

Item	Description	Unit	Quantity	Associated Const Total	CSA Constructor Total	CSA Constructor Total	Keeley Construct Total	Keeley Construct Total	
Base Bid									
Part A - GENERAL									
A1	Mobilization (5% Maximum)	LS	1.00	\$600,000.00	\$600,000.00	\$400,000.00	\$400,000.00	\$800,000.00	\$800,000.00
A2	Bonds and Insurance (2% Maximum)	AL	1.00	\$168,000.00	\$168,000.00	\$100,000.00	\$100,000.00	\$157,000.00	\$157,000.00
A3	Allowance for Fine-Bubble Diffuser System Repair	AL	1.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
A4	Allowance for Additional Concrete Basin Wall Leak Repair	AL	1.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
A5	Allowance for Unforeseen Items	AL	1.00	\$800,000.00	\$800,000.00	\$800,000.00	\$800,000.00	\$800,000.00	\$800,000.00
A6	Allowance for Permits	AL	1.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
A7	Extra Work: Additional 24-inch Concrete Pier Depth	VLF	100.00	\$200.00	\$20,000.00	\$200.00	\$20,000.00	\$550.00	\$55,000.00
A8	Extra Work: 14" 2205 Duplex SS Pipe with connections, furnished and installed	LF	100.00	\$850.00	\$85,000.00	\$400.00	\$40,000.00	\$1,200.00	\$120,000.00
A9	Extra Work: 10" 2205 Duplex SS Pipe with connections, furnished and installed	LF	100.00	\$550.00	\$55,000.00	\$300.00	\$30,000.00	\$800.00	\$80,000.00
A10	Extra Work: 8" 2205 Duplex SS Pipe with connections, furnished and installed	LF	100.00	\$420.00	\$42,000.00	\$200.00	\$20,000.00	\$700.00	\$70,000.00
A11	Extra Work: Concrete Roadway (8") Repair, furnished and installed	SY	100.00	\$175.00	\$17,500.00	\$150.00	\$15,000.00	\$300.00	\$30,000.00
Sub Totals					\$1,957,500.00		\$1,595,000.00		\$2,282,000.00
Part B - BROADW									
B1	Construction of all Work required for the Broadway WWTP Rehabilitation per the plans and specifications, complete in place, and placed in operation (except for Bid Items as listed separately below) per Lump Sum. The quantities listed in the separate bid items below are estimates. Any additional quantities required to complete the work shown on the drawings are included in this lump sum amount.	LS	1.00	\$294,000.00	\$294,000.00	\$3,040,025.00	\$3,040,025.00	\$795,000.00	\$795,000.00
B2	Construction of all electrical and instrumentation work required for the Broadway WWTP Rehabilitation per the plans and specifications, complete in place, and placed in operation (except for Bid Items as listed separately below) per Lump Sum. The quantities listed in the separate bid items below are estimates. Any additional quantities required to complete the work shown on the drawings are included in this lump sum amount.	LS	1.00	\$385,000.00	\$385,000.00	\$500,000.00	\$500,000.00	\$470,000.00	\$470,000.00
B3	Conduct Concrete Testing as described in the contract documents per Lump Sum	LS	1.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$48,000.00	\$48,000.00
B4	Furnish and install concrete basin wall crack repair per SECTION 03 64 00 HYDROPHILIC INJECTION GROUTING, complete in place, per Linear Foot of surface crack length for a 2-foot thick wall at locations directed by the Owner.	LF	700.00	\$120.00	\$84,000.00	\$95.00	\$66,500.00	\$90.00	\$63,000.00
B5	Furnish and install concrete basin wall crack repair per SECTION 03 64 00 HYDROPHILIC INJECTION GROUTING, complete in place, per Linear Foot of surface crack length for less than a 2-foot thick wall or channel bottom at locations directed by the Owner.	LF	300.00	\$120.00	\$36,000.00	\$85.00	\$25,500.00	\$90.00	\$27,000.00
Sub Totals					\$824,000.00		\$3,637,025.00		\$1,403,000.00
Part C - SITE WO									
C1	Trench Safety System development, design and implementation as required by the Occupational Safety and Health Administration and assumption of responsibility for plan and control, per Lump Sum.	LS	1.00	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$66,000.00	\$66,000.00
C2	Stormwater Pollution Protection Plan development, design, and implementation and assumption of responsibility for plan and control, per Lump Sum.	LS	1.00	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00	\$20,000.00	\$20,000.00
C3	Seeding and sodding, including all related items, complete and in place, per Lump Sum	LS	1.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$14,000.00	\$14,000.00

