

Kennewick Irrigation District
Red Mountain South LID
Kiona Intake and Pump Station, Phases 2, 3, and 4
Engineer's Estimate and Bid Tabulation
Date 05/14/13

Apparent Low

Other Bidders

Item	Description	Units	Quantity	Engineers Estimate		Pacific Crest Construction, Inc.		McClure and Sons Inc.		Apollo, Inc		Rotschy Inc		TEK Construction, Inc.		IMCO General Construction, Inc.	
				Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended	Unit Price	Extended
1	Mobilization/Demobilization and Site Clean-up (Max. 6% of Bid Total)	LS	1	\$ 142,000	\$ 142,000	\$ 250,000.00	\$ 250,000.00	\$ 220,000.00	\$ 220,000.00	\$ 300,000.00	\$ 300,000.00	\$ 200,000.00	\$ 200,000.00	\$ 346,483.58	\$ 346,483.58	\$ 379,000.00	\$ 379,000.00
2	Trench Safety and Shoring Design, Construction, and Maintenance	LS	1	\$ 74,000	\$ 74,000	\$ 50,000.00	\$ 50,000.00	\$ 10,000.00	\$ 10,000.00	\$ 1.00	\$ 1.00	\$ 224,500.00	\$ 224,500.00	\$ 1,090.00	\$ 1,090.00	\$ 38,000.00	\$ 38,000.00
3	Construction Survey and Staking	LS	1	\$ 13,000	\$ 13,000	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 15,000.00	\$ 15,000.00	\$ 17,000.00	\$ 17,000.00	\$ 19,488.00	\$ 19,488.00	\$ 36,000.00	\$ 36,000.00
4	As-built Surveying and Construction Records	LS	1	\$ 11,000	\$ 11,000	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 1,792.00	\$ 1,792.00	\$ 2,700.00	\$ 2,700.00
5	Testing, Startup, Training, and O&M Manuals (Min. \$10,000)	LS	1	\$ 10,000	\$ 10,000	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 16,600.00	\$ 16,600.00	\$ 11,200.00	\$ 11,200.00	\$ 10,000.00	\$ 10,000.00
6	Force Account	FA	1	\$ 100,000	\$ 100,000	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
7	Traffic Control	LS	1	\$ 25,000	\$ 25,000	\$ 12,000.00	\$ 12,000.00	\$ 18,000.00	\$ 18,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,500.00	\$ 7,500.00	\$ 32,700.00	\$ 32,700.00	\$ 47,000.00	\$ 47,000.00
8	Temporary Erosion and Sedimentation Control	LS	1	\$ 17,000	\$ 17,000	\$ 26,000.00	\$ 26,000.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 32,700.00	\$ 32,700.00	\$ 16,000.00	\$ 16,000.00
9	Cofferdam and Dewatering	LS	1	\$ 227,000	\$ 227,000	\$ 72,000.00	\$ 72,000.00	\$ 100,000.00	\$ 100,000.00	\$ 369,000.00	\$ 369,000.00	\$ 179,000.00	\$ 179,000.00	\$ 267,050.00	\$ 267,050.00	\$ 192,000.00	\$ 192,000.00
10	Intake Structure Site Work and Utilities	LS	1	\$ 215,000	\$ 215,000	\$ 190,000.00	\$ 190,000.00	\$ 150,000.00	\$ 150,000.00	\$ 498,000.00	\$ 498,000.00	\$ 38,000.00	\$ 38,000.00	\$ 67,580.00	\$ 67,580.00	\$ 32,000.00	\$ 32,000.00
11	Pump Station Site Work and Utilities	LS	1	\$ 275,000	\$ 275,000	\$ 500,000.00	\$ 500,000.00	\$ 250,000.00	\$ 250,000.00	\$ 187,000.00	\$ 187,000.00	\$ 396,800.00	\$ 396,800.00	\$ 669,107.04	\$ 669,107.04	\$ 395,000.00	\$ 395,000.00
