

City of Los Angeles - Department of Public Works - Bureau of Engineering

Santa Monica Bay Low Flow Diversion Upgrades Package 4



Work Order No. EW40035F & EW40036F

DETAILED RESULTS				City Engineer's Estimate		GRIFFITH COMPANY		ZUSSER COMPANY, INC.		PPC CONSTRUCTION, INC.		PASCAL & LUDWIG CONSTRUCTORS	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION	LS			\$ 200,000.00		\$ 200,000.00		\$ 200,000.00		\$ 200,000.00		\$ 170,000.00
2	Allowance for Payment for Permits	LS			\$ 12,000.00		\$ 12,000.00		\$ 12,000.00		\$ 12,000.00		\$ 12,000.00
3	Allowance for Start Up Assistance	LS			\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00
4	Allowance for City Inspection	LS			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
5	Allowance for Differing Site Condition	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
6	Allowance for Opportunity to Partner	LS			\$ 2,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,000.00
7	Allowance for Additional Potholing	LS			\$ 3,000.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00
7	Allowance for City Office/Supplies	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
9	Allowance for DWP Service/Installations	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
PALISADES PARK LOW FLOW DIVERSION													
10	Traffic Control Requirements, including signs	LS			\$ 10,000.00		\$ 3,000.00		\$ 5,000.00		\$ 7,500.00		\$ 550.00
11	Field Office with air conditioning	LS			\$ 35,000.00		\$ 29,000.00		\$ 15,000.00		\$ 7,500.00		\$ 15,000.00
12	Storm drain bypass installation, including necessary equipment	LS			\$ 10,000.00		\$ 25,000.00		\$ 12,000.00		\$ 10,000.00		\$ 22,000.00
13	Sawcut and Remove Pavement	LS			\$ 19,800.00		\$ 5,500.00		\$ 10,000.00		\$ 8,375.00		\$ 4,600.00
14	Connections to existing Trash Maintenance Hole (MH). Convert to diversion structure. Plug abandoned piping	LS			\$ 34,060.00		\$ 8,000.00		\$ 5,000.00		\$ 8,000.00		\$ 9,575.00
15	Construction Dewatering, Treatment, Testing and Discharge	LS			\$ 211,000.00		\$ 47,000.00		\$ 100,000.00		\$ 48,000.00		\$ 84,495.00
16	Connection to Existing Wet Well	LS			\$ 9,660.00		\$ 6,000.00		\$ 3,000.00		\$ 6,700.00		\$ 5,340.00
17	Remove and/or abandon return line	LS			\$ 1,750.00		\$ 6,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,600.00
18	24" RCP (2000-D) (Case 1 Bedding)	LF	27	\$ 980.00	\$ 26,460.00	\$ 229.00	\$ 6,183.00	\$ 450.00	\$ 12,150.00	\$ 270.00	\$ 7,290.00	\$ 95.00	\$ 2,565.00
19	36" RCP (2000-D) (Case 1 Bedding)	LF	16	\$ 1,850.00	\$ 29,600.00	\$ 237.00	\$ 3,792.00	\$ 200.00	\$ 3,200.00	\$ 170.00	\$ 2,720.00	\$ 160.00	\$ 2,560.00
20	4" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, vault connections, existing force main connections but excluding valve vault, cam lok vault, flow meter and wet well piping	LF	37	\$ 2,670.00	\$ 98,790.00	\$ 353.00	\$ 13,061.00	\$ 150.00	\$ 5,550.00	\$ 180.00	\$ 6,660.00	\$ 185.00	\$ 6,845.00

City of Los Angeles - Department of Public Works - Bureau of Engineering

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Work Order No. EW40035F & EW40036F

