

ESTIMATE SUMMARY

CONTID: C20771

ESTIMATE NO: 0011 PROG

SPEC YR: 2005

PCN: 20771-BID

COFRS REPORTING CATEGORY: 0

FACS REF NO:

CONTRACT DESCRIPTION:

TIME CHARGED: 191.5 DAYS

TIME ALLOW:

210 WORK DAYS

Denver Area Ethernet Upgrade

PERCENT TIME: 91.19

ORIG TIME ALLOW:

210 WORK DAYS

PROJECT NO:

ITSR100-238

Denver Area Ethernet Upgrade

NAME OF ROAD:

PROJECT COUNTIES:

STATEWIDE

CONTRACTOR:

STURGEON ELECTRIC COMPANY, INC.

PAY PERIOD ENDING

01/31/2018

DATE TIME STARTED

01/17/2017

12150 E. 112TH AVE.

DATE LET

10/20/2016

DATE WORK BEGAN

01/17/2017

DATE AWARDED

10/27/2016

DATE TIME STOPPED

DATE CONTRACT EXECUTED

11/21/2016

DATE ACCEPTED

HENDERSON

CO 80640

(303)286-8000

DATE NOTICE TO PROCEED

01/17/2017

CURRENT TOTAL

THIS ESTIMATE

CURRENT PROJECT AMT:	\$ 3,070,194.80	PARTICIPATING	\$ 2,301,322.34	\$ 288,006.14
AWARD PROJECT AMT:	\$ 2,569,548.50	NON-PARTICIPATING	0.00	0.00
PERCENT COMPLETE:	74.96%	TOTAL EARNINGS	2,301,322.34	288,006.14
FUNDS AVAILABLE:	\$ 768,872.46	STOCKPILED MATERIALS	64,138.93	-45,049.61
		GROSS EARNINGS	2,365,461.27	242,956.53
TOTAL CLAIMS:	\$ 0.00	RETAINAGE	-38,543.23	0.00
		SECURITIES ENCUMBERED	0.00	0.00
		NET EARNINGS	2,326,918.04	242,956.53
		LIQUIDATED DAMAGES	0.00	0.00
		AUTOPAY ADJUSTMENT	0.00	0.00
		AMOUNT DUE	2,326,918.04	242,956.53
		OTHER ADJUSTMENTS	0.00	0.00

PAYMENT DUE

\$

242,956.53

APPROVED FOR PAYMENT BY _____

PROJECT COMMENT:

ESTIMATE COMMENT:

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITSR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 2
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT

