Name of contract: Camp Pendleton Water and Sewer Extension
Project Number: PUCN-18-0105

				Engineer's Estimate		Precision Pipe, Inc.		SHAW Construction Corp.		Inlet Construction, Inc.		T.A. Sheets General Contractor, Inc.		M.M. Gunter & Son, Inc.		Tidewater Utility Construction, Inc		Average Cost	Median Cost	Minimum Cost	Maximum Cost
Item No	Item Description	Unit	Est. Quantity	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost				
1	Pump Station Complete	LS	1	$ 200,000.00	$ 200,000.00	$ 258,000.00	$ 258,000.00	$ 185,166.00	$ 185,166.00	$ 125,680.00	$ 125,680.00	$ 200,000.00	$ 200,000.00	$ 294,720.00	$ 294,720.00	$ 382,500.00	$ 382,500.00	$ 241,011.00	$ 229,000.00	$ 125,680.00	$ 382,500.00
2	6" Dual Meter Assembly & Vault	LS	1	$ 75,000.00	$ 75,000.00	$ 118,500.00	$ 118,500.00	$ 119,500.00	$ 119,500.00	$ 75,000.00	$ 75,000.00	$ 71,000.00	$ 71,000.00	$ 240,510.00	$ 240,510.00	$ 202,500.00	$ 202,500.00	$ 137,835.00	$ 119,000.00	$ 71,000.00	$ 240,510.00
3	10" RPZ Backflow Preventer & Enclosure with Pad	EA	1	$ 40,000.00	$ 40,000.00	$ 39,500.00	$ 39,500.00	$ 40,630.00	$ 40,630.00	$ 30,000.00	$ 30,000.00	$ 31,000.00	$ 31,000.00	$ 41,028.00	$ 41,028.00	$ 27,275.00	$ 27,275.00	$ 34,905.50	$ 35,250.00	$ 27,275.00	$ 41,028.00
4	8-inch PVC SDR 26 Gravity Sewer (0-6')	LF	625	$ 150.00	$ 93,750.00	$ 65.00	$ 40,625.00	$ 100.00	$ 62,500.00	$ 98.00	$ 61,250.00	$ 140.00	$ 87,500.00	$ 64.00	$ 40,000.00	$ 131.95	$ 82,468.75	$ 99.83	$ 99.00	$ 64.00	$ 140.00
5	8-inch PVC SDR 26 Gravity Sewer (6-12')	LF	791	$ 175.00	$ 138,425.00	$ 96.00	$ 75,936.00	$ 118.00	$ 93,338.00	$ 120.00	$ 94,920.00	$ 200.00	$ 158,200.00	$ 107.00	$ 84,637.00	$ 182.30	$ 144,199.30	$ 137.22	$ 119.00	$ 96.00	$ 200.00
6	Lateral Service Connections (4" SDR 26 PVC)	EA	4	$ 1,750.00	$ 7,000.00	$ 1,600.00	$ 6,400.00	$ 1,076.00	$ 4,304.00	$ 5,000.00	$ 20,000.00	$ 4,000.00	$ 16,000.00	$ 1,809.00	$ 7,236.00	$ 3,112.50	$ 12,450.00	$ 2,766.25	$ 2,460.75	$ 1,076.00	$ 5,000.00
7	Clean-out	EA	4	$ 500.00	$ 2,000.00	$ 280.00	$ 1,120.00	$ 646.00	$ 2,584.00	$ 1,000.00	$ 4,000.00	$ 500.00	$ 2,000.00	$ 1,287.50	$ 5,150.00	$ 297.50	$ 1,190.00	$ 668.50	$ 573.00	$ 280.00	$ 1,287.50
8	Precast Manhole	VF	44	$ 1,000.00	$ 44,000.00	$ 705.00	$ 31,020.00	$ 682.00	$ 30,008.00	$ 900.00	$ 39,600.00	$ 800.00	$ 35,200.00	$ 841.50	$ 37,026.00	$ 795.00	$ 34,980.00	$ 787.25	$ 797.50	$ 682.00	$ 900.00
