

Inbound Pena Boulevard Reconstruction										
Bid Comparisons										
						Date of Evaluation: 5/13/2011				
						Completed by: Annette Kimble for Glenn Frieler				
City and County of Denver										
Denver International Airport										
CE12012										
		Castle Rock Construction				Concrete Works of Colorado		Millstone Bangert, Inc		
No.	Bid No.	Bid Item Description	Bid Quantity	UNIT	Unit Price	Item Cost	Unit Price	Item Cost	Unit Price	Item Cost
1	201-00001	CLEARING AND GRUBBING	15	ACRE	\$ 1,450.00	\$ 21,750.00	\$ 1,730.00	\$ 25,950.00	\$ 10,000.00	\$ 150,000.00
2	202-00027	REMOVAL OF RIPRAP	79	SY	\$ 25.35	\$ 2,002.65	\$ 30.00	\$ 2,370.00	\$ 25.00	\$ 1,975.00
3	202-00090	REMOVAL OF DELINEATOR	75	EA	\$ 7.50	\$ 562.50	\$ 12.00	\$ 900.00	\$ 25.00	\$ 1,875.00
4	202-00210	REMOVAL OF CONCRETE PAVEMENT	36,422	SY	\$ 4.85	\$ 176,646.70	\$ 10.00	\$ 364,220.00	\$ 14.00	\$ 509,908.00
5	202-00220	REMOVAL OS ASPHALT MAT	869	SY	\$ 8.80	\$ 7,647.20	\$ 10.00	\$ 8,690.00	\$ 20.00	\$ 17,380.00
6	202-01130	REMOVAL OF GUARDRAIL (TYPE 3)	308	LF	\$ 2.25	\$ 693.00	\$ 5.00	\$ 1,540.00	\$ 10.00	\$ 3,080.00
7	203-00060	EMBANKMENT MATERIAL (COMPLETE IN PLACE)	8,295	CY	\$ 18.65	\$ 154,701.75	\$ 10.00	\$ 82,950.00	\$ 20.00	\$ 165,900.00
8	203-01100	PROOF ROLLING	40	HR	\$ 75.00	\$ 3,000.00	\$ 98.00	\$ 3,920.00	\$ 100.00	\$ 4,000.00
9	206-00065	STRUCTURE BACKFILL (FLOW-FILL)	100	CY	\$ 100.00	\$ 10,000.00	\$ 121.00	\$ 12,100.00	\$ 100.00	\$ 10,000.00
10	207-A0001	STOCKPILE MANAGEMENT WITH PROTECTION	1	EA	\$ 5,000.00	\$ 5,000.00	\$ 948.00	\$ 948.00	\$ 2,000.00	\$ 2,000.00
11	208-A0001	SEDIMENT CONTROL LOG	23,517	LF	\$ 2.90	\$ 68,199.30	\$ 4.00	\$ 94,068.00	\$ 3.00	\$ 70,551.00
12	208-00020	SILT FENCE	179	LF	\$ 1.05	\$ 187.95	\$ 2.00	\$ 358.00	\$ 3.00	\$ 537.00
12	208-00040	CHECK DAM	79	EA	\$ 78.75	\$ 6,221.25	\$ 287.00	\$ 22,673.00	\$ 100.00	\$ 7,900.00
13	208-A0002	CONCRETE WASHOUT AREA	1	EA	\$ 1,312.50	\$ 1,312.50	\$ 579.00	\$ 579.00	\$ 2,000.00	\$ 2,000.00
14	208-A0003	INLET PROTECTION	42	EA	\$ 131.25	\$ 5,512.50	\$ 210.00	\$ 8,820.00	\$ 100.00	\$ 4,200.00
15	208-A0004	CULVERT INLET PROTECTION	11	EA	\$ 131.25	\$ 1,443.75	\$ 342.00	\$ 3,762.00	\$ 100.00	\$ 1,100.00
16	208-A0005	VEHICLE TRACKING CONTROL	2	EA	\$ 2,205.00	\$ 4,410.00	\$ 1,320.00	\$ 2,640.00	\$ 2,000.00	\$ 4,000.00
17	208-A0006	STABILIZED STAGING AREA	1,112	SY	\$ 2.35	\$ 2,613.20	\$ 3.00	\$ 3,336.00	\$ 1.00	\$ 1,112.00
18	208-A0009	CONSTRUCTION FENCE	220	LF	\$ 2.10	\$ 462.00	\$ 3.00	\$ 660.00	\$ 1.00	\$ 220.00
19	210-00810	RE-SET GROUND SIGN	14	EA	\$ 105.00	\$ 1,470.00	\$ 105.00	\$ 1,470.00	\$ 200.00	\$ 2,800.00