C4	Furnish and install Hot Mix Asphaltic Concrete Pavement and sub-base per SECTION 02 54 24 HOT MIX ASPHALTIC CONCRETE PAVEMENT and as shown on 05-Series Drawings in place, per Square Yard.	SY	810.00	\$75.00	\$60,750.00	\$70.00	\$56,700.00	\$80.00	\$64,800.00
C5	Furnish and install the 16-inch PVC Aeration Basin Drain Line (6'-10' Depth), including connections, DIP fittings and appurtenances, excavation and backfill, complete in place, per Linear Foot	LF	276.00	\$1,200.00	\$331,200.00	\$700.00	\$193,200.00	\$2,100.00	\$579,600.00
C6	Furnish and install the 16-inch plug valves and operators for Aeration Basin Drain Lines, complete in place, per Each.	EA	4.00	\$42,000.00	\$168,000.00	\$35,000.00	\$140,000.00	\$59,000.00	\$236,000.00
C7	Furnish and install the Aeration Basin Drain Line Valve Vaults complete in place, per Each.	EA	4.00	\$1,500.00	\$6,000.00	\$15,000.00	\$60,000.00	\$50,000.00	\$200,000.00
C8	Furnish and install the 12-inch PVC Aerated Sludge Basin Drain Line (6'-10' Depth), including connections, DIP fittings and appurtenances, excavation and backfill, as shown in the 01-Series drawings, complete in place, per Linear Foot.	LF	322.00	\$750.00	\$241,500.00	\$250.00	\$80,500.00	\$800.00	\$257,600.00
C9	Furnish and install the 6-inch PVC Septage Hauler Dump Station Drain Line (0'-6' Depth), including connections, fittings and appurtenances, excavation and backfill, as shown in the 01-Series drawings, complete in place, per Linear Foot.	LF	190.00	\$350.00	\$66,500.00	\$100.00	\$19,000.00	\$270.00	\$51,300.00
C10	Furnish and install the two 72-inch FRP manholes, including connections, fittings, and appurtenances as shown in the 01-Series drawings and described in the contract documents.	EA	2.00	\$40,000.00	\$80,000.00	\$15,000.00	\$30,000.00	\$57,000.00	\$114,000.00
C11	Furnish and install the Fiber Optic Duct bank along the southern property line, complete in place, as shown on the 01-Series Drawings, including any required concrete encasement and reinforcement, per Linear Foot.	LF	1,100.00	\$160.00	\$176,000.00	\$145.00	\$159,500.00	\$140.00	\$154,000.00
Sub Totals					\$1,152,450.00		\$749,900.00		\$1,757,300.00