9	Manhole Frame and Cover	EA	7	$ 1,000.00	$ 7,000.00	$ 460.00	$ 3,220.00	$ 620.00	$ 4,340.00	$ 475.00	$ 3,325.00	$ 800.00	$ 5,600.00	$ 412.00	$ 2,884.00	$ 1,155.00	$ 8,085.00	$ 653.67	$ 547.50	$ 412.00	$ 1,155.00
10	Manhole Insert	EA	7	$ 750.00	$ 5,250.00	$ 300.00	$ 2,100.00	$ 254.00	$ 1,778.00	$ 175.00	$ 1,225.00	$ 600.00	$ 4,200.00	$ 312.00	$ 2,184.00	$ 180.00	$ 1,260.00	$ 303.50	$ 277.00	$ 175.00	$ 600.00
11	2" PVC Schedule 40 Force Main	LF	1617	$ 50.00	$ 80,850.00	$ 8.85	$ 14,310.45	$ 39.00	$ 63,063.00	$ 40.00	$ 64,680.00	$ 60.00	$ 97,020.00	$ 61.00	$ 98,637.00	$ 69.45	$ 112,300.65	$ 46.38	$ 50.00	$ 8.85	$ 69.45
12	Air Vent Assembly (2" on SSFM) with Valve Box	EA	2	$ 1,500.00	$ 3,000.00	$ 1,400.00	$ 2,800.00	$ 2,109.00	$ 4,218.00	$ 2,000.00	$ 4,000.00	$ 1,600.00	$ 3,200.00	$ 2,000.00	$ 4,000.00	$ 1,707.50	$ 3,415.00	$ 1,802.75	$ 1,853.75	$ 1,400.00	$ 2,109.00
13	Air Vent Assembly (2" on Water Main) with Valve Box	EA	2	$ 2,500.00	$ 5,000.00	$ 1,700.00	$ 3,400.00	$ 2,272.00	$ 4,544.00	$ 2,000.00	$ 4,000.00	$ 1,600.00	$ 3,200.00	$ 2,400.00	$ 4,800.00	$ 1,707.50	$ 3,415.00	$ 1,946.58	$ 1,853.75	$ 1,600.00	$ 2,400.00
14	8" DIP Water Main	LF	1327	$ 120.00	$ 159,240.00	$ 55.00	$ 72,985.00	$ 69.00	$ 91,563.00	$ 92.00	$ 122,084.00	$ 130.00	$ 172,510.00	$ 108.00	$ 143,316.00	$ 96.25	$ 127,723.75	$ 91.71	$ 94.13	$ 55.00	$ 130.00
15	10" DIP Water Main with V-BIO Poly Wrap	LF	905	$ 160.00	$ 144,800.00	$ 85.50	$ 77,377.50	$ 84.00	$ 76,020.00	$ 115.00	$ 104,075.00	$ 140.00	$ 126,700.00	$ 126.00	$ 114,030.00	$ 107.25	$ 97,061.25	$ 109.63	$ 111.13	$ 84.00	$ 140.00
16	2 1/2" Type K Copper Water Service	LF	5	$ 100.00	$ 500.00	$ 116.50	$ 582.50	$ 319.00	$ 1,595.00	$ 750.00	$ 3,750.00	$ 200.00	$ 1,000.00	$ 195.00	$ 975.00	$ 328.25	$ 1,641.25	$ 318.13	$ 259.50	$ 116.50	$ 750.00
17	2 1/2" Curb Stop Valve with Valve Box	EA	1	$ 250.00	$ 250.00	$ 885.00	$ 885.00	$ 887.00	$ 887.00	$ 3,500.00	$ 3,500.00	$ 500.00	$ 500.00	$ 1,670.00	$ 1,670.00	$ 1,237.50	$ 1,237.50	$ 1,446.58	$ 1,062.25	$ 500.00	$ 3,500.00
18	8" Gate Valve with Valve Box	EA	5	$ 3,000.00	$ 15,000.00	$ 1,425.00	$ 7,125.00	$ 1,508.00	$ 7,540.00	$ 1,350.00	$ 6,750.00	$ 1,600.00	$ 8,000.00	$ 1,793.50	$ 8,967.50	$ 2,101.25	$ 10,506.25	$ 1,629.63	$ 1,554.00	$ 1,350.00	$ 2,101.25
19	6" Gate Valve with Valve Box	EA	9	$ 2,000.00	$ 18,000.00	$ 960.00	$ 8,640.00	$ 950.00	$ 8,550.00	$ 1,200.00	$ 10,800.00	$ 1,400.00	$ 12,600.00	$ 1,487.50	$ 13,387.50	$ 1,458.75	$ 13,128.75	$ 1,242.71	$ 1,300.00	$ 950.00	$ 1,487.50
