

Item No.	Item Description	Unit	Quantity	Laskey-Clifton		RK Construction		Pacific Excavation	
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
SCHEDULE 1 SANITARY SEWER PROJECT									
PART A - INDUSTRIAL PARK, MAIN PUMP STATION AND CONNECTION TO CITY SEWER									
SEWER SYSTEM									
1	Mobilization - Part A	LS	1	\$ 222,000.00	\$ 222,000.00	\$ 85,000.00	\$ 85,000.00	\$ 180,000.00	\$ 180,000.00
2	Furnish and Place 4" minus Aggregate Construction Entrance	LS	150	\$ 40.25	\$ 6,037.50	\$ 55.00	\$ 8,250.00	\$ 55.00	\$ 8,250.00
3	Furnish and Apply Hydroseed	LS	16,000	\$ 0.09	\$ 1,440.00	\$ 0.86	\$ 13,760.00	\$ 0.25	\$ 4,000.00
4	Furnish and Install Silt Fence	LF	1,600	\$ 4.25	\$ 6,800.00	\$ 4.25	\$ 6,800.00	\$ 5.00	\$ 8,000.00
5	Furnish and Construct Inlet Protection	LF	4	\$ 76.00	\$ 304.00	\$ 135.00	\$ 540.00	\$ 125.00	\$ 500.00
6	Furnish Traffic Control	LF	320	\$ 72.20	\$ 23,104.00	\$ 95.00	\$ 30,400.00	\$ 125.00	\$ 40,000.00
7	Furnish and Install 8" Gravity Sewer including excavation, backfill and compaction	LF	450	\$ 154.75	\$ 69,637.50	\$ 118.00	\$ 53,100.00	\$ 140.00	\$ 63,000.00
8	Furnish and Install Sanitary Manhole with Pre-Cast Base, including excavation, backfill and compaction	LF	4	\$ 6,208.00	\$ 24,832.00	\$ 9,500.00	\$ 38,000.00	\$ 9,000.00	\$ 36,000.00
9	Locate, Furnish and Install Sewer Laterals from Building to new Gravity Sewer including excavation, backfill and compaction	LF	3	\$ 3,935.00	\$ 11,805.00	\$ 7,200.00	\$ 21,600.00	\$ 3,000.00	\$ 9,000.00
10	Remove and Dispose of Onsite Sewage System	EA	1	\$ 7,454.00	\$ 7,454.00	\$ 25,800.00	\$ 25,800.00	\$ 12,500.00	\$ 12,500.00
11	Furnish and Place Straw Mulch	EA	16,000	\$ 0.15	\$ 2,400.00	\$ 0.30	\$ 4,800.00	\$ 0.20	\$ 3,200.00
12	Furnish and Install 2.0" HDPE Force Mainline including all Fittings, Excavation, Backfill and Compaction - Open Trenching	EA	650	\$ 76.35	\$ 49,627.50	\$ 46.80	\$ 30,420.00	\$ 135.00	\$ 87,750.00
13	Furnish and Install 2.0" HDPE Force Mainline In Bridge Conduit	EA	400	\$ 22.25	\$ 8,900.00	\$ 85.00	\$ 34,000.00	\$ 45.00	\$ 18,000.00
14	Furnish and Install 4" Bridge Conduit and Brackets	EA	350	\$ 91.50	\$ 32,025.00	\$ 125.00	\$ 43,750.00	\$ 280.00	\$ 98,000.00
15	Furnish and Install - Directional Boring and 2.0" HDPE Pipe and fittings STA 69+50 - 73+80. Includes Bore pit, Alignment holes and De-watering.	EA	430	\$ 71.75	\$ 30,852.50	\$ 46.80	\$ 20,124.00	\$ 140.00	\$ 60,200.00
16	Furnish and Install Directional Boring and Casing Under RR, STA 25+00 - 26+40. Includes Borepits and De-watering.	EA	140	\$ 1,933.00	\$ 270,620.00	\$ 1,815.00	\$ 254,100.00	\$ 1,750.00	\$ 245,000.00
