CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

				ENGINEER'S ESTIMATE		Paulus Engineering		GCI	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization/Demobilization and Cleanup	1	LS	$50,000.00	$50,000.00	$35,000.00	$35,000.00	$50,000.00	$50,000.00
2	Traffic Control	1	LS	$30,000.00	$30,000.00	$10,000.00	$10,000.00	$5,000.00	$5,000.00
3	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	200	LF	$85.00	$17,000.00	$71.00	$14,200.00	$75.00	$15,000.00
4	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	160	LF	$80.00	$12,800.00	$65.00	$10,400.00	$81.00	$12,960.00
5	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section F)	110	LF	$50.00	$5,500.00	$72.00	$7,920.00	$66.00	$7,260.00
6	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section G)	310	LF	$65.00	$20,150.00	$53.00	$16,430.00	$63.00	$19,530.00
7	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section H)	60	LF	$75.00	$4,500.00	$78.00	$4,680.00	$84.00	$5,040.00
8	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	450	LF	$72.00	$32,400.00	$61.00	$27,450.00	$89.00	$40,050.00
9	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section E)	310	LF	$82.00	$25,420.00	$80.00	$24,800.00	$67.00	$20,770.00
10	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	520	LF	$95.00	$49,400.00	$75.00	$39,000.00	$75.00	$39,000.00
11	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	200	LF	$95.00	$19,000.00	$73.00	$14,600.00	$67.00	$13,400.00
12	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section C)	1,600	LF	$50.00	$80,000.00	$56.00	$89,600.00	$55.00	$88,000.00
13	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section A1)	900	LF	$85.00	$76,500.00	$68.00	$61,200.00	$70.00	$63,000.00
14	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section D)	1,170	LF	$85.00	$99,450.00	$68.00	$79,560.00	$75.00	$87,750.00
15	Remove Exist. Water Service & Install New 1" Service from New Main to Exist. Meter	192	EA	$1,100.00	$211,200.00	$699.00	$134,208.00	$1,100.00	$211,200.00
16	Remove Exist. Water Service & Install New 2" Service from New Main to Exist. Meter	8	EA	$2,100.00	$16,800.00	$1,600.00	$12,800.00	$3,500.00	$28,000.00
17	Furnish/Install 8" RW Gate Valve	13	EA	$1,800.00	$23,400.00	$1,800.00	$23,400.00	$2,000.00	$26,000.00
18	Furnish/Install 6" RW Gate Valve	15	EA	$1,500.00	$22,500.00	$1,500.00	$22,500.00	$1,700.00	$25,500.00
19	Furnish/Install Fire Hydrant Assembly (Tee, Thrust Blocks, Lateral, Bury, & FH)	10	EA	$5,500.00	$55,000.00	$4,500.00	$45,000.00	$4,500.00	$45,000.00
20	Furnish/Install 8" on 12" Hot Tap Assembly	1	EA	$4,500.00	$4,500.00	$4,650.00	$4,650.00	$3,300.00	$3,300.00
21	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 4" Water Lateral	2	EA	$1,500.00	$3,000.00	$2,500.00	$5,000.00	$700.00	$1,400.00
22	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 6" Water Main	8	EA	$1,800.00	$14,400.00	$2,500.00	$20,000.00	$700.00	$5,600.00
23	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 8" Water Main	8	EA	$2,500.00	$20,000.00	$2,700.00	$21,600.00	$900.00	$7,200.00
24	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 12" Water Main	1	EA	$4,500.00	$4,500.00	$3,200.00	$3,200.00	$2,000.00	$2,000.00
25	Construct Reinforced Concrete Collar @ New Valve Flush with Existing Boardwalk Per Details on Plans	7	EA	$750.00	$5,250.00	$998.00	$6,986.00	$1,400.00	$9,800.00
26	Furnish and Install Jacked 12-3/4" OD Steel Casing w/6" C-900 Pipe per City Std-529-L	42	LF	$500.00	$21,000.00	$121.00	$5,082.00	$500.00	$21,000.00