20	Fire Hydrant	EA	5	$ 6,200.00	$ 31,000.00	$ 3,460.00	$ 17,300.00	$ 3,165.00	$ 15,825.00	$ 5,000.00	$ 25,000.00	$ 5,000.00	$ 25,000.00	$ 7,037.50	$ 35,187.50	$ 4,326.25	$ 21,631.25	$ 4,664.79	$ 4,663.13	$ 3,165.00	$ 7,037.50
21	Connect To Existing Manhole	EA	1	$ 6,000.00	$ 6,000.00	$ 3,000.00	$ 3,000.00	$ 3,645.00	$ 3,645.00	$ 7,500.00	$ 7,500.00	$ 1,000.00	$ 1,000.00	$ 2,500.00	$ 2,500.00	$ 2,462.50	$ 2,462.50	$ 3,351.25	$ 2,750.00	$ 1,000.00	$ 7,500.00
22	Yard Hydrant	EA	1	$ 200.00	$ 200.00	$ 2,500.00	$ 2,500.00	$ 1,782.00	$ 1,782.00	$ 4,000.00	$ 4,000.00	$ 3,000.00	$ 3,000.00	$ 5,037.50	$ 5,037.50	$ 988.75	$ 988.75	$ 2,884.71	$ 2,750.00	$ 988.75	$ 5,037.50
23	Select Fill	CY	3252	$ 35.00	$ 113,820.00	$ 15.00	$ 48,780.00	$ 12.00	$ 39,024.00	$ 20.00	$ 65,040.00	$ 30.00	$ 97,560.00	$ 36.00	$ 117,072.00	$ 28.80	$ 93,657.60	$ 23.63	$ 24.40	$ 12.00	$ 36.00
24	Select Bedding (Undercut Excavation Backfill)	CY	116	$ 38.00	$ 4,408.00	$ 65.00	$ 7,540.00	$ 72.00	$ 8,352.00	$ 85.00	$ 9,860.00	$ 80.00	$ 9,280.00	$ 66.00	$ 7,656.00	$ 59.50	$ 6,902.00	$ 71.25	$ 69.00	$ 59.50	$ 85.00
25	Temporary Silt Fence	LF	1765	$ 3.00	$ 5,295.00	$ 3.00	$ 5,295.00	$ 2.00	$ 3,530.00	$ 4.00	$ 7,060.00	$ 2.00	$ 3,530.00	$ 1.50	$ 2,647.50	$ 3.60	$ 6,354.00	$ 2.68	$ 2.50	$ 1.50	$ 4.00
26	Tree Protection	LF	541	$ 4.00	$ 2,164.00	$ 12.00	$ 6,492.00	$ 4.00	$ 2,164.00	$ 5.00	$ 2,705.00	$ 5.00	$ 2,705.00	$ 2.50	$ 1,352.50	$ 4.70	$ 2,542.70	$ 5.53	$ 4.85	$ 2.50	$ 12.00
27	Inlet Protection	EA	3	$ 500.00	$ 1,500.00	$ 300.00	$ 900.00	$ 150.00	$ 450.00	$ 500.00	$ 1,500.00	$ 200.00	$ 600.00	$ 150.00	$ 450.00	$ 180.00	$ 540.00	$ 246.67	$ 190.00	$ 150.00	$ 500.00
28	Construction Entrance	EA	1	$ 5,000.00	$ 5,000.00	$ 4,200.00	$ 4,200.00	$ 4,406.00	$ 4,406.00	$ 8,000.00	$ 8,000.00	$ 3,000.00	$ 3,000.00	$ 2,500.00	$ 2,500.00	$ 7,900.00	$ 7,900.00	$ 5,001.00	$ 4,303.00	$ 2,500.00	$ 8,000.00
29	Gravel patch/drive	CY	38	$ 20.00	$ 760.00	$ 66.00	$ 2,508.00	$ 108.00	$ 4,104.00	$ 100.00	$ 3,800.00	$ 80.00	$ 3,040.00	$ 60.00	$ 2,280.00	$ 87.50	$ 3,325.00	$ 83.58	$ 83.75	$ 60.00	$ 108.00
30	Aggregate Base material, VDOT no. 21A	CY	212	$ 20.00	$ 4,240.00	$ 59.00	$ 12,508.00	$ 153.00	$ 32,436.00	$ 80.00	$ 16,960.00	$ 60.00	$ 12,720.00	$ 60.00	$ 12,720.00	$ 99.95	$ 21,189.40	$ 85.33	$ 70.00	$ 59.00	$ 153.00
