

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: DUNKIN ROAD AREA**

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$25,000.00	\$25,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	4	EA	\$800.00	\$3,200.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$15,000.00	\$15,000.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$20,000.00	\$20,000.00
5	201.010	Clearing and Grubbing of Site per Standard Specification 201, Complete	1	LS	\$10,000.00	\$10,000.00
6	204.010	Fill construction, including excavation, placement and compaction of unclassified material, over 2-feet deep per Standard Specification section 204, complete and in place.	1	LS	\$15,000.00	\$15,000.00
7	301.010	Grade areas not to be paved, with less than 2-feet excavation per Standard Specification section 301, complete.	35190	SY	\$1.00	\$35,190.00
8	301.020	Subgrade prep, at 12-inch at 95% compaction per Standard Specification section 301, complete and in place.	24270	SY	\$3.00	\$72,810.00
9	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place.	2150	CY	\$45.00	\$96,750.00
10	336.024	Furnish and place asphalt concrete, 3-inch thick, Type B per Standard Specification section 336, complete and in place.	1510	SY	\$25.00	\$37,750.00
11	440.001	Furnish and place reflectorized painted marking per Standard Specification section 440, complete and in place.	1000	LF	\$3.50	\$3,500.00
12	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-feet or less in depth, pipe not included per Standard Specification section 701, complete.	7690	LF	\$22.00	\$169,180.00
13	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-feet to 12-feet in depth, pipe not included per Standard Specification section 701, complete.	7060	LF	\$25.00	\$176,500.00
14	701.030	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-feet to 16-feet in depth, pipe not included per Standard Specification section 701, complete.	370	LF	\$30.00	\$11,100.00
14	701.320	Supply and place backfill material, select, including compaction per Standard Specification section 701, complete and in place.	1950	CY	\$30.00	\$58,500.00
15	701.050	Bore and Case with 24" schedule 30 Steel Casing, including associated components, to properly encase 8-inch sewer line and 4-inch HDPE Forcemain as per manufacturer recommendations, complete in place.	110	LF	\$250.00	\$27,500.00
16	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	15220	LF	\$10.00	\$152,200.00
17	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	67	EA	\$500.00	\$33,500.00
18	905.050	Furnish and install 4-inch new sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	1500	EA	\$14.00	\$21,000.00
19	920.010	Furnish and install manhole, 4-foot diameter, type C, less than 6-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	4	EA	\$4,500.00	\$18,000.00
20	920.070	Furnish and install manhole, 4-foot diameter, type C or E, 6-feet to 10-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	37	EA	\$5,500.00	\$203,500.00
21	920.080	Furnish and install manhole, 4-foot diameter, type C or E, 10-feet to 14-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	8	EA	\$6,500.00	\$52,000.00
22	920.721	Furnish and install interior coating (protective polyurethane liner, Zebtron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	5855	SF	\$10.00	\$58,560.00
23	925.030	Furnish and install 4" HDPE Forcemain, including fittings, trenching and backfill.	740	LF	\$22.00	\$16,280.00
24	925.900	Furnish and Install Submersible Duplex Lift Station with Controls, Complete in Place	1	LS	\$150,000.00	\$150,000.00
25	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$25,000.00	\$25,000.00
26	1615.000	Lift Station Electrical Components, Complete	1	LS	\$25,000.00	\$25,000.00
27	1600.000	Underground electrical, including cable, conduit, trenching, select backfill, Complete in Place	100	LF	\$20.00	\$2,000.00
28	1610.000	Furnish and install emergency back up generator, and Startup	1	EA	\$75,000.00	\$75,000.00
b) Bid Schedule: Dunkin Road Area – Subtotal of No. 1 through 28						\$1,609,020.00
c) Subtotal						\$1,609,020.00
d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$80,451.00	\$80,451.00
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$32,180.40	\$32,180.40
f	-	Easement Acquisition	1.00	AC	\$10,000.00	\$10,000.00