27	Furnish and Install Jacked 16" OD Steel Casing w/8" C-900 Pipe per City Std-529-L	14	LF	$750.00	$10,500.00	$121.00	$1,694.00	$750.00	$10,500.00
28	Furnish & Install 6"x4" DI Tee with 4" RW Gate Valve and Thrust Blocks	1	EA	$2,500.00	$2,500.00	$1,380.00	$1,380.00	$1,500.00	$1,500.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

29	Furnish & Install 8"x4' DI Tee with Thrust Blocks	1	EA	$750.00	$750.00	$1,111.00	$1,111.00	$800.00	$800.00
30	Construct Reinforced Concrete Boardwalk to Nearest Full Panel per City Std Specifications. Finish Conc to Match Adjacent Panels and Re-stripe to Match.	1,900	SF	$12.50	$23,750.00	$13.00	$24,700.00	$10.00	$19,000.00
31	Furnish/Install 4" C-900 (CL 200) PVC Water Main & DI Fittings	30	LF	$75.00	$2,250.00	$55.00	$1,650.00	$122.00	$3,660.00
32	Remove and Replace Exist Interfering Concrete Pad or Sidewalk to Match Existing, Including Thickness and Reinforcement.	320	SF	$6.00	$1,920.00	$11.00	$3,520.00	$13.00	$4,160.00
33	Cut in new 8" RW Gate Valves with Fittings and Transition Couplings as Directed by the Engineer. Backfill and Resurface Per Plans	8	EA	$2,500.00	$20,000.00	$2,600.00	$20,800.00	$3,000.00	$24,000.00
34	Remove Exist 12" Gate Valve & Furnish/Install 12" RW Gate Valve	1	EA	$4,500.00	$4,500.00	$4,100.00	$4,100.00	$6,000.00	$6,000.00
35	Provide Temporary Water Main By-Pass and Service Connections	1	LS	$100,000.00	$100,000.00	$35,700.00	$35,700.00	$60,000.00	$60,000.00
36	Pressure Test, Disinfecting and Flushing of New Water Mains	1	LS	$15,000.00	$15,000.00	$167,000.00	$167,000.00	$5,500.00	$5,500.00
37	Trench Safety Measures - Water Systems	1	LS	$5,000.00	$5,000.00	$7,600.00	$7,600.00	$5,500.00	$5,500.00
38	Remove Existing Manhole & Construct New 48" Dia Manhole Per CNB Std-401-L and as Indicated on Plans	4	EA	$10,000.00	$40,000.00	$5,300.00	$21,200.00	$6,000.00	$24,000.00
39	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section B)	160	LF	$200.00	$32,000.00	$179.00	$28,640.00	$200.00	$32,000.00
40	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section D)	1,210	LF	$225.00	$272,250.00	$226.00	$273,460.00	$140.00	$169,400.00
41	Remove Existing 8" VCP Sewer & Replace with 8" VCP (XS) Pipe Point Repair (6' Max, 4' Min Repair Length Per Location)	4	EA	$5,000.00	$20,000.00	$4,500.00	$18,000.00	$2,000.00	$8,000.00
42	Construct new 48" Dia Manhole per CNB Std-401-L and as Indicated on Plans	1	EA	$5,000.00	$5,000.00	$4,160.00	$4,160.00	$5,300.00	$5,300.00
43	Remove Exist 4" Sewer Lateral and Furnish/Install New Sewer Lateral to Property Line Per City Std-405-L as Directed by the Engineer	42	EA	$1,500.00	$63,000.00	$650.00	$27,300.00	$1,400.00	$58,800.00
44	Reconnect New 4" Sewer Lateral to Join Exist Sewer Lateral Per City Std-405-L as Directed by the Engineer.	41	EA	$500.00	$20,500.00	$523.00	$21,443.00	$600.00	$24,600.00
45	Remove Existing Sewer Manhole & Vault (8'Lx10'Wx8'D) and Backfill. Resurface with 4" AC over 8" AB	1	LS	$12,000.00	$12,000.00	$6,690.00	$6,690.00	$5,000.00	$5,000.00
46	Core & Join Existing County Manhole. Grout Voids Around MH Inlet	1	LS	$1,200.00	$1,200.00	$4,400.00	$4,400.00	$1,200.00	$1,200.00
47	Remove Existing Sewer Cleanout & Construct New Cleanout Structure per City Std-406-L on Private Property as Directed by City Representative	17	EA	$1,200.00	$20,400.00	$840.00	$14,280.00	$2,000.00	$34,000.00
48	Temporary Sewer By-Pass Systems	1	LS	$10,000.00	$10,000.00	$7,140.00	$7,140.00	$26,000.00	$26,000.00
