

**ROSS VALLEY SANITARY DISTRICT
FY16/17 Gravity Sewer Improvement Project
Bid Tabulation
Bid Opening: February 6, 2018 2:00 pm**

RVSD Board scheduled to consider a recommendation to reject all bids at its meeting on Feb. 21, 2018 starting at 6 PM.

Item No.	Item Description	Unit	Estimated Quantity	Engineers Estimate		Ranger Pipelines	
				Unit Cost	Item Cost	Unit Cost	Item Cost
1	Mobilization and Demobilization	LS	1	\$210,000	\$210,000	\$565,000	\$565,000
2	Traffic Control	LS	1	\$330,000	\$330,000	\$418,000	\$418,000
3	Overexcavation and Special Pipe Foundation (Revocable if not used)	CY	10	\$250	\$2,500	\$360	\$3,600
4	Rock Excavation <20' Deep (Revocable if not used)	CY	30	\$500	\$15,000	\$750	\$22,500
5	Rock Excavation >20' Deep (Revocable if not used)	CY	10	\$1,500	\$15,000	\$925	\$9,250
6	Trench Sheet piling, Shoring and Bracing	LS	1	\$200,000	\$200,000	\$1,963,000	\$1,963,000
7	AC Surface Upheaval Repair (Revocable if not used)	SF	20	\$15	\$300	\$15	\$300
8	PCC Surface Upheaval Repair (Revocable if not used)	SF	20	\$30	\$600	\$45	\$900
9	HMA Surface Restoration Including 2" Mill Per Detail 2 on Sheet D-01	TON	630	\$220	\$138,600	\$261	\$164,430
10	6" Digout repair	SF	1,000	\$10	\$10,000	\$27	\$27,000
11	8" Digout repair	SF	9,000	\$10	\$90,000	\$32	\$288,000
12	Sag Repair for 24" ID (28" OD) HDPE SS	LF	10	\$600	\$6,000	\$1,100	\$11,000
13	Bid Allowance for Districts Use	LS	1	\$350,000	\$350,000	\$350,000	\$350,000
Subtotal: Misc					\$1,368,000		\$3,822,980
PP-01 to PP-12. Lower Butterfield/Meadowcroft							
14	Construct new 24" SS by Open Trench (up to 12' depth)	LF	155	\$600	\$93,000	\$1,580	\$244,900
15	Construct new 24" SS by Open Trench (12' to 20' depth)	LF	122	\$650	\$79,300	\$1,910	\$233,020
16	Construct new 18" SS by Open Trench (up to 12' depth)	LF	574	\$550	\$315,700	\$1,450	\$832,300
17	Construct new 18" SS by Open Trench (12' to 20' depth)	LF	145	\$600	\$87,000	\$1,840	\$266,800
18	Construct new 18" SS by Open Trench (>20' depth)	LF	213	\$800	\$170,400	\$2,200	\$468,600
19	Construct new 16" SS by Open Trench (up to 12' depth)	LF	720	\$520	\$374,400	\$1,370	\$986,400
20	Construct new 16" SS by Open Trench (12'-20' depth)	LF	285	\$550	\$156,750	\$1,757	\$500,745

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21	Construct new 16" SS by Open Trench (>20' depth)	LF	56	\$800	\$44,800	\$2,100	\$117,600
22	Construct new 12" SS by Open Trench (up to 12' depth)	LF	5	\$480	\$2,400	\$1,400	\$7,000
23	Construct new 8" SS by Open Trench (up to 12' depth)	LF	205	\$440	\$90,200	\$675	\$138,375
24	Construct new 8" SS by Open Trench (12'-20' depth)	LF	115	\$500	\$57,500	\$1,625	\$186,875
25	Construct new 8" SS by Open Trench (greater than 20' depth)	LF	10	\$600	\$6,000	\$1,830	\$18,300
26	Install new 18" SS by Pilot Tube Guided Boring (Including all pits)	LF	516	\$1,800	\$928,800	\$2,780	\$1,434,480
27	Remove and Replace Existing 6" SS with 8" SS by Open Trench	LF	25	\$450	\$11,250	\$535	\$13,375
28	Remove and Replace Existing 8" SS with 8" SS by Open Trench	LF	12	\$450	\$5,400	\$585	\$7,020
29	Pipe Burst Existing 18" SS with 24" SS	LF	351	\$400	\$140,400	\$1,752	\$614,952
30	Pipe Ream Existing 18" SS with 24"SS	LF	443	\$750	\$332,250	\$2,300	\$1,018,900
31	Rehabilitate Existing 6" Sanitary Sewer Mainline by CIPP Method (revocable if not Used)	LF	231	\$45	\$10,395	\$60	\$13,860
32	Slipline New 4" Lateral into Existing 8" SS	LF	34	\$80	\$2,720	\$180	\$6,120
33	Construct new SSMH (Depths <12')	EA	8	\$8,000	\$64,000	\$11,000	\$88,000
34	Construct new SSMH (12' <= Depths < 20')	EA	2	\$10,000	\$20,000	\$19,000	\$38,000
35	Construct new SSMH (Depths >= 20')	EA	3	\$12,000	\$36,000	\$24,000	\$72,000
36	Ground Stablization for Existing Utility	LF	10	\$150	\$1,500	\$500	\$5,000
37	Ground Stablization for Existing Manhole	EA	1	\$8,000	\$8,000	\$5,000	\$5,000
38	Remove and Replace Existing SSMH	EA	5	\$8,500	\$42,500	\$12,000	\$60,000
39	Remove and Replace Existing SSMH Frame and Cover	EA	8	\$1,200	\$9,600	\$1,100	\$8,800
40	Remove and Replace Monument	EA	3	\$3,100	\$9,300	\$500	\$1,500
41	PCC Pavement/Slab Excavation	CY	5	\$300	\$1,500	\$410	\$2,050
42	Remove and Replace PCC Curb and Gutter	LF	15	\$100	\$1,500	\$95	\$1,425
43	Remove and Replace PCC Sidewalk	SF	60	\$20	\$1,200	\$50	\$3,000

