

Aeration Blower System Emergency Power and Secondary Clarifier Nos. 1 and 2 Rehabilitation Project

Advertised: 03/12/2021

Bid Due on May 04, 2021 2:00 PM (PDT)

Item	Description	Unit of Measure	Quantity	Farr Construction Corporation dba Resource Development Company	TNT Industrial Contractors Inc.	Vinciguerra Construction, Inc.	Engineer's Estimate
BASE BID SCHEDULE A: SECONDARY CLARIFIER NO. 1							
1	Mobilization and demobilization including bonds and insurance, and cleanup. (Note: this lump sum figure cannot exceed 10 percent of the total amount of Bid Schedule A (excluding this item.))	LS	1	\$86,600.00	\$143,613.00	\$150,000.00	\$80,000.00
2	Secondary Clarifier No.1 Rehabilitation work including demolition work, launder covers, concrete rehabilitation work, and installation of new RAS piping, electrical and instrumentation work, and all ancillary work associated with these facilities, complete as shown and as specified in these Contract Documents, excluding only work listed in the other bid items herein.	LS	1	\$1,082,250.00	\$833,329.00	\$800,000.00	\$814,978.56
3	Secondary Clarifier No. 1 Sludge Collector Mechanisms equipment, goods and services included in the pre-negotiated cost proposal from Ovivo USA. Refer to the Contract Documents for details. This item does not include the installation of the equipment, the cost of which shall be included in Bid Item 4. Sales tax of 7.75% is included.	LS	1	\$272,537.00	\$272,537.00	\$272,537.00	\$272,537.46
4	Secondary Clarifier No. 1 Sludge Collector Mechanism Equipment installation, including startup and testing for a fully functional system.	LS	1	\$42,000.00	\$91,135.00	\$250,000.00	\$209,763.28
5	Secondary Clarifier No. 1 Sludge Collector Mechanism concrete foundation including inlet piping, sump, subgrade preparation, formwork, concrete, and all materials and labor associated with installation of the new foundation.	LS	1	\$105,500.00	\$115,102.00	\$150,000.00	\$97,977.31
6	Provide, install, and maintain erosion control measures and other required BMPs complete and in place.	LS	1	\$7,300.00	\$6,212.00	\$25,000.00	\$16,000.00
7	Dewatering of excavations.	LS	1	\$122,500.00	\$30,419.00	\$50,000.00	\$37,888.00
8	Installation and maintenance of shoring and soil stabilization for worker safety in accordance with OSHA and District requirements.	LS	1	\$7,300.00	\$77,362.00	\$50,000.00	\$5,897.27
9	Structural concrete repairs for tank walls and floor.	SF	100	\$25,200.00	\$8,300.00	\$5,000.00	\$48,000.00
10	Concrete crack repair using epoxy injection system.	LF	100	\$10,600.00	\$17,200.00	\$2,500.00	\$18,944.00
11	Allowance for unknown underground conditions.	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
			Subtotal	\$1,786,787.00	\$1,620,209.00	\$1,780,037.00	\$1,626,985.88
BASE BID SCHEDULE B: SECONDARY CLARIFIER NO. 2							
12	Mobilization and demobilization including bonds and insurance, and cleanup. (Note: this lump sum figure cannot exceed 10 percent of the total amount of Bid Schedule B (excluding this item.))	LS	1	\$91,800.00	\$148,987.00	\$150,000.00	\$80,000.00
13	Secondary Clarifier No. 2 Rehabilitation work including demolition work, launder covers, concrete rehabilitation work, and installation of new RAS piping, electrical and instrumentation work, and all ancillary work associated with these facilities, complete as shown and as specified in these Contract Documents, excluding only work listed in the other bid items herein.	LS	1	\$966,400.00	\$770,425.00	\$800,000.00	\$811,695.71
14	Secondary Clarifier No. 2 Sludge Collector Mechanisms equipment, goods and services included in the pre-negotiated cost proposal from Ovivo USA. Refer to the Contract Documents for details. This item does not include the installation of the equipment, the cost of which shall be included in Bid Item 15. Sales tax of 7.75% is included.	LS	1	\$272,537.00	\$272,537.00	\$272,537.00	\$272,537.46
15	Secondary Clarifier No. 2 Sludge Collector Mechanism Equipment installation, including startup and testing for a fully functional system.	LS	1	\$44,800.00	\$88,765.00	\$250,000.00	\$209,763.28
16	Secondary Clarifier No. 2 Sludge Collector Mechanism concrete foundation including inlet piping, sump, subgrade preparation, formwork, concrete, and all materials and labor associated with installation of the new foundation.	LS	1	\$114,600.00	\$112,580.00	\$150,000.00	\$97,977.31
17	Provide, install, and maintain erosion control measures and other required BMPs complete and in place.	LS	1	\$7,800.00	\$5,937.00	\$25,000.00	\$16,000.00
18	Dewatering of excavations.	LS	1	\$124,600.00	\$29,537.00	\$50,000.00	\$37,888.00
19	Installation and maintenance of shoring and soil stabilization for worker safety in accordance with OSHA and District requirements.	LS	1	\$7,900.00	\$76,039.00	\$35,000.00	\$5,897.27
20	Structural concrete repairs for tank walls and floor.	SF	100	\$26,600.00	\$7,500.00	\$5,000.00	\$48,000.00
21	Concrete crack repair using epoxy injection system.	LF	100	\$10,700.00	\$17,200.00	\$2,500.00	\$18,944.00
22	Allowance for unknown underground conditions.	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
			Subtotal	\$1,692,737.00	\$1,554,507.00	\$1,765,037.00	\$1,623,703.03
BID SCHEDULE C: AERATION BLOWER SYSTEM EMERGENCY POWER IMPROVEMENTS							
23	Mobilization and demobilization including bonds and insurance, and cleanup. (Note: this lump sum figure cannot exceed 10 percent of the total amount of Bid Schedule C (excluding this item.))	LS	1	\$41,200.00	\$141,821.00	\$100,000.00	\$124,742.42
24	Aeration Blower System Emergency Power System improvements including construction of all work associated with the new standby generator, generator concrete pad and civil improvements, automatic transfer switch, and all conduit and wiring, complete as shown and as specified in these Contract Documents, excluding only work listed in the other bid items herein.	LS	1	\$811,700.00	\$1,072,753.00	\$825,000.00	\$763,720.25