49	Trench Safety Measures - Sewers	1	LS	$12,000.00	$12,000.00	$10,000.00	$10,000.00	$1,600.00	$1,600.00
50	Trench Dewatering	1	LS	$15,000.00	$15,000.00	$49,000.00	$49,000.00	$112,000.00	$112,000.00
51	Final Redline As-Built Plans	1	LS	$1,500.00	$1,500.00	$550.00	$550.00	$900.00	$900.00
				EE	$1,634,690.00	LOW	$1,494,784.00	2ND	1,496,180.00

AS-BID

*as read $1,344,484.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

				John T. Malloy		Cedro		Atlas-Allied	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization/Demobilization and Cleanup	1	LS	$45,000.00	$45,000.00	$36,425.00	$36,425.00	$100,000.00	$100,000.00
2	Traffic Control	1	LS	$5,000.00	$5,000.00	$16,493.00	$16,493.00	$50,000.00	$50,000.00
3	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	200	LF	$52.00	$10,400.00	$121.00	$24,200.00	$75.00	$15,000.00
4	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	160	LF	$62.00	$9,920.00	$121.00	$19,360.00	$75.00	$12,000.00
5	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section F)	110	LF	$54.00	$5,940.00	$60.00	$6,600.00	$75.00	$8,250.00
6	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section G)	310	LF	$48.00	$14,880.00	$60.00	$18,600.00	$75.00	$23,250.00
7	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section H)	60	LF	$54.00	$3,240.00	$121.00	$7,260.00	$75.00	$4,500.00
8	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	450	LF	$52.00	$23,400.00	$119.00	$53,550.00	$75.00	$33,750.00
9	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section E)	310	LF	$52.00	$16,120.00	$119.00	$36,890.00	$75.00	$23,250.00
10	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	520	LF	$60.00	$31,200.00	$126.00	$65,520.00	$75.00	$39,000.00
11	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	200	LF	$52.00	$10,400.00	$126.00	$25,200.00	$75.00	$15,000.00
12	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section C)	1,600	LF	$48.00	$76,800.00	$60.00	$96,000.00	$75.00	$120,000.00
13	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section A1)	900	LF	$52.00	$46,800.00	$126.00	$113,400.00	$75.00	$67,500.00
14	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section D)	1,170	LF	$52.00	$60,840.00	$119.00	$139,230.00	$75.00	$87,750.00
15	Remove Exist. Water Service & Install New 1" Service from New Main to Exist. Meter	192	EA	$1,500.00	$288,000.00	$525.00	$100,800.00	$900.00	$172,800.00
16	Remove Exist. Water Service & Install New 2" Service from New Main to Exist. Meter	8	EA	$3,000.00	$24,000.00	$2,341.00	$18,728.00	$2,000.00	$16,000.00
17	Furnish/Install 8" RW Gate Valve	13	EA	$1,200.00	$15,600.00	$1,780.00	$23,140.00	$3,000.00	$39,000.00
18	Furnish/Install 6" RW Gate Valve	15	EA	$1,000.00	$15,000.00	$1,398.00	$20,970.00	$3,000.00	$45,000.00
19	Furnish/Install Fire Hydrant Assembly (Tee, Thrust Blocks, Lateral, Bury, & FH)	10	EA	$5,200.00	$52,000.00	$4,565.00	$45,650.00	$4,000.00	$40,000.00
20	Furnish/Install 8" on 12" Hot Tap Assembly	1	EA	$5,000.00	$5,000.00	$8,787.00	$8,787.00	$7,000.00	$7,000.00
21	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 4" Water Lateral	2	EA	$2,500.00	$5,000.00	$3,109.00	$6,218.00	$4,000.00	$8,000.00
22	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 6" Water Main	8	EA	$3,000.00	$24,000.00	$3,650.00	$29,200.00	$4,000.00	$32,000.00
23	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 8" Water Main	8	EA	$3,500.00	$28,000.00	$4,191.00	$33,528.00	$4,000.00	$32,000.00
