

Annual Sewer Line Replacement/ Maintenance
FY 2020-21

Bid No. 20-21.36; Project No. S-244

Date of Bid Opening: 3/25/2021

ENGINEER'S ESTIMATE				1 Bonadiman Water Inc. (NON-RESPONSIVE) Tel. No. (951) 657-0200		2 Big Ben Engineering Tel. No. (949) 660-9400		3 Kordich Construcion Inc. Tel. No. (714) 947-0395		4 Ramona Inc. Tel. No. (626) 355-1350		5 PALP Inc., dba Excel Paving Company Tel. No. (562) 599-5841		6 Vasilij Inc. Tel. No. (626) 480-1442		7 Colich & Sons L.P. Tel. No. (310) 516-6346		TE Roberts Inc. Tel. No. (714) 669-0072		Grbcon Incorporated Tel. No. (626) 699-2380			
NO.	DESCRIPTION OF WORK	QUANTITY		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
SEWER LINE REPLACEMENT / MAINTENANCE																							
1	Remove existing sewer and construct 8" VCP sewer main with bedding and backfill per City Std 327 (Class II) and Specifications.	3,210	LF	\$ 400.00	\$1,284,000.00	\$210.00	\$674,100.00	\$235.00	\$754,350.00	\$256.00	\$821,760.00	\$347.00	\$1,113,870.00	\$385.00	\$1,235,850.00	\$403.00	\$1,293,630.00	\$425.00	\$1,364,250.00	\$311.00	\$998,310.00	\$495.00	\$1,588,950.00
2	Remodel existing sewer manhole base and connect 8" VCP sewer main per City Std 201 and APWA Std 208-2	14	LF	\$ 4,310.00	\$60,340.00	\$2,500.00	\$35,000.00	\$2,750.00	\$38,500.00	\$2,000.00	\$28,000.00	\$3,300.00	\$46,200.00	\$5,800.00	\$81,200.00	\$3,500.00	\$49,000.00	\$1,500.00	\$21,000.00	\$15,300.00	\$214,200.00	\$3,025.00	\$42,350.00
3	Remove existing and install new sewer manhole per City of Orange Std 201, 407 & 408; connect existing and new sewer mains.	2	EA	\$ 3,610.00	\$7,220.00	\$18,000.00	\$36,000.00	\$12,000.00	\$24,000.00	\$5,000.00	\$10,000.00	\$11,000.00	\$22,000.00	\$10,703.00	\$21,406.00	\$10,000.00	\$20,000.00	\$5,000.00	\$10,000.00	\$23,700.00	\$47,400.00	\$11,951.00	\$23,902.00
4	Locate existing sewer Lateral and connect to new 8" VCP sewer main with bedding and backfill (Class II) per City Std 206, 324, and 327	97	EA	\$ 1,720.00	\$166,840.00	\$800.00	\$77,600.00	\$600.00	\$58,200.00	\$600.00	\$58,200.00	\$850.00	\$82,450.00	\$1,050.00	\$101,850.00	\$950.00	\$92,150.00	\$1,500.00	\$145,500.00	\$2,400.00	\$232,800.00	\$1,070.00	\$103,790.00
5	Adjust existing sewer manhole to grade and construct concrete collar per City Std. 408	8	EA	\$ 1,605.00	\$12,840.00	\$700.00	\$5,600.00	\$1,200.00	\$9,600.00	\$1,200.00	\$9,600.00	\$4,000.00	\$32,000.00	\$1,300.00	\$10,400.00	\$2,000.00	\$16,000.00	\$1,000.00	\$8,000.00	\$5,700.00	\$45,600.00	\$236.25	\$1,890.00
6	Remove and replace existing sewer manhole frame and cover; adjust mahole to grade and construct concrete collar per City Std. 407 & 408	4	SF	\$ 2,410.00	\$9,640.00	\$1,500.00	\$6,000.00	\$2,000.00	\$8,000.00	\$1,600.00	\$6,400.00	\$6,500.00	\$26,000.00	\$2,300.00	\$9,200.00	\$3,000.00	\$12,000.00	\$1,500.00	\$6,000.00	\$6,300.00	\$25,200.00	\$2,892.50	\$11,570.00
7	Construct trenchless rehabilitation of existing 12" sewer by cure-in-place pipe liner, including cleaning, pre & post CCTV inspection, bypassing, testing.	1,700	EA	\$ 60.00	\$102,000.00	\$44.00	\$74,800.00	\$50.00	\$85,000.00	\$55.00	\$93,500.00	\$50.00	\$85,000.00	\$48.00	\$81,600.00	\$53.00	\$90,100.00	\$55.00	\$93,500.00	\$65.00	\$110,500.00	\$90.00	\$153,000.00
8	Furnish and Install 8" Ductile Iron Pipe (Class 350) per City Std. OWD and Specifications.	24	LF	\$ 700.00	\$16,800.00	\$700.00	\$16,800.00	\$950.00	\$22,800.00	\$700.00	\$16,800.00	\$500.00	\$12,000.00	\$1,200.00	\$28,800.00	\$420.00	\$10,080.00	\$250.00	\$6,000.00	\$850.00	\$20,400.00	\$1,815.00	\$43,560.00
9	Construct trenchless rehabilitation of existing 8" sewer by cure-in-place pipe liner, including cleaning, pre & post CCTV inspection, bypassing, testing.	200	EA	\$ 50.00	\$10,000.00	\$60.00	\$12,000.00	\$70.00	\$14,000.00	\$45.00	\$9,000.00	\$41.00	\$8,200.00	\$60.00	\$12,000.00	\$81.00	\$16,200.00	\$45.00	\$9,000.00	\$89.00	\$17,800.00	\$66.00	\$13,200.00
10	Robotically re-establish active sewer lateral for trenchless rehabilitation	5	LF	\$ 150.00	\$750.00	\$200.00	\$1,000.00	\$150.00	\$750.00	\$60.00	\$300.00	\$50.00	\$250.00	\$125.00	\$625.00	\$100.00	\$500.00	\$500.00	\$2,500.00	\$900.00	\$4,500.00	\$305.00	\$1,525.00
Grand Total					\$1,670,430.00		\$938,900.00		\$1,015,200.00		\$1,053,560.00		\$1,427,970.00		\$1,582,931.00		\$1,599,660.00		\$1,665,750.00		\$1,716,710.00		\$1,983,737.00