DETAILED RESULTS			City Engineer's Estimate		GRIFFITH COMPANY		ZUSSER COMPANY, INC.		PPC CONSTRUCTION, INC.		PASCAL & LUDWIG CONSTRUCTORS		
21	4" Drain piping including fittings, cleanouts, vault connections, and MH connections	LS		\$ 11,490.00		\$ 10,000.00		\$ 15,000.00		\$ 10,300.00		\$ 10,200.00	
22	5' Diameter Trash Maintenance Hole including cast iron frame and cover, and stainless steel bar screen	EA	2	\$ 57,930.00	\$ 115,860.00	\$ 54,000.00	\$ 108,000.00	\$ 50,000.00	\$ 100,000.00	\$ 76,738.00	\$ 153,476.00	\$ 27,038.00	\$ 54,076.00
23	6' Diameter precast wet well including cast-in-place base, concrete wedge, cast-in-place slab cover, hatch cover and frame, and misc. pipe connections	EA	1	\$ 74,870.00	\$ 74,870.00	\$ 58,000.00	\$ 58,000.00	\$ 30,000.00	\$ 30,000.00	\$ 83,375.00	\$ 83,375.00	\$ 98,574.00	\$ 98,574.00
24	5' x 7' cast-in-place valve vault including 4" drain grate, hatch cover and frame	EA	1	\$ 26,860.00	\$ 26,860.00	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ 20,000.00	\$ 27,500.00	\$ 27,500.00	\$ 44,108.00	\$ 44,108.00
25	Shoring of open excavations for structures, RCP and 4" force main	LS			\$ 172,220.00		\$ 134,000.00		\$ 180,000.00		\$ 100,000.00		\$ 221,765.00
26	Pump System (2) including installation of pump base, submersible pump, wet well piping and fittings, valve vault valves, piping and fittings, and spare parts	LS			\$ 78,480.00		\$ 34,000.00		\$ 130,000.00		\$ 60,950.00		\$ 27,822.00
27	Magnetic Flow meter including precast concrete vault, hatch cover and frame, 4" drain grate, pipe, and fittings.	EA	1	\$ 12,260.00	\$ 12,260.00	\$ 13,500.00	\$ 13,500.00	\$ 12,000.00	\$ 12,000.00	\$ 10,435.00	\$ 10,435.00	\$ 8,914.00	\$ 8,914.00
28	Cam Lok coupling including precast concrete vault, hatch cover and frame, plug valve, cam lok fitting and 4" drain grate.	EA	1	\$ 11,670.00	\$ 11,670.00	\$ 11,000.00	\$ 11,000.00	\$ 8,000.00	\$ 8,000.00	\$ 14,235.00	\$ 14,235.00	\$ 12,545.00	\$ 12,545.00
29	Electrical Work including manual transfer switch and generator plug	LS			\$ 107,120.00		\$ 35,000.00		\$ 33,000.00		\$ 33,300.00		\$ 32,000.00
30	Instrumentation and Control including flow meter and ultrasonic level sensors	LS			\$ 95,720.00		\$ 65,100.00		\$ 70,000.00		\$ 66,310.00		\$ 80,000.00
31	Permanent parking lot resurfacing, including bollards and restriping	LS			\$ 10,240.00		\$ 32,000.00		\$ 12,000.00		\$ 21,575.00		\$ 20,225.00
SANTA MONICA LOW FLOW DIVERSION													
32	Traffic Control Requirements, including Signs	LS			\$ 10,000.00		\$ 3,000.00		\$ 5,000.00		\$ 7,500.00		\$ 550.00
33	Sawcut and remove pavement, curb and sidewalk	LS			\$ 51,870.00		\$ 5,500.00		\$ 10,000.00		\$ 14,000.00		\$ 4,640.00
34	Construction Dewatering, Treatment, Testing and Discharge	LS			\$ 250,000.00		\$ 67,000.00		\$ 170,000.00		\$ 63,000.00		\$ 108,690.00