24	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 12" Water Main	1	EA	$4,000.00	$4,000.00	$10,000.00	$10,000.00	$5,000.00	$5,000.00
25	Construct Reinforced Concrete Collar @ New Valve Flush with Existing Boardwalk Per Details on Plans	7	EA	$400.00	$2,800.00	$1,674.00	$11,718.00	$1,500.00	$10,500.00
26	Furnish and Install Jacked 12-3/4" OD Steel Casing w/6" C-900 Pipe per City Std-529-L	42	LF	$200.00	$8,400.00	$96.00	$4,032.00	$200.00	$8,400.00
27	Furnish and Install Jacked 16" OD Steel Casing w/8" C-900 Pipe per City Std-529-L	14	LF	$200.00	$2,800.00	$116.00	$1,624.00	$200.00	$2,800.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

28	Furnish & Install 6"x4" DI Tee with 4" RW Gate Valve and Thrust Blocks	1	EA	$2,000.00	$2,000.00	$1,674.00	$1,674.00	$3,000.00	$3,000.00
29	Furnish & Install 8"x4" DI Tee with Thrust Blocks	1	EA	$2,000.00	$2,000.00	$1,733.00	$1,733.00	$1,500.00	$1,500.00
30	Construct Reinforced Concrete Boardwalk to Nearest Full Panel per City Std Specifications. Finish Conc to Match Adjacent Panels and Re-stripe to Match.	1,900	SF	$15.00	$28,500.00	$26.00	$49,400.00	$11.00	$20,900.00
31	Furnish/Install 4" C-900 (CL 200) PVC Water Main & DI Fittings	30	LF	$200.00	$6,000.00	$127.00	$3,810.00	$75.00	$2,250.00
32	Remove and Replace Exist Interfering Concrete Pad or Sidewalk to Match Existing, Including Thickness and Reinforcement.	320	SF	$10.00	$3,200.00	$34.00	$10,880.00	$11.00	$3,520.00
33	Cut in new 6" RW Gate Valves with Fittings and Transition Couplings as Directed by the Engineer. Backfill and Resurface Per Plans	8	EA	$3,000.00	$24,000.00	$5,110.00	$40,880.00	$3,000.00	$24,000.00
34	Remove Exist 12" Gate Valve & Furnish/Install 12" RW Gate Valve	1	EA	$4,000.00	$4,000.00	$11,389.00	$11,389.00	$6,000.00	$6,000.00
35	Provide Temporary Water Main By-Pass and Service Connections	1	LS	$8,000.00	$8,000.00	$75,000.00	$75,000.00	$50,000.00	$50,000.00
36	Pressure Test, Disinfecting and Flushing of New Water Mains	1	LS	$3,000.00	$3,000.00	$10,500.00	$10,500.00	$10,000.00	$10,000.00
37	Trench Safety Measures - Water Systems	1	LS	$2,000.00	$2,000.00	$13,519.00	$13,519.00	$5,000.00	$5,000.00
38	Remove Existing Manhole & Construct New 48" Dia Manhole Per CNB Std-401-L and as Indicated on Plans	4	EA	$10,000.00	$40,000.00	$5,000.00	$20,000.00	$5,000.00	$20,000.00
39	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section B)	160	LF	$300.00	$48,000.00	$165.00	$26,400.00	$100.00	$16,000.00
40	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section D)	1,210	LF	$225.00	$272,250.00	$145.00	$175,450.00	$100.00	$121,000.00
41	Remove Existing 8" VCP Sewer & Replace with 8" VCP (XS) Pipe Point Repair (6' Max, 4' Min Repair Length Per Location)	4	EA	$3,000.00	$12,000.00	$5,056.00	$20,224.00	$2,500.00	$10,000.00
42	Construct new 48" Dia Manhole per CNB Std-401-L and as Indicated on Plans	1	EA	$7,500.00	$7,500.00	$6,448.00	$6,448.00	$4,000.00	$4,000.00
43	Remove Exist 4" Sewer Lateral and Furnish/Install New Sewer Lateral to Property Line Per City Std-405-L as Directed by the Engineer	42	EA	$3,000.00	$126,000.00	$601.00	$25,242.00	$2,100.00	$88,200.00
44	Reconnect New 4" Sewer Lateral to Join Exist Sewer Lateral Per City Std-405-L as Directed by the Engineer.	41	EA	$500.00	$20,500.00	$319.00	$13,079.00	$1,000.00	$41,000.00
45	Remove Existing Sewer Manhole & Vault (8'Lx10'Wx8'D) and Backfill. Resurface with 4" AC over 8" AB	1	LS	$5,000.00	$5,000.00	$12,059.00	$12,059.00	$4,000.00	$4,000.00