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: DUNKIN ROAD AREA**

ID #	Bld Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
g) Allowances						
		Testing				\$ 50,000.00
		Electrical Utility Power Extension				\$ 20,000.00
		Total Allowances:				\$ 70,000.00
		h) Legal Fees @ 2% of Construction Subtotal (line c)				\$ 32,180.40
		i) Environmental and Cultural Resource Documentation @ 2% of Construction Subtotal (line c)				\$ 32,180.40
		j) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e+f+g+h+i):				\$ 1,866,012.20
		k) New Mexico Gross Receipts Tax (NMGR) on amount on Line j) Subtotal at 8.1875%				\$ 152,779.75
		l) Contingencies @ 15% on lines j+k:				\$ 302,818.79
		m) CONSTRUCTION TOTAL (Line j) Subtotal plus (Line k) NMGR plus (Line l) Contingencies:				\$ 2,321,610.74
 PROFESSIONAL DESIGN SERVICES						
		n) Final Civil Design @ 4%				\$ 92,864.43
		o) Electrical Design Services				\$ 50,000.00
		p) Construction Phase Services @ 7.5%				\$ 174,120.81
		q) Professional Services Tax @ 7.5%				\$ 23,773.89
		r) PROJECT TOTAL				\$ 2,663,000.00

ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
BID SCHEDULE: QUAIL TRAIL AREA

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$5,000.00	\$5,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	6	EA	\$600.00	\$3,600.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$25,000.00	\$25,000.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$20,000.00	\$20,000.00
5	201.010	Clearing and Grubbing of Site per Standard Specification 201, Complete	1	LS	\$20,000.00	\$20,000.00
6	204.010	Fill construction, including excavation, placement and compaction of unclassified material, over 2-feet deep per Standard Specification section 204, complete and in place.	1	LS	\$10,000.00	\$10,000.00
7	301.010	Grade areas not to be paved, with less than 2-feet excavation per Standard Specification section 301, complete.	45840	SY	\$1.00	\$45,840.00
8	301.020	Subgrade prep, 12-inch at 95% compaction per Standard Specification section 301, complete and in place.	36000	SY	\$3.00	\$108,000.00
9	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place	3250	CY	\$45.00	\$146,250.00
10	336.024	Furnish and place asphalt concrete, 3-inch thick, Type B per Standard Specification section 336, complete and in place.	3000	SY	\$25.00	\$75,000.00
11	410.010	Furnish and install chain link fence, including posts and hardware per Standard Specification section 410, complete and in place.	600	SF	\$5.00	\$3,000.00
12	410.020	Furnish and install gates for chain link fence, including all attachments, hardware and anchor posts per Standard Specification section 410, complete and in place.	96	SF	\$20.00	\$1,920.00
13	440.001	Furnish and place reflectorized painted marking per Standard Specification section 440, complete and in place.	200	LF	\$3.50	\$700.00
14	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-feet or less in depth, pipe not included per Standard Specification section 701, complete.	12270	LF	\$22.00	\$269,940.00
15	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-feet to 12-feet in depth, pipe not included per Standard Specification section 701, complete.	5160	LF	\$25.00	\$129,000.00
16	701.030	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-feet to 16-feet in depth, pipe not included per Standard Specification section 701, complete.	900	LF	\$30.00	\$27,000.00
17	701.040	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 16-feet in depth, pipe not included per Standard Specification section 701, complete.	200	LF	\$60.00	\$12,000.00
18	701.320	Supply and place backfill material, select, including compaction per Standard Specification section 701, complete and in place.	2280	CY	\$30.00	\$68,400.00
19	701.500	Rock Excavation, including removal and disposal and backfill material, Complete	1140	CY	225	\$256,500.00
20	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	17650	LF	\$10.00	\$176,500.00
21	901.640	Furnish and install vertical drop at manhole, including pipe and fittings per standard drawing 2116 per Standard Specification section 901, complete and in place.	3	EA	\$750.00	\$2,250.00
22	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	127	EA	\$500.00	\$63,500.00
23	905.050	Furnish and install 4-inch new sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	2330	LF	\$18.00	\$41,940.00
24	920.010	Furnish and install manhole, 4-feet diameter, type C, less than 6-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	11	EA	\$4,500.00	\$49,500.00
25	920.070	Furnish and install manhole, 4-feet diameter, type C or E, 6-feet to 10-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	39	EA	\$5,500.00	\$214,500.00
26	920.080	Furnish and install manhole, 4-feet diameter, type C or E, 10-feet to 14-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	6	EA	\$6,500.00	\$39,000.00
27	920.090	Manhole, 4-feet diameter, type C or E, added cost for each additional foot over 14-feet per standard drawing 2102 per Standard Specification section 920, complete and in place.	2.00	VF	\$800.00	\$1,600.00
28	920.721	Furnish and install interior coating (protective polyurethane liner; Zebtron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	6231	SF	\$10.00	\$62,311.61
29	925.030	4" HDPE Forcemain, including fittings, trenching and backfill	1190	LF	\$22.00	\$26,180.00

