MID VAL	LEY DMP -	ADDENDUM 1				
CITY OF	ALBUQUERQ	UE PROJECT NO. 7963.06				
PINION	OF PROBABI	E COST FOR CONCEPTUAL DESIGN				
FACIL	ITY 2.1 -	PRIORITY 1 - PURCHASE THE I	MARBLE-	ARNO	POND PROF	PERTY
DATE:	Tuesday,	July 17, 2012			=	
					ESTIMATED	
		DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	ESTIMATED AMOUNT
	ASSUMPTIO	NS				
a)	Property Cos		78,333 5037	SF SF SF	\$12.00 \$12.00	\$940,000.00 \$60,444.00
	Total Propert		3535	JI .	\$12.00	\$42,420.00 <b>\$1,042,864.</b> 0
b)		Gross Receipts Tax (NMGRT): Line a) Subtotal at 7.00%				\$73,000.48
c)	TOTAL - Line	a) Subtotal plus Line b) NMGRT:				\$1,115,864.4
	EXISTING UT	ILITIES IN CORRIDOR:				
		6" & 8" Water Line 8" & 12" SAS				
	GAS: TELEPHONE	8" Gas Line Fiber Optic Line				
	Property Cost:	Computed based on sales asking price of \$ 940,000 = \$12.00 per square foot, asking price provided by the COA in February 2012				
	Property Purchase:	The entire property will be purchased for Marble- Arno Pond				

PINION OF FACILIES OF THE PROPERTY OF THE PROP	DF PROBABI I <b>TY 2.2</b> - Tuesday, July	DESCRIPTION  Construction Staking including staking of project, quantity verification, and as-built information, compl.  Construction Project Sign, per Contract Special Provisions, cip. Construction Traffic Control & Barricading, compl. Site Clearing and Grubbing, compl. Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip. Aggregate Base Course, crushed, 6" at 95% compaction, cip. Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip. Tack Coat, cationic emulsified asphalt, cip. Sidewalk, 4" thick, Portland Cement Concrete, incl.	ESTIMATED QUANTITY  1 2 1 2.0 28,306 1,830 1,830	UNIT LS EA LS AC CY SY SY	ESTIMATED UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	ESTIMATEI AMOUNT \$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30 \$3,660.00
PACILIDATE: TO ATE: TO	TY 2.2 - Tuesday, July WAY  SPEC. ITEM NUMBER 4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	PRIORITY 2 - BUILD MARBLE-A  /17, 2012  DESCRIPTION  Construction Staking including staking of project, quantity verification, and as-built information, compl.  Construction Project Sign, per Contract Special Provisions, cip. Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	ESTIMATED QUANTITY  1 2 1 2.0 28,306 1,830 1,830	UNIT LS EA LS AC CY SY	ESTIMATED UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	ESTIMATEI AMOUNT \$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30
BID ITEM JUMBER 1 2 3 4 5 6 7 8 9 10	SPEC. ITEM NUMBER 4.010 6.010 19.010 201.010 302.011 301.020 302.010 336.022 336.120 340.010	DESCRIPTION  Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip.  Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	ESTIMATED QUANTITY  1 2 1 2.0 28,306 1,830 1,830	UNIT LS EA LS AC CY SY	ESTIMATED UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	ESTIMATEI AMOUNT \$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30
BID ITEM JUMBER 1 2 3 4 5 6 7 8 8 9 10	SPEC. ITEM NUMBER 4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	DESCRIPTION  Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip. Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	QUANTITY  1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30
BID ITEM JUMBER 1 2 3 4 5 6 7 8 8 9 10	SPEC. ITEM NUMBER 4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	DESCRIPTION  Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip. Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	QUANTITY  1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30
BID ITEM (UMBER 1 2 3 4 4 5 6 7 7 8 8 9 10	SPEC. ITEM NUMBER 4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip.  Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete  Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	QUANTITY  1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30
1 2 3 4 5 6 7 8 9 10	1TEM NUMBER 4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip.  Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete  Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	QUANTITY  1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$1,000.00 \$2,551.04 \$242,016.30