17	Furnish and Install 2" HDPE Pipe and Fittings from vault at Sta 24+85 through Casing to PS03. Including Excavation, Backfill and Compaction.	EA	160	\$ 89.00	\$ 14,240.00	\$ 178.50	\$ 28,560.00	\$ 175.00	\$ 28,000.00
18	Furnish Flagmen as Required by Railroad	EA	1	\$ 55,501.00	\$ 55,501.00	\$ 30,000.00	\$ 30,000.00	\$ 12,500.00	\$ 12,500.00
19	Connect to City Sewer, Includes CIPP of Sewer Line to Next Downstream MH, Install Inline MH provided by City. Bypass sewage flows. Repair all surfaces.	EA	1	\$ 78,604.00	\$ 78,604.00	\$ 63,120.00	\$ 63,120.00	\$ 50,000.00	\$ 50,000.00
20	Import and Place 3/4" minus Granular Fill	EA	1,000	\$ 28.48	\$ 28,480.00	\$ 95.00	\$ 95,000.00	\$ 50.00	\$ 50,000.00
21	Export Trench Spoils	EA	800	\$ 3.54	\$ 2,832.00	\$ 34.00	\$ 27,200.00	\$ 5.00	\$ 4,000.00
22	Demo Existing Stormdrain, Furnish and Install 18" Stormdrain with Two Inlet Structures and Outfall. Sta 61+00 - 64+00. Including Excavation, Backfill and Compaction.	EA	300	\$ 220.25	\$ 66,075.00	\$ 300.00	\$ 90,000.00	\$ 275.00	\$ 82,500.00
23	Furnish and Install 10'x10'x 8' Concrete Vault with Cover at Sta 24+85. Includes Excavation, Backfill and Compaction.	EA	1	\$ 48,839.00	\$ 48,839.00	\$ 50,130.00	\$ 50,130.00	\$ 50,000.00	\$ 50,000.00
24	Testing of HDPE and Gravity Sewer Pipe	EA	1,500	\$ 13.00	\$ 19,500.00	\$ 7.75	\$ 11,625.00	\$ 5.00	\$ 7,500.00
PUMP SYSTEM									
1	Furnish & Install - Complete OneLift RC509 1300 Pump Station Wetwell, Piping & Valves	EA	1	\$ 204,000.00	\$ 204,000.00	\$ 109,200.00	\$ 109,200.00	\$ 200,000.00	\$ 200,000.00
2	Furnish & Install Wetwell Excavation, Placement and Backfill.	EA	1	\$ 30,000.00	\$ 30,000.00	\$ 13,000.00	\$ 13,000.00	\$ 70,000.00	\$ 70,000.00
3	Furnish and Install High Tide Monitoring - Master Station	EA	1	\$ 5,100.00	\$ 5,100.00	\$ 6,981.00	\$ 6,981.00	\$ 37,000.00	\$ 37,000.00
4	Furnish and Install Pump Station Electrical Distribution from New 480 V Service Includes Panels, Breakers, Conduit and Wiring.	EA	1	\$ 42,200.00	\$ 42,200.00	\$ 38,057.00	\$ 38,057.00	\$ 40,000.00	\$ 40,000.00
5	Furnish and Install 2 Pumps with Pump Connect Fittings, Guide Rails, Removal Chain and all Mechanical and Electrical Systems with Controls.	EA	1	\$ 4,068.00	\$ 4,068.00	\$ 103,000.00	\$ 103,000.00	\$ 30,000.00	\$ 30,000.00
6	Conduct Pump Station Turn-up and Testing	EA	1	\$ 3,153.00	\$ 3,153.00	\$ 3,380.00	\$ 3,380.00	\$ 10,000.00	\$ 10,000.00
SCHEDULE 1 SANITARY SEWER PROJECT									
PART B - BOATYARD									
SEWER SYSTEM									
1	Mobilization Part B	LS	1	\$ 7,600.00	\$ 7,600.00	\$ 72,000.00	\$ 72,000.00	\$ 150,000.00	\$ 150,000.00
2	Furnish and Place 4" minus Aggregate Construction Entrance	TN	150	\$ 40.25	\$ 6,037.50	\$ 56.00	\$ 8,400.00	\$ 55.00	\$ 8,250.00
3	Furnish and Apply Hydroseed	SF	24000	\$ 0.09	\$ 2,160.00	\$ 0.86	\$ 20,640.00	\$ 0.25	\$ 6,000.00