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: QUAIL TRAIL AREA**

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
30	925.900	Furnish and Install Submersible Duplex Lift Station with Controls, Complete in Place	1	EA	\$150,000.00	\$150,000.00
31	925.950	Furnish and Install E1 Lift Station with Controls, Complete in Place.	1	EA	\$50,000.00	\$50,000.00
32	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$5,000.00	\$5,000.00
33	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$35,000.00	\$35,000.00
34	1615.000	Duplex Lift Station Electrical, Complete	2	LS	\$40,000.00	\$80,000.00
35	1600.000	Underground electrical for Duplex Lift Station and E1 Lift Station, including cable, conduit, trenching, select backfill, Complete in Place.	630	LF	\$20.00	\$12,600.00
36	1610.000	Furnish and install emergency back up generator, and Startup	1	EA	\$100,000.00	\$100,000.00

b) Bid Schedule: Quail Trail Area – Subtotal of No. 1 through 36 **\$2,337,031.61**

c) Subtotal **\$2,337,031.61**

d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$116,851.58	\$116,851.58
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$46,740.63	\$46,740.63
f	-	Easement Acquisition	1.00	AC	\$10,000.00	\$10,000.00

g) Allowances

Testing \$ 55,000.00

Electrical Utility Power Extension \$ 50,000.00

Total Allowances: **\$ 105,000.00**

h) Legal Fees @ 2% of Construction Subtotal (line c) **\$ 46,740.63**

i) Environmental and Cultural Resource Documentation @ 2% of Construction Subtotal (line c) **\$ 46,740.63**

j) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e+f+g+h+i): **\$ 2,709,105.08**

k) New Mexico Gross Receipts Tax (NMGRT) on amount on Line j) Subtotal at 8.1875% **\$ 221,807.98**

l) Contingencies @ 15% on lines j+k: **\$ 439,836.96**

m) TOTAL (Line j) Subtotal plus (Line k) NMGRT plus (Line l) Contingencies: **\$ 3,370,550.02**

PROFESSIONAL DESIGN SERVICES

n) Final Design @ 4% **\$ 134,822.00**

o) Electrical Design Services **\$ 100,000.00**

p) Construction Phase Services @ 7% **\$ 235,938.50**

q) Professional Services Tax @ 7.5% **\$ 27,807.04**

r) PROJECT TOTAL **\$ 3,870,000.00**

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: RANGE ROAD AREA**

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$20,000.00	\$20,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	3	EA	\$800.00	\$2,400.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$10,000.00	\$10,000.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$10,000.00	\$10,000.00
5	201.010	Clearing and Grubbing of Site per Standard Specification 201, Complete	1	LS	\$15,000.00	\$15,000.00
6	301.010	Grade areas not to be paved, with less than 2-feet excavation per Standard Specification section 301, complete.	18210	SY	\$1.00	\$18,210.00
7	301.020	Subgrade prep, 12-inch at 95% compaction per Standard Specification section 301, complete and in place.	13920	SY	\$3.00	\$41,760.00
8	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place	1160	CY	\$45.00	\$52,200.00
9	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-feet or less in depth, pipe not included per Standard Specification section 701, complete.	11100	LF	\$22.00	\$244,200.00
10	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-feet to 16-feet in depth, pipe not included per Standard Specification section 701, complete.	2110	LF	\$25.00	\$52,750.00
11	701.030	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-feet to 16-feet in depth, pipe not included per Standard Specification section 701, complete.	850	LF	\$30.00	\$25,500.00
12	701.320	Supply and place backfill material, select, including compaction per Standard Specification section 701, complete and in place.	1740	CY	\$20.00	\$34,800.00
13	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	14050	LF	\$10.00	\$140,500.00
14	901.640	Furnish and install vertical drop at manhole, including pipe and fittings per standard drawing 2116 per Standard Specification section 901, complete and in place.	3	EA	\$750.00	\$2,250.00
15	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	56	EA	\$500.00	\$28,000.00
16	905.050	Furnish and install 4-inch new sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	1320	LF	\$18.00	\$23,760.00
17	920.010	Furnish and install manhole, 4-foot diameter, type C, less than 6-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	9	EA	\$4,500.00	\$40,500.00
18	920.070	Furnish and install manhole, 4-foot diameter, type C or E, 6-feet to 10-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	31	EA	\$5,500.00	\$170,500.00
19	920.080	Furnish and install manhole, 4-foot diameter, type C or E, 10-feet to 14-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	4	EA	\$6,500.00	\$26,000.00
20	920.721	Furnish and install interior coating (protective polyurethane liner; Zebtron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	4,672	SF	\$10.00	\$46,718.00
21	925.271	Furnish and install concrete encasement for 8-inch sewer pipe per Standard Specification section 925, complete and in place.	170	LF	\$175.00	\$29,750.00
22	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$25,000.00	\$25,000.00