1 2 3 4 5 6 7 8 9 10	1TEM NUMBER 4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip.  Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete  Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	QUANTITY  1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	UNIT PRICE \$16,500.00 \$636.93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$1,000.00 \$2,551.04 \$242,016.30
1 2 3 4 5 6 7 8 9 10	4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip.  Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete  Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	QUANTITY  1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	\$16,500.00 \$636,93 \$11,000.00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$1,000.00 \$2,551.04 \$242,016.30
1 2 3 4 4 5 6 6 7 8 8 9 10	4.010 6.010 19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Staking including staking of project, quantity verification, and as-bullt information, compl.  Construction Project Sign, per Contract Special Provisions, cip.  Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete  Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	1 2 1 2.0 28,306 1,830 1,830	EA LS AC CY SY	\$16,500,00 \$636,93 \$11,000,00 \$1,281.93 \$8.55 \$2.00	\$16,500.00 \$1,273.86 \$11,000.00 \$2,551.04 \$242,016.30
3 4 5 6 7 8 9	19.010 201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Project Sign, per Contract Special Provisions, cip. Construction Traffic Control & Barricading, compl. Site Clearing and Grubbing, compl. Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip. Aggregate Base Course, crushed, 6" at 95% compaction, cip. Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip. Tack Coat, cationic emulsified asphalt, cip.	1 2.0 28,306 1,830 1,830	LS AC CY SY	\$11,000.00 \$1,281.93 \$8.55 \$2.00	\$11,000.00 \$2,551.04 \$242,016.30
4 5 6 7 8 9	201.010 202.011 301.020 302.010 336.022 336.120 340.010	Construction Traffic Control & Barricading, compl.  Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	2.0 28,306 1,830 1,830	CY SY	\$1,281.93 \$8.55 \$2.00	\$2,551.04 \$242,016.3
5 6 7 8 9	201.010 202.011 301.020 302.010 336.022 336.120 340.010	Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete Subgrade Prep. 12" at 95% compaction, cip.  Aggregate Base Course, crushed, 6" at 95% compaction, cip.  Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	28,306 1,830 1,830	CY SY	\$1,281.93 \$8.55 \$2.00	\$2,551.04 \$242,016.3
6 7 8 9	301.020 302.010 336.022 336.120 340.010	Subgrade Prep. 12" at 95% compaction, cip. Aggregate Base Course, crushed, 6" at 95% compaction, cip. Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip. Tack Coat, cationic emulsified asphalt, cip.	1,830 1,830	SY	\$2.00	
7 8 9 10	302.010 336.022 336.120 340.010	Aggregate Base Course, crushed, 6" at 95% compaction, cip. Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip. Tack Coat, cationic emulsified asphalt, cip.	1,830	1000		\$3,660.00
8 9 10	336.022 336.120 340.010	compaction, cin Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip. Tack Coat, cationic emulsified asphalt, cip.	THE SOCIETY	SY		
9	336.120 340.010	Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.  Tack Coat, cationic emulsified asphalt, cip.	0.000		\$6.93	\$12,681.90
9	336.120 340.010	Tack Coat, cationic emulsified asphalt, cip.	3,660	SY	\$9.52	\$34,843.20
10	340.010		1,830	SY	\$0.37	\$677.10
	340.050	subgrade compaction, cip. SD 2430	125	SY	\$40.09	\$5,011.25
11		Curb & Gutter, Standard, Portland Cement Concrete, incl. subgrade preparation, clp. SD 2415	280	LF	\$20.31	\$5,686.80
12	343.030	Existing Pavement, Asphalt Concrete, remove & dispose, any thickness, including cement treated base course, compl.	1,830	SY	\$9.51	\$17,403,30
13	343.080	Existing Curb & Gutter, PC Concrete, remove & dispose, complete	280	LF	\$6.42	\$1,797.60
