

BID TABULATION FOR CAMINO DEL SOL WATERLINE AND STREET IMPROVEMENTS, CDBG #1272-21

Project Name: Camino Del Sol Water, Sewer, and Pavement Replacement

WATER MAIN REPLACEMENT (CAMINO DEL SOL, SONOITA AVE., AND ELLIS STREET)

Line No.	Spec. No.	Item Description	Unit	INNOVA			B&F CONTRACTING		
				Quantity	Unit Cost	Amount	Quantity	Unit Cost	Amount
1	1070001	STORMWATER POLLUTION PREVENTION PLAN	LS	1	\$ 18,000.00	\$ 18,000.00	1	\$ 6,886.40	\$ 6,886.40
2	2020001	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 5,600.00	\$ 5,600.00	1	\$ 6,886.40	\$ 6,886.40
3	5100280	POTHOLING	EA	3	\$ 450.00	\$ 1,350.00	3	\$ 2,035.43	\$ 6,106.29
4	5101106	PIPE, DUCTILE IRON (DI), 6" (CLASS 350)	LF	68	\$ 160.00	\$ 10,880.00	68	\$ 95.05	\$ 6,463.40
5		PIPE POLYVINYL CHLORIDE (PVC), 4" DR 14 (CLASS 305) (TYPE "B" SOIL EXCAVATION)	LF	26	\$ 160.00	\$ 4,160.00	26	\$ 110.98	\$ 2,885.48
6	5101409	PIPE, POLYVINYL CHLORIDE (PVC), 8" DR 14 (CLASS 305) (TYPE "B" SOIL EXCAVATION)	LF	1,660	\$ 96.00	\$ 159,360.00	1,660	\$ 155.87	\$ 258,744.20
7	5101704	PIPE, HDPE SDR9 CTS, PE4710, ASTM D2737, AWWA C-901, (250 PSI) (POTABLE WATER), 3/4" W/ FITTINGS	LF	260	\$ 35.00	\$ 9,100.00	260	\$ 17.47	\$ 4,542.20
8	5101708	PIPE, HDPE SDR9 CTS, PE4710, ASTM D2737, AWWA C-901, (250 PSI) (POTABLE WATER), 1" W/ FITTINGS	LF	140	\$ 36.00	\$ 5,040.00	140	\$ 16.77	\$ 2,347.80
9		SAW CUTTING PAVEMENT	LF	4,120	\$ 3.00	\$ 12,360.00	4,120	\$ 2.26	\$ 9,311.20
10	5102206	GATE VALVE 4", BOX & COVER	EA	5	\$ 1,540.00	\$ 7,700.00	5	\$ 2,176.76	\$ 10,883.80
11	5102206	GATE VALVE 6", BOX & COVER	EA	3	\$ 2,100.00	\$ 6,300.00	3	\$ 2,446.71	\$ 7,340.13
12	5102208	GATE VALVE 8", BOX & COVER	EA	14	\$ 2,950.00	\$ 41,300.00	14	\$ 3,173.60	\$ 44,430.40
13	5102608	COMBINATION AIR RELEASE VALVE (ARV) 2"	EA	2	\$ 6,500.00	\$ 13,000.00	2	\$ 8,813.14	\$ 17,626.28
14	5103205	FIRE HYDRANT	EA	3	\$ 5,500.00	\$ 16,500.00	3	\$ 5,234.36	\$ 15,703.08
15	5106008	CONNECTIONS, 4"	EA	5	\$ 4,500.00	\$ 22,500.00	5	\$ 8,425.36	\$ 42,126.80
165	5108134	SINGLE SERVICE LINE RENEWAL (R), 3/4"	EA	12	\$ 2,500.00	\$ 30,000.00	12	\$ 2,023.35	\$ 24,280.20
17	5108138	DOUBLE SERVICE LINE RENEWAL (R), 1"	EA	7	\$ 2,100.00	\$ 14,700.00	7	\$ 2,065.98	\$ 14,461.86
18	5108303	POTABLE WATER, NEW METER BOX, #3, INCLUDES CONC. SIDEWALK REPLACEMENT IN KIND TO LEVEL THE WATER METER BOX	EA	27	\$ 1,500.00	\$ 40,500.00	27	\$ 623.27	\$ 16,828.29
19	7010001	MAINTENANCE AND PROTECTION OF TRAFFIC (For Water, Sewer and Paving Projects)	LS	1	\$ 12,000.00	\$ 12,000.00	1	\$ 55,091.14	\$ 55,091.14
20	9010001	MOBILIZATION AND DEMOBILIZATION (For Water, Sewer and Paving Projects)	LS	1	\$ 35,000.00	\$ 35,000.00	1	\$ 7,317.00	\$ 7,317.00
21	9250001	CONSTRUCTION SURVEYING, LAYOUT AND AS-BUILT PLANS	LS	1	\$ 20,000.00	\$ 20,000.00	1	\$ 18,042.34	\$ 18,042.34
22		HARD ROCK EXCAVATION (SEE HARD ROCK SPECIAL PROVISION IN SECTION B (CONTRACTOR REQUIRE APPROVAL BY BOTH, THE CITY ENGINEER AND PUBLIC WORKS DIRECTOR)	CY	200	\$ 50.00	\$ 10,000.00	200	\$ 197.79	\$ 39,558.00
SUBTOTAL FOR WATERMAIN REPLACEMENT						\$ 495,350.00			\$ 617,862.69

