

TRAFFIC SIGNAL SYSTEM PROJECT - TSSIP 2 CHEESMAN SIGNALS

Federal Aid Project No. AQC C010-089
 CDOT Subaccount No. SA16787

SUMMARY OF APPROXIMATE TRAFFIC SIGNAL QUANTITIES AND
 OPINION OF PROBABLE CONSTRUCTION COSTS
 February 2009

Item No.	Item Description	Units	Bid Quantity	Unit Cost	Colorado Borning Company		DKS Enterprises, Inc		POWER Engineers, Inc.		Advance Cable Solutions LLC		Sturgeon Electric Co.Inc.	
					Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid	Unit Bid	Total Bid
202-00848	REMOVAL OF TRAFFIC SIGNAL CONTROLLER AND CABINET	EACH	46	\$ 250.00	60.00	2,760.00	\$ 350.00	\$ 16,100.00	\$ 220.50	\$ 10,143.00	\$ 151.20	\$ 6,955.20	\$ 450.00	\$ 20,700.00
202-99999	REMOVAL OF TRAFFIC SIGNAL CABINET BASE	EACH	46	\$ 475.00	300.00	13,800.00	\$ 550.00	\$ 25,300.00	\$ 454.40	\$ 20,902.40	\$ 186.30	\$ 8,569.80	\$ 725.00	\$ 33,350.00
203-01597	POTHOLING	EACH	415	\$ 120.00	100.00	41,500.00	\$ 150.00	\$ 62,250.00	\$ 100.00	\$ 41,500.00	\$ 141.75	\$ 58,826.25	\$ 135.00	\$ 56,025.00
208-00005	EROSION LOG	LF	50	\$ 5.00	4.00	200.00	\$ 5.00	\$ 250.00	\$ 6.04	\$ 302.00	\$ 6.21	\$ 310.50	\$ 9.30	\$ 465.00
208-00018	GRAVEL BAG	LF	50	\$ 20.00	3.00	150.00	\$ 3.00	\$ 150.00	\$ 9.49	\$ 474.50	\$ 12.42	\$ 621.00	\$ 9.80	\$ 490.00
208-00045	CONCRETE WASHOUT STRUCTURE	EACH	1	\$ 1,200.00	400.00	400.00	\$ 250.00	\$ 250.00	\$ 862.50	\$ 862.50	\$ 3,726.00	\$ 3,726.00	\$ 725.00	\$ 725.00
208-00050	STORM DRAIN INLET PROTECTION	EACH	79	\$ 75.00	26.00	2,054.00	\$ 100.00	\$ 7,900.00	\$ 125.35	\$ 9,902.65	\$ 180.09	\$ 14,227.11	\$ 215.00	\$ 16,985.00
208-00205	EROSION CONTROL SUPERVISOR	HOURL	90	\$ 80.00	60.00	5,400.00	\$ 60.00	\$ 5,400.00	\$ 86.75	\$ 7,807.50	\$ 68.31	\$ 6,147.90	\$ 54.00	\$ 4,860.00
607-11525	FENCE (PLASTIC)	LF	50	\$ 6.00	4.00	200.00	\$ 4.50	\$ 225.00	\$ 2.59	\$ 129.50	\$ 1.92	\$ 96.00	\$ 5.00	\$ 250.00
608-00000	CONCRETE SIDEWALK	SY	192	\$ 140.00	61.00	11,712.00	\$ 60.00	\$ 11,520.00	\$ 147.78	\$ 28,373.76	\$ 95.01	\$ 18,241.92	\$ 65.00	\$ 12,480.00
613-00201	2 INCH ELECTRICAL CONDUIT (BORED)	LF	385	\$ 9.00	6.00	2,310.00	\$ 7.00	\$ 2,695.00	\$ 7.49	\$ 2,883.65	\$ 10.50	\$ 4,042.50	\$ 14.50	\$ 5,582.50
613-00301	3 INCH ELECTRICAL CONDUIT (BORED)	LF	20550	\$ 11.00	6.25	128,437.50	\$ 8.50	\$ 174,675.00	\$ 7.29	\$ 149,809.50	\$ 10.35	\$ 212,692.50	\$ 11.00	\$ 226,050.00
613-01200	2 INCH ELECTRICAL CONDUIT (PLASTIC)	LF	1005	\$ 12.00	9.00	9,045.00	\$ 6.50	\$ 6,532.50	\$ 9.27	\$ 9,316.35	\$ 3.73	\$ 3,748.65	\$ 10.50	\$ 10,552.50
613-01300	3 INCH ELECTRICAL CONDUIT (PLASTIC)	LF	1545	\$ 14.00	9.00	13,905.00	\$ 7.00	\$ 10,815.00	\$ 11.07	\$ 17,103.15	\$ 4.35	\$ 6,720.75	\$ 12.00	\$ 18,540.00
613-07000	PULL BOX (SPECIAL)	EACH	66	\$ 600.00	425.00	28,050.00	\$ 510.00	\$ 33,660.00	\$ 510.25	\$ 33,676.50	\$ 310.50	\$ 20,493.00	\$ 630.00	\$ 41,580.00
613-07101	PULL BOX (TYPE A)	EACH	50	\$ 600.00	300.00	15,000.00	\$ 570.00	\$ 28,500.00	\$ 385.64	\$ 19,282.00	\$ 310.50	\$ 15,525.00	\$ 390.00	\$ 19,500.00
613-07104	PULL BOX (TRAFFIC)	EACH	69	\$ 600.00	425.00	29,325.00	\$ 540.00	\$ 37,260.00	\$ 510.75	\$ 35,241.75	\$ 310.50	\$ 21,424.50	\$ 630.00	\$ 43,470.00
614-03101	TRAFFIC SIGNAL CABINET BASE (CONCRETE)	EACH	46	\$ 800.00	800.00	36,800.00	\$ 175.00	\$ 8,050.00	\$ 703.00	\$ 32,338.00	\$ 652.05	\$ 29,994.30	\$ 2,765.00	\$ 127,190.00