14	343.085	Existing Sidewalk, 4" PC Concrete, including wheel chair access ramps, remove & dispose, compl.	125	SY	\$9.34	\$1,167.50
15	410.01X	Tubular Steel Fence, incl. posts & hardware, cip.	1,302	LF	\$75.00	\$97,650.00
16	510.110	Structural Reinforced PC Concrete, incl. formwork, cp.	21	CY	\$612.43	\$12,861.03
17	515.110	Steel Grate on top of concrete principal spillway, cip.	1	LS	\$2,000.00	\$2,000.00
18	515.120	Concrete Water Quality Feature, c.p.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LS	\$11,432.00	\$11,432.00
19	602.04X	Shotcrete Lining, 3" Thick, cip. Trenching, Backfilling and Compaction, for 18" to 36"	1,929	SY	\$27.50	\$53,047.50
20	701.100	RCP, up to 8' in depth, pipe not incl., compl.  Trenching, Backfilling and Compaction, for 18" to 36"	360 610	LF	\$24.02 \$27.25	\$8,647.20 \$16,622.50
0.00	70	RCP, 8' to 12' in depth, pipe not incl., compl.  Trenching, Backfilling and Compaction, for 42" to 60"	1000	16.55	BACK	-
22	701.160	RCP, over 8' to 12' in depth, pipe not incl., compl.	270	LF	\$34.52	\$9,320.40
23	801.003	8" Waterline Pipe excl. fittings, (std. spec. sec. 801), incl. trench & compacted backfill to 6' depth, cip	80	LF	\$22.24	\$1,779.20
24	801.055	Existing Waterline, 6" to 14", with fittings, Remove & Dispose, excl. trenching, compl.	80	LF	\$3.82	\$305.60
25	801.058	Pressurized Connection, existing waterline, all sizes, incl. fittings, compl.	2	EA	\$1,184.22	\$2,368.44
26	801.065	Ductile Iron MJ Fittings, Class 250, 4" to 14", incl. jointing material, cip.	500	LB	\$3,30	\$1,650.00
27	801.082	8" Gate Valve, cip. SD 2333	2	EA	\$875,06	\$1,750.12
28		Gate Valve, 4" to 12", Remove & Relay, compl.	2	EA	\$346.59	\$693.18
30	801.104 801.105	Valve Box, Remove & Dispose, compl. Valve Box, SD 2326	2 2	EA EA	\$128.36 \$404.35	\$256.72 \$808.70
31	910.006	18" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	280	LF	\$39.00	\$10,920.00
32	910.014	30" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	300	LF	\$49.72	\$14,916.00
33	910.018	36" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	390	LF	\$80.00	\$31,200.00
34	910.024	54" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	270	LF	\$197.25	\$53,257.50
35	915.010A	Catch Basin, Type "A" Double Grate, cip	18	EA	\$5,000.00	\$90,000.00
36	915.070	Catch Basin, Existing, Remove & Dispose, any type,	6	EA	\$1,103.47	\$6,620.82
37	920.140	including cleanup, complete Manhole, 6' dia., Type "C" or "E", 6' to 10' deep, cip. SD 2101	6	EA	\$3,618.99	\$21,713.94
38	920.570	Existing Manhole, Remove & Dispose, all depths, 4'	2	EA	\$722.69	\$1,445.38

BID ITEM	SPEC. ITEM	- 44	ESTIMATED		ESTIMATED UNIT	ESTIMATE
NUMBER	NUMBER	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
39	1010.01X	Park Development, incl. Landscaping & Equipment, complete	1)	AC	\$350,000.00	\$350,000.00
				Sub	total of Items 1-39	\$1,157,536.0
40	621.4.1	Mobilization (not to exceed 5% of above Subtotal)	1	LS	\$57,876.80	\$57,876.80
41	621.4.2	Demobilization (not to exceed 2% of above Subtotal)	1	LS	\$23,150.72	\$23,150.72
a)	Subtotal of It	em No. 1 through Item No. 41				\$1,238,563.6
<u>b)</u>	Contingencle	es @ 20%				\$247,712.7
c)	Subtotal Item	s and Contingencies				\$1,486,276.3
d)	Pre-Construc	ction Costs (Design, Survey, Geotech, & SUE = 15%	of C)			\$222,941.4
e)	Subtotal Item	s, Contingencies and pre-Construction Costs				\$1,709,217.7
	Property Cos	te.	0	SF	\$19.00	\$0.00
				SF.	\$19.00	\$0.00
g)	Subtotal Item	s and Property Costs				\$1,709,217.7
<u>h</u> )	Allowances					
		creen, 1 @ \$ 500.00 per sign ion Allowance			\$1,000.00 \$20,000.00	
		Materials Testing			\$20,000.00	
	111072 14035	Total Allowances			III C V	\$41,000.00
i)	Subtotal - Lin	e g)Subtotal plus Line h) Allowances:				\$1,750,217.7
Ð		Gross Receipts Tax (NMGRT): Line i) Subtotal at 7.00%				\$122,515.2
k)	TOTAL - Line	i) Subtotal plus Line j) NMGRT;				\$1,872,733.0
	EXISTING UT	ILITIES IN CORRIDOR:				
		6" & 8" Water Line 8" & 12" SAS		-		
	OLVICIA.	0 4 12 0/10				
		8" Gas Line				
	TELEPHONE ;	Fiber Optic Line				
	ASSUMPTION	IC.				