46	Core & Join Existing County Manhole. Grout Voids Around MH Inlet	1	LS	$5,000.00	$5,000.00	$2,839.00	$2,839.00	$7,500.00	$7,500.00
47	Remove Existing Cleanout & Re-Establish Sewer Lateral Per City Std-405-L as Directed by the City Engineer.	17	EA	$1,500.00	$25,500.00	$1,488.00	$25,296.00	$500.00	$8,500.00
48	Temporary Sewer By-Pass Systems	1	LS	$5,000.00	$5,000.00	$22,711.00	$22,711.00	$50,000.00	$50,000.00
49	Trench Safety Measures - Sewers	1	LS	$25,000.00	$25,000.00	$12,978.00	$12,978.00	$15,000.00	$15,000.00
50	Trench Dewatering	1	LS	$75,000.00	$75,000.00	$35,000.00	$35,000.00	$110,000.00	$110,000.00
51	Final Redline As-Built Plans	1	LS	$1,100.00	$1,100.00	$2,163.00	$2,163.00	$10,000.00	$10,000.00
				3RD	$1,585,090.00	4TH	$1,591,797.00	5TH	$1,649,120.00

AS-BID

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

ITEM	DESCRIPTION	QUANTITY		CCL Contracting		Mike Bubalo Construction		J. De Sigio Const.	
				UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization/Demobilization and Cleanup	1	LS	$60,000.00	$60,000.00	$85,000.00	$85,000.00	$75,000.00	$75,000.00
2	Traffic Control	1	LS	$2,800.00	$2,800.00	$8,000.00	$8,000.00	$10,000.00	$10,000.00
3	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	200	LF	$120.00	$24,000.00	$60.00	$12,000.00	$104.00	$20,800.00
4	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	160	LF	$150.00	$24,000.00	$60.00	$9,600.00	$104.00	$16,640.00
5	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section F)	110	LF	$63.00	$6,930.00	$60.00	$6,600.00	$112.00	$12,320.00
6	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section G)	310	LF	$81.00	$25,110.00	$60.00	$18,600.00	$61.00	$18,910.00
7	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section H)	60	LF	$166.00	$9,960.00	$80.00	$4,800.00	$109.00	$6,540.00
8	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	450	LF	$86.00	$38,700.00	$58.00	$26,100.00	$81.00	$36,450.00
9	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section E)	310	LF	$90.00	$27,900.00	$58.00	$17,980.00	$74.00	$22,940.00
10	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	520	LF	$115.00	$59,800.00	$90.00	$46,800.00	$82.00	$42,640.00
11	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	200	LF	$107.00	$21,400.00	$90.00	$18,000.00	$83.00	$16,600.00
12	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section C)	1,600	LF	$47.00	$75,200.00	$88.00	$140,800.00	$42.00	$67,200.00
13	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section A1)	900	LF	$100.00	$90,000.00	$90.00	$81,000.00	$72.00	$64,800.00
14	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section D)	1,170	LF	$119.00	$139,230.00	$90.00	$105,300.00	$90.00	$105,300.00
15	Remove Exist. Water Service & Install New 1" Service from New Main to Exist. Meter	192	EA	$1,100.00	$211,200.00	$1,400.00	$268,800.00	$800.00	$153,600.00
16	Remove Exist. Water Service & Install New 2" Service from New Main to Exist. Meter	8	EA	$2,625.00	$21,000.00	$2,300.00	$18,400.00	$2,400.00	$19,200.00
17	Furnish/Install 8" RW Gate Valve	13	EA	$1,440.00	$18,720.00	$1,200.00	$15,600.00	$1,500.00	$19,500.00
18	Furnish/Install 6" RW Gate Valve	15	EA	$1,100.00	$16,500.00	$800.00	$12,000.00	$1,100.00	$16,500.00
19	Furnish/Install Fire Hydrant Assembly (Tee, Thrust Blocks, Lateral, Bury, & FH)	10	EA	$5,450.00	$54,500.00	$4,800.00	$48,000.00	$5,400.00	$54,000.00
20	Furnish/Install 8" on 12" Hot Tap Assembly	1	EA	$13,800.00	$13,800.00	$2,000.00	$2,000.00	$5,100.00	$5,100.00