4	Furnish and Install Silt Fence	LF	2400	\$ 3.91	\$ 9,384.00	\$ 4.25	\$ 10,200.00	\$ 5.00	\$ 12,000.00
5	Furnish and Construct Inlet Protection	EA	6	\$ 76.00	\$ 456.00	\$ 135.00	\$ 810.00	\$ 125.00	\$ 750.00
6	Furnish Traffic Control	HR	320	\$ 72.20	\$ 23,104.00	\$ 95.00	\$ 30,400.00	\$ 125.00	\$ 40,000.00
7	Furnish and Place Straw Mulch	SF	24000	\$ 0.15	\$ 3,600.00	\$ 0.30	\$ 7,200.00	\$ 0.20	\$ 4,800.00
8	OPEN TRENCH - Furnish and Install 2" HDPE Sanitary Force Main - Including Type 2 Geogrid Repair, Excavation, Backfill and Compaction	LF	1744	\$ 56.30	\$ 98,187.20	\$ 92.50	\$ 161,320.00	\$ -	\$ -
9	BORING OPTION - Furnish and Install 2" HDPE Sanitary Force Main - Including Boring, Bore Pit, Clear Obstructions and Backfill	LF	1744	\$ 90.50	\$ 157,832.00	\$ 46.80	\$ 81,619.20	\$ 75.00	\$ 130,800.00
10	Furnish and Install 2" HDPE Sanitary Force Main In Casing- Including Type 1 Geogrid Repair	LF	520	\$ 70.50	\$ 36,660.00	\$ 145.00	\$ 75,400.00	\$ 25.00	\$ 13,000.00
11	Furnish and Install 6 "DI Casing	LF	520	\$ 29.10	\$ 15,132.00	\$ 48.50	\$ 25,220.00	\$ 130.00	\$ 67,600.00
12	Import and Place 3/4" minus Granular Fill	TN	1500	\$ 28.48	\$ 42,720.00	\$ 95.00	\$ 142,500.00	\$ 45.00	\$ 67,500.00
13	Export Trench Spoils	CY	1000	\$ 0.01	\$ 10.00	\$ 34.00	\$ 34,000.00	\$ 5.00	\$ 5,000.00
14	Testing of HDPE Pipe	LF	2500	\$ 1.50	\$ 3,750.00	\$ 7.75	\$ 19,375.00	\$ 5.00	\$ 12,500.00
PUMP SYSTEMS									
1	Furnish & Install - Package Pump Station Wetwell, Piping & Valves	EA	2	\$ 58,350.00	\$ 116,700.00	\$ 37,440.00	\$ 74,880.00	\$ 58,000.00	\$ 116,000.00
2	Furnish & Install Wetwell Excavation, Placement, Dewatering and 35 cy of Antibuoyancy Concrete for each Pump Station.	EA	2	\$ 35,600.00	\$ 71,200.00	\$ 25,500.00	\$ 51,000.00	\$ 26,000.00	\$ 52,000.00

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3	Furnish and Install Pump Station Electrical Distribution. Includes Panels, Breakers, Conduit and Wiring from Warehouse for PS01 and Pre Installed Conduit for PS02.	EA	2	\$ 35,000.00	\$ 70,000.00	\$ 31,942.00	\$ 63,884.00	\$ 33,000.00	\$ 66,000.00
4	Furnish and Install High Tide Station	EA	2	\$ 5,100.00	\$ 10,200.00	\$ 6,981.00	\$ 13,962.00	\$ 37,000.00	\$ 74,000.00
5	Furnish and Install 2 Pumps in each station with Pump Connect Fittings, Guide Rails, Removal Chain and all Mechanical and Electrical Systems with Controls.	EA	2	\$ 3,725.00	\$ 7,450.00	\$ 36,330.00	\$ 72,660.00	\$ 20,000.00	\$ 40,000.00
6	Conduct Pump Station Turn-up and Testing	EA	2	\$ 3,192.00	\$ 6,384.00	\$ 2,350.00	\$ 4,700.00	\$ 10,000.00	\$ 20,000.00
SCHEDULE 2 WASHDOWN PAD WASTEWATER & STORMWATER COLLECTION AND TREATMENT									