		\$19.00 per square foot (average from information				-
	Cost:	obtained from Brad Bingham at AMAFCA)				
	Pavement Section:	Arterial/Collector Street Section per COA Dwg. 2407				
	Trench Width:					
	Water Relocation:	40 LF per Crossing				
	Sewer Relocation:	None Required				
	Manholes:	1 in Broadway, 1 in Lomas, 1 in Marble, and 1 in Arno				
	No. of Storm Inlets:	10 in Broadway and 4 in Lomas				
		20 LF per Storm Inlet				
	Fence Around	Park (tubular steel fence) and Park Develoment Co	osts			
	Tubular Fence	- assume \$75.00 per LF for Fence and \$350,000 per a	cre for Park from	Consensu	us Planning	
	Park Developr Consensus Pla	nent Costs - assume \$350,000 per acre from Consensi anning)	us Planning (this	value is a	general cost provided	by COA to
-		lway Strcuture		-		
_		way Streature  vay with inverted ported pipes to control floatables - 1. s	lab on hottom as	sume 30 f	t. x 20 ft. x 8-in. thick	2. assume
	vertical walls 6	ift. tall on 4 sides, 8-in. thick walls and 10 ft. x 10 ft. in page 10 ft. in page 11 ft. in page 12 ft. in page 12 ft. in page 13 ft. in page 14 ft. in page 15 ft. in pag				

	LEY DMP -	ADDENDUM 1				
CITY OF	ALBUQUERQ	UE PROJECT NO. 7963.06				
OPINION	OF PROBABI	E COST FOR CONCEPTUAL DESIGN				
FACIL	ITY 14.1	- PRIORITY 1 - PURCHASE THE	<b>TIJERAS</b>	POND	PROPERTY	
DATE:	Tuesday	July 17, 2012				
	, accuay,					
					ESTIMATED	
			ESTIMATED		UNIT	ESTIMATE
		DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
	ASSUMPTIO	AIC				
	Property			15.5		
a)	Costs	Large LOT	39,849	SF	\$16.00	\$637,579.01
	Total Propert	ty Cost				\$637,579.01
b)	New Mexico	Gross Receipts Tax (NMGRT):				
		Line a) Subtotal at 7.00%				\$44,630.53
c)	TOTAL - Line	a) Subtotal plus Line b) NMGRT:				\$682,209.54
	EXISTING UT	ILITIES IN CORRIDOR:				
	WATER:	6" & 8" Water Line				
		8" & 12" SAS				
	GAS:	8" Gas Line				
	TELEPHONE	Fiber Optic Line				
	Property Cost:	Assume asking price same as for the Marble - Arno Pond Property 12\$ /sq st + 4\$ / sq ft				
	Property Purchase:	The entire property will be purchased for Tijeras Pond				

CITY OF A	ALBUQUERQ	UE PROJECT NO. 7963.06				
OPINION	OF PROBAB	LE COST FOR CONCEPTUAL DESIGN				
FACIL	ITY 14.2	: Build the Tijeras Pond, 18", 36	" and 60"	RCP		
DATE	Tuesday, July	y 17, 2012				
BID	SPEC.		ESTIMATED		ESTIMATED UNIT	ESTIMATE
NUMBER	NUMBER	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1	4.010	Construction Staking including staking of project, quantity verification, and as-built information, compl.	a	LS	\$16,500.00	\$16,500.00
2	6.010	Construction Project Sign, per Contract Special Provisions, cip.	2	EA	\$636.93	\$1,273.86