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DETAILED RESULTS			City Engineer's Estimate		GRIFFITH COMPANY		ZUSSER COMPANY, INC.		PPC CONSTRUCTION, INC.		PASCAL & LUDWIG CONSTRUCTORS		
35	24" RCP (2000-D) (Case 1 Bedding)	LF	43	\$ 570.00	\$ 24,510.00	\$ 696.00	\$ 29,928.00	\$ 150.00	\$ 6,450.00	\$ 220.00	\$ 9,460.00	\$ 315.00	\$ 13,545.00
36	16" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, reducer, vault connections, but excluding valve vault, flow meter, cam lok vault and wet well piping	LF	36	\$ 930.00	\$ 33,480.00	\$ 714.00	\$ 25,704.00	\$ 1,000.00	\$ 36,000.00	\$ 310.00	\$ 11,160.00	\$ 427.00	\$ 15,372.00
37	4" Drain piping including fittings, cleanouts, vault connections, and MH connections	LS			\$ 7,180.00		\$ 8,000.00		\$ 5,000.00		\$ 4,150.00		\$ 2,410.00
38	10" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, reducer, vault connections, but excluding valve vault, flow meter, cam lok vault and wet well piping	LF	5	\$ 4,440.00	\$ 22,200.00	\$ 316.00	\$ 1,580.00	\$ 500.00	\$ 2,500.00	\$ 340.00	\$ 1,700.00	\$ 265.00	\$ 1,325.00
39	9' x 9' Trash Maintenance Hole Structure including sluice gates, hatch covers and frames, MH cover & frame, and stainless steel bar screen	LS			\$ 176,080.00		\$ 112,000.00		\$ 100,000.00		\$ 180,100.00		\$ 144,533.00
40	12' x 20' ID cast-in-place wet well including cast-in-place base, concrete wedge, cast-in-place slab cover, hatch covers & frames, and misc. pipe connections	EA	1	\$ 430,420.00	\$ 430,420.00	\$ 207,000.00	\$ 207,000.00	\$ 170,000.00	\$ 170,000.00	\$ 298,615.00	\$ 298,615.00	\$ 228,815.00	\$ 228,815.00
41	12' x 9' cast-in-place valve vault including 4" drain grate, hatch cover and frame	EA	1	\$ 57,340.00	\$ 57,340.00	\$ 49,000.00	\$ 49,000.00	\$ 65,000.00	\$ 65,000.00	\$ 53,500.00	\$ 53,500.00	\$ 51,200.00	\$ 51,200.00
42	Shoring of open excavations for structures, 24" RCP and 16/10" force main	LS			\$ 369,080.00		\$ 220,000.00		\$ 260,000.00		\$ 219,500.00		\$ 292,360.00
43	Pump Systems (3) including installation of pump bases, submersible pumps, wet well piping and fittings, valve vault valves, piping and fittings, and spare parts	LS			\$ 461,990.00		\$ 234,000.00		\$ 340,000.00		\$ 232,200.00		\$ 249,360.00
44	Magnetic Flow meter including precast concrete vault, hatch cover and frame, pipe, drain grate, and fittings.	EA	1	\$ 15,870.00	\$ 15,870.00	\$ 15,870.00	\$ 18,100.00	\$ 16,000.00	\$ 16,000.00	\$ 13,700.00	\$ 13,700.00	\$ 12,291.00	\$ 12,291.00
45	5' Diameter Maintenance Hole with cast iron frame and cover	EA	1	\$ 13,570.00	\$ 13,570.00	\$ 13,570.00	\$ 11,000.00	\$ 7,000.00	\$ 7,000.00	\$ 11,500.00	\$ 11,500.00	\$ 7,200.00	\$ 7,200.00
46	Electrical Work including manual transfer switch and generator receptacle	LS			\$ 107,750.00		\$ 54,000.00		\$ 5,000.00		\$ 40,000.00		\$ 43,000.00
47	Instrumentation and Control including flow meter and ultrasonic level sensors and reinstalling existing floats and gas detector	LS			\$ 160,380.00		\$ 149,052.00		\$ 45,000.00		\$ 147,000.00		\$ 158,000.00
48	Permanent parking lot resurfacing including restriping	LS			\$ 18,910.00		\$ 46,000.00		\$ 14,000.00		\$ 35,500.00		\$ 21,600.00
49	Storm drain bypass and Relocate 2" Waterline	LS			\$ 33,260.00		\$ 15,000.00		\$ 7,000.00		\$ 17,500.00		\$ 5,000.00
TOTAL BID AMOUNT:					\$ 3,798,800.00		\$ 2,279,000.00		\$ 2,398,850.00		\$ 2,408,286.00		\$ 2,448,250.00
						{ Low }	-40.01%	{ Low }	-36.85%	{ Low }	-36.60%	{ Low }	-35.55%

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DETAILED RESULTS				City Engineer's Estimate		LOS ANGELES ENGINEERING, INC.		CLARKE CONTRACTING CORPORATION		MMC, INC.		BLOIS CONSTRUCTING, INC.	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION	LS			\$ 200,000.00		\$ 200,000.00		\$ 200,000.00		\$ 150,000.00		\$ 200,000.00
2	Allowance for Payment for Permits	LS			\$ 12,000.00		\$ 12,000.00		\$ 12,000.00		\$ 12,000.00		\$ 12,000.00
3	Allowance for Start Up Assistance	LS			\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00
4	Allowance for City Inspection	LS			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
5	Allowance for Differing Site Condition	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
6	Allowance for Opportunity to Partner	LS			\$ 2,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,000.00
7	Allowance for Additional Potholing	LS			\$ 3,000.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00
7	Allowance for City Office/Supplies	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
9	Allowance for DWP Service/Installations	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
PALISADES PARK LOW FLOW DIVERSION													
10	Traffic Control Requirements, including signs	LS			\$ 10,000.00		\$ 12,800.00		\$ 5,000.00		\$ 40,000.00		\$ 11,630.00
11	Field Office with air conditioning	LS			\$ 35,000.00		\$ 23,500.00		\$ 11,000.00		\$ 20,000.00		\$ 8,492.00
12	Storm drain bypass installation, including necessary equipment	LS			\$ 10,000.00		\$ 11,620.00		\$ 1,755.00		\$ 30,000.00		\$ 19,576.00
13	Sawcut and Remove Pavement	LS			\$ 19,800.00		\$ 6,043.00		\$ 4,000.00		\$ 10,000.00		\$ 3,649.00
14	Connections to existing Trash Maintenance Hole (MH). Convert to diversion structure. Plug abandoned piping	LS			\$ 34,060.00		\$ 2,680.00		\$ 4,300.00		\$ 30,000.00		\$ 6,615.00
15	Construction Dewatering, Treatment, Testing and Discharge	LS			\$ 211,000.00		\$ 126,621.00		\$ 64,350.00		\$ 125,000.00		\$ 57,007.00
16	Connection to Existing Wet Well	LS			\$ 9,660.00		\$ 3,143.00		\$ 4,000.00		\$ 36,000.00		\$ 4,940.00
17	Remove and/or abandon return line	LS			\$ 1,750.00		\$ 515.00		\$ 1,500.00		\$ 6,000.00		\$ 1,530.00
18	24" RCP (2000-D) (Case 1 Bedding)	LF	27	\$980.00	\$ 26,460.00	\$ 128.00	\$ 3,456.00	\$ 150.00	\$ 4,050.00	\$ 1,222.22	\$ 32,999.94	\$ 459.00	\$ 12,393.00
19	36" RCP (2000-D) (Case 1 Bedding)	LF	16	\$1,850.00	\$ 29,600.00	\$ 172.00	\$ 2,752.00	\$ 230.00	\$ 3,680.00	\$ 1,875.00	\$ 30,000.00	\$ 425.00	\$ 6,800.00
20	4" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, vault connections, existing force main connections but excluding valve vault, cam lok vault, flow meter and wet well piping	LF	37	\$2,670.00	\$ 98,790.00	\$ 135.00	\$ 4,995.00	\$ 175.00	\$ 6,475.00	\$ 810.81	\$ 29,999.97	\$ 180.00	\$ 6,660.00