25	Standby Generator equipment, goods and services included in the pre-negotiated Procurement Contract with Caterpillar, which will be assigned to the CONTRACTOR. Refer to the Contract Documents for details. This item does not include the installation of the equipment, the cost of which shall be included in Bid Item 24. Sales tax of 7.75% is included.	LS	1	\$265,315.00	\$265,315.00	\$265,315.00	\$265,314.98
26	Provide, install, and maintain erosion control measures and other required BMPs complete and in place.	LS	1	\$5,800.00	\$5,937.00	\$30,000.00	\$16,000.00
27	Installation and maintenance of shoring and soil stabilization for worker safety in accordance with OSHA and District requirements.	LS	1	\$4,200.00	\$689.00	\$20,000.00	\$3,200.00
28	Allowance for unknown underground conditions.	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00
				Subtotal	\$1,153,215.00	\$1,511,515.00	\$1,265,315.00
BID SCHEDULE D: WATER TANK BACKUP POWER							
29	Mobilization and Demobilization including bonds and insurance, and cleanup. (Note: this lump sum figure cannot exceed 10 percent of the total amount of Bid Schedule D (excluding this item.)	LS	1	\$40,600.00	\$21,809.00	\$100,000.00	\$37,775.00
30	Arrowhead Tank Backup Battery Systems (indoor)	LS	1	\$42,900.00	\$53,745.00	\$20,000.00	\$24,975.00
31	H-Street Tank Backup Battery Systems (indoor)	LS	1	\$42,900.00	\$53,745.00	\$70,000.00	\$24,975.00
32	Heavenly Valley Tank Backup Battery Systems (indoor)	LS	1	\$42,900.00	\$53,745.00	\$70,000.00	\$24,975.00
33	Stateline Tanks Backup Battery Systems (indoor)	LS	1	\$42,900.00	\$53,745.00	\$70,000.00	\$24,975.00
34	Christmas Valley Tank Backup Battery Systems (outdoor)	LS	1	\$60,000.00	\$71,941.00	\$80,000.00	\$24,975.00
35	Flagpole Tank Backup Battery Systems (outdoor)	LS	1	\$60,900.00	\$72,837.00	\$85,000.00	\$24,975.00
36	Iroquois Tanks Backup Battery Systems (outdoor)	LS	1	\$60,900.00	\$72,837.00	\$85,000.00	\$24,975.00
37	Country Club Tank Backup Battery Systems (outdoor)	LS	1	\$60,800.00	\$72,837.00	\$90,000.00	\$24,975.00
38	Lookout Tank Backup Battery Systems (outdoor)	LS	1	\$63,800.00	\$76,971.00	\$90,000.00	\$24,975.00
39	Echo View Tank Backup Battery Systems (outdoor)	LS	1	\$60,800.00	\$72,837.00	\$90,000.00	\$24,975.00
40	Gardner Mountain Tanks Backup Battery Systems (outdoor)	LS	1	\$63,800.00	\$76,971.00	\$90,000.00	\$24,975.00
				Subtotal	\$643,200.00	\$754,020.00	\$940,000.00
BID SCHEDULE E: ALLOWANCE SCHEDULE							
41	Allowance for as-needed sewer system improvements.	LS	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
42	Allowance for as-needed water system improvements.	LS	1	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
				Subtotal	\$200,000.00	\$200,000.00	\$200,000.00
				Base Bid Total	\$5,475,939.00	\$5,640,251.00	\$5,950,389.00
BID ALTERNATE ITEMS							
43	Externally bonded fiberglass reinforced plastic reinforcement as specified in Section 03_01_30.72, including surface preparation prior to application of the material, for Secondary Clarifier No. 1.	SF	745	\$51,405.00	\$27,565.00	\$37,250.00	\$59,275.78
44	Externally bonded fiberglass reinforced plastic reinforcement as specified in Section 03_01_30.72, including surface preparation prior to application of the material, for Secondary Clarifier No. 2.	SF	1435	\$88,970.00	\$47,355.00	\$50,225.00	\$114,175.49
45	Removal of Sand Fill and PVC Piping, and Installation of Interstitial Wall Fill with Cellular Concrete for Secondary Clarifier No. 2.	LS	1	\$147,700.00	\$92,523.00	\$100,000.00	\$168,032.83
				Subtotal	\$288,075.00	\$167,443.00	\$341,484.10
				Total	\$5,764,014.00	\$5,807,694.00	\$6,137,864.00