b) Bid Schedule: Range Road Area – Subtotal of No. 1 through 22 \$1,059,798.00

c) Subtotal \$1,059,798.00

d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$52,989.90	\$52,989.90
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$21,195.96	\$21,195.96
f	-	Easement Acquisition	4.00	AC	\$10,000.00	\$40,000.00

g) Allowances

Testing \$ 25,000.00

Total Allowances: \$ 25,000.00

h) Legal Fees @ 2% of Construction Subtotal (line c) \$ 21,195.96

i) Environmental and Cultural Resource Documentation @ 2% of Construction Subtotal (line c) \$ 21,195.96

j) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e+f+g+h+i): \$ 1,241,375.78

k) New Mexico Gross Receipts Tax (NMGRT) on amount on Line j) Subtotal at 8.1875% \$ 101,637.65

l) Contingencies @ 15% on lines j+k: \$ 201,452.01

m) TOTAL (Line j) Subtotal plus (Line k) NMGRT plus (Line l) Contingencies: \$ 1,544,465.44

PROFESSIONAL DESIGN SERVICES

n) Final Design @ 5% \$ 77,223.27

o) Construction Phase Services @ 7.5% \$ 115,834.91

p) Professional Services Tax @ 7.5% \$ 14,479.36

q) PROJECT TOTAL \$ 1,753,000.00

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: WILLIAMS RANCH ROAD AREA**

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$10,000.00	\$10,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	2	EA	\$800.00	\$1,600.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$2,500.00	\$2,500.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$15,000.00	\$15,000.00
5	201.010	Clearing and Grubbing of Site per Standard Specification 201, Complete	1	LS	\$15,000.00	\$15,000.00
6	301.010	Grade areas not to be paved, with less than 2-foot excavation per Standard Specification section 301, complete.	2100	SY	\$1.00	\$2,100.00
7	301.020	Subgrade prep, 12-inch at 95% compaction per Standard Specification section 301, complete and in place.	1200	SY	\$3.00	\$3,600.00
8	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place.	100	CY	\$45.00	\$4,500.00
9	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-foot or less in depth, pipe not included per Standard Specification section 701, complete.	4730	LF	\$22.00	\$104,060.00
10	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-foot to 12-foot in depth, pipe not included per Standard Specification section 701, complete.	1600	LF	\$25.00	\$40,000.00
11	701.320	Supply and place backfill material, select, including compaction per Standard Specification section 701, complete and in place.	790	CY	\$20.00	\$15,800.00
12	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	6350	LF	\$10.00	\$63,500.00
13	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	9	EA	\$500.00	\$4,500.00
14	905.050	Furnish and install 4-inch new sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	170	LF	\$14.00	\$2,380.00
15	920.010	Furnish and install manhole, 4-foot diameter, type C, less than 6-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	10	EA	\$4,500.00	\$45,000.00
16	920.070	Furnish and install manhole, 4-foot diameter, type C or E, 6-foot to 10-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	5	EA	\$5,500.00	\$27,500.00
17	920.080	Furnish and install manhole, 4-foot diameter, type C or E, 10-foot to 14-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	5	EA	\$6,500.00	\$32,500.00
18	920.721	Furnish and install interior coating (protective polyurethane liner, Zebtron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	2059	SF	\$10.00	\$20,590.00
19	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$30,000.00	\$30,000.00
b) Bid Schedule: Williams Ranch Road Area - Subtotal of No. 1 through 19						\$440,130.00
c) Subtotal						\$440,130.00
d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$22,006.50	\$22,006.50
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$8,802.60	\$8,802.60
f	-	Easement Acquisition	3.00	AC	\$10,000.00	\$30,000.00

g) Allowances

Testing \$ 20,000.00

Total Allowances: \$ 20,000.00

h) Legal Fees @ 2% of Construction Subtotal (line c) \$ 8,802.60

i) Environmental and Cultural Resource Documentation @ 2% of Construction Subtotal (line c) \$ 8,802.60

j) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e+f+g+h+i): \$ 538,544.30

k) New Mexico Gross Receipts Tax (NMGR) on amount on Line j) Subtotal at 8.1875% \$ 44,093.32

l) Contingencies @ 15% on lines j+k: \$ 87,395.64

m) TOTAL (Line j) Subtotal plus (Line k) NMGR plus (Line l) Contingencies: \$ 670,033.26