CAT NO0200 ROADWAY						
0005	202-00050	Removal of ITS Node Equipment	2.000	0.000		
			L S	0.000	0.00	
			25,625.00000	0.000		0.00
0010	202-00715	Removal of Closed Circuit Television Pole	4.000	1.000		
			EACH	0.000	0.00	
			1,490.00000	1.000		1,490.00
0015	202-00720	Removal of Closed Circuit Camera	32.000	12.000		
			EACH	6.000	1,890.00	
			315.00000	18.000		5,670.00
0020	202-00827	Removal of Pull Box	25.000	23.000		
			EACH	0.000	0.00	
			160.00000	23.000		3,680.00
0025	203-01549	Pump	24.000	24.000		
			HOUR	0.000	0.00	
			315.00000	24.000		7,560.00
0030	203-01597	*Potholing	200.000	10.000		
			HOUR	5.000	1,275.00	
			255.00000	15.000		3,825.00
0035	208-00008	*Erosion Log Type 2 (12 Inch)	300.000	270.000		
			LF	0.000	0.00	
			30.00000	270.000		8,100.00
0040	208-00035	*Aggregate Bag	200.000	184.000		
			LF	0.000	0.00	
			30.00000	184.000		5,520.00
0045	208-00045	Concrete Washout Structure	2.000	1.000		
			EACH	0.000	0.00	
			545.00000	1.000		545.00
0050	208-00051	*Storm Drain Inlet Protection (Type I)	50.000	0.000		
			LF	0.000	0.00	
			47.00000	0.000		0.00
0055	208-00103	*Removal and Disposal of Sediment (Labor)	50.000	0.000		
			HOUR	0.000	0.00	
			50.00000	0.000		0.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITRSR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 3
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0060	208-00105	*Removal and Disposal of Sediment (Equipment)	50.000	0.000		
			HOOR	0.000	0.00	
			90.00000	0.000		0.00
0065	208-00106	Sweeping (Sediment Removal)	60.000	0.000		
			HOOR	0.000	0.00	
			315.00000	0.000		0.00
0070	208-00207	*Erosion Control Management	5.000	2.000		
			DAY	0.000	0.00	
			465.00000	2.000		930.00
0075	210-00476	Reset Microwave Vehicle Radar Detector (MVRD)	1.000	0.000		
			EACH	0.000	0.00	
			1,125.00000	0.000		0.00
0080	210-00477	Reset Weather Station	1.000	0.000		
			EACH	0.000	0.00	
			5,525.00000	0.000		0.00
0085	210-00815	Reset Sign Panel	1.000	1.000		
			EACH	0.000	0.00	
			3,760.00000	1.000		3,760.00
0090	210-00847	Reset Travel Time Indicator	1.000	0.000		
			EACH	1.000	1,125.00	
			1,125.00000	1.000		1,125.00
0095	212-00006	*Seeding (Native)	0.900	0.000		
			ACRE	0.000	0.00	
			2,155.00000	0.000		0.00
0100	212-00032	*Soil Conditioning	0.900	0.000		
			ACRE	0.000	0.00	
			5,265.00000	0.000		0.00
0105	213-00003	*Mulching (Weed Free)	0.900	0.000		
			ACRE	0.000	0.00	
			7,025.00000	0.000		0.00
0110	503-00036	*Drilled Caisson (36 Inch)	126.000	126.000		
			LF	0.000	0.00	
			485.00000	126.000		61,110.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITRSR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 4
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0115	503-00042	*Drilled Caisson (42 Inch)	21.000	21.000		
			LF	0.000	0.00	
			515.00000	21.000		10,815.00
0120	604-39000	Manhole Special	11.000	11.000		
			EACH	0.000	0.00	
			5,655.00000	11.000		62,205.00
0125	612-00260	Location Marker (Fiber Optic)(Dome)	25.000	25.000		
			EACH	0.000	0.00	
			105.00000	25.000		2,625.00
0130	612-00270	Location Marker (Utility)(Flat Slat)	16.000	15.000		
			EACH	0.000	0.00	
			60.00000	15.000		900.00
0135	613-00206	*2 Inch Electrical Conduit (Bored)	3,292.000	3,292.000		
			LF	0.000	0.00	
			18.00000	3,292.000		59,256.00
0140	613-01200	2 Inch Electrical Conduit (Plastic)	2,251.000	2,251.000		
			LF	0.000	0.00	
			9.00000	2,251.000		20,259.00
0145	613-04100	Electrical System Modifications	1.000	0.000		