12	Landscaping and Restoration	LS	1	\$ 23,000	\$ 23,000	\$ 29,000.00	\$ 29,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 40,000.00	\$ 40,000.00	\$ 32,700.00	\$ 32,700.00	\$ 12,000.00	\$ 12,000.00
13	Major Excavation for Structures	CY	7000	\$ 18.00	\$ 126,000	\$ 9.25	\$ 64,750.00	\$ 18.00	\$ 126,000.00	\$ 20.45	\$ 143,150.00	\$ 25.00	\$ 175,000.00	\$ 19.62	\$ 137,340.00	\$ 24.00	\$ 168,000.00
14	Major Excavation for Roads and Building Pad	CY	5000	\$ 18.00	\$ 90,000	\$ 9.25	\$ 46,250.00	\$ 18.00	\$ 90,000.00	\$ 18.25	\$ 91,250.00	\$ 15.00	\$ 75,000.00	\$ 19.62	\$ 98,100.00	\$ 24.00	\$ 120,000.00
15	Unscheduled Excavation	CY	750	\$ 20.00	\$ 15,000	\$ 5.00	\$ 3,750.00	\$ 40.00	\$ 30,000.00	\$ 18.45	\$ 13,837.50	\$ 15.00	\$ 11,250.00	\$ 32.70	\$ 24,525.00	\$ 22.00	\$ 16,500.00
16	Rock Blasting	LF	5000	\$ 10.00	\$ 50,000	\$ 12.00	\$ 60,000.00	\$ 25.00	\$ 125,000.00	\$ 13.65	\$ 68,250.00	\$ 32.00	\$ 160,000.00	\$ 23.98	\$ 119,900.00	\$ 27.00	\$ 135,000.00
17	Geotextile Fabric (for Soil Separation)	SY	250	\$ 5.00	\$ 1,250	\$ 4.80	\$ 1,200.00	\$ 8.00	\$ 2,000.00	\$ 2.85	\$ 712.50	\$ 3.00	\$ 750.00	\$ 3.27	\$ 817.50	\$ 6.00	\$ 1,500.00
18	Backfill for Major Structures and Trenches	TON	9000	\$ 14.00	\$ 126,000	\$ 16.00	\$ 144,000.00	\$ 16.00	\$ 144,000.00	\$ 16.15	\$ 145,350.00	\$ 18.00	\$ 162,000.00	\$ 19.62	\$ 176,580.00	\$ 22.00	\$ 198,000.00
19	HMA Pavement	TN	550	\$ 95.00	\$ 52,250	\$ 82.00	\$ 45,100.00	\$ 90.00	\$ 49,500.00	\$ 84.50	\$ 46,475.00	\$ 84.00	\$ 46,200.00	\$ 92.65	\$ 50,957.50	\$ 90.00	\$ 49,500.00
20	Cement Concrete Pavement	CY	80	\$ 400.00	\$ 32,000	\$ 275.00	\$ 22,000.00	\$ 320.00	\$ 25,600.00	\$ 445.00	\$ 35,600.00	\$ 335.00	\$ 26,800.00	\$ 337.90	\$ 27,032.00	\$ 420.00	\$ 33,600.00
21	Crushed Surfacing	TN	1300	\$ 20.00	\$ 26,000	\$ 17.00	\$ 22,100.00	\$ 16.00	\$ 20,800.00	\$ 15.00	\$ 19,500.00	\$ 21.50	\$ 27,950.00	\$ 22.89	\$ 29,757.00	\$ 21.00	\$ 27,300.00
22	Rock Stabilization - Scaling and Removal	DW-Hrs	24	\$ 400.00	\$ 9,600	\$ 610.00	\$ 14,640.00	\$ 400.00	\$ 9,600.00	\$ 630.00	\$ 15,120.00	\$ 400.00	\$ 9,600.00	\$ 327.00	\$ 7,848.00	\$ 195.00	\$ 4,680.00
23	Rock Stabilization - Wire Mesh Drapery	DW-SF	5000	\$ 6.00	\$ 30,000	\$ 5.60	\$ 28,000.00	\$ 7.00	\$ 35,000.00	\$ 5.75	\$ 28,750.00	\$ 5.65	\$ 28,250.00	\$ 6.54	\$ 32,700.00	\$ 4.00	\$ 20,000.00
24	Riprap	TN	650	\$ 30.00	\$ 19,500	\$ 40.00	\$ 26,000.00	\$ 46.00	\$ 29,900.00	\$ 39.00	\$ 25,350.00	\$ 54.00	\$ 35,100.00	\$ 41.42	\$ 26,923.00	\$ 30.00	\$ 19,500.00