PROFESSIONAL DESIGN SERVICES

n) Final Design @ 5% \$ 33,501.66

n) Construction Phase Services @ 10% \$ 67,003.33

o) Professional Services Tax @ 7.5% \$ 7,537.87

p) PROJECT TOTAL \$ 779,000.00

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: NM 344 AREA**

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$15,000.00	\$15,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	3	EA	\$800.00	\$2,400.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$10,000.00	\$10,000.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$10,000.00	\$10,000.00
5	201.010	Clearing and Grubbing of Site per Standard Specification 201, Complete	1	LS	\$10,000.00	\$10,000.00
6	204.010	Fill construction, including excavation, placement and compaction of unclassified material, over 2-feet deep per Standard Specification section 204, complete and in place.	1	LS	\$5,000.00	\$5,000.00
7	301.010	Grade areas not to be paved, with less than 2-feet excavation per Standard Specification section 301, complete.	11420	SY	\$1.00	\$11,420.00
8	301.020	Subgrade prep, 12-inch at 95% compaction per Standard Specification section 301, complete and in place.	8200	SY	\$3.00	\$24,600.00
9	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place	700	CY	\$45.00	\$31,500.00
10	336.024	Furnish and place asphalt concrete, 3-inch thick, Type B per Standard Specification section 336, complete and in place.	210	SY	\$25.00	\$5,250.00
11	410.010	Furnish and install chain link fence, including posts and hardware per Standard Specification section 410, complete and in place.	600	SF	\$5.00	\$3,000.00
12	410.020	Furnish and install gates for chain link fence, including all attachments, hardware and anchor posts per Standard Specification section 410, complete and in place.	96	SF	\$20.00	\$1,920.00
13	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-feet or less in depth, pipe not included per Standard Specification section 701, complete.	3950	LF	\$22.00	\$86,900.00
14	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-feet to 12-feet in depth, pipe not included per Standard Specification section 701, complete.	3360	LF	\$25.00	\$84,000.00
15	701.030	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-feet to 16-feet in depth, pipe not included per Standard Specification section 701, complete.	210	LF	\$30.00	\$6,300.00
16	701.320	Supply and place backfill material, select, including compaction per Standard Specification section 701, complete and in place.	920	CY	\$20.00	\$18,400.00
17	701.500	Rock Excavation, including removal and disposal and backfill material, Complete	340	CY	325	\$110,500.00
18	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	6860	LF	\$10.00	\$68,600.00
19	901.050	12-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	190	LF	\$16.00	\$3,040.00
20	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	23	EA	\$500.00	\$11,500.00
21	905.050	Furnish and install 4-inch new sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	480	LF	\$18.00	\$8,640.00
22	920.070	Furnish and install manhole, 4-foot diameter, type C or E, 6-feet to 10-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	25	EA	\$5,500.00	\$137,500.00
23	920.721	Furnish and install interior coating (protective polyurethane liner; Zebtron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	2683	SF	\$10.00	\$26,830.00
24	925.030	4" HDPE Forcemain, including fittings, trenching and backfill	470	LF	\$22.00	\$10,340.00
25	925.900	Furnish and Install Submersible Duplex Lift Station with Controls, Complete in Place	1	LS	\$100,000.00	\$100,000.00
26	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$15,000.00	\$15,000.00
27	1615.000	Lift Station Electrical, Complete	1	LS	\$25,000.00	\$25,000.00
28	1600.000	Underground electrical, including cable, conduit, trenching, select backfill, Complete in Place	100	LF	\$20.00	\$2,000.00
29	1610.000	Furnish and install emergency back up generator, and Startup	1	EA	\$35,000.00	\$35,000.00
b) Bid Schedule: Nm 344 Area – Subtotal of No. 1 through 29						\$879,640.00
c) Subtotal						\$879,640.00
d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$43,982.00	\$43,982.00
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$17,592.80	\$17,592.80
f	-	Easement Acquisition	2.00	AC	\$10,000.00	\$20,000.00

**ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
 BID SCHEDULE: NM 344 AREA**

g) Allowances		
Testing		\$ 10,000.00
Electrical Utility Power Extension		\$ 7,500.00
Total Allowances:		\$ 17,500.00
h) Legal Fees @ 2% of Construction Subtotal (line c)		\$ 17,592.80
i) Environmental and Cultural Resource Documentation @ 2% of Construction Subtotal (line c)		\$ 17,592.80
j) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e+f+g+h+i):		\$ 1,013,900.40
k) New Mexico Gross Receipts Tax (NMGRT) on amount on Line j) Subtotal at 8.1875%		\$ 83,013.10
l) Contingencies @ 15% on lines j+k:		\$ 164,537.03
m) TOTAL (Line gj) Subtotal plus (Line k) NMGRT plus (Line l) Contingencies:		\$ 1,261,450.53

PROFESSIONAL DESIGN SERVICES

n) Final Design @ 5%		\$ 63,072.53
o) Electrical Design Services		\$ 25,000.00
p) Construction Phase Services @ 10%		\$ 126,145.05
q) Professional Services Tax @ 7.5%		\$ 14,191.32
r) PROJECT TOTAL		\$ 1,490,000.00

ENGINEER'S OPINION OF PROBABLE PROJECT COSTS

BID SCHEDULE: EDGEWOOD 7 AREA

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$20,000.00	\$20,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	5	EA	\$800.00	\$4,000.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$20,000.00	\$20,000.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$15,000.00	\$15,000.00
5	201.010	Clearing and Grubbing of Site per Standard Specification 201, Complete	1	LS	\$5,000.00	\$5,000.00
6	301.010	Grade areas not to be paved, with less than 2-foot excavation per Standard Specification section 301, complete.	18740	SY	\$1.00	\$18,740.00
7	301.020	Subgrade prep, 12-inch at 95% compaction per Standard Specification section 301, complete and in place.	20700	SY	\$3.00	\$82,100.00
8	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place.	2400	CY	\$45.00	\$108,000.00
9	336.024	Furnish and place asphalt concrete, 3-inch thick, Type B per Standard Specification section 336, complete and in place.	8000	SY	\$25.00	\$200,000.00
10	440.001	Furnish and place reflectorized painted marking per Standard Specification section 440, complete and in place.	11080	LF	\$3.50	\$38,780.00
11	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-feet or less in depth, pipe not included per Standard Specification section 701, complete.	8640	LF	\$22.00	\$190,080.00
12	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-feet to 12-feet in depth, pipe not included per Standard Specification section 701, complete.	1350	LF	\$25.00	\$33,750.00
13	701.030	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-feet to 18-feet in depth, pipe not included per Standard Specification section 701, complete.	180	LF	\$30.00	\$5,400.00
14	701.320	Supply and place backfill material, select, including compaction per Standard Specification section 701, complete and in place.	1330	CY	\$20.00	\$26,600.00
15	701.500	Rock Excavation, including removal and disposal and backfill material, Complete	2990	CY	\$225.00	\$672,750.00
16	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	10710	LF	\$10.00	\$107,100.00
17	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	43	EA	\$500.00	\$21,500.00
18	905.050	Furnish and install 4-inch new sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	1240	LF	\$14.00	\$17,360.00
19	920.010	Furnish and install manhole, 4-feet diameter, type C, less than 6-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	11	EA	\$4,500.00	\$49,500.00
20	920.070	Furnish and install manhole, 4-feet diameter, type C or E, 6-feet to 10-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	20	EA	\$5,500.00	\$110,000.00
21	920.080	Furnish and install manhole, 4-feet diameter, type C or E, 10-feet to 14-feet deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	1	EA	\$6,500.00	\$6,500.00
22	920.721	Furnish and install interior coating (protective polyurethane liner; Zabrón) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	3091	SF	\$10.00	\$30,914.53
23	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$10,000.00	\$10,000.00

b) Bid Schedule: Edgewood 7 Area – Subtotal of No. 1 through 23 \$1,773,074.53

c) Subtotal \$1,773,074.53

d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$88,653.73	\$88,653.73
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$35,461.49	\$35,461.49

f) Allowances

Testing	\$ 35,000.00
Total Allowances:	\$ 35,000.00

g) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e+f): \$ 1,932,189.75

h) New Mexico Gross Receipts Tax (NMGR) on amount on Line g) Subtotal at 8.1875% \$ 158,198.04

i) Contingencies @ 15% on lines g+h: \$ 313,558.17

j) TOTAL (Line g) Subtotal plus (Line h) NMGR plus (Line i) Contingencies: \$ 2,403,945.95

