

MISCELLANEOUS RESERVOIR AND PUMP STATION IMPROVEMENTS
CITY PROJECT NO. 84200
BID SUMMARY
FOR 4/20/16 BID OPENING

Bid Item No.	Est. Qty/Unit	Engineer's Estimate		Minerva Construction, Inc.		Alta Engineering Group, Inc.		Aztec Consultants		Southwest Construction			
		Unit Price	Item Totals	Unit Price	Item Totals	Unit Price	Item Totals	Unit Price	Item Totals	Unit Price	Item Totals		
LOCATION 1 – Waste Water Treatment Plant - 1103 Airport Boulevard													
1	Mobilization/Demobilization	1	LS	\$ 20,000	\$ 20,000	\$ 15,000	\$ 15,000	\$ 12,500	\$ 12,500	\$ 22,400	\$ 22,400	\$ 6,500	\$ 6,500
1A	Construction Staking	1	LS	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 3,000	\$ 3,000	\$ 4,600	\$ 4,600	\$ 9,000	\$ 9,000
2	Excavation (Cut)	85	CY	\$ 80	\$ 6,800	\$ 45	\$ 3,825	\$ 205	\$ 17,425	\$ 80	\$ 6,800	\$ 102	\$ 8,670
3A	Export (Cut)- Non Hazardous	85	CY	\$ 50	\$ 4,250	\$ 45	\$ 3,825	\$ 55	\$ 4,675	\$ 65	\$ 5,525	\$ 94	\$ 7,990
3B	Export (Cut) – Hazardous	25	CY	\$ 250	\$ 6,250	\$ 100	\$ 2,500	\$ 400	\$ 10,000	\$ 120	\$ 3,000	\$ 260	\$ 6,500
4	6" AC Driveway	50	Tons	\$ 300	\$ 15,000	\$ 200	\$ 10,000	\$ 225	\$ 11,250	\$ 335	\$ 16,750	\$ 388	\$ 19,400
5	9" Concrete Slab	999	SF	\$ 20	\$ 19,980	\$ 20	\$ 19,980	\$ 31	\$ 30,969	\$ 29	\$ 28,971	\$ 18	\$ 17,982
6	6" AB Class 2	41	CY	\$ 100	\$ 4,100	\$ 80	\$ 3,280	\$ 170	\$ 6,970	\$ 200	\$ 8,200	\$ 222	\$ 9,102
7A	12" Concrete Wall	224	SF	\$ 50	\$ 11,200	\$ 85	\$ 19,040	\$ 73	\$ 16,352	\$ 83	\$ 18,592	\$ 73	\$ 16,352
7B	18" concrete Wall	135	SF	\$ 50	\$ 6,750	\$ 75	\$ 10,125	\$ 80	\$ 10,800	\$ 200	\$ 27,000	\$ 70	\$ 9,450
8	2'X2' Inlet	3	EA	\$ 1,500	\$ 4,500	\$ 950	\$ 2,850	\$ 950	\$ 2,850	\$ 1,650	\$ 4,950	\$ 700	\$ 2,100
9	3'X3' Inlet	1	EA	\$ 2,200	\$ 2,200	\$ 1,200	\$ 1,200	\$ 1,450	\$ 1,450	\$ 3,500	\$ 3,500	\$ 800	\$ 800
10	8" PVC SD	51	LF	\$ 19	\$ 969	\$ 100	\$ 5,100	\$ 127	\$ 6,477	\$ 150	\$ 7,650	\$ 55	\$ 2,805
11	1" Water Line	25	LF	\$ 5	\$ 125	\$ 160	\$ 4,000	\$ 135	\$ 3,375	\$ 275	\$ 6,875	\$ 27	\$ 675
12	Trench Drain	27	LF	\$ 104	\$ 2,808	\$ 150	\$ 4,050	\$ 300	\$ 8,100	\$ 250	\$ 6,750	\$ 256	\$ 6,912
13	AC Berm	19	LF	\$ 4	\$ 76	\$ 25	\$ 475	\$ 50	\$ 950	\$ 40	\$ 760	\$ 58	\$ 1,102
DIVISION 16 WORK													
14	Electrical Work (Division 16)	1	LS	\$ 16,000	\$ 16,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 13,700	\$ 13,700	\$ 11,000	\$ 11,000
Location 1 Subtotal:				\$ 126,008		\$ 130,250		\$ 167,143		\$ 186,023		\$ 136,340	
LOCATION 2 – Hillside Reservoir – 2832 Hillside Drive													
1	Mobilization / Demobilization	1	LS	\$ 30,000	\$ 30,000	\$ 65,000	\$ 65,000	\$ 20,000	\$ 20,000	\$ 11,800	\$ 11,800	\$ 17,000	\$ 17,000
1A	San Mateo County Permit	1	LS	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 2,500	\$ 6,000	\$ 6,000	\$ 2,500	\$ 2,500