21	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 4" Water Lateral	2	EA	$5,400.00	$10,800.00	$3,800.00	$7,600.00	$4,000.00	$8,000.00
22	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 6" Water Main	8	EA	$6,000.00	$48,000.00	$4,600.00	$36,800.00	$4,000.00	$32,000.00
23	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 8" Water Main	8	EA	$7,000.00	$56,000.00	$5,400.00	$43,200.00	$4,000.00	$32,000.00
24	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 12" Water Main	1	EA	$9,000.00	$9,000.00	$6,800.00	$6,800.00	$4,100.00	$4,100.00
25	Construct Reinforced Concrete Collar @ New Valve Flush with Existing Boardwalk Per Details on Plans	7	EA	$1,600.00	$11,200.00	$1,200.00	$8,400.00	$250.00	$1,750.00
26	Furnish and Install Jacked 12-3/4" OD Steel Casing w/6" C-900 Pipe per City Std-529-L	42	LF	$324.00	$13,608.00	$280.00	$11,760.00	$250.00	$10,500.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

27	Furnish and Install Jacked 16" OD Steel Casing w/6" C-900 Pipe per City Std-529-L	14	LF	$350.00	$4,900.00	$320.00	$4,480.00	$250.00	$3,500.00
28	Furnish & Install 6"x4" DI Tee with 4" RW Gate Valve and Thrust Blocks	1	EA	$1,320.00	$1,320.00	$1,600.00	$1,600.00	$1,300.00	$1,300.00
29	Furnish & Install 6"x4" DI Tee with Thrust Blocks	1	EA	$800.00	$800.00	$2,400.00	$2,400.00	$1,400.00	$1,400.00
30	Construct Reinforced Concrete Boardwalk to Nearest Full Panel per City Std Specifications. Finish Conc to Match Adjacent Panels and Re-stripe to Match.	1,900	SF	$7.00	$13,300.00	$22.00	$41,800.00	$11.00	$20,900.00
31	Furnish/Install 4" C-900 (CL 200) PVC Water Main & DI Fittings	30	LF	$93.00	$2,790.00	$120.00	$3,600.00	$166.00	$4,980.00
32	Remove and Replace Exist Interfering Concrete Pad or Sidewalk to Match Existing, Including Thickness and Reinforcement	320	SF	$12.00	$3,840.00	$40.00	$12,800.00	$16.00	$5,120.00
33	Cut in new 8" RW Gate Valves with Fittings and Transition Couplings as Directed by the Engineer. Backfill and Resurface Per Plans	8	EA	$4,000.00	$32,000.00	$6,200.00	$49,600.00	$2,500.00	$20,000.00
34	Remove Exist 12" Gate Valve & Furnish/Install 12" RW Gate Valve	1	EA	$5,800.00	$5,800.00	$6,900.00	$6,900.00	$3,400.00	$3,400.00
35	Provide Temporary Water Main By-Pass and Service Connections	1	LS	$88,000.00	$88,000.00	$48,000.00	$48,000.00	$40,000.00	$40,000.00
36	Pressure Test, Disinfecting and Flushing of New Water Mains	1	LS	$1,600.00	$1,600.00	$26,000.00	$26,000.00	$25,000.00	$25,000.00
37	Trench Safety Measures - Water Systems	1	LS	$1,300.00	$1,300.00	$8,000.00	$8,000.00	$5,000.00	$5,000.00
38	Remove Existing Manhole & Construct New 48" Dia Manhole Per CNB Std-401-L and as Indicated on Plans	4	EA	$6,350.00	$25,400.00	$7,000.00	$28,000.00	$16,000.00	$64,000.00
39	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section B)	160	LF	$275.00	$44,000.00	$120.00	$19,200.00	$460.00	$73,600.00
40	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section D)	1,210	LF	$191.00	$231,110.00	$120.00	$145,200.00	$430.00	$520,300.00
41	Remove Existing 8" VCP Sewer & Replace with 8" VCP (XS) Pipe Point Repair (6' Max, 4' Min Repair Length Per Location)	4	EA	$1,650.00	$6,600.00	$2,600.00	$10,400.00	$5,000.00	$20,000.00
42	Construct new 48" Dia Manhole per CNB Std-401-L and as Indicated on Plans	1	EA	$4,300.00	$4,300.00	$7,000.00	$7,000.00	$14,000.00	$14,000.00