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DETAILED RESULTS			City Engineer's Estimate		LOS ANGELES ENGINEERING, INC.		CLARKE CONTRACTING CORPORATION		MMC, INC.		BLOIS CONSTRUCTING, INC.		
21	4" Drain piping including fittings, cleanouts, vault connections, and MH connections	LS		\$ 11,490.00		\$ 7,000.00		\$ 5,600.00		\$ 36,000.00		\$ 5,137.00	
22	5' Diameter Trash Maintenance Hole including cast iron frame and cover, and stainless steel bar screen	EA	2	\$ 57,930.00	\$ 115,860.00	\$ 68,400.00	\$ 136,800.00	\$ 35,000.00	\$ 70,000.00	\$ 60,000.00	\$ 120,000.00	\$ 41,192.00	\$ 82,384.00
23	6' Diameter precast wet well including cast-in-place base, concrete wedge, cast-in-place slab cover, hatch cover and frame, and	EA	1	\$ 74,870.00	\$ 74,870.00	\$ 80,000.00	\$ 80,000.00	\$ 38,000.00	\$ 38,000.00	\$ 180,000.00	\$ 180,000.00	\$ 33,641.00	\$ 33,641.00
24	5' x 7' cast-in-place valve vault including 4" drain grate, hatch cover and frame	EA	1	\$ 26,860.00	\$ 26,860.00	\$ 41,000.00	\$ 41,000.00	\$ 28,000.00	\$ 28,000.00	\$ 30,000.00	\$ 30,000.00	\$ 34,022.00	\$ 34,022.00
25	Shoring of open excavations for structures, RCP and 4" force main	LS		\$ 172,220.00		\$ 100,000.00		\$ 357,000.00		\$ 150,000.00		\$ 246,691.00	
26	Pump System (2) including installation of pump base, submersible pump, wet well piping and fittings, valve vault valves, piping and fittings, and spare parts	LS		\$ 78,480.00		\$ 32,000.00		\$ 175,000.00		\$ 90,000.00		\$ 25,227.00	
27	Magnetic Flow meter including precast concrete vault, hatch cover and frame, 4" drain grate, pipe, and fittings.	EA	1	\$ 12,260.00	\$ 12,260.00	\$ 22,445.00	\$ 22,445.00	\$ 8,000.00	\$ 8,000.00	\$ 45,000.00	\$ 45,000.00	\$ 15,424.00	\$ 15,424.00
28	Cam Lok coupling including precast concrete vault, hatch cover and frame, plug valve, cam lok fitting and 4" drain grate.	EA	1	\$ 11,670.00	\$ 11,670.00	\$ 14,800.00	\$ 14,800.00	\$ 11,500.00	\$ 11,500.00	\$ 30,000.00	\$ 30,000.00	\$ 10,866.00	\$ 10,866.00
29	Electrical Work including manual transfer switch and generator plug	LS		\$ 107,120.00		\$ 40,500.00		\$ 60,000.00		\$ 50,000.00		\$ 39,540.00	
30	Instrumentation and Control including flow meter and ultrasonic level sensors	LS		\$ 95,720.00		\$ 77,200.00		\$ 90,000.00		\$ 100,000.00		\$ 90,383.00	
31	Permanent parking lot resurfacing, including bollards and restriping	LS		\$ 10,240.00		\$ 24,000.00		\$ 12,000.00		\$ 50,000.00		\$ 27,910.00	
SANTA MONICA LOW FLOW DIVERSION													
32	Traffic Control Requirements, including Signs	LS		\$ 10,000.00		\$ 10,300.00		\$ 5,000.00		\$ 36,000.00		\$ 4,549.00	
33	Sawcut and remove pavement, curb and sidewalk	LS		\$ 51,870.00		\$ 9,008.00		\$ 5,000.00		\$ 15,000.00		\$ 5,318.00	
34	Construction Dewatering, Treatment, Testing and Discharge	LS		\$ 250,000.00		\$ 141,000.00		\$ 87,750.00		\$ 140,000.00		\$ 123,318.00	

