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	8	\$860	\$6,880	\$9,600.00	\$4,000.00	\$6,800.00	\$2,400.00	\$24,000.00
16c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	1	\$2,100	\$2,100	\$800.00	\$500.00	\$2,700.00	\$1,500.00	\$1,000.00
16d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	6	\$2,500	\$15,000	\$4,800.00	\$6,000.00	\$17,000.00	\$12,000.00	\$6,000.00
16e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	1	\$2,900	\$2,900	\$800.00	\$1,500.00	\$3,000.00	\$2,500.00	\$1,000.00
16f	Pipe Burst Existing 6" with 8" SS	FT	384	\$240	\$92,160	\$71,040.00	\$69,120.00	\$78,720.00	\$97,920.00	\$88,320.00
16g	Construct 8" SS by Open Trench	FT	20	\$360	\$7,200	\$5,600.00	\$8,000.00	\$5,000.00	\$10,000.00	\$10,000.00
16h	Construct New SSMH	EA	1	\$8,200	\$8,200	\$7,500.00	\$8,500.00	\$6,500.00	\$9,000.00	\$11,500.00
16i	Remove Existing SSCO	EA	2	\$570	\$1,140	\$1,000.00	\$500.00	\$800.00	\$1,000.00	\$400.00
17. Sanitary Sewer Improvements: PP-15 to 16, Wolfe Grade										
17a	Remove and Replace or Construct New SSCO at Property Line	EA	9	\$1,100	\$9,900	\$7,200.00	\$4,500.00	\$7,650.00	\$2,700.00	\$4,500.00
17b	Disconnect/Reconnect Sewer Lateral To Main for Pipe Bursting	EA	9	\$860	\$7,740	\$10,800.00	\$4,500.00	\$1,800.00	\$4,500.00	\$27,000.00
17c	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 5'-10')	EA	6	\$2,100	\$12,600	\$4,200.00	\$3,000.00	\$16,200.00	\$4,800.00	\$6,000.00
17d	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 10'-15')	EA	1	\$2,500	\$2,500	\$1,200.00	\$1,000.00	\$2,900.00	\$1,500.00	\$1,000.00
17e	Pipe Burst, Remove and Replace, or Construct New Sewer Lateral with New 4" SS (Length 15'-20')	EA	2	\$2,900	\$5,800	\$2,400.00	\$3,000.00	\$6,000.00	\$3,600.00	\$2,000.00
17f	Pipe Burst Existing 6" with 8" SS	FT	461	\$240	\$110,640	\$138,300.00	\$82,980.00	\$94,505.00	\$92,200.00	\$106,030.00
17g	Rehabilitate Existing SSMH	EA	1	\$3,400	\$3,400	\$3,800.00	\$4,500.00	\$3,500.00	\$5,	