

OC 72015

2007 ON-CALL STRUCTURAL AND SAFETY REPAIRS, PHASE I

Engineer's Estimate

Bid Opening:

K.E.C.I. Colorado, Inc.

ABCO Contracting Co.

Contractors Bonding & Ins. Company

Insurance Company of the West

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	Engineer's Estimate		K.E.C.I. Colorado, Inc.		ABCO Contracting Co.	
				UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
202-00203	REMOVAL OF CURB AND GUTTER	46	LIN FT	\$ 10.13	\$ 465.98	\$ 20.00	\$ 920.00	\$ 14.00	\$ 644.00
202-00206	REMOVAL OF SIDEWALK	91	SQ YD	\$ 20.00	\$ 1,820.00	\$ 25.00	\$ 2,275.00	\$ 23.00	\$ 2,093.00
202-00210	REMOVAL OF CONCRETE PAVEMENT	41	SQ YD	\$ 29.75	\$ 1,219.75	\$ 45.00	\$ 1,845.00	\$ 36.00	\$ 1,476.00
202-00220	REMOVAL OF ASPHALT MAT	30	SQ YD	\$ 24.00	\$ 720.00	\$ 40.00	\$ 1,200.00	\$ 31.00	\$ 930.00
202-00426	REMOVAL OF BRIDGE RAILING (STOCKPILE)(ALUMINUM)	20	LIN FT	\$ 42.50	\$ 850.00	\$ 25.00	\$ 500.00	\$ 30.00	\$ 600.00
202-00505	REMOVAL OF PORTIONS OF PRESENT STRUCTURE (BRIDGE DECK 0-2 INCH)	20	SQ YD	\$ 155.00	\$ 3,100.00	\$ 250.00	\$ 5,000.00	\$ 121.00	\$ 2,420.00
202-00506	REMOVAL OF PORTIONS OF PRESENT STRUCTURE (BRIDGE DECK 0-4 INCH)	20	SQ YD	\$ 302.00	\$ 6,040.00	\$ 350.00	\$ 7,000.00	\$ 178.00	\$ 3,560.00
202-01002	REMOVAL OF STEEL RAIL	304	LIN FT	\$ 23.00	\$ 6,992.00	\$ 15.00	\$ 4,560.00	\$ 18.00	\$ 5,472.00
203-00000	UNCLASSIFIED EXCAVATION	36	CU YD	\$ 32.50	\$ 1,170.00	\$ 50.00	\$ 1,800.00	\$ 70.00	\$ 2,520.00
203-00100	MUCK EXCAVATION	20	CU YD	\$ 36.25	\$ 725.00	\$ 50.00	\$ 1,000.00	\$ 70.00	\$ 1,400.00
206-00000	STRUCTURE EXCAVATION	56	CU YD	\$ 37.50	\$ 2,100.00	\$ 50.00	\$ 2,800.00	\$ 70.00	\$ 3,920.00
206-00065	STRUCTURE BACKFILL (FLOW-FILL)	30	CU YD	\$ 142.75	\$ 4,282.50	\$ 150.00	\$ 4,500.00	\$ 150.00	\$ 4,500.00
206-00100	STRUCTURE BACKFILL (CLASS 1)	51	CU YD	\$ 50.25	\$ 2,562.75	\$ 50.00	\$ 2,550.00	\$ 42.00	\$ 2,142.00
304-06000	AGGREGATE BASE COURSE (CLASS 6)(CIP)	30	TON	\$ 40.00	\$ 1,200.00	\$ 50.00	\$ 1,500.00	\$ 25.00	\$ 750.00
403-00721	HOT BITUMINOUS PAVEMENT (PATCHING)(ASPHALT)	20	TON	\$ 138.75	\$ 2,775.00	\$ 175.00	\$ 3,500.00	\$ 173.00	\$ 3,460.00