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DETAILED RESULTS			City Engineer's Estimate		LOS ANGELES ENGINEERING, INC.		CLARKE CONTRACTING CORPORATION		MMC, INC.		BLOIS CONSTRUCTING, INC.		
35	24" RCP (2000-D) (Case 1 Bedding)	LF	43	\$ 570.00	\$ 24,510.00	\$ 121.00	\$ 5,203.00	\$ 450.00	\$ 19,350.00	\$ 1,186.05	\$ 51,000.15	\$ 1,869.00	\$ 80,367.00
36	16" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, reducer, vault connections, but excluding valve vault, flow meter, cam lok vault and wet well piping	LF	36	\$ 930.00	\$ 33,480.00	\$ 195.00	\$ 7,020.00	\$ 500.00	\$ 18,000.00	\$ 1,000.00	\$ 36,000.00	\$ 1,901.00	\$ 68,436.00
37	4" Drain piping including fittings, cleanouts, vault connections, and MH connections	LS			\$ 7,180.00		\$ 5,900.00		\$ 3,700.00		\$ 25,000.00		\$ 13,149.00
38	10" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, reducer, vault connections, but excluding valve vault, flow meter, cam lok vault and wet well piping	LF	5	\$ 4,440.00	\$ 22,200.00	\$ 303.00	\$ 1,515.00	\$ 300.00	\$ 1,500.00	\$ 2,400.00	\$ 12,000.00	\$ 421.00	\$ 2,105.00
39	9' x 9' Trash Maintenance Hole Structure including sluice gates, hatch covers and frames, MH cover & frame, and stainless steel bar screen	LS			\$ 176,080.00		\$ 120,000.00		\$ 120,000.00		\$ 120,000.00		\$ 164,952.00
40	12' x 20' ID cast-in-place wet well including cast-in-place base, concrete wedge, cast-in-place slab cover, hatch covers & frames, and misc. pipe connections	EA	1	\$ 430,420.00	\$ 430,420.00	\$ 275,200.00	\$ 275,200.00	\$ 334,000.00	\$ 334,000.00	\$ 180,000.00	\$ 180,000.00	\$ 274,226.00	\$ 274,225.00
41	12' x 9' cast-in-place valve vault including 4" drain grate, hatch cover and frame	EA	1	\$ 57,340.00	\$ 57,340.00	\$ 54,200.00	\$ 54,200.00	\$ 75,000.00	\$ 75,000.00	\$ 60,000.00	\$ 60,000.00	\$ 41,935.00	\$ 41,935.00
42	Shoring of open excavations for structures, 24" RCP and 16/10" force main	LS			\$ 369,080.00		\$ 264,000.00		\$ 374,000.00		\$ 200,000.00		\$ 563,727.00
43	Pump Systems (3) including installation of pump bases, submersible pumps, wet well piping and fittings, valve vault valves, piping and fittings, and spare parts	LS			\$ 461,990.00		\$ 235,000.00		\$ 225,000.00		\$ 150,000.00		\$ 162,679.00
44	Magnetic Flow meter including precast concrete vault, hatch cover and frame, pipe, drain grate, and fittings.	EA	1	\$ 15,870.00	\$ 15,870.00	\$ 16,700.00	\$ 16,700.00	\$ 10,000.00	\$ 10,000.00	\$ 50,000.00	\$ 50,000.00	\$ 38,466.00	\$ 38,466.00
45	5' Diameter Maintenance Hole with cast iron frame and cover	EA	1	\$ 13,570.00	\$ 13,570.00	\$ 8,600.00	\$ 8,600.00	\$ 6,000.00	\$ 6,000.00	\$ 25,000.00	\$ 25,000.00	\$ 12,094.00	\$ 12,094.00
46	Electrical Work including manual transfer switch and generator receptacle	LS			\$ 107,750.00		\$ 51,000.00		\$ 52,000.00		\$ 50,000.00		\$ 58,509.00
47	Instrumentation and Control including flow meter and ultrasonic level sensors and reinstalling existing floats and gas detector	LS			\$ 160,380.00		\$ 177,084.00		\$ 189,000.00		\$ 180,000.00		\$ 181,758.00
48	Permanent parking lot resurfacing including restriping	LS			\$ 18,910.00		\$ 35,800.00		\$ 26,000.00		\$ 36,000.00		\$ 47,448.00
49	Storm drain bypass and Relocate 2" Waterline	LS			\$ 33,260.00		\$ 5,400.00		\$ 5,000.00		\$ 20,000.00		\$ 14,468.00
TOTAL BID AMOUNT:				\$ 3,798,800.00		\$ 2,548,800.00		\$ 2,873,510.00		\$ 2,959,000.06		\$ 2,960,020.00	
						{ Low }	-32.91%	{ Low }	-22.11%	{ Low }	-22.08%	{ Low }	-22.08%