20	210-00815	RE-SET SIGN PANEL	4	EA	\$ 131.25	\$ 525.00	\$ 132.00	\$ 528.00	\$ 500.00	\$ 2,000.00
21	210-A0001	REMOVE AND RE-SET SNOW FENCE	3,280	LF	\$ 3.15	\$ 10,332.00	\$ 5.00	\$ 16,400.00	\$ 5.00	\$ 16,400.00
22	210-A0002	REMOVE AND RE-SET 48 INCH FLARED END SECTION	2	EA	\$ 1,230.00	\$ 2,460.00	\$ 756.00	\$ 1,512.00	\$ 500.00	\$ 1,000.00
23	212-A0001	SURFACE ROUGHENING	8	ACRE	\$ 157.50	\$ 1,275.75	\$ 563.00	\$ 4,560.30	\$ 350.00	\$ 2,835.00
24	212-A0002	PERMANENT SEEDING (INCLUDING SOIL AMENDMENT)	8	ACRE	\$ 4,563.30	\$ 36,962.73	\$ 3,950.00	\$ 31,995.00	\$ 2,000.00	\$ 16,200.00
25	216-00015	SOIL RETENTION BLANKET (EXCELSIOR)	4,931	SY	\$ 1.65	\$ 8,136.15	\$ 3.00	\$ 14,793.00	\$ 3.00	\$ 14,793.00
26	304-06007	AGGREGATE BASE COURSE (CLASS 6)	4,048	CY	\$ 7.75	\$ 31,372.00	\$ 37.99	\$ 153,783.52	\$ 30.00	\$ 121,440.00
27	304-06007	AGGREGATE BASE COURSE (CLASS 6) (LEFT SHOULDER)	339	CY	\$ 7.75	\$ 2,627.25	\$ 46.50	\$ 15,763.50	\$ 30.00	\$ 10,170.00
28	403-33841	HOT MIX ASPHALT (GRADING S) (100) (PG64-22)	9,776	TON	\$ 55.50	\$ 542,568.00	\$ 65.00	\$ 635,440.00	\$ 50.00	\$ 488,800.00
29	412-01100	CONCRETE PAVEMENT (11 INCH)	36,422	SY	\$ 31.85	\$ 1,160,040.70	\$ 46.50	\$ 1,693,623.00	\$ 50.00	\$ 1,821,100.00
30	420-00132	GEOTEXTILE (SEPARATOR) (CLASS 1)	36,422	SY	\$ 1.40	\$ 50,990.80	\$ 3.00	\$ 109,266.00	\$ 3.00	\$ 109,266.00
31	603-01120	12 INCH REINFORCED CONCRETE PIPE	173	LF	\$ 39.50	\$ 6,833.50	\$ 46.00	\$ 7,958.00	\$ 70.00	\$ 12,110.00
32	603-01180	18 INCH REINFORCED CONCRETE PIPE	238	LF	\$ 51.50	\$ 12,257.00	\$ 52.00	\$ 12,376.00	\$ 80.00	\$ 19,040.00
33	603-01480	48 INCH REINFORCED CONCRETE PIPE	10	LF	\$ 315.00	\$ 3,150.00	\$ 386.00	\$ 3,860.00	\$ 200.00	\$ 2,000.00
34	603-05012	12 INCH REINFORCED CONCRETE END SECTION	4	EA	\$ 430.00	\$ 1,720.00	\$ 802.00	\$ 3,208.00	\$ 1,000.00	\$ 4,000.00
35	603-05018	18 INCH REINFORCED CONCRETE END SECTION	4	EA	\$ 475.00	\$ 1,900.00	\$ 928.00	\$ 3,712.00	\$ 1,200.00	\$ 4,800.00
36	606-00301	GUARDRAIL TYPE 3 (8-3 POST SPACING)	1,513	LF	\$ 13.25	\$ 20,047.25	\$ 15.00	\$ 22,695.00	\$ 20.00	\$ 30,260.00
37	606-01340	END ANCHORAGE TYPE 3D	4	EA	\$ 747.60	\$ 2,990.40	\$ 700.00	\$ 2,800.00	\$ 1,500.00	\$ 6,000.00
38	606-02005	END ANCHORAGE (FLARED)	4	EA	\$ 1,583.90	\$ 6,375.60	\$ 1,710.00	\$ 6,840.00	\$ 1,500.00	\$ 6,000.00
39	612-00001	DELINEATOR (FLEXIBLE) (TYPE I)	39	EA	\$ 23.10	\$ 900.90	\$ 23.00	\$ 897.00	\$ 50.00	\$ 1,950.00
40	612-00002	DELINEATOR (FLEXIBLE) (TYPE II)	3	EA	\$ 24.15	\$ 72.45	\$ 24.00	\$ 72.00	\$ 50.00	\$ 150.00
41	612-00003	DELINEATOR (FLEXIBLE) (TYPE III)	11	EA	\$ 26.25	\$ 288.75	\$ 17.00	\$ 187.00	\$ 50.00	\$ 550.00