Part D - RESACA

D1	Demolish existing odor control system at Resaca Lift Station including but not limited to all piping, electrical and appurtenances as shown on 04-Series Drawings and described in the specifications, including disposal of all material, per Lump Sum	LS	1.00	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$27,000.00	\$27,000.00
D2	Furnish and Install the Odor Control System at Resaca Lift Station, including bioscrubber, carbon scrubber, fans, sample assembly, hose station, fittings, and appurtenances, complete in place and operational, as shown on the 04-Series Drawings and described in the contract documents, per Lump Sum.	LS	1.00	\$850,000.00	\$850,000.00	\$1,000,000.00	\$1,000,000.00	\$650,000.00	\$650,000.00
D3	Furnish and install the 24-inch diameter by 42 feet long Concrete Piers, complete in place, for the Odor Control System as shown on the 04-Series Drawings, per Vertical Linear Foot.	VLF	504.00	\$200.00	\$100,800.00	\$160.00	\$80,640.00	\$700.00	\$352,800.00
D4	Furnish and Install the concrete slab, mow strip, and equipment pads for the Odor Control System at Resaca Lift Station, including reinforcing, appurtenances, and finishing complete in place, per Cubic Yard.	CY	95.00	\$1,000.00	\$95,000.00	\$1,000.00	\$95,000.00	\$1,600.00	\$152,000.00
D5	Furnish and install the canopy for the Odor Control Electrical and Control Panels, including supports, anchor bolts, and appurtenances, complete in place, per Lump Sum	LS	1.00	\$25,000.00	\$25,000.00	\$12,000.00	\$12,000.00	\$30,000.00	\$30,000.00
D6	Furnish and install the 18-inch FRP ductwork for the Odor Control System including but not limited to fittings, joints, pipe supports, dampers, and appurtenances, complete in place, per Linear Foot.	LF	83.00	\$2,300.00	\$190,900.00	\$2,200.00	\$182,600.00	\$500.00	\$41,500.00
D7	Furnish and install PVC pipe, 2-inch or less in diameter for the Odor Control System including but not limited to fittings, joints, valves, heat tracing, insulation, and appurtenances, as shown on the 04-Series Drawings, complete in place, per Linear Foot	LF	115.00	\$175.00	\$20,125.00	\$90.00	\$10,350.00	\$120.00	\$13,800.00
D8	Furnish and install PVC, greater than 2-inch in diameter for the Odor Control System including but not limited to fittings, joints, valves, heat tracing, insulation, and appurtenances, complete in place, per Linear Foot	LF	75.00	\$200.00	\$15,000.00	\$100.00	\$7,500.00	\$160.00	\$12,000.00

D9	Furnish and install the Resaca Lift Station and Odor Control System electrical, instrumentation, and controls including but not limited to wire, conduit, fittings, panels, ductbank, and all appurtenances as shown in the 04-Series Drawings and described in the contract documents, complete and operational, per Lump Sum.	1.00		\$300,000.00	\$300,000.00	\$250,000.00	\$250,000.00	\$330,000.00	\$330,000.00
			LS						
D10	Furnish and install the PLC replacement for the Generator ATS, as shown in the 04-Series Drawings and described in the contract documents, complete and in operation, per Lump Sum.	1.00		\$150,000.00	\$150,000.00	\$135,000.00	\$135,000.00	\$170,000.00	\$170,000.00
			LS						
Sub Totals					\$1,796,825.00		\$1,833,090.00		\$1,779,100.00

