

Aleutian Village - Proposed Subdivision

March 10, 2016

Item No.	Description	Est Quantity	Unit	2011		2016
				Unit Bid Price	Total Bid Price	Adjusted for Inflation
Sanitary Sewer Improvements						
SS-1	Mobilization & Demobilization	1	LS	\$ 233,303.00	\$ 233,303.00	\$ 557,333.25
SS-2	Trench Excavation & Backfill, Various Depths	3338	LF	\$ 97.60	\$ 325,788.80	\$ 387,037.09
SS-3	Furnish Trench Backfill, Type IIA	1296	TON	\$ 4.13	\$ 5,352.48	\$ 6,358.75
SS-4	Furnish Bedding Material, Class D	3338	LF	\$ 2.00	\$ 6,676.00	\$ 7,931.09
SS-5	Pea Gravel for Bedding	3338	LF	\$ 3.53	\$ 11,783.14	\$ 13,998.37
SS-6	Disposal of Unusable or Surplus Material	1113	CY	\$ 1.50	\$ 1,669.50	\$ 1,983.37
SS-7	Removal of Existing Pavement	11700	SY	\$ 2.28	\$ 26,676.00	\$ 31,691.09
SS-8	Stormwater Pollution Prevention Plan (SWPPP)	1	LS	\$ 11,924.00	\$ 11,924.00	\$ 14,165.71
SS-9	Trench Dewatering	1	LS	\$ 23,138.00	\$ 23,138.00	\$ 27,487.94
SS-10	Furnish and Install 8" DIP CL50 Sewer Pipe	3338	LF	\$ 19.81	\$ 66,125.78	\$ 78,557.43
SS-11	Construct Manhole, Type A	3	EA	\$ 5,735.20	\$ 17,205.60	\$ 20,440.25
SS-12	Sanitary Sewer Connections	102	EA	\$ 2,475.88	\$ 252,539.76	\$ 300,017.23
SS-13	Polyethylene Encasement	30	LF	\$ 2.84	\$ 85.20	\$ 101.22
SS-14	Construction Survey Measurement	1	LS	\$ 39,424.00	\$ 39,424.00	\$ 46,835.71
SS-15	Reconstruct Driveway, Gravel	15300	SF	\$ 3.02	\$ 46,206.00	\$ 54,892.73
Sanitary Sewer Improvements Subtotal					\$ 1,067,897.26	\$ 1,548,831.23
Water Improvements						
W-1	Trench Excavation & Backfill, Various Depths	3875	LF	\$ 67.43	\$ 261,291.25	\$ 310,414.01
W-2	Furnish Trench Backfill, Type IIA	1504	TON	\$ 8.25	\$ 12,408.00	\$ 14,740.70
W-3	Furnish Bedding Material, Class D	3875	LF	\$ 6.75	\$ 26,156.25	\$ 31,073.63
W-4	Pea Gravel for Bedding	3875	LF	\$ 9.25	\$ 35,843.75	\$ 42,582.38
W-5	Disposal of Unusable or Surplus Material	1293	CY	\$ 3.00	\$ 3,879.00	\$ 4,608.25
W-6	Trench Dewatering	1	LS	\$ 27,843.40	\$ 27,843.40	\$ 33,077.96
W-7	Furnish and Install 8" SDR-11 HDPE Water Main	3875	LF	\$ 51.98	\$ 201,422.50	\$ 239,289.93
W-8	Furnish and Install 8" Gate Valve, Valve Box and Marker	5	EA	\$ 2,702.30	\$ 13,511.50	\$ 16,051.66
W-9	Furnish and Install Fire Hydrant Assembly, Single Pumper	3	EA	\$ 9,205.00	\$ 27,615.00	\$ 32,806.62
W-10	Furnish and Install 1" Water Service Line	102	EA	\$ 3,272.06	\$ 333,750.12	\$ 396,495.14
W-11	Connect to Existing Water Main	1	EA	\$ 11,284.60	\$ 11,284.60	\$ 13,406.10
W-12	Furnish and Install Galvanic Anodes	97	EA	\$ 614.60	\$ 59,539.38	\$ 70,732.78
W-13	Construction Survey Measurement	1	LS	\$ 27,500.00	\$ 27,500.00	\$ 32,670.00
Water Improvements Subtotal					\$ 1,042,044.75	\$ 1,237,949.16
Street Improvements						
ST-1	Unusable Excavation, Off-site Disposal	3900	CY	\$ 8.60	\$ 33,540.00	\$ 39,845.52
ST-2	Type IIA Classified Fill and Backfill	5922	TON	\$ 12.75	\$ 75,505.50	\$ 89,700.53
ST-3	AC Pavement, 2" Class E	105279	SF	\$ 4.00	\$ 421,116.00	\$ 500,285.81
ST-4	Construct Open Ditch	11000	LF	\$ 6.92	\$ 76,120.00	\$ 90,430.56
ST-5	Construction Survey Measurement	1	LS	\$ 13,200.00	\$ 13,200.00	\$ 15,681.60
ST-6	Traffic Control	1	EA	\$ 38,800.00	\$ 38,800.00	\$ 46,094.40
ST-7	Stormwater BMP	1	EA			\$ 148,000.00
Street Improvements Subtotal					\$ 658,281.50	\$ 782,038.42
Project Subtotal						\$ 3,568,818.81
Surveying, Engineering & Construction Administration, 10%						\$ 356,881.88
Bond, 1.5%						\$ 58,885.51
Contingency, 15%						\$ 597,687.93
Project Total						\$ 4,582,274.14

Summary of Bob Jean Estimates:

Land:	\$300,000 - \$700,000
Water:	\$200,000 - \$500,000
Well Decommission:	\$ 50,000
Sewer:	\$ 50,000
Electric:	\$150,000
Streets:	\$500,000
Environmental:	\$150,000
Surv/Plat:	\$200,000
Contingency (15 %):	\$ 0
Bond (1.5%):	\$ 0
Legal:	\$ 50,000
Totals:	\$1,650,000 - \$2,350,000

Summary of New Staff Estimates:

\$ 300,000 - \$700,000 (Really Unknown)
\$1,237,929
\$ 50,000
\$1,548,831
\$ 150,000
\$ 782,038
\$ 150,000
\$ 356,882 (Survey/Plat, Eng. Constr. Admin)
\$ 597,688
\$ 58,886
\$ 50,000
\$5,282,254- \$5,682,254