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Work Order No. EW40035F & EW40036F

DETAILED RESULTS				City Engineer's Estimate		MIKE PRlich AND SONS, INC.		ENVIRONMENTAL CONSTRUCTION, INC		MLADEN BUNTICH CONSTRUCTION CO., INC.		CEDRO CONSTRUCTION, INC.	
BID ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
1	MOBILIZATION	LS			\$ 200,000.00		\$ 200,000.00		\$ 200,000.00		\$ 200,000.00		\$ 200,000.00
2	Allowance for Payment for Permits	LS			\$ 12,000.00		\$ 12,000.00		\$ 12,000.00		\$ 12,000.00		\$ 12,000.00
3	Allowance for Start Up Assistance	LS			\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00		\$ 20,000.00
4	Allowance for City Inspection	LS			\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00		\$ 10,000.00
5	Allowance for Differing Site Condition	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
6	Allowance for Opportunity to Partner	LS			\$ 2,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,000.00		\$ 2,000.00
7	Allowance for Additional Potholing	LS			\$ 3,000.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00		\$ 3,000.00
7	Allowance for City Office/Supplies	LS			\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
9	Allowance for DWP Service/Installations	LS			\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
PALISADES PARK LOW FLOW DIVERSION													
10	Traffic Control Requirements, including signs	LS			\$ 10,000.00		\$ 7,000.00		\$ 50,000.00		\$ 20,000.00		\$ 27,500.00
11	Field Office with air conditioning	LS			\$ 35,000.00		\$ 20,000.00		\$ 10,000.00		\$ 18,000.00		\$ 38,500.00
12	Storm drain bypass installation, including necessary equipment	LS			\$ 10,000.00		\$ 17,000.00		\$ 40,000.00		\$ 80,000.00		\$ 55,000.00
13	Sawcut and Remove Pavement	LS			\$ 19,800.00		\$ 20,000.00		\$ 3,035.00		\$ 20,000.00		\$ 27,649.00
14	Connections to existing Trash Maintenance Hole (MH). Convert to diversion structure. Plug abandoned piping	LS			\$ 34,060.00		\$ 10,000.00		\$ 32,670.00		\$ 16,000.00		\$ 36,300.00
15	Construction Dewatering, Treatment, Testing and Discharge	LS			\$ 211,000.00		\$ 150,000.00		\$ 117,350.00		\$ 75,000.00		\$ 110,000.00
16	Connection to Existing Wet Well	LS			\$ 9,660.00		\$ 6,000.00		\$ 19,500.00		\$ 11,000.00		\$ 18,150.00
17	Remove and/or abandon return line	LS			\$ 1,750.00		\$ 3,000.00		\$ 3,250.00		\$ 3,000.00		\$ 42,350.00
18	24" RCP (2000-D) (Case 1 Bedding)	LF	27	\$ 980.00	\$ 26,460.00	\$ 1,000.00	\$ 27,000.00	\$ 1,000.00	\$ 27,000.00	\$ 2,500.00	\$ 67,500.00	\$ 550.00	\$ 14,850.00
19	36" RCP (2000-D) (Case 1 Bedding)	LF	16	\$ 1,850.00	\$ 29,600.00	\$ 1,000.00	\$ 16,000.00	\$ 1,500.00	\$ 24,000.00	\$ 1,200.00	\$ 19,200.00	\$ 1,100.00	\$ 17,600.00
20	4" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, vault connections, existing force main connections but excluding valve vault, cam lok vault, flow meter and wet well piping	LF	37	\$ 2,670.00	\$ 98,790.00	\$ 700.00	\$ 25,900.00	\$ 200.00	\$ 7,400.00	\$ 3,000.00	\$ 111,000.00	\$ 220.00	\$ 8,140.00