1B	Construction Staking	1	LS	\$ 10,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ 7,500	\$ 7,500	\$ 6,000	\$ 6,000	\$ 10,000	\$ 10,000
2	Excavation (Cut)	710	CY	\$ 40	\$ 28,400	\$ 25	\$ 17,750	\$ 102	\$ 72,420	\$ 43	\$ 30,530	\$ 103	\$ 73,130
2A	Export (Cut) - Nonhazardous	710	CY	\$ 50	\$ 35,500	\$ 45	\$ 31,950	\$ 55	\$ 39,050	\$ 65	\$ 46,150	\$ 145	\$ 102,950
2B	Export (Cut) - Hazardous	25	CY	\$ 250	\$ 6,250	\$ 100	\$ 2,500	\$ 400	\$ 10,000	\$ 300	\$ 7,500	\$ 404	\$ 10,100
3	2" AC on 4" AB Class 2 Walkway	360	SF	\$ 7	\$ 2,340	\$ 5	\$ 1,800	\$ 17	\$ 6,120	\$ 14	\$ 5,040	\$ 17.50	\$ 6,300
4	Retaining Wall	336	SF	\$ 150	\$ 50,400	\$ 115	\$ 38,640	\$ 100	\$ 33,600	\$ 216	\$ 72,576	\$ 194	\$ 65,184
5	Pump Control House	1	EA	\$ 60,000	\$ 60,000	\$ 50,000	\$ 50,000	\$ 78,000	\$ 78,000	\$ 104,000	\$ 104,000	\$ 113,000	\$ 113,000
6	Water Valve Adjustment	1	EA	\$ 500	\$ 500	\$ 300	\$ 300	\$ 500	\$ 500	\$ 1,500	\$ 1,500	\$ 3,000	\$ 3,000
7	Erosion Control Measures	1	LS	\$ 6,000	\$ 6,000	\$ 10,000	\$ 10,000	\$ 7,500	\$ 7,500	\$ 16,000	\$ 16,000	\$ 11,600	\$ 11,600
8	3" AC over 6" AB Driveway Replacement	420	SF	\$ 5	\$ 2,100	\$ 5	\$ 2,100	\$ 24	\$ 10,080	\$ 14	\$ 5,880	\$ 14	\$ 5,880
9	Demolition: Retaining wall, driveway, sidewalk, concrete slab, pump control house	1	LS	\$ 22,000	\$ 22,000	\$ 30,000	\$ 30,000	\$ 18,500	\$ 18,500	\$ 22,000	\$ 22,000	\$ 13,400	\$ 13,400
10	Remove chain link Fence	78	LF	\$ 4	\$ 312	\$ 10	\$ 780	\$ 13	\$ 1,014	\$ 23	\$ 1,794	\$ 32	\$ 2,496
11	Install chain link Fence	78	LF	\$ 6	\$ 468	\$ 45	\$ 3,510	\$ 70	\$ 5,460	\$ 76	\$ 5,928	\$ 90	\$ 7,020
12	Install cable railing	53	LF	\$ 30	\$ 1,590	\$ 100	\$ 5,300	\$ 95	\$ 5,035	\$ 89	\$ 4,717	\$ 113	\$ 5,989
13	Cobble Rock Energy Dissipater (CED)	5	EA	\$ 500	\$ 2,500	\$ 750	\$ 3,750	\$ 500	\$ 2,500	\$ 3,000	\$ 15,000	\$ 760	\$ 3,800
14	Weep hole	5	EA	\$ 25	\$ 125	\$ 65	\$ 325	\$ 50	\$ 250	\$ 400	\$ 2,000	\$ 300	\$ 1,500
15	Grassy Swale	120	LF	\$ 3	\$ 360	\$ 2	\$ 240	\$ 15	\$ 1,800	\$ 50	\$ 6,000	\$ 62.50	\$ 7,500
16	Reservoir Opening Closure	1	LS	\$ 1,000	\$ 1,000	\$ 15,000	\$ 15,000	\$ 3,500	\$ 3,500	\$ 3,000	\$ 3,000	\$ 2,000	\$ 2,000
17	Removable Metal Barrier Posts	2	EA	\$ 1,000	\$ 2,000	\$ 1,000	\$ 2,000	\$ 1,200	\$ 2,400	\$ 1,500	\$ 3,000	\$ 1,200	\$ 2,400
18	Copper Instrument Piping	100	LF	\$ 15	\$ 1,500	\$ 50	\$ 5,000	\$ 40	\$ 4,000	\$ 58	\$ 5,800	\$ 75	\$ 7,500
Division 16 Work													
19	Electrical Service Cabinet with ATS switch and soft starters	1	LS	\$ 80,000	\$ 80,000	\$ 100,000	\$ 100,000	\$ 100,180	\$ 100,180	\$ 106,000	\$ 106,000	\$ 103,500	\$ 103,500
20	Electrical Work Division 16)	1	LS	\$ 180,000	\$ 180,000	\$ 113,800	\$ 113,800	\$ 165,500	\$ 165,500	\$ 177,000	\$ 177,000	\$ 155,250	\$ 155,250