3	19.010	Construction Traffic Control & Barricading, compl.	1 0 0 4 4 0	LS	\$11,000.00	\$11,000.00
5	201.010	Site Clearing and Grubbing, compl.  Unsuitable Material, Excavate & Disposal, complete	0.9148 12,390	CY	\$1,281.93 \$8.55	\$1,172.71 \$105,934.50
6	301,020	Subgrade Prep. 12" at 95% compaction, cip.	700	SY	\$2.00	\$1,400.00
7	302.010	Aggregate Base Course, crushed, 6" at 95%	700	SY	\$6.93	\$4,851.00
3.9		compaction, cip. Asphalt Concrete Pavement, SP-III, 2 inch thick,	531	SY		
8	336.022	machine laydown, cip	700	122	\$9.52	\$6,664.00
10	336.120 340.010	Tack Coat, cationic emulsified asphalt, cip. Sidewalk, 4" thick, Portland Cement Concrete, incl.	700 327	SY	\$0.37 \$40.09	\$259.00 \$13,109.43
10	340.010	subgrade compaction, cip. SD 2430	321	91	φ40.09	\$13,109.43
11	340.050	Curb & Gutter, Standard, Portland Cement Concrete, incl. subgrade preparation, cip. SD 2415	300	LF	\$20.31	\$6,093.00
12	343.030	Existing Pavement, Asphalt Concrete, remove & dispose, any thickness, including cement treated base course, compl.	700	SY	\$9.51	\$6,657.00
13	343.080	Existing Curb & Gutter, PC Concrete, remove & dispose, complete	300	LF	\$6.42	\$1,926.00
14	343.065	Existing Sidewalk, 4" PC Concrete, including wheel chair access ramps, remove & dispose, compl.	327	SY	\$9.34	\$3,054.18
15	410.01X	Tubular Steel Fence, incl. posts & hardware, cip. Structural Reinforced PC Concrete, incl. formwork,	735	LF	\$75.00	\$55,125.00
16	510.110	dp.	21	CY	\$612.43	\$12,861.03
17	515,110	Steel Grate on top of concrete principal spillway, cip.	1	LS	\$2,000.00	\$2,000.00
18	515,120	Concrete Water Quality Feature, cip.	1 000	LS	\$11,432.00	\$11,432.00
19	602.04X	Shotcrete Lining, 3" Thick, cip.  Trenching, Backfilling and Compaction, for 18" to 36"	1,089	SY	\$27.50	\$29,947.50
20	701.120	RCP, up to 12'-16' in depth, pipe not incl., compl.	100	LF	\$29.93	\$2,993.00
21	701,110	Trenching, Backfilling and Compaction, for 18" to 36" RCP, up to 12'-16' in depth, pipe not incl., compl.	294	LF	\$29.93	\$8,799.42
22	701.170	Trenching, Backfilling and Compaction, for 42" to 60" RCP, over 12' to 16' in depth, pipe not incl., compl.	150	LF	\$36.39	\$5,458.50
23	801.003	8" Waterline Pipe excl. fittings, (std. spec. sec. 801), incl. trench & compacted backfill to 6' depth, cip	40	LE	\$22.24	\$889.60
24	801.055	Existing Waterline, 6" to 14", with fittings, Remove & Dispose, excl. trenching, compl.	40	LF	\$3.82	\$152.80
25	801.058	Pressurized Connection, existing waterline, all sizes,	4	EA	\$1,184.22	\$1,184.22