City of Los Angeles - Department of Public Works - Bureau of Engineering

Santa Monica Bay Low Flow Diversion Upgrades Package 4



Work Order No. EW40035F & EW40036F

DETAILED RESULTS			City Engineer's Estimate		MIKE PRILICH AND SONS, INC.		ENVIRONMENTAL CONSTRUCTION, INC		MLADEN BUNTICH CONSTRUCTION CO., INC.		CEDRO CONSTRUCTION, INC.		
21	4" Drain piping including fittings, cleanouts, vault connections, and MH connections	LS		\$ 11,490.00		\$ 21,000.00		\$ 18,000.00		\$ 12,000.00		\$ 18,150.00	
22	5' Diameter Trash Maintenance Hole including cast iron frame and cover, and stainless steel bar screen	EA	2	\$ 57,930.00	\$ 115,860.00	\$ 12,000.00	\$ 24,000.00	\$ 70,188.00	\$ 140,376.00	\$ 55,000.00	\$ 110,000.00	\$ 20,603.00	\$ 41,206.00
23	6' Diameter precast wet well including cast-in-place base, concrete wedge, cast-in-place slab cover, hatch cover and frame, and misc. pipe connections	EA	1	\$ 74,870.00	\$ 74,870.00	\$ 110,000.00	\$ 110,000.00	\$ 44,150.00	\$ 44,150.00	\$ 35,000.00	\$ 35,000.00	\$ 27,475.00	\$ 27,475.00
24	5' x 7' cast-in-place valve vault including 4" drain grate, hatch cover and frame	EA	1	\$ 26,860.00	\$ 26,860.00	\$ 35,000.00	\$ 35,000.00	\$ 15.00	\$ 15.00	\$ 33,000.00	\$ 33,000.00	\$ 33,732.00	\$ 33,732.00
25	Shoring of open excavations for structures, RCP and 4" force main	LS		\$ 172,220.00		\$ 430,000.00		\$ 246,300.00		\$ 675,000.00		\$ 305,800.00	
26	Pump System (2) including installation of pump base, submersible pump, wet well piping and fittings, valve vault valves, piping and fittings, and spare parts	LS		\$ 78,480.00		\$ 70,000.00		\$ 45,150.00		\$ 260,000.00		\$ 565,506.00	
27	Magnetic Flow meter including precast concrete vault, hatch cover and frame, 4" drain grate, pipe, and fittings.	EA	1	\$ 12,260.00	\$ 12,260.00	\$ 8,000.00	\$ 8,000.00	\$ 21,870.00	\$ 21,870.00	\$ 23,000.00	\$ 23,000.00	\$ 16,638.00	\$ 16,638.00
28	Cam Lok coupling including precast concrete vault, hatch cover and frame, plug valve, cam lok fitting and 4" drain grate.	EA	1	\$ 11,670.00	\$ 11,670.00	\$ 6,000.00	\$ 6,000.00	\$ 23,693.00	\$ 23,693.00	\$ 20,000.00	\$ 20,000.00	\$ 20,075.00	\$ 20,075.00
29	Electrical Work including manual transfer switch and generator plug	LS		\$ 107,120.00		\$ 30,000.00		\$ 57,500.00		\$ 29,000.00		\$ 50,000.00	
30	Instrumentation and Control including flow meter and ultrasonic level sensors	LS		\$ 95,720.00		\$ 75,000.00		\$ 102,500.00		\$ 70,000.00		\$ 85,740.00	
31	Permanent parking lot resurfacing, including bollards and restriping	LS		\$ 10,240.00		\$ 24,000.00		\$ 11,990.00		\$ 25,000.00		\$ 71,638.00	
SANTA MONICA LOW FLOW DIVERSION													
32	Traffic Control Requirements, including Signs	LS		\$ 10,000.00		\$ 9,000.00		\$ 50,000.00		\$ 10,000.00		\$ 33,000.00	
33	Sawcut and remove pavement, curb and sidewalk	LS		\$ 51,870.00		\$ 32,000.00		\$ 5,331.00		\$ 25,000.00		\$ 27,500.00	
34	Construction Dewatering, Treatment, Testing and Discharge	LS		\$ 250,000.00		\$ 150,000.00		\$ 117,350.00		\$ 75,000.00		\$ 137,500.00	