			L S	1.000	40,200.00	
			40,200.00000	1.000		40,200.00
0150	613-07000	Pull Box (Special)	13.000	13.000		
			EACH	0.000	0.00	
			4,155.00000	13.000		54,015.00
0155	613-07023	Pull Box (24"x36"x24")	18.000	18.000		
			EACH	0.000	0.00	
			2,105.00000	18.000		37,890.00
0160	613-07040	Pull Box (30"x48"x24")	1.000	1.000		
			EACH	0.000	0.00	
			2,660.00000	1.000		2,660.00
0165	613-07195	Proof Conduit	1,570.000	1,570.000		
			LF	0.000	0.00	
			3.00000	1,570.000		4,710.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITS100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 5
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0170	613-10000	Wiring	1.000	0.500		
			L S	0.000	0.00	
			27,555.00000	0.500		13,777.50
0175	613-80130	Service Meter Cabinet	9.000	9.000		
			EACH	0.000	0.00	
			5,310.00000	9.000		47,790.00
0180	614-10116	Dynamic Message Sign Controller	1.000	1.000		
			EACH	0.000	0.00	
			24,895.00000	1.000		24,895.00
0185	614-10147	Variable Message Sign LED (Overhead)	1.000	1.000		
			EACH	0.000	0.00	
			85,785.00000	1.000		85,785.00
0185		MATERIAL ALLOWANCE VMS LED (Overhead)		0.000		
			EACH	0.000	0.00	
			78,630.00000	0.000		0.00
0190	614-70024	*1310nm SFP Optic Module	79.000	49.000		
			EACH	0.000	0.00	
			300.00000	49.000		14,700.00
0190		MATERIAL ALLOWANCE 1310nm SFP Optic Module		18.000		
			EACH	0.000	0.00	
			253.00000	18.000		4,554.00
0195	614-70026	*CWDM Multiplexor Demultiplexor Module	11.000	11.000		
			EACH	0.000	0.00	
			9,430.00000	11.000		103,730.00
0195		MATERIAL ALLOWANCE CDWM Multiplexor Demultiplexor Module		0.000		
			EACH	0.000	0.00	
			8,499.00000	0.000		0.00
0200	614-70028	*CWDM SFP Optic Module	98.000	98.000		
			EACH	0.000	0.00	
			1,040.00000	98.000		101,920.00
0200		MATERIAL ALLOWANCE CWDM SFP Optic Module		0.000		
			EACH	0.000	0.00	
			874.00000	0.000		0.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITS100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 6
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0205	614-70030	*Optical Attenuator	177.000	12.000		
			EACH	0.000	0.00	
			95.00000	12.000		1,140.00
0210	614-70032	*Optical Filter	168.000	168.000		
			EACH	0.000	0.00	
			465.00000	168.000		78,120.00
0215	614-72832	Communications Cabinet (Type 2)	7.000	6.000		
			EACH	1.000	10,920.00	
			10,920.00000	7.000		76,440.00
0220	614-86007	Serial to IP Converter (For MVRD)	13.000	13.000		
			EACH	0.000	0.00	
			1,005.00000	13.000		13,065.00
0225	614-87006	*Fiber Optic Termination Panel (6 Fiber)	11.000	11.000		
			EACH	0.000	0.00	
			400.00000	11.000		4,400.00
0230	614-87010	*Fiber Optic Cable (Single Mode) (12 Fiber)	29,094.000	29,094.000		
			LF	0.000	0.00	
			2.20000	29,094.000		64,006.80
0235	614-87015	*Buffer Tube Fan Out Kit	44.000	41.000		
			EACH	3.000	8,820.00	
			2,940.00000	44.000		129,360.00
0240	614-87024	*Fiber Optic Termination Panel (24 Fiber)	30.000	27.000		
			EACH	3.000	2,340.00	
			780.00000	30.000		23,400.00
0245	614-87096	*Fiber Optic Termination Panel (96 Fiber)	3.000	0.000		
			EACH	0.000	0.00	
			13,665.00000	0.000		0.00
0250	614-87310	Traffic Management System Building Equipment	1.000	0.600		
			L S	0.400	112,378.00	
			280,945.00000	1.000		280,945.00
0250		MATERIAL ALLOWANCE 2200VA UPS		0.400		
			EACH	-0.400	-995.04	
			2,487.60000	0.000		0.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITSR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