43	Remove Exist 4" Sewer Lateral and Furnish/Install New Sewer Lateral to Property Line Per City Std-405-L as Directed by the Engineer	42	EA	$1,524.00	$64,008.00	$1,900.00	$79,800.00	$850.00	$35,700.00
44	Reconnect New 4" Sewer Lateral to Join Exist Sewer Lateral Per City Std-405-L as Directed by the Engineer.	41	EA	$1,536.00	$62,976.00	$800.00	$32,800.00	$850.00	$34,850.00
45	Remove Existing Sewer Manhole & Vault (8'Lx10'Wx8'D) and Backfill. Resurface with 4" AC over 8" AB	1	LS	$2,700.00	$2,700.00	$6,000.00	$6,000.00	$11,000.00	$11,000.00
46	Core & Join Existing County Manhole. Grout Voids Around MH Inlet	1	LS	$1,100.00	$1,100.00	$8,000.00	$8,000.00	$7,400.00	$7,400.00
47	Remove Existing Cleanout & Re-Establish Sewer Lateral Per City Std-405-L as Directed by the City Engineer.	17	EA	$1,100.00	$18,700.00	$3,600.00	$61,200.00	$850.00	$14,450.00
48	Temporary Sewer By-Pass Systems	1	LS	$16,000.00	$16,000.00	$26,000.00	$26,000.00	$40,000.00	$40,000.00
49	Trench Safety Measures - Sewers	1	LS	$17,000.00	$17,000.00	$24,000.00	$24,000.00	$12,000.00	$12,000.00
50	Trench Dewatering	1	LS	$28,000.00	$28,000.00	$62,000.00	$62,000.00	$75,000.00	$75,000.00
51	Final Redline As-Built Plans	1	LS	$250.00	$250.00	$2,080.00	$2,080.00	$5,000.00	$5,000.00
	AS-BID			6TH	$1,767,152.00	7TH	$1,776,800.00	8TH	$1,930,290.00
								*as read	$1,851,471.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

ITEM	DESCRIPTION	QUANTITY		Vido Artukovich & Son	
				UNIT	AMOUNT
1	Mobilization/Demobilization and Cleanup	1	LS	$90,000.00	$90,000.00
2	Traffic Control	1	LS	$25,000.00	$25,000.00
3	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	200	LF	$130.00	$26,000.00
4	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	160	LF	$130.00	$20,800.00
5	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section F)	110	LF	$130.00	$14,300.00
6	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section G)	310	LF	$130.00	$40,300.00
7	Furnish/Install 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section H)	60	LF	$130.00	$7,800.00
8	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	450	LF	$125.00	$56,250.00
9	Furnish/Install 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section E)	310	LF	$125.00	$38,750.00
10	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section A2)	520	LF	$130.00	$67,600.00
11	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section B)	200	LF	$130.00	$26,000.00
12	Remove/Replace Existing Water Main with New 8" C-900 (CL 200) PVC Water Main & DI Fittings (Section C)	1,600	LF	$130.00	$208,000.00
13	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section A1)	900	LF	$125.00	$112,500.00
14	Remove/Replace Existing Water Main with New 6" C-900 (CL 200) PVC Water Main & DI Fittings (Section D)	1,170	LF	$125.00	$146,250.00
15	Remove Exist. Water Service & Install New 1" Service from New Main to Exist. Meter	192	EA	$700.00	$134,400.00
16	Remove Exist. Water Service & Install New 2" Service from New Main to Exist. Meter	8	EA	$1,500.00	$12,000.00
17	Furnish/Install 8" RW Gate Valve	13	EA	$1,400.00	$18,200.00
18	Furnish/Install 6" RW Gate Valve	15	EA	$1,000.00	$15,000.00
19	Furnish/Install Fire Hydrant Assembly (Tee, Thrust Blocks, Lateral, Bury, & FH)	10	EA	$4,000.00	$40,000.00
20	Furnish/Install 8" on 12" Hot Tap Assembly	1	EA	$3,500.00	$3,500.00
21	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 4" Water Lateral	2	EA	$1,800.00	$3,600.00
22	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 6" Water Main	8	EA	$2,000.00	$16,000.00