41	614-00044	TIMBER SIGN POST 4X4 INCH	160	LF	\$ 18.90	\$ 3,024.00	\$ 19.00	\$ 3,040.00	\$ 10.00	\$ 1,600.00
42	614-00200	STEEL SIGN POST (U-2)	20	LF	\$ 14.70	\$ 294.00	\$ 15.00	\$ 300.00	\$ 50.00	\$ 1,000.00
43	615-A0001	WATER CONTROL	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 26,500.00	\$ 26,500.00	\$ 15,000.00	\$ 15,000.00
44	621-00450	DETOUR PAVEMENT	6,053	SY	\$ 28.15	\$ 170,391.95	\$ 110.00	\$ 665,830.00	\$ 20.00	\$ 121,060.00
45	625-00000	CONSTRUCTION SURVEYING	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 25,000.00	\$ 25,000.00
46	626-00000	MOBILIZATION	1	LS	\$ 277,000.00	\$ 277,000.00	\$ 350,000.00	\$ 350,000.00	\$ 528,000.00	\$ 528,000.00
47	627-00005	EPOXY PAVEMENT MARKING PAINT	67	GAL	\$ 157.50	\$ 10,552.50	\$ 158.00	\$ 10,586.00	\$ 100.00	\$ 6,700.00
48	630-A0001	CONSTRUCTION TRAFFIC CONTROL	1	LS	\$ 130,280.00	\$ 130,280.00	\$ 105,000.00	\$ 105,000.00	\$ 100,000.00	\$ 100,000.00
		TOTAL BASE BID				\$ 3,004,204.93	Incorrect on bid form	\$ 4,595,479.32		\$ 4,449,762.00
		SCHEDULE A DRAINAGE								
1	208-a0007	5 FOOT AGGREGATE SHOULDER	172	LF	\$ 37.95	\$ 6,527.40	\$ 35.00	\$ 6,020.00	\$ 35.00	\$ 6,020.00
2	208-A0008	7 FOOT UNDERDRAIN SHOULDER	7,715	LF	\$ 37.95	\$ 292,784.25	\$ 50.00	\$ 385,750.00	\$ 45.00	\$ 347,175.00
3	506-00209	RIP RAP (9 INCH)	10	CY	\$ 110.00	\$ 1,100.00	\$ 67.50	\$ 675.00	\$ 75.00	\$ 750.00
4	603-A0001	6 INCH NON-PERFORATED HDPE PIPE	1,298	LF	\$ 19.00	\$ 24,662.00	\$ 15.00	\$ 19,470.00	\$ 20.00	\$ 25,960.00
5	604-00305	TYPE C INLET (5 FOOT)	39	EA	\$ 2,625.00	\$ 102,375.00	\$ 2,080.00	\$ 81,120.00	\$ 2,000.00	\$ 78,000.00
		TOTAL SCHEDULE A				\$ 427,448.65	Incorrect on bid form	\$ 411,915.00		\$ 457,905.00
		SCHEDULE B DRAINAGE								
1	304-A0001	AGGREGATE BASE COURSE (CLASS 1) (SPECIAL)	170	CY	\$ 62.25	\$ 10,582.50	\$ 37.00	\$ 6,290.00	\$ 30.00	\$ 5,100.00
2	403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	97	TON	\$ 119.58	\$ 11,599.26	\$ 116.00	\$ 11,252.00	\$ 100.00	\$ 9,700.00
3	506-00030	GROUTED RIP RAP (9 INCH)	727	CY	\$ 73.00	\$ 53,071.00	\$ 95.00	\$ 69,065.00	\$ 85.00	\$ 61,795.00
4	604-00305	TYPE C INLET (5 FOOT)	10	EA	\$ 2,625.00	\$ 26,250.00	\$ 2,730.00	\$ 27,300.00	\$ 2,000.00	\$ 20,000.00
5	605-82100	PIPE EDGE DRAIN	7,311	LF	\$ 8.75	\$ 63,971.25	\$ 13.00	\$ 95,043.00	\$ 20.00	\$ 146,220.00
6	605-84000	SUBSURFACE DRAIN OUTLET	900	LF	\$ 13.75	\$ 12,375.00	\$ 19.00	\$ 17,100.00	\$ 20.00	\$ 18,000.00
7	609-60011	CURB TYPE 6 (SECTION M)	1,663	LF	\$ 8.40	\$ 13,969.20	\$ 10.00	\$ 16,630.00	\$ 10.00	\$ 16,630.00
		TOTAL SCHEDULE B				\$ 191,818.21		\$ 242,680.00		\$ 277,445.00