Part E - SEPTAGE

E1	Furnish and Install the Septage Receiving Station equipment, per SECTION 46 21 83 SEPTAGE RECEIVING STATION and as shown in the 05-Series Drawings including fittings, couplings and appurtenances, complete in place and operational, as shown and described in the contract documents.	1.00		\$370,000.00	\$370,000.00	\$330,000.00	\$330,000.00	\$540,000.00	\$540,000.00
			LS						
E2	Furnish and install the 2-inch PVC SCH. 80 washwater piping, including fittings and appurtenances, complete in place for the Septage Receiving Station, per Linear Foot.	50.00		\$150.00	\$7,500.00	\$100.00	\$5,000.00	\$150.00	\$7,500.00
			LF						
E3	Furnish and install the 6-inch DIP Pipe (Class 350) piping, including fittings, supports, and appurtenances, complete in place for the Septage Receiving Station, per Linear Foot.	51.00		\$300.00	\$15,300.00	\$125.00	\$6,375.00	\$850.00	\$43,350.00
			LF						
E4	Furnish and install the 24" diameter by 42-foot long Concrete Piers , complete in place, for the Septage Hauler Dump Station, per Vertical Linear Foot.	336.00		\$200.00	\$67,200.00	\$130.00	\$43,680.00	\$650.00	\$218,400.00
			VLF						
E5	Furnish and Install the concrete slab and equipment pads for the Odor Control System at Resaca Lift Station, including reinforcing, appurtenances, and finishing complete in place, per Cubic Yard.	34.00		\$1,000.00	\$34,000.00	\$2,500.00	\$85,000.00	\$2,000.00	\$68,000.00
			CY						
E6	Furnish and install the electrical, instrumentation and control equipment for the Septage Receiving Station, complete in place and operational, as shown and described in the contract documents, per Lump Sum.	1.00		\$100,000.00	\$100,000.00	\$90,000.00	\$90,000.00	\$180,000.00	\$180,000.00
			LS						
Sub Totals					\$594,000.00		\$560,055.00		\$1,057,250.00

Part F - HEADWC

F1	Construction of all Work required at the Headworks as shown in the 11-Series drawings and specifications, complete in place, and placed in operation (except for Bid Items as listed separately below) per Lump Sum. The quantities listed in the separate bid items below are estimates. Any additional quantities required to complete the work shown on the drawings are included in this lump sum amount.	1.00		\$600,000.00	\$600,000.00	\$800,000.00	\$800,000.00	\$850,000.00	\$850,000.00
			LS						
F2	Furnish and install 1-inch PVC, Schedule 80, for the Headworks Washwater Piping, including fittings, complete in place, per Linear Foot.	100.00		\$125.00	\$12,500.00	\$100.00	\$10,000.00	\$100.00	\$10,000.00
			LF						
F3	Furnish and install concrete coating in Headworks Effluent Splitter Boxes, including cleaning, concrete preparation, coating preparation, coating, and touch-up as required, complete in place, per Square Foot.	840.00		\$40.00	\$33,600.00	\$55.00	\$46,200.00	\$100.00	\$84,000.00
			SF						
F4	Furnish and install Expansion Joint Sealing System per SECTION 07 92 00 JOINT SEALANTS Item 2.2.H., in the Splitter Box Effluent Chambers, as shown on Sheet 11-M-06.,complete in place, including surface preparation, per Linear Foot.	256.00		\$55.00	\$14,080.00	\$80.00	\$20,480.00	\$50.00	\$12,800.00
			LF						
F5	Furnish and install the electrical and instrumentation improvements at the Headworks as shown on the 11-Series drawings including demolition, conduit, wire, receptacles, heat trace, panels, and insulation, complete in place and operational, per Lump Sum.	1.00		\$420,000.00	\$420,000.00	\$400,000.00	\$400,000.00	\$500,000.00	\$500,000.00
			LS						
Sub Totals					\$1,080,180.00		\$1,276,680.00		\$1,456,800.00