PROFESSIONAL DESIGN SERVICES

k) Final Design @ 4%	\$ 96,157.84
l) Construction Phase Services @ 7.5%	\$ 180,295.95
m) Professional Services Tax @ 7.5%	\$ 20,734.03
n) PROJECT TOTAL	<u>\$ 2,702,000.00</u>

ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
BASE BID: ROUTE 66 STA. -0+02.33 TO 33+70.00

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$3,000.00	\$3,000.00
2	6.010	Furnish and install construction project sign per contract special provisions, complete and in place.	1	EA	\$800.00	\$800.00
3	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$4,000.00	\$4,000.00
4	30.020	Provide National Pollutant Discharge Elimination System (NPDES) permitting, complete.	1	LS	\$7,500.00	\$7,500.00
5	20.010	Cleaning and Grubbing of Site per Standard Specification 201, complete.	1	LS	\$2,000.00	\$2,000.00
6	301.020	Subgrade prep, at 95% compaction per Standard Specification section 301, complete and in place.	1330	SY	\$5.00	\$6,650.00
7	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place	170	CY	\$45.00	\$7,650.00
8	336.024	Furnish and place asphalt concrete, 3-inch thick, Type B per Standard Specification section 336, complete in place.	620	SY	\$22.00	\$13,640.00
9	336.022	Furnish and place asphalt concrete, 2-inch thick, Type B per Standard Specification section 336, complete in place.	960	SY	\$18.00	\$17,280.00
10	340.031	Remove, dispose, and replace 6-inch concrete header curb and flat, complete in place.	250	SY	\$85.00	\$21,250.00
11	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-foot or less in depth, pipe not included per Standard Specification section 701, complete.	1080	LF	\$22.00	\$23,760.00
12	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-foot to 12-foot in depth, pipe not included per Standard Specification section 701, complete.	1650	LF	\$25.00	\$41,250.00
13	701.030	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 12-foot to 16-foot in depth, pipe not included per Standard Specification section 701, complete.	690	LF	\$30.00	\$20,700.00
14	701.500	Rock Excavation, including removal and disposal and backfill material, Complete	60	CY	\$325.00	\$19,500.00
15	901.030	Open trench per Standard Specification section 901, furnish and place in 8-inch sewer pipe (standard specification section 901, complete and in place.	3+10	LF	\$10.00	\$34,100.00
16	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	8	EA	\$500.00	\$4,000.00
17	905.040	Furnish and install 6-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	1	EA	\$750.00	\$750.00
18	905.050	Furnish and install 4-inch sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	410	LF	\$14.00	\$5,740.00
19	905.090	Furnish and install 6-inch sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	60	LF	\$30.00	\$1,800.00
20	920.010	Furnish and install manhole, 4-foot diameter, type C, less than 6-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	1	EA	\$4,500.00	\$4,500.00
21	920.070	deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	5	EA	\$5,500.00	\$27,500.00
22	920.080	Furnish and install manhole, 4-foot diameter, type C or E, 10-foot to 14-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	5	EA	\$6,500.00	\$32,500.00
23	920.090	Furnish and install manhole, 4-foot diameter, type C or E, > 14-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	2	VF	\$800.00	\$1,600.00
24	920.721	Furnish and install interior coating (protective polyurethane liner, Zetron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	1465	SF	\$10.00	\$14,653.64
25	1005.300	Remove, stockpile, blend, and reinstall Santa Fe Brown gravel with new fabric, complete in place.	2385	SY	\$8.00	\$19,080.00
26	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$2,500.00	\$2,500.00
b) Base Bid: Route 66 Sta. -0+02.33 To 33+70.00 - Subtotal of No. 1 through 26						
e) Subtotal						
Construction mobilization per Supplemental Specification Section 1503, complete.						
Construction demobilization per Supplemental Specification Section 1503, complete.						
4	621.4.1		5%	%	\$16,885.18	\$16,885.18
6	621.4.2		2%	%	\$6,754.07	\$6,754.07
Allowances						
Testing						
Total Allowances:						
\$ 10,000.00						
\$ 10,000.00						
g) Subtotal all Tasks with Mobilization and Allowances (Lines c+d+e+f):						
\$ 371,342.80						
h) Now Mexico Gross Receipts Tax (NMGR) on amount on Line g) Subtotal at 8.6825%						
\$ 29,939.53						
i) Contingencies @ 10% on lines g+h:						
\$ 40,128.24						
J) TOTAL (Line g) Subtotal plus (Line h) NMGR plus (Line i) Contingencies:						
\$ 441,410.87						