31	Asphalt Concrete, Type BM-25, 3"	SY	1272	$ 20.00	$ 25,440.00	$ 23.00	$ 29,256.00	$ 21.25	$ 27,030.00	$ 40.00	$ 50,880.00	$ 19.00	$ 24,168.00	$ 23.50	$ 29,892.00	$ 33.20	$ 42,230.40	$ 26.66	$ 23.25	$ 19.00	$ 40.00
32	Asphalt Concrete, Type SM-9.5A, 1.5"	SY	1272	$ 8.00	$ 10,176.00	$ 11.00	$ 13,992.00	$ 12.25	$ 15,582.00	$ 30.00	$ 38,160.00	$ 12.00	$ 15,264.00	$ 16.00	$ 20,352.00	$ 20.50	$ 26,076.00	$ 16.96	$ 14.13	$ 11.00	$ 30.00
33	Concrete, Driveway, 7" Thick	CY	21	$ 250.00	$ 5,250.00	$ 528.00	$ 11,088.00	$ 600.00	$ 12,600.00	$ 400.00	$ 8,400.00	$ 300.00	$ 6,300.00	$ 500.00	$ 10,500.00	$ 450.00	$ 9,450.00	$ 463.00	$ 475.00	$ 300.00	$ 600.00
34	Bollard, Wood	EA	6	$ 250.00	$ 1,500.00	$ 300.00	$ 1,800.00	$ 450.00	$ 2,700.00	$ 200.00	$ 1,200.00	$ 200.00	$ 1,200.00	$ 750.00	$ 4,500.00	$ 328.75	$ 1,972.50	$ 371.46	$ 314.38	$ 200.00	$ 750.00
35	Mailbox	EA	1	$ 250.00	$ 250.00	$ 400.00	$ 400.00	$ 300.00	$ 300.00	$ 500.00	$ 500.00	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 325.00	$ 325.00	$ 320.83	$ 312.50	$ 200.00	$ 500.00
36	Restoration of Canal	EA	1	$ 2,400.00	$ 2,400.00	$ 2,500.00	$ 2,500.00	$ 3,700.00	$ 3,700.00	$ 5,000.00	$ 5,000.00	$ 6,000.00	$ 6,000.00	$ 5,000.00	$ 5,000.00	$ 30,500.00	$ 30,500.00	$ 8,783.33	$ 5,000.00	$ 2,500.00	$ 30,500.00
37	Restoration of Right of Way	LS	1	$ 9,488.00	$ 9,488.00	$ 16,000.00	$ 16,000.00	$ 28,000.00	$ 28,000.00	$ 10,000.00	$ 10,000.00	$ 9,000.00	$ 9,000.00	$ 30,000.00	$ 30,000.00	$ 35,875.00	$ 35,875.00	$ 21,479.17	$ 22,000.00	$ 9,000.00	$ 35,875.00
38	Traffic Control	LS	1	$ 5,000.00	$ 5,000.00	$ 1,000.00	$ 1,000.00	$ 12,000.00	$ 12,000.00	$ 3,500.00	$ 3,500.00	$ 18,000.00	$ 18,000.00	$ 12,500.00	$ 12,500.00	$ 18,000.00	$ 18,000.00	$ 10,833.33	$ 12,250.00	$ 1,000.00	$ 18,000.00
39	Mobilization	EA	1	$ 25,000.00	$ 25,000.00	$ 55,000.00	$ 55,000.00	$ 56,000.00	$ 56,000.00	$ 70,000.00	$ 70,000.00	$ 50,000.00	$ 50,000.00	$ 69,872.00	$ 69,872.00	$ 79,962.98	$ 79,962.98	$ 63,472.50	$ 62,936.00	$ 50,000.00	$ 79,962.98
90				$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	$ -	$ -	$ -
91				$ -		$ -		$ -		$ -		$ -		$ -		$ -		$ -	$ -	$ -	$ -
				Total	**$ 1,297,956.00**	**Total**	**$ 1,006,585.45**	**Total**	**$ 1,075,758.00**	**Total**	**$ 1,117,704.00**	**Total**	**$ 1,326,997.00**	**Total**	**$ 1,517,377.00**	**Total**	**$ 1,679,222.53**	**$ 1,287,274.00**	**$ 1,222,350.50**	**$ 1,006,585.45**	**$ 1,679,222.53**

did not update bid table