Part G - AERATIO

G1	Construction of all Work required at the Aeration Basins as shown in the 21-Series drawings and specifications, complete in place, and placed in operation (except for Bid Items as listed separately below) per Lump Sum. The quantities listed in the separate bid items below are estimates. Any additional quantities required to complete the work shown on the drawings are included in this lump sum amount.	LS	1.00	\$575,000.00	\$575,000.00	\$400,000.00	\$400,000.00	\$100,000.00	\$100,000.00	
G2	Furnish and install the Hot-Dip Galvanized Steel Support Columns for the Aeration Basin East Wall, complete in place, per each support.	EA	14.00	\$2,500.00	\$35,000.00	\$2,500.00	\$35,000.00	\$3,800.00	\$53,200.00	
G3	Furnish and install the Exterior Effluent Trough Leveling, complete in place as shown on the drawings, per Lump Sum	LS	1.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$8,500.00	\$8,500.00	
G4	Furnish and install the Micropile Foundations (30 total, depth determined by Micropile Contractors), complete in place, per Each.	EA	30.00	\$12,000.00	\$360,000.00	\$6,000.00	\$180,000.00	\$11,000.00	\$330,000.00	
G5	Conduct Sacrificial Micropile Verification Load Testing as described in the contract documents per Each test	EA	2.00	\$25,000.00	\$50,000.00	\$15,000.00	\$30,000.00	\$35,000.00	\$70,000.00	
G6	Conduct Micropile Proof Load Testing as described in the contract documents per Each test.	EA	2.00	\$15,000.00	\$30,000.00	\$5,000.00	\$10,000.00	\$3,500.00	\$7,000.00	
G7	Furnish and install the Concrete Pile Cap (91' long, 3' wide, 3' tall + 1' slab), complete in place, per Cubic Yard	CY	43.00	\$1,200.00	\$51,600.00	\$2,500.00	\$107,500.00	\$1,300.00	\$55,900.00	
G8	Furnish and install Expansion Joint Sealing System per SECTION 07 92 00 JOINT SEALANTS Item 2.2.H., complete in place, including surface preparation, per Linear Foot.	LF	1,050.00	\$55.00	\$57,750.00	\$75.00	\$78,750.00	\$85.00	\$89,250.00	
G9	Furnish and install the Aeration Basin 2205 Duplex Stainless Steel Piping, fittings, couplings, and appurtenances, complete in place, per Lump Sum.	LS	1.00	\$650,000.00	\$650,000.00	\$600,000.00	\$600,000.00	\$55,000.00	\$55,000.00	
G10	Furnish and install the instrumentation and control improvements for the Blowers as described in the specifications and as shown on the 22-Series Drawings, complete in place and operational, per Lump Sum.	LS	1.00	\$1,600,000.00	\$1,600,000.00	\$1,450,000.00	\$1,450,000.00	\$1,955,000.00	\$1,955,000.00	
Sub Totals					\$3,424,350.00		\$2,911,250.00		\$2,723,850.00	
Part H - RAS/WA										
H1	Construction of all Work required at the RAS/WAS Pump Station shown in the 25-Series drawings and specifications, complete in place, and placed in operation (except for Bid Items as listed separately below) per Lump Sum.	LS	1.00	\$175,000.00	\$175,000.00	\$200,000.00	\$200,000.00	\$490,000.00	\$490,000.00	
H2	Furnish and install the electrical, instrumentation and control improvements as shown and described in the contract documents for the RAS/WAS Pump Station as shown on the 25-Series Drawings, complete in place and operational per Lump Sum	LS	1.00	\$30,000.00	\$30,000.00	\$25,000.00	\$25,000.00	\$25,500.00	\$25,500.00	
Sub Totals					\$205,000.00		\$225,000.00		\$515,500.00	
Grand Total					\$11,034,305.00		\$12,788,000.00		\$12,974,800.00	
Alternate 1										
Part I - ADDITIVE										
I1a	Construction of all Work required to replace existing Secondary Clarifiers No. 1 and No. 2 with new clarifier equipment as shown in the 24-Series drawings, contract documents and specifications, complete in place, and placed in operation (except for Bid Item as listed separately below) per Lump Sum.	LS	1.00	\$2,400,000.00	\$2,400,000.00	\$2,388,000.00	\$2,388,000.00	\$3,390,000.00	\$3,390,000.00	
I1b	Furnish and install the electrical and instrumentation equipment and appurtenances for the Secondary Clarifiers No. 1 and No. 2, complete in place, as shown in the 24-Series Drawings and described in the contract documents, per Lump Sum.	LS	1.00	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00	\$47,000.00	\$47,000.00	
Sub Totals					\$2,450,000.00		\$2,428,000.00		\$3,437,000.00	
Grand Total					\$2,450,000.00		\$2,428,000.00		\$3,437,000.00	