614-72860	PEDESTRIAN PUSH BUTTON	EACH	1	\$ 250.00	250.00	250.00	\$ 200.00	\$ 200.00	\$ 281.70	\$ 281.70	\$ 124.20	\$ 124.20	\$ 380.00	\$ 380.00
614-75848	TRAFFIC SIGNAL CONTROLLER AND CABINET (INSTALL ONLY)	EACH	46	\$ 1,050.00	240.00	11,040.00	\$ 1,000.00	\$ 46,000.00	\$ 909.60	\$ 41,841.60	\$ 869.40	\$ 39,992.40	\$ 2,800.00	\$ 128,800.00
614-86002	SPREAD SPECTRUM RADIO (INSTALL ONLY)	EACH	6	\$ 850.00	560.00	3,360.00	\$ 500.00	\$ 3,000.00	\$ 616.75	\$ 3,700.50	\$ 324.00	\$ 1,944.00	\$ 1,150.00	\$ 6,900.00
614-86105	TELEMETRY (FIELD)	EACH	45	\$ 1,300.00	200.00	9,000.00	\$ 980.00	\$ 44,100.00	\$ 759.00	\$ 34,155.00	\$ 771.60	\$ 34,722.00	\$ 1,800.00	\$ 81,000.00
614-87414	FIBER OPTIC CABLE (DENVER HYBRID 12 STRAND)	LF	15050	\$ 3.00	1.94	29,197.00	\$ 1.30	\$ 19,565.00	\$ 0.81	\$ 12,190.50	\$ 2.96	\$ 44,548.00	\$ 2.30	\$ 34,615.00
614-87474	FIBER OPTIC CABLE (DENVER HYBRID 72 STRAND)	LF	13100	\$ 4.00	2.60	34,060.00	\$ 1.85	\$ 24,235.00	\$ 1.50	\$ 19,650.00	\$ 4.55	\$ 59,605.00	\$ 3.25	\$ 42,575.00
626-00000	MOBILIZATION	LS	1	\$ 15,000.00	21,000.00	21,000.00	\$ 10,000.00	\$ 10,000.00	\$ 65,985.00	\$ 65,985.00	\$ 5,832.00	\$ 5,832.00	\$ 30,000.00	\$ 30,000.00
630-00012	TRAFFIC CONTROL MANAGEMENT	DAY	130	\$ 450.00	475.00	61,750.00	\$ 420.00	\$ 54,600.00	\$ 460.00	\$ 59,800.00	\$ 421.63	\$ 54,811.90	\$ 440.00	\$ 57,200.00
630-00003	UNIFORMED TRAFFIC CONTROL	HOURL	120	\$ 75.00	25.00	3,000.00	\$ 82.00	\$ 9,840.00	\$ 74.75	\$ 8,970.00	\$ 48.60	\$ 5,832.00	\$ 78.00	\$ 9,360.00
630-80341	CONSTRUCTION TRAFFIC SIGN (PANEL SIZE A)	EACH	8	\$ 50.00	115.00	920.00	\$ 50.00	\$ 400.00	\$ 11.50	\$ 92.00	\$ 239.76	\$ 1,918.08	\$ 47.00	\$ 376.00
630-80342	CONSTRUCTION TRAFFIC SIGN (PANEL SIZE B)	EACH	8	\$ 75.00	130.00	1,040.00	\$ 66.00	\$ 528.00	\$ 11.50	\$ 92.00	\$ 239.76	\$ 1,918.08	\$ 63.00	\$ 504.00
630-80344	CONSTRUCTION TRAFFIC SIGN (SPECIAL)	SF	50	\$ 18.00	30.00	1,500.00	\$ 16.50	\$ 825.00	\$ 20.73	\$ 1,036.50	\$ 11.77	\$ 588.50	\$ 15.00	\$ 750.00
630-80358	ADVANCE WARNING FLASHING OR SEQ ARROW PANEL (C TYPE)	EACH	2	\$ 1,350.00	2,900.00	5,800.00	\$ 1,325.00	\$ 2,650.00	\$ 575.00	\$ 1,150.00	\$ 2,442.96	\$ 4,885.92	\$ 1,235.00	\$ 2,470.00
630-80380	TRAFFIC CONE	EACH	200	\$ 10.00	2.50	500.00	\$ 11.00	\$ 2,200.00	\$ 11.50	\$ 2,300.00	\$ 3.69	\$ 738.00	\$ 10.50	\$ 2,100.00
700-70010	F/A MINOR CONTRACT REVISIONS	FA	1	\$ 20,000.00	20,000.00	20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
700-70011	F/A PARTNERING	FA	1	\$ 2,000.00	2,000.00	2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
700-70022	F/A OJT COLORADO TRAINING PROGRAM	FA	1	\$ 525.00	525.00	525.00	\$ 525.00	\$ 525.00	\$ 525.00	\$ 525.00	\$ 525.00	\$ 525.00	\$ 525.00	\$ 525.00
700-70028	F/A ESB PROGRAM	FA	1	\$ 7,500.00	7,500.00	7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00
700-70170	F/A UTILITY LOCATE (CAMERA)	FA	1	\$ 7,000.00	7,000.00	7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00	\$ 7,000.00
700-70380	F/A EROSION CONTROL	FA	1	\$ 2,000.00	2,000.00	2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
CONSTRUCTION TOTAL						562,490.50		688,700.50		\$ 710,318.51		728,847.96		1,074,850.00
											Bid opening dif		728,811.60 -36.36	