City of Los Angeles - Department of Public Works - Bureau of Engineering

Santa Monica Bay Low Flow Diversion Upgrades Package 4



Work Order No. EW40035F & EW40036F

DETAILED RESULTS			City Engineer's Estimate		MIKE PRILICH AND SONS, INC.		ENVIRONMENTAL CONSTRUCTION, INC		MLADEN BUNTICH CONSTRUCTION CO., INC.		CEDRO CONSTRUCTION, INC.		
35	24" RCP (2000-D) (Case 1 Bedding)	LF	43	\$ 570.00	\$ 24,510.00	\$ 800.00	\$ 34,400.00	\$ 1,000.00	\$ 43,000.00	\$ 950.00	\$ 40,850.00	\$ 550.00	\$ 23,650.00
36	16" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, reducer, vault connections, but excluding valve vault, flow meter, cam lok vault and wet well piping	LF	36	\$ 930.00	\$ 33,480.00	\$ 450.00	\$ 16,200.00	\$ 450.00	\$ 16,200.00	\$ 900.00	\$ 32,400.00	\$ 1,100.00	\$ 39,600.00
37	4" Drain piping including fittings, cleanouts, vault connections, and MH connections	LS			\$ 7,180.00		\$ 15,000.00		\$ 6,348.00		\$ 5,500.00		\$ 30,250.00
38	10" DIP (Class 350) (Case 1 Bedding) including fittings, thrust restraint, reducer, vault connections, but excluding valve vault, flow meter, cam lok vault and wet well piping	LF	5	\$ 4,440.00	\$ 22,200.00	\$ 1,000.00	\$ 5,000.00	\$ 200.00	\$ 1,000.00	\$ 1,400.00	\$ 7,000.00	\$ 1,100.00	\$ 5,500.00
39	9' x 9' Trash Maintenance Hole Structure including sluice gates, hatch covers and frames, MH cover & frame, and stainless steel bar screen	LS			\$ 176,080.00		\$ 80,000.00		\$ 165,545.00		\$ 175,000.00		\$ 127,173.00
40	12' x 20' ID cast-in-place wet well including cast-in-place base, concrete wedge, cast-in-place slab cover, hatch covers & frames, and misc. pipe connections	EA	1	\$ 430,420.00	\$ 430,420.00	\$ 193,000.00	\$ 193,000.00	\$ 409,174.00	\$ 409,174.00	\$ 275,000.00	\$ 275,000.00	\$ 246,180.00	\$ 246,180.00
41	12' x 9' cast-in-place valve vault including 4" drain grate, hatch cover and frame	EA	1	\$ 57,340.00	\$ 57,340.00	\$ 51,000.00	\$ 51,000.00	\$ 53,325.00	\$ 53,325.00	\$ 60,000.00	\$ 60,000.00	\$ 62,876.00	\$ 62,876.00
42	Shoring of open excavations for structures, 24" RCP and 16/10" force main	LS			\$ 369,080.00		\$ 670,407.50		\$ 258,190.00		\$ 485,000.00		\$ 413,050.00
43	Pump Systems (3) including installation of pump bases, submersible pumps, wet well piping and fittings, valve vault valves, piping and fittings, and spare parts	LS			\$ 461,990.00		\$ 100,000.00		\$ 364,328.00		\$ 395,000.00		\$ 646,525.00
44	Magnetic Flow meter including precast concrete vault, hatch cover and frame, pipe, drain grate, and fittings.	EA	1	\$ 15,870.00	\$ 15,870.00	\$ 18,000.00	\$ 18,000.00	\$ 15,108.00	\$ 15,108.00	\$ 40,000.00	\$ 40,000.00	\$ 27,638.00	\$ 27,638.00
45	5' Diameter Maintenance Hole with cast iron frame and cover	EA	1	\$ 13,570.00	\$ 13,570.00	\$ 10,000.00	\$ 10,000.00	\$ 123,275.00	\$ 123,275.00	\$ 7,500.00	\$ 7,500.00	\$ 7,150.00	\$ 7,150.00
46	Electrical Work including manual transfer switch and generator receptacle	LS			\$ 107,750.00		\$ 40,000.00		\$ 69,600.00		\$ 45,000.00		\$ 55,599.00
47	Instrumentation and Control including flow meter and ultrasonic level sensors and reinstalling existing floats and gas detector	LS			\$ 160,380.00		\$ 153,000.00		\$ 213,300.00		\$ 150,000.00		\$ 166,366.00
48	Permanent parking lot resurfacing including restriping	LS			\$ 18,910.00		\$ 49,000.00		\$ 19,640.00		\$ 25,000.00		\$ 49,500.00
49	Storm drain bypass and Relocate 2" Waterline	LS			\$ 33,260.00		\$ 80,000.00		\$ 36,000.00		\$ 10,000.00		\$ 38,500.00
TOTAL BID AMOUNT:					\$ 3,798,800.00		\$ 3,192,907.50		\$ 3,364,463.00		\$ 3,947,950.00		\$ 4,121,556.00
						{ Low }	-15.95%	{ Low }	-11.43%	{ High }	3.93%	{ High }	8.50%