25	Stream Simulation Rock	TN	150	\$ 30.00	\$ 4,500	\$ 35.00	\$ 5,250.00	\$ 60.00	\$ 9,000.00	\$ 24.25	\$ 3,637.50	\$ 30.00	\$ 4,500.00	\$ 34.88	\$ 5,232.00	\$ 36.00	\$ 5,400.00
26	Structural Earth Walls	SF	5000	\$ 26.00	\$ 130,000	\$ 28.00	\$ 140,000.00	\$ 28.00	\$ 140,000.00	\$ 30.00	\$ 150,000.00	\$ 25.00	\$ 125,000.00	\$ 35.97	\$ 179,850.00	\$ 49.00	\$ 245,000.00
26A	Soil Nail Anchorage for Structural Earth Walls	DW-EA	90	\$ 400.00	\$ 36,000	\$ 220.00	\$ 19,800.00	\$ 100.00	\$ 9,000.00	\$ 275.00	\$ 24,750.00	\$ 2,800.00	\$ 252,000.00	\$ 218.00	\$ 19,620.00	\$ 1,405.00	\$ 126,450.00
27	Intake Structure	LS	1	\$ 302,000	\$ 302,000	\$ 550,000.00	\$ 550,000.00	\$ 190,000.00	\$ 190,000.00	\$ 339,000.00	\$ 339,000.00	\$ 286,530.00	\$ 286,530.00	\$ 395,643.08	\$ 395,643.08	\$ 946,000.00	\$ 946,000.00
28	Intake Tower	LS	1	\$ 104,000	\$ 104,000	\$ 90,000.00	\$ 90,000.00	\$ 80,000.00	\$ 80,000.00	\$ 79,000.00	\$ 79,000.00	\$ 90,000.00	\$ 90,000.00	\$ 116,765.60	\$ 116,765.60	\$ 134,000.00	\$ 134,000.00
29	Backwash Storage Tank	LS	1	\$ 161,000	\$ 161,000	\$ 170,000.00	\$ 170,000.00	\$ 120,000.00	\$ 120,000.00	\$ 143,000.00	\$ 143,000.00	\$ 177,000.00	\$ 177,000.00	\$ 206,775.52	\$ 206,775.52	\$ 156,000.00	\$ 156,000.00
30	Pump Station Structure	LS	1	\$ 264,000	\$ 264,000	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00	\$ 222,000.00	\$ 222,000.00	\$ 180,000.00	\$ 180,000.00	\$ 362,059.04	\$ 362,059.04	\$ 233,000.00	\$ 233,000.00
31	Pump Station Mechanical	LS	1	\$ 288,000	\$ 288,000	\$ 230,000.00	\$ 230,000.00	\$ 800,000.00	\$ 800,000.00	\$ 280,000.00	\$ 280,000.00	\$ 200,000.00	\$ 200,000.00	\$ 264,032.16	\$ 264,032.16	\$ 300,000.00	\$ 300,000.00
32	Major Equipment	LS	1	\$ 1,170,000	\$ 1,170,000	\$ 1,000,000.00	\$ 1,000,000.00	\$ 1,210,000.00	\$ 1,210,000.00	\$ 1,230,000.00	\$ 1,230,000.00	\$ 1,312,000.00	\$ 1,312,000.00	\$ 1,356,883.36	\$ 1,356,883.36	\$ 1,263,000.00	\$ 1,263,000.00
33	Finishes	LS	1	\$ 108,000	\$ 108,000	\$ 54,000.00	\$ 54,000.00	\$ 60,000.00	\$ 60,000.00	\$ 55,000.00	\$ 55,000.00	\$ 49,300.00	\$ 49,300.00	\$ 53,588.64	\$ 53,588.64	\$ 45,000.00	\$ 45,000.00
34	Electrical	LS	1	\$ 540,000	\$ 540,000	\$ 440,000.00	\$ 440,000.00	\$ 467,421.00	\$ 467,421.00	\$ 493,000.00	\$ 493,000.00	\$ 607,000.00	\$ 607,000.00	\$ 508,556.16	\$ 508,556.16	\$ 696,000.00	\$ 696,000.00
35	Telemetry and Automatic Control	LS	1	\$ 148,000	\$ 148,000	\$ 138,000.00	\$ 138,000.00	\$ 180,000.00	\$ 180,000.00	\$ 142,000.00	\$ 142,000.00	\$ 124,000.00	\$ 124,000.00	\$ 105,280.00	\$ 105,280.00	\$ 124,000.00	\$ 124,000.00
SUBTOTAL (ITEMS 1 TO 35)					\$ 4,965,100.00	-2.7%	\$ 4,831,340.00	3.4%	\$ 5,135,821.00	7.2%	\$ 5,320,733.50	9.0%	\$ 5,411,130.00	18.6%	\$ 5,888,656.18	27.4%	\$ 6,327,130.00