ESTIMATE RUN

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0250		MATERIAL ALLOWANCE 8000VA UPS		1.400		
			EACH	-0.400	-2,681.30	
			6,703.24000	1.000		6,703.24
0250		MATERIAL ALLOWANCE 10KVA UPS		0.400		
			EACH	-0.400	-2,400.00	
			6,000.00000	0.000		0.00
0255	614-87320	Closed Circuit Television	33.000	17.000		
			EACH	7.000	34,090.00	
			4,870.00000	24.000		116,880.00
0255		MATERIAL ALLOWANCE CCTV Cameras: Axis		0.000		
			EACH	0.000	0.00	
			3,388.41000	0.000		0.00
0255		MATERIAL ALLOWANCE CCTV Cameras: Axis		16.000		
			EACH	-7.000	-23,718.87	
			3,388.41000	9.000		30,495.69
0255		MATERIAL ALLOWANCE CCTV Cameras: Axis		0.000		
			EACH	0.000	0.00	
			3,388.41000	0.000		0.00
0255		MATERIAL ALLOWANCE CCTV Cameras: Axis		0.000		
			EACH	0.000	0.00	
			3,388.41000	0.000		0.00
0260	614-87350	*Test Fiber Optic Cable	1.000	0.000		
			L S	0.000	0.00	
			41,885.00000	0.000		0.00
0265	614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet	7.000	7.000		
			EACH	0.000	0.00	
			23,045.00000	7.000		161,315.00
0265		MATERIAL ALLOWANCE 50' CCTV Lowering pole		0.000		
			EACH	0.000	0.00	
			17,552.50000	0.000		0.00
0265		MATERIAL ALLOWANCE 50' CCTV Lowering pole		0.000		
			EACH	0.000	0.00	
			17,552.50000	0.000		0.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITSR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE RUN

ESTIMATE NO: 0011

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0265		MATERIAL ALLOWANCE 50' CCTV lowering pole		0.000		
			EACH	0.000	0.00	
			17,552.50000	0.000		0.00
0270	614-87366	Closed Circuit Television Pole with Lowering Device (60 Feet	1.000	1.000		
			EACH	0.000	0.00	
			23,200.00000	1.000		23,200.00
0270		MATERIAL ALLOWANCE 60' CCTV Lowering Pole		0.000		
			EACH	0.000	0.00	
			17,552.50000	0.000		0.00
0275	614-87691	*Ethernet Switch Type I (3931)	12.000	5.000		
			EACH	0.000	0.00	
			4,445.00000	5.000		22,225.00
0275		MATERIAL ALLOWANCE Ethernet Switch Type I(3931)		4.200		
			EACH	0.000	0.00	
			3,968.00000	4.200		16,665.60
0280	614-87692	*Ethernet Switch Type II (3930)	39.000	26.000		
			EACH	8.000	28,600.00	
			3,575.00000	34.000		121,550.00
0280		MATERIAL ALLOWANCE Ethernet Switch Type II(3930)		6.600		
			EACH	-4.800	-15,254.40	
			3,178.00000	1.800		5,720.40
0285	614-87693	*Ethernet Switch Type III (3916)	9.000	9.000		
			EACH	0.000	0.00	
			4,735.00000	9.000		42,615.00
0285		MATERIAL ALLOWANCE Ethernet Switch Type III(3916)		0.000		
			EACH	0.000	0.00	
			4,236.00000	0.000		0.00
0290	614-87695	*Ethernet Switch Type IV (Install Only) (3902)	2.000	0.000		
			EACH	0.000	0.00	
			275.00000	0.000		0.00
0295	614-87702	Ethernet Radio (Pair)	3.000	1.000		
			EACH	1.000	12,950.00	
			12,950.00000	2.000		25,900.00