403-35400	HOT BITUMINOUS PAVEMENT (GRADING SX) (109)	20	TON	\$ 139.25	\$ 2,785.00	\$ 175.00	\$ 3,500.00	\$ 177.00	\$ 3,540.00
412-00600	6 INCH CONCRETE PAVEMENT	41	SQ YD	\$ 56.00	\$ 2,296.00	\$ 70.00	\$ 2,870.00	\$ 53.00	\$ 2,173.00
412-00800	8 INCH CONCRETE PAVEMENT	51	SQ YD	\$ 67.50	\$ 3,442.50	\$ 80.00	\$ 4,080.00	\$ 89.00	\$ 4,539.00
412-01000	10 INCH CONCRETE PAVEMENT	41	SQ YD	\$ 95.00	\$ 3,895.00	\$ 90.00	\$ 3,690.00	\$ 103.00	\$ 4,223.00
506-00212	RIPRAP (12 INCH)	51	CU YD	\$ 112.50	\$ 5,737.50	\$ 100.00	\$ 5,100.00	\$ 120.00	\$ 6,120.00
506-00218	RIPRAP (18 INCH)	51	CU YD	\$ 126.25	\$ 6,438.75	\$ 125.00	\$ 6,375.00	\$ 155.00	\$ 7,905.00
514-00000	PIPE RAIL (2 INCH DIA.)	101	LIN FT	\$ 94.00	\$ 9,494.00	\$ 75.00	\$ 7,575.00	\$ 57.00	\$ 5,757.00
514-00200	FABRICATION AND INSTALLATION OF PEDESTRIAN RAILING (STEEL)(NEW)	304	LIN FT	\$ 144.00	\$ 43,776.00	\$ 100.00	\$ 30,400.00	\$ 367.00	\$ 111,568.00
514-00201	PAINTING OF PEDESTRIAN RAILING (STEEL)(NEW)	304	LIN FT	\$ 22.25	\$ 6,764.00	\$ 25.00	\$ 7,600.00	\$ 62.00	\$ 18,848.00
514-01001	BRIDGE RAILING (ALUMINUM) (REPAIR)	51	LIN FT	\$ 122.50	\$ 6,247.50	\$ 100.00	\$ 5,100.00	\$ 170.00	\$ 8,670.00
514-01018	FABRICATION AND INSTALLATION OF STEEL SECURITY BARRIER	202	LIN FT	\$ 176.50	\$ 35,653.00	\$ 85.00	\$ 17,170.00	\$ 557.00	\$ 112,514.00
514-01019	PAINTING OF STEEL SECURITY BARRIER	202	LIN FT	\$ 26.00	\$ 5,252.00	\$ 25.00	\$ 5,050.00	\$ 69.00	\$ 13,938.00
515-00120	WATERPROOFING (MEMBRANE)(REPAIR)	253	SQ YD	\$ 20.25	\$ 5,123.25	\$ 20.00	\$ 5,060.00	\$ 12.50	\$ 3,162.50
601-03540	CONCRETE CLASS DT (DECK TOPPING)	26	CU YD	\$ 572.50	\$ 14,885.00	\$ 500.00	\$ 13,000.00	\$ 400.00	\$ 10,400.00
601-06100	CONCRETE (PATCHING)	30	CU YD	\$ 500.00	\$ 15,000.00	\$ 500.00	\$ 15,000.00	\$ 909.00	\$ 27,270.00
601-07001	CONCRETE CLASS B	37	CU YD	\$ 475.00	\$ 17,575.00	\$ 400.00	\$ 14,800.00	\$ 381.00	\$ 14,097.00
601-10100	MUD JACKING (FURNISHED)	36	CU YD	\$ 381.25	\$ 13,725.00	\$ 300.00	\$ 10,800.00	\$ 328.00	\$ 11,808.00
601-10500	SLAB JACKING (FOAM METHOD)	607	LB	\$ 11.75	\$ 7,132.25	\$ 12.00	\$ 7,284.00	\$ 7.75	\$ 4,704.25
606-00302	TYPE 3 RAILING (6' 3" POST SPA)	202	LIN FT	\$ 46.50	\$ 9,393.00	\$ 50.00	\$ 10,100.00	\$ 38.00	\$ 7,676.00