WASHDOWN PAD, DRAINAGE SYSTEM AND TANKS									
1	Mobilization Schedule 2	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 116,000.00	\$ 116,000.00	\$ 150,000.00	\$ 150,000.00
2	Furnish and Install Washdown Water Treatment Tank including all Piping	LS	1	\$ 145,900.00	\$ 145,900.00	\$ 148,000.00	\$ 148,000.00	\$ 145,000.00	\$ 145,000.00
3	Furnish and Install Stormwater Vault and Piping, Connect to Existing Outfall	LS	1	\$ 22,700.00	\$ 22,700.00	\$ 52,385.00	\$ 52,385.00	\$ 30,000.00	\$ 30,000.00
4	Furnish and Install Biochar in Tank and Vault	CY	100	\$ 234.25	\$ 23,425.00	\$ 115.00	\$ 11,500.00	\$ 160.00	\$ 16,000.00
5	Furnish and Install Rebar Mat for Washdown Pad	LS	1	\$ 205,262.00	\$ 205,262.00	\$ 330,644.00	\$ 330,644.00	\$ 200,000.00	\$ 200,000.00
6	Furnish and Install Concrete for Washdown Pad (complete) Use GP Special Mix	Cy	1851	\$ 501.95	\$ 929,109.45	\$ 421.60	\$ 780,381.60	\$ 655.00	\$ 1,212,405.00
7	Furnish and Place 3/4" Minus Aggregate Base to Replace Unsuitable Excavated Material	CY	2000	\$ 74.40	\$ 148,800.00	\$ 137.60	\$ 275,200.00	\$ 90.00	\$ 180,000.00
8	Furnish and Install Drainage Systems (washdown and stormwater). Includes all Excavation, Drainage Inlet with Covers, Piping and Fittings.	LS	1	\$ 158,000.00	\$ 158,000.00	\$ 204,765.00	\$ 204,765.00	\$ 170,000.00	\$ 170,000.00
9	Furnish and Install Aluminum high pressure compressed air line and branch lines as shown on sheet WD02. Connect to existing compressed air system at boathouse.	LS	1	\$ 73,600.00	\$ 73,600.00	\$ 70,230.00	\$ 70,230.00	\$ 95,000.00	\$ 95,000.00
PUMP SYSTEM									
1	Furnish and Install Complete Package Pump Station Wetwell with Valves and Piping	LS	1	\$ 67,600.00	\$ 67,600.00	\$ 37,440.00	\$ 37,440.00	\$ 75,000.00	\$ 75,000.00
2	Furnish and Install Electrical Distribution for Pump Station. Includes Panels, Breakers, Conduit and Wiring from Power Distribution Container	LS	1	\$ 34,100.00	\$ 34,100.00	\$ 31,128.00	\$ 31,128.00	\$ 32,000.00	\$ 32,000.00
3	Furnish and Install High Tide Station	EA	1	\$ 5,100.00	\$ 5,100.00	\$ 6,981.00	\$ 6,981.00	\$ 37,000.00	\$ 37,000.00
4	Furnish and Install 2 Pumps with Pump Connect Fitting, Guide Rails, Removal Chain and all Mechanical and Electrical Systems with Controls.	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 36,336.00	\$ 36,336.00	\$ 17,000.00	\$ 17,000.00
5	Conduct Pump Station Turn-up and Testing	EA	1	\$ 911.00	\$ 911.00	\$ 2,350.00	\$ 2,350.00	\$ 10,000.00	\$ 10,000.00
6	Conduct Complete Washdown and Stormwater System Turnup and Testing	EA	1	\$ 911.00	\$ 911.00	\$ 2,850.00	\$ 2,850.00	\$ 5,000.00	\$ 5,000.00
TOTALS				Laskey-Clifton	\$ 3,892,416.15	RK Construction	\$ 4,416,057.80	Pacific Excavation	\$ 4,805,505.00