Item No.	Item Description	Unit	Estimated Quantity	Engineers Estimate		Ranger Pipelines	
				Unit Cost	Item Cost	Unit Cost	Item Cost
44	Remove and Replace Decorative Driveway in Kind	SF	1,340	\$25	\$33,500	\$55	\$73,700
45	Remove Existing Bus Stop, Place Temporary Pavement and Replace Bus Stop (revocable if not used)	LS	1	\$15,000	\$15,000	\$5,000	\$5,000
46	Abandon Existing 4" SS by Filling Pipe	LF	64	\$15	\$960	\$6	\$384
47	Abandon Existing 6" SS by Filling Pipe	LF	1,164	\$15	\$17,460	\$7	\$8,148
48	Abandon Existing 8" SS by Filling Pipe	LF	190	\$15	\$2,850	\$8	\$1,520
49	Abandon Existing 18" SS by Filling Pipe	LF	225	\$35	\$7,875	\$32	\$7,200
50	Abandon Existing SSMH	EA	7	\$1,600	\$11,200	\$1,500	\$10,500
51	Remove Existing SSCO	EA	1	\$550	\$550	\$300	\$300
52	Remove and Replace/Construct New Sewer Lateral by Open Trench with New 4"SS	LF	630	\$250	\$157,500	\$245	\$154,350
53	Remove and Replace/Construct New Sewer Lateral by Open Trench with New 6"SS	LF	10	\$300	\$3,000	\$275	\$2,750
54	Remove SSCO and Construct New SSMH	EA	1	\$10,000	\$10,000	\$11,000	\$11,000
55	Remove and Replace or Construct New SSCO	EA	27	\$1,200	\$32,400	\$675	\$18,225
Subtotal: Lower Butterfield/Meadowcroft					\$3,396,060		\$7,687,474
PP-14-17 Nokomis							
56	Construct New 18" SS by Open Trench	LF	260	\$550	\$143,000	\$1,178	\$306,280
57	Construct New 8" by Open Trench	LF	248	\$440	\$109,120	\$675	\$167,400
58	Remove Existing 6" or 18" SS and Construct new 8" SS by Open Trench	LF	91	\$460	\$41,860	\$790	\$71,890
59	Remove Existing 4" or 6" SS and Construct 18" SS by Open Trench	LF	356	\$570	\$202,920	\$1,215	\$432,540
60	Remove and Replace 18" SS by Open Trench	LF	20	\$600	\$12,000	\$1,100	\$22,000
61	Rehabilitate Existing 18" Sanitary Sewer mainline by CIPP Method (revocable if not used)	LF	347	\$200	\$69,400	\$90	\$31,230
62	Construct New SSMH	EA	4	\$8,000	\$32,000	\$11,000	\$44,000
63	Remove and Replace Existing SSMH Frame and Cover	EA	4	\$1,200	\$4,800	\$1,100	\$4,400
64	Remove and Replace PCC Curb and Gutter	LF	18	\$100	\$1,800	\$95	\$1,710
65	Remove and Replace Concrete Patio	SF	60	\$20	\$1,200	\$41	\$2,460

Item No.	Item Description	Unit	Estimated Quantity	Engineers Estimate		Ranger Pipelines	
				Unit Cost	Item Cost	Unit Cost	Item Cost
66	Remove and Replace Monument	EA	1	\$3,100	\$3,100	\$500	\$500
67	Abandon Existing 18" SS by Filling Pipe	LF	56	\$35	\$1,960	\$32	\$1,792
68	Abandon Existing 12" SS by Filling Pipe	LF	195	\$30	\$5,850	\$20	\$3,900
69	Abandon Existing 6" SS by Filling Pipe	LF	237	\$15	\$3,555	\$7	\$1,659
70	Remove Existing SSMH	EA	2	\$2,000	\$4,000	\$1,200	\$2,400
71	Remove Existing SSCO or SSLH	EA	1	\$550	\$550	\$300	\$300
72	Remove and Replace/Construct New Sewer Lateral by Open Trench with New 4"SS	LF	261	\$250	\$65,250	\$245	\$63,945
73	Remove and Replace or Construct New SSCO	EA	13	\$1,200	\$15,600	\$675	\$8,775
Subtotal Nokomis					\$717,965		\$1,167,181
TC-02. The Alameda Shoulder Widening							
74	Hot Mix Asphalt for Shoulder Widening (Revocable if not used)	TON	90	\$200	\$18,000	\$200	\$18,000
75	Remove and Replace PCC Driveway (Revocable if not used)	SF	1,250	\$40	\$50,000	\$30	\$37,500
76	Remove and Replace HMA Driveway (Revocable if not used)	SF	500	\$10	\$5,000	\$20	\$10,000
Subtotal The Alameda Shoulder Widening					\$73,000		\$65,500
Base Bid Total:					\$5,555,025		\$12,743,135