23	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 8" Water Main	8	EA	$2,000.00	$16,000.00
24	Remove & Dispose Portion of Exist Water Main and Fittings & Connect With New Transition Couplings and Fittings as Required to Join Exist 12" Water Main	1	EA	$2,500.00	$2,500.00
25	Construct Reinforced Concrete Collar @ New Valve Flush with Existing Boardwalk Per Details on Plans	7	EA	$1,500.00	$10,500.00
26	Furnish and Install Jacked 12-3/4" OD Steel Casing w/6" C-900 Pipe per City Std-529-L	42	LF	$100.00	$4,200.00
27	Furnish and Install Jacked 16" OD Steel Casing w/8" C-900 Pipe per City Std-529-L	14	LF	$100.00	$1,400.00
28	Furnish & Install 6"x4" DI Tee with 4" RW Gate Valve and Thrust Blocks	1	EA	$1,200.00	$1,200.00
29	Furnish & Install 8"x4" DI Tee with Thrust Blocks	1	EA	$1,500.00	$1,500.00
30	Construct Reinforced Concrete Boardwalk to Nearest Full Panel per City Std Specifications. Finish Conc to Match Adjacent Panels and Re-stripe to Match.	1,900	SF	$10.00	$19,000.00
31	Furnish/Install 4" C-900 (CL 200) PVC Water Main & DI Fittings	30	LF	$100.00	$3,000.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: Central Balboa Water & Sewer Improvements
CONTRACT NO.: C-4067
ENGINEER'S ESTIMATE: $1,634,690.00
PROJECT MANAGER: Alfred Castanon

BID LOCATION:
DATE: 10:00 AM
BY: AC DATE:

32	Remove and Replace Exist Interfering Concrete Pad or Sidewalk to Match Existing, Including Thickness and Reinforcement.	320	SF	$6.00	$1,920.00
33	Cut in new 8" RW Gate Valves with Fittings and Transition Couplings as Directed by the Engineer. Backfill and Resurface Per Plans	8	EA	$3,000.00	$24,000.00
34	Remove Exist 12" Gate Valve & Furnish/Install 12" RW Gate Valve	1	EA	$5,000.00	$5,000.00
35	Provide Temporary Water Main By-Pass and Service Connections	1	LS	$45,000.00	$45,000.00
36	Pressure Test, Disinfecting and Flushing of New Water Mains	1	LS	$10,000.00	$10,000.00
37	Trench Safety Measures - Water Systems	1	LS	$15,000.00	$15,000.00
38	Remove Existing Manhole & Construct New 48" Dia Manhole Per CNB Std-401-L and as Indicated on Plans	4	EA	$4,000.00	$16,000.00
39	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section B)	160	LF	$290.00	$46,400.00
40	Remove Exist 8" Sewer (Conc & VCP) & Replace w/8" VCP (XS) Pipe (Section D)	1,210	LF	$300.00	$363,000.00
41	Remove Existing 8" VCP Sewer & Replace with 8" VCP (XS) Pipe Point Repair (6' Max, 4' Min Repair Length Per Location)	4	EA	$5,000.00	$20,000.00
42	Construct new 48" Dia Manhole per CNB Std-401-L and as Indicated on Plans	1	EA	$3,500.00	$3,500.00
43	Remove Exist 4" Sewer Lateral and Furnish/Install New Sewer Lateral to Property Line Per City Std-405-L as Directed by the Engineer	42	EA	$800.00	$33,600.00
44	Reconnect New 4" Sewer Lateral to Join Exist Sewer Lateral Per City Std-405-L as Directed by the Engineer.	41	EA	$500.00	$20,500.00
45	Remove Existing Sewer Manhole & Vault (8'Lx10'Wx8'D) and Backfill. Resurface with 4" AC over 8" AB	1	LS	$4,000.00	$4,000.00
46	Core & Join Existing County Manhole. Grout Voids Around MH Inlet	1	LS	$3,500.00	$3,500.00
47	Remove Existing Cleanout & Re-Establish Sewer Lateral Per City Std-405-L as Directed by the City Engineer.	17	EA	$1,500.00	$25,500.00
48	Temporary Sewer By-Pass Systems	1	LS	$20,000.00	$20,000.00
49	Trench Safety Measures - Sewers	1	LS	$25,000.00	$25,000.00
50	Trench Dewatering	1	LS	$60,000.00	$60,000.00
51	Final Redline As-Built Plans	1	LS	$2,500.00	$2,500.00
	AS-BID			9TH	$1,925,970.00