Division 17 Work													
21	Instrumentation and Control	1	LS	\$ 35,000	\$ 35,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 18,000	\$ 18,000	\$ 55,000	\$ 55,000
Location 2 Subtotal:				\$ 560,845		\$ 527,245		\$ 617,409		\$ 683,215		\$ 787,999	
TOTAL BASE BID (Locatio 1 and 2) :				\$ 686,853		\$ 657,495		\$ 784,552		\$ 869,238		\$ 924,339	

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	BID ALTERNATE A – Donnelly Pump Station – 2817 Rivera Drive												
1	Mobilization/Demobilization	1	LS	\$ 4,000	\$ 4,000	\$ 4,500	\$ 4,500	\$ 2,000	\$ 2,000	\$ 3,000	\$ 3,000	\$ 4,500	\$ 4,500
1A	Construction Staking	1	LS	\$ 3,000	\$ 3,000	\$ 2,000	\$ 2,000	\$ 1,500	\$ 1,500	\$ 1,700	\$ 1,700	\$ 2,600	\$ 2,600
2	Concrete Generator Pad	1	LS	\$ 12,000	\$ 12,000	\$ 20,000	\$ 20,000	\$ 19,000	\$ 19,000	\$ 22,000	\$ 22,000	\$ 11,500	\$ 11,500
	Bid Alternate A Subtotal:			\$ 19,000		\$ 26,500		\$ 22,500		\$ 26,700		\$ 18,600	
	BID ALTERNATE B – Skyview Reservoir – 1321 Skyview Drive												
1	Mobilization/Demobilization	1	LS	\$ 6,000	\$ 6,000	\$ 25,000	\$ 25,000	\$ 12,500	\$ 12,500	\$ 6,500	\$ 6,500	\$ 7,000	\$ 7,000
1A	Construction Staking	1	LS	\$ 3,000	\$ 3,000	\$ 2,000	\$ 2,000	\$ 3,500	\$ 3,500	\$ 3,000	\$ 3,000	\$ 4,000	\$ 4,000
2	Excavation (Cut)	42	CY	\$ 7	\$ 294	\$ 80	\$ 3,360	\$ 125	\$ 5,250	\$ 50	\$ 2,100	\$ 312	\$ 13,104
2A	Export (Cut) - Nonhazardous	42	CY	\$ 50	\$ 2,100	\$ 45	\$ 1,890	\$ 55	\$ 2,310	\$ 85	\$ 3,570	\$ 143	\$ 6,006
3	Embankment (Fill)	1	CY	\$ 10	\$ 10	\$ 100	\$ 100	\$ 350	\$ 350	\$ 1,250	\$ 1,250	\$ 1,200	\$ 1,200
4	Remove 4' High Wood Retaining Wall	780	SF	\$ 5	\$ 3,900	\$ 10	\$ 7,800	\$ 7	\$ 5,460	\$ 10	\$ 7,800	\$ 32	\$ 24,960
5	4' High Retaining Wall	780	SF	\$ 50	\$ 39,000	\$ 90	\$ 70,200	\$ 70	\$ 54,600	\$ 79	\$ 61,620	\$ 93	\$ 72,540
6	Weep holes	8	CY	\$ 25	\$ 200	\$ 50	\$ 400	\$ 50	\$ 400	\$ 300	\$ 2,400	\$ 312.50	\$ 2,500
7	Traffic Control	1	SF	\$ 2,000	\$ 2,000	\$ 4,000	\$ 4,000	\$ 3,500	\$ 3,500	\$ 7,500	\$ 7,500	\$ 9,000	\$ 9,000
8	4" Concrete sidewalk	880	SF	\$ 7	\$ 5,720	\$ 15	\$ 13,200	\$ 14	\$ 12,320	\$ 14	\$ 12,320	\$ 40	\$ 35,200
9	Allan Block Wall	260	EA	\$ 15	\$ 3,900	\$ 25	\$ 6,500	\$ 80	\$ 20,800	\$ 84	\$ 21,840	\$ 46	\$ 11,960
10	Remove Curb and Gutter	176	EA	\$ 7	\$ 1,232	\$ 15	\$ 2,640	\$ 25	\$ 4,400	\$ 37	\$ 6,512	\$ 27	\$ 4,752
11	Curb and Gutter	176	LF	\$ 45	\$ 7,920	\$ 45	\$ 7,920	\$ 52	\$ 9,152	\$ 43	\$ 7,568	\$ 85	\$ 14,960
12	Sawcut	176	LF	\$ 3	\$ 581	\$ 5	\$ 880	\$ 5	\$ 880	\$ 18	\$ 3,168	\$ 7	\$ 1,232
13	Asphalt Concrete	8	Ton	\$ 400	\$ 3,200	\$ 450	\$ 3,600	\$ 500	\$ 4,000	\$ 800	\$ 6,400	\$ 950	\$ 7,600
	Bid Alternate B Subtotal:			\$ 79,057		\$ 149,490		\$ 139,422		\$ 153,548		\$ 216,014	