607-53160	FENCE CHAIN LINK (60 INCH)	101	LIN FT	\$ 37.00	\$ 3,737.00	\$ 40.00	\$ 4,040.00	\$ 31.00	\$ 3,131.00
608-00000	CONCRETE SIDEWALK	101	SQ YD	\$ 40.00	\$ 4,040.00	\$ 40.00	\$ 4,040.00	\$ 47.00	\$ 4,747.00
608-00010	CONCRETE CURB RAMP	26	SQ YD	\$ 116.50	\$ 3,029.00	\$ 100.00	\$ 2,600.00	\$ 118.00	\$ 3,068.00
609-21020	CURB AND GUTTER (TYPE II)	46	LIN FT	\$ 24.25	\$ 1,115.50	\$ 30.00	\$ 1,380.00	\$ 25.00	\$ 1,150.00
614-85115	IMPACT ATTENUATOR (QUADGUARD)	10	EA	\$ 11,875.00	\$ 118,750.00	\$ 11,000.00	\$ 110,000.00	\$ 13,800.00	\$ 138,000.00
630-00000	FLAGGING	506	HR	\$ 30.25	\$ 15,306.50	\$ 26.00	\$ 13,156.00	\$ 35.80	\$ 18,114.80
630-00002	TRAFFIC CONTROL SUPERVISOR	41	DAY	\$ 405.00	\$ 16,605.00	\$ 500.00	\$ 20,500.00	\$ 738.00	\$ 30,258.00
630-80336	BARRICADE (3 M-B) (TEMPORARY)	16	PER EACH	\$ 25.00	\$ 400.00	\$ 15.00	\$ 240.00	\$ 8.60	\$ 137.60
630-80341	CONST. TRAFFIC SIGN (PANEL SIZE A)	51	PER EACH	\$ 15.00	\$ 765.00	\$ 10.00	\$ 510.00	\$ 1.80	\$ 91.80
630-80342	CONST. TRAFFIC SIGN (PANEL SIZE B)	126	PER EACH	\$ 16.00	\$ 2,016.00	\$ 15.00	\$ 1,890.00	\$ 2.60	\$ 327.60
630-80343	ADVANCED WARNING FLASHING OR SEQUENCING ARROW PANEL (C TYPE)	25	PER EACH	\$ 65.00	\$ 1,625.00	\$ 50.00	\$ 1,250.00	\$ 74.00	\$ 1,850.00
630-80354	VERTICAL PANEL (WITH LIGHT) (STEADY BURN)	66	PER EACH	\$ 17.25	\$ 1,138.50	\$ 7.00	\$ 462.00	\$ 2.00	\$ 132.00
630-80355	PORTABLE MESSAGE SIGN PANEL	6	PER EACH	\$ 241.25	\$ 1,447.50	\$ 200.00	\$ 1,200.00	\$ 397.00	\$ 2,382.00
630-80364	DRUM CHANNEL DEVICE(WITH LIGHT)(STEADY BURN)	132	PER EACH	\$ 31.13	\$ 4,109.16	\$ 10.00	\$ 1,320.00	\$ 2.00	\$ 264.00
630-80370	CONCRETE BARRIER (TEMPORARY)	10	EA	\$ 275.00	\$ 2,750.00	\$ 200.00	\$ 2,000.00	\$ 363.00	\$ 3,630.00
630-80372	CONCRETE BARRIER (TAPERED END SECTION)(12 FOOT)	6	EA	\$ 322.25	\$ 1,933.50	\$ 200.00	\$ 1,200.00	\$ 363.00	\$ 2,178.00
630-80375	CONCRETE BARRIER (TEMPORARY)(INSTALL ONLY)	11	EA	\$ 137.50	\$ 1,512.50	\$ 150.00	\$ 1,650.00	\$ 153.00	\$ 1,683.00
630-80380	TRAFFIC CONE	658	PER EACH	\$ 3.00	\$ 1,974.00	\$ 1.00	\$ 658.00	\$ 1.15	\$ 756.70
700-70052	MANLIFT	18	DAY	\$ 425.00	\$ 7,650.00	\$ 400.00	\$ 7,200.00	\$ 441.00	\$ 7,938.00

TOTAL: \$ 440,541.89 \$ 390,800.00 \$ 634,639.25