ENGINEER'S OPINION OF PROBABLE PROJECT COSTS
ADDITIVE BID: ENTRADA DEL NORTE STA. 0+00 TO 11+05.00

ID #	Bid Item #	Item Description	Est. Qty	Unit	Unit Price	Amount
1	4.010	Construction staking, complete.	1	LS	\$1,000.00	\$1,000.00
2	19.010	Provide construction traffic control and barricading per Standard Specification section 1200, complete.	1	LS	\$1,500.00	\$1,500.00
3	201.010	Clearing and Grubbing of Site per Standard Specification 201, complete.	1	LS	\$1,000.00	\$1,000.00
4	301.020	Subgrade prep, at 95% compaction per Standard Specification section 301, complete and in place.	350	SY	\$5.00	\$1,750.00
5	302.030	Supply and Place aggregate base course, crushed, 6-inch or less at 95% compaction per Standard Specification Section 302, Complete in Place	60	CY	\$45.00	\$2,700.00
6	336.024	Furnish and place asphalt concrete, 3-inch thick, Type B per Standard Specification section 336, complete in place.	350	SY	\$22.00	\$7,700.00
7	701.010	Trenching, backfilling and compaction for 4-inch to 15-inch sewer, 8-feet or less in depth, pipe not included per Standard Specification section 701, complete.	1030	LF	\$22.00	\$22,660.00
8	701.020	Trenching, backfilling, and compaction for 4-inch to 15-inch sewer pipe, over 8-feet to 12-feet in depth, pipe not included per Standard Specification section 701, complete.	100	LF	\$25.00	\$2,500.00
9	701.500	Rock Excavation, including removal and disposal and backfill material, Complete	40	CY	\$325.00	\$13,000.00
10	901.030	8-inch sewer pipe, (standard specification section 901), furnish and place in open trench per Standard Specification section 901, complete and in place.	1120	LF	\$10.00	\$11,200.00
11	905.010	Furnish and install 2-inch HDPE pressure sewer service, complete and in place.	2	EA	\$500.00	\$1,000.00
12	905.020	Furnish and install 2-inch HDPE pressure sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	100	LF	\$20.00	\$2,000.00
13	905.030	Furnish and install 4-inch sewer service with riser, including plastic pipe w/ casing, saddle and connection, complete and in place.	4	EA	\$500.00	\$2,000.00
14	905.050	Furnish and install 4-inch sewer service line, from main to property line (<8 feet Deep), including trench, saddle and connection per Standard Specification section 905, complete and in place.	30	LF	\$14.00	\$420.00
15	920.010	Furnish and install manhole, 4-foot diameter, type C, less than 6-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	1	EA	\$4,500.00	\$4,500.00
16	920.070	Furnish and install manhole, 4-foot diameter, type C or E, 6-foot to 10-foot deep per standard drawing 2101 per Standard Specification section 920, complete and in place.	4	EA	\$5,500.00	\$22,000.00
18	920.721	Furnish and install interior coating (protective polyurethane liner; Zebtron) including surface preparation in existing manhole, per standard technical specification 920 and Manhole Rehab Table, each sheet, complete.	527	SF	\$10.00	\$5,274.11
19	1011.010	Seed area, class A, native per Standard Specification section 1011, complete and in place.	1	LS	\$1,500.00	\$1,500.00
b) Additive Bid: Entrada Del Norte Sta. 0+00 To 11+05.00 – Subtotal of No. 1 through 19						\$103,704.11
c) Subtotal						\$103,704.11
d	621.4.1	Construction mobilization per Supplemental Specification Section 1503, complete.	5%	%	\$5,185.21	\$5,185.21
e	621.4.2	Construction demobilization per Supplemental Specification Section 1503, complete.	2%	%	\$2,074.08	\$2,074.08
f) Subtotal all Tasks with Mobilization and Allowances (lines c+d+e):						\$110,963.39
g) New Mexico Gross Receipts Tax (NMGR) on amount on Line f) Subtotal at 8.0625%:						\$ 8,946.43
h) Contingencies @ 10% on lines f+g:						\$ 11,990.98
i) TOTAL (Line f) Subtotal plus (Line g) NMGR plus (Line h) Contingencies:						\$ 131,900.81