PAVEMENT REPLACEMENT

Line No.	Spec. No.	Item Description	Unit	INNOVA			B&F CONTRACTING		
				Quantity	Unit Cost	Amount	Quantity	Unit Cost	Amount
23		PULVERIZE EXISTING PAVEMENT AND DELIVERED TO THE CITY OF NOGALES (ASSUMED 2")	SY	5,049	\$ 3.00	\$ 15,147.00	5,049	\$ 7.06	\$ 35,645.94
24		ROADWAY EXCAVATION (ASSUMED 4")	CY	437	\$ 25.00	\$ 10,925.00	437	\$ 69.10	\$ 30,196.70
25		12" PORTLAND CEMENT TREATED SUB-BASE (@5% BY WEIGTH)	SY	1,126	\$ 26.00	\$ 29,276.00	1,126	\$ 54.42	\$ 61,276.92
26	2030500	ROADWAY GRADING	SY	3,944	\$ 7.00	\$ 27,608.00	3,944	\$ 4.89	\$ 19,286.16
27		3" AC PAVEMENT REPLACEMENT PER PAG 2 MIX.	TON	824	\$ 186.00	\$ 153,264.00	824	\$ 241.02	\$ 198,600.48
28		4" AGGREGATE BASE 95% COMPACTED, PER MAG STD.	TON	872	\$ 26.00	\$ 22,672.00	872	\$ 42.39	\$ 36,964.08
29		WATER VALVES ADJUSTMENTS	EA	17	\$ 560.00	\$ 9,520.00	17	\$ 486.56	\$ 8,271.52
30		MANHOLE COVER ADJUSTMENTS	EA	7	\$ 690.00	\$ 4,830.00	7	\$ 844.36	\$ 5,910.52
31		MATERIAL TESTING	LS	1	\$ 16,000.00	\$ 16,000.00	1	\$ 13,772.78	\$ 13,772.78
32						\$ 289,242.00			\$ 409,925.10

32		ALLOWANCE FOR UNFORSEEN CONDITIONS (ALL ITEMS TO BE APPROVED BY THE CITY ENGINEER AND PUBLIC WORKS DIRECTOR)	LS	1	\$ 40,000.00	\$ 40,000.00	1	\$ 40,000.00	\$ 40,000.00
SUBTOTAL (WATER+PAVEMENT+CONSTRUCTION ALLOWANCE)						\$ 824,592.00			\$ 1,067,787.79

ALTERNATIVE 1:
SEWER MAIN REPLACEMENT @ CAMINO DEL SOL

Line No.	Spec. No.	Item Description	Unit	INNOVA			B&F CONTRACTING		
				Quantity	Unit Cost	Amount	Quantity	Unit Cost	Amount
33		SAWCUT ASPHALT PAVEMENT	LF	788	\$ 3.00	\$ 2,364.00	788	\$ 2.26	\$ 1,780.88
34		FLOW MANAGEMENT	LS	1	\$ 15,000.00	\$ 15,000.00	1	\$ 6,886.40	\$ 6,886.40
35		REMOVAL AND DISPOSAL OF EXISTING 394 LF OF 4" SEWER MAIN AND THREE EXISTING MANHOLES	LS	1	\$ 13,500.00	\$ 13,500.00	1	\$ 21,140.21	\$ 21,140.21
36		8" PVC SEWER MAIN (INCLUDING 20 LF 8" PVC SEWER STUB OUT @ AMERICAN LOOP)	LF	394	\$ 110.00	\$ 43,340.00	394	\$ 85.12	\$ 33,537.28
37		4" HOUSE CONNECTION SEWER	EA	14	\$ 2,000.00	\$ 28,000.00	14	\$ 4,811.19	\$ 67,356.66
38		8" PVC SEWER CLEANOUT	EA	1	\$ 1,800.00	\$ 1,800.00	1	\$ 3,926.35	\$ 3,926.35
39		4" DIA. SEWER MANHOLE, 5' DEEP	EA	3	\$ 6,500.00	\$ 19,500.00	3	\$ 15,430.37	\$ 46,291.11
SUBTOTAL FOR SEWER MAIN REPLACEMENT						\$ 123,504.00			\$ 180,918.89

TOTAL (INCLUDING ALTERNATIVE 1) \$ 948,096.00 \$ 1,248,706.68

LEGEND:

Computation error