26	801.065	incl. fittings, compl.  Ductile Iron MJ Fittings, Class 250, 4" to 14", incl.	250	LB	\$3.30	\$825.00
27	801.082	jointing material, cip. 8" Gate Valve, cip. SD 2333	1	EA	\$875.06	\$825.00
28	801.101	Gate Valve, dp. SD 2333 Gate Valve, 4" to 12", Remove & Relay, compl.	1	EA	\$346.59	\$346.59
29	801.104	Valve Box, Remove & Dispose, compl.	-1	EA	\$128,36	\$128.36
30	801.105	Valve Box, SD 2326 18" Reinforced Concrete Pipe, Class IV, furnish and	1	EA	\$404.35	\$404.35
31	910,006	install in open trench, op	100	LF	\$39.00	\$3,900,00
32	910.014	30" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip. 36" Reinforced Concrete Pipe, Class IV, furnish and	0	LF	\$49.72 \$80.00	\$0.00
33	910.018	install in open trench, up. 60" Reinforced Concrete Pipe, Class IV, furnish and	294	LF		\$23,520.00
34	910.026	install in open trench, cip.	88	LF	\$223.87	\$19,700.56
35	915.010A	Catch Basin, Type "A" Double Grate, cip. Catch Basin, Existing, Remove & Dispose, any type,	18	EA	\$5,000.00	\$90,000.00
36	915.070	including cleanup, complete  Manhole, 6' dia., Type "C" or "E", 10' to 14' deep, cip.	6	EA	\$1,103.47	\$6,620.82
37	920.150	SD 2101	3	EA	\$5,010.80	\$15,032.40
38	920.570	Existing Manhole, Remove & Dispose, all depths, 4' 6' dia., complete	2	EA	\$722.69	\$1,445.38

BID	SPEC. ITEM		ESTIMATED		ESTIMATED UNIT	ESTIMATI		
IUMBER	NUMBER	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUN		
39	1010.01X	Park Development, incl. Landscaping & Equipment, complete	41	AC	\$50,000.00	\$50,000.0		
				Subt	otal of Items 1-39	\$523,536.2		
40	621.4.1	Mobilization (not to exceed 5% of above Subtotal)	4	LS	\$26,176.81	\$26,176.8		
41	621.4.2	Demobilization (not to exceed 2% of above Subtotal)	16	LS	\$10,470.73	\$10,470.7		
<u>a)</u>	Subtotal of It	em No. 1 through Item No. 41				\$560,183.8		
b)	Contingencie	es @ 20%				\$112,036.		
c)	Subtotal Item	s and Contingencies				\$672,220.5		
ď	Pre-Construc	tion Costs (Design, Survey, Geotech, & SUE = 15%	of C)			\$100,833.0		
e)	Subtotal Item	s, Contingencies and pre-Construction Costs				\$773,053.6		
ŋ	Property Cos	its	0	SF	\$19.00	\$0.00		
g)	Subtotal Item	s and Property Costs				\$773,053.6		
h)	Allowances							
- 10		creen, 1 @ \$ 500.00 per sign			\$1,000.00			
	Utility Relocat Construction I	Materials Testing			\$20,000.00 \$20,000.00			
		Total Allowances			7=-,	\$41,000.0		
<u>l)</u>	Subtotal - Lin	e g)Subtotal plus Line h) Allowances:				\$814,053.6		
D		Gross Receipts Tax (NMGRT): Line i) Subtotal at 7.00%				\$56,983.7		
ы		i) Subtotal plus Line i) NMGRT:				\$871,037.4		
- "	TOTAL - Line	I) Subtotal plus Line I) I I I I I I I				φον 1,00γ.		