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITS100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 9
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0200 ROADWAY						
0300	626-00000	*Mobilization	1.000	1.000		
			L S	0.000	0.00	
			129,000.00000	1.000		129,000.00
0305	630-00000	*Flagging	60.000	12.500		
			HOURLY	4.000	108.00	
			27.00000	16.500		445.50
0310	630-00007	*Traffic Control Inspection	10.000	0.000		
			DAY	0.000	0.00	
			200.00000	0.000		0.00
0315	630-00012	*Traffic Control Management	100.000	85.000		
			DAY	3.000	3,330.00	
			1,110.00000	88.000		97,680.00
0320	630-80335	*Barricade (Type 3 M-A) (Temporary)	6.000	0.000		
			EACH	0.000	0.00	
			50.00000	0.000		0.00
0325	630-80341	*Construction Traffic Sign (Panel Size A)	16.000	0.000		
			EACH	0.000	0.00	
			50.00000	0.000		0.00
0330	630-80342	*Construction Traffic Sign (Panel Size B)	52.000	9.900		
			EACH	0.000	0.00	
			60.00000	9.900		594.00
0335	630-80343	*Construction Traffic Sign (Panel Size C)	16.000	13.500		
			EACH	0.000	0.00	
			55.00000	13.500		742.50
0340	630-80350	*Vertical Panel	58.000	52.200		
			EACH	0.000	0.00	
			35.00000	52.200		1,827.00
0345	630-80355	*Portable Message Sign Panel	2.000	1.800		
			EACH	0.000	0.00	
			4,675.00000	1.800		8,415.00
0350	630-80358	*Advance Warning Flashing or Sequencing Arrow Panel (C Type)	3.500	2.700		
			EACH	0.000	0.00	
			1,225.00000	2.700		3,307.50

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITRSR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE NO: 0011

Page 10
 ESTIMATE RUN 02/05/2018
 12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT	
CAT NO0200 ROADWAY							
0355	630-80360	*Drum Channelizing Device	60.000	0.000			
			EACH	0.000	0.00		
			40.00000	0.000		0.00	
0360	630-80380	*Traffic Cone	200.000	108.000			
			EACH	0.000	0.00		
			6.00000	108.000		648.00	
0365	630-85041	*Mobile Attenuator	57.000	54.000			
			DAY	3.000	2,100.00		
			700.00000	57.000		39,900.00	
0370	700-70010	F/A Minor Contract Revisions	250,000.000	0.000			
			F A	0.000	0.00		
			1.00000	0.000		0.00	
0375	700-70011	F/A Partnering	100.000	0.000			
			F A	0.000	0.00		
			1.00000	0.000		0.00	
0380	700-70016	F/A Fuel Cost Adjustment	100.000	0.000			
			F A	0.000	0.00		
			1.00000	0.000		0.00	
0385	700-70230	F/A Communication Lines	70,000.000	10,103.400			
			F A	19,094.770	19,094.77		
			1.00000	29,198.170		29,198.17	
0390	700-70380	F/A Erosion Control	5,000.000	0.000			
			F A	0.000	0.00		
			1.00000	0.000		0.00	
0395	700-70035	F/A F/A Refurbish Generator	15,000.000	0.000			
			F A	8,785.370	8,785.37		
			1.00000	8,785.370		8,785.37	
0400	700-70034	F/A F/A FURNISH & INTSTALL ELECTRICAL SERVICE	50,000.000	0.000			
			F A	0.000	0.00		
			1.00000	0.000		0.00	
			CAT 0200	CURRENT AMT	\$ 3,060,654.80	\$ 242,956.53	\$ 2,360,691.27

CONTID: C20771
 PCN: 20771-BID
 PROJECT: ITR100-238

COLORADO DEPARTMENT OF TRANSPORTATION

ESTIMATE RUN 02/05/2018

ESTIMATE NO: 0011

12:09:35

REF NO.	ITEM NO.	ITEM DESCRIPTION	CURRENT QUANTITY/ UNITS UNIT PRICE	PREV QTY/ QTY THIS PERIOD QTY TO DATE	AMOUNT THIS PERIOD	CUMULATIVE AMOUNT
CAT NO0400 CONSTRUCTION ENGINEERING BID ITEMS						
0405	620-00020	Sanitary Facility	2.000	1.000		
			EACH	0.000	0.00	
			4,770.00000	1.000		4,770.00
			CAT 0400	CURRENT AMT	\$ 9,540.00	\$ 0.00
			PROJECT TOTAL	CURRENT AMT	\$ 3,070,194.80	\$ 242,956.53
						\$ 2,365,461.27