	EXISTING UT	ILITIES IN CORRIDOR:						
	MATER-	6" & 8" Water Line						
		8" & 12" SAS						
	GAS:	8" Gas Line						
	TELEPHONE	Fiber Optic Line						
	ASSUMPTION Property	\$12.00 per square foot (average from information						
		obtained from Brad Bingham at AMAFCA)						
	Pavement Section:	Arterial/Collector Street Section per COA Dwg. 2407						
	Trench Width:	1/2 Street Width						
	Water Relocation:	40 LF per Crossing						
	Relocation:	None Required						
		1 in Broadway, 1 in Lomas, 1 in Marble, and 1 in						
	No. of Storm Inlets:							
		20 LF per Storm Inlet						
	Fence Around	d Park (tubular steel fence) and Park Develoment C	osts					
	Tubular Fence	- assume \$75.00 per LF for Fence and \$350,000 per a	icre for Park from	Consensu	is Planning			
	Park Developn Consensus Pla	nent Costs - assume \$350,000 per acre from Consenso	us Planning (this v	/alue is a g	eneral cost provided	by COA to		
	10 12 000	Iway Strcuture						
	morpar apii	way Streams  easy with inverted ported pipes to control floatables - 1. s						

MID VALLEY DMP ADDENDUM 1

CITY OF ALBUQUERQUE PROJECT NO. 7963.06

OPINION OF PROBABLE COST FOR CONCEPTUAL DESIGN

## FACILITY 14.3 - Build 36-in. Storm Drain from Tijeras to Marble-Arno Pond on Broadway - Marble

DATE:	Tuesday luk	Broadway - I	viarbie	11 11		
DATE:	Tuesday, Jul	y 17, 2012				
ROAD	WAY					
BID ITEM NUMBER	SPEC. ITEM NUMBER	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	ESTIMATED AMOUNT
1	4.010	Construction Staking including staking of project, quantity verification, and as-built information, compl.	1	LS	\$26,300.00	\$26,300.00
2	6.010	Construction Project Sign, per Contract Special Provisions, cip.	2	EA	\$636.93	\$1,273.86
3	19.010	Construction Traffic Control & Barricading, compl.	1	LS	\$17,500.00	\$17,500.00
4	301.020	Subgrade Prep. 12" at 95% compaction, cip.	4,492	SY	\$2.00	\$8,984.00
5	302.010	Aggregate Base Course, crushed, 6" at 95% compaction, cip.	4,492	SY	\$6.93	\$31,129.56
6	336.022	Asphalt Concrete Pavement, SP-III, 2 inch thick, machine laydown, cip.	4,492	SY	\$9.52	\$42,763.84
7	336.120	Tack Coat, cationic emulsified asphalt, cip.	4,492	SY	\$0.37	\$1,662.04
8	340.050	Curb & Gutter, Standard, Portland Cement Concrete, incl. subgrade preparation, cip. SD 2415	1,925	LF	\$20.31	\$39,096.75
9	343.030	Existing Pavement, Asphalt Concrete, remove & dispose, any thickness, including cement treated base course, compl.	4,492	SY	\$9.51	\$42,718.92
10	343.080	Existing Curb & Gutter, PC Concrete, remove & dispose, complete	1,925	LF	\$6.42	\$12,358.50
11	701.100	Trenching, Backfilling and Compaction, for 18" to 36" RCP, up to 8' in depth, pipe not incl., compl.	2,566	LF	\$24.02	\$61,635.32
12	701.160	Trenching, Backfilling and Compaction, for 42" to 60" RCP, over 8' to 12' in depth, pipe not incl., compl.	0	LF	\$34.52	\$0.00
13	801.002	6" Waterline Pipe excl. fittings,(std. spec. sec. 801), incl. trench & compacted backfill to 6' depth, cip.	200	LF	\$21.28	\$4,256.00
14	801.007	16" Waterline Pipe excl. fittings,(std. spec. sec. 801), incl. trench & compacted backfill to 6' depth, cip,	200	LF	\$70.60	\$14,120.00
15	801.055	Existing Waterline, 6" to 14", with fittings, Remove & Dispose, excl. trenching, compl.	200	LF	\$3.82	\$764.00
16	801.059	Non-pressurized Connection, existing waterline, all sizes, incl. fittings, compl.	5	EA	\$1,027.77	\$5,138.85
17	801.065	Ductile Iron MJ Fittings, Class 250, 4" to 14", incl. jointing material, cip.	1,250	LB	\$3.30	\$4,125.00
18	801,081	6" Gate Valve, cip. SD 2333	2	EA	\$689.69	\$1,379.38
19	801.087	16" Butterfly Valve, w/3in operation nut, cip. SD 2351	2	EA	\$5,058.85	\$10,117.70
20	801.101	Gate Valve, 4" to 12" Remove & Relay, compl.	5	EA	\$346.59	\$1,732.95
21	801.104	Valve Box, Remove & Dispose, compl.	5	EA	\$128.36	\$641.80
22	801.105	Valve Box, SD 2326	5	EA	\$404.35	\$2,021.75
23	801.150	Mechanical Joint Restraining Gland, DI & PVC, 4"-8", cip.	25	EA	\$75.86	\$1,896.50
24	801.151	Mechanical Joint Restraining Gland, DI & PVC, 10"-12", cip.	25	EA	\$111.35	\$2,783.75
25	801.157	Joint Restraining Harness, DI & PVC, 4"-8", cip.	25	EA	\$78.79	\$1,969.75
26	801.158	Joint Restraining Harness, DI & PVC, 10"-12", cip.	25	EA	\$85.08	\$2,127.00
27	910.005	18" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	641	LF	\$38.96	\$24,973.36
28	910.017	36" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	1,925	LF	\$76.79	\$147,820.75

BID ITEM	SPEC.		ESTIMATED		ESTIMATED UNIT	ESTIMATE
NUMBE	R NUMBER		QUANTITY	UNIT	PRICE	AMOUNT
29	910.104	Drainline, Remove & Dispose, 21" to 48" excl. trenching & backfilling, compl.	1,925	LF	\$17.28	\$33,264.0
30	910.026	60" Reinforced Concrete Pipe, Class IV, furnish and install in open trench, cip.	0	LF	\$223.87	\$0.00
31	915.010A	Catch Basin, Type "A" Double Grate, cip.	26	EA	\$5,000.00	\$130,000.0
32	915.070	Catch Basin, Existing, Remove & Dispose, any type, including cleanup, complete	10	EA	\$1,103.47	\$11,034.7
33	920.210	Manhole, 8' dia., Type "C" or "E", 6' to 10' deep, cip. SD 2101	7	EA	\$8,338.77	\$58,371.3
	920.570	Existing Manhole, Remove & Dispose, all depths, 4' 6' dia., complete	6	EA	\$722.69	\$4,336.14
34				Subt	otal of Items 1-33	\$748,297.5
35	621.4.1	Mobilization (not to exceed 5% of above Subtotal)	1	LS.	\$37,414.88	\$37,414.88
36	621.4.2	Demobilization (not to exceed 2% of above Subtotal)	1	LS	\$14,965.95	\$14,965.95
	Subtotal of I	tem No. 1 through Item No. 35				\$800,678.3
	Contingenci	es @ 20%				
		ns and Contingencies				\$160,135.6
		ction Costs (Design, Survey, Geotech, & SUE) = 15%				\$960,814.0
			of C)			\$144,122.1
<u>e</u> )	Subtotal Iten	ns, Contingencies and pre-Construction Costs				\$1,104,936.
	Property Cos		0	SF	\$19.00	\$0.00
<u>g</u> )	Subtotal Iten	ns and Property Costs				\$1,104,936.1
h)	Allowances					
		Screen, 2 @ \$ 500.00 per sign			\$1,000.00	
		ion Allowance Materials Testing			\$15,000.00	
		Total Allowances			\$15,000.00	\$31,000.00
i)	Subtotal - Lin	e g)Subtotal plus Line h) Allowances:				\$1,135,936.1
a	Now Movico	Gross Receipts Tax (NMGRT):				,
- "	on amount on	Line i) Subtotal at 7.00%				#70 F45 50
L\						\$79,515.53
	EXISTING UT	i) Subtotal plus Line j) NMGRT: ILITIES IN CORRIDOR:				\$1,215,451.7
		6", 8", 10", 12", & 16" Water Line 8" & 18" SAS				
	GAS:	10" Gas Line in Rio Grande, 8" Gas Line in Chacoma, 4" Gas Line in San Pasquale and Laguna				
	TELEPHONE :	Fiber Optic and Copper in Rio Grande, Overhead Lines in Chacoma, No Facilities in San Pasquale, Copper Line in Laguna				
	ASSUMPTION					
	Cost:	\$19.00 per square foot (average from information obtained from Brad Bingham at AMAFCA)				
	Section:	Arterial/Collector Street Section per COA Dwg, 2407				
	Width:	1/2 Street Width				
	Water Relocation:	40 LF per Crossing				
		None Required				
		1 per 300 LF Storm Drain				
		4 per 300 LF Storm Drain				
	18" Laterals:	100 LF per 300 LF Storm Drain				