

ESTIMATE SUMMARY

 CONTID: C20771 ESTIMATE NO: 0010 PROG SPEC YR: 2005
 PCN: 20771-BID COFRS REPORTING CATEGORY: 0 FACS REF NO:

CONTRACT DESCRIPTION: TIME CHARGED: 176.0 DAYS TIME ALLOW: 210 WORK DAYS
 Denver Area Ethernet Upgrade PERCENT TIME: 83.81 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 12/22/2017 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: \$ 3,031,309.80 PARTICIPATING	\$ 2,013,316.20	\$ 382,147.20
AWARD PROJECT AMT: \$ 2,569,548.50 NON-PARTICIPATING	0.00	0.00
PERCENT COMPLETE: 66.42% TOTAL EARNINGS	2,013,316.20	382,147.20
FUNDS AVAILABLE: \$ 1,017,993.60 STOCKPILED MATERIALS	109,188.54	-87,815.72
	GROSS EARNINGS 2,122,504.74	294,331.48
TOTAL CLAIMS: \$ 0.00 RETAINAGE	-38,543.23	0.00
	SECURITIES ENCUMBERED 0.00	0.00
	NET EARNINGS 2,083,961.51	294,331.48
	LIQUIDATED DAMAGES 0.00	0.00
	AUTOPAY ADJUSTMENT 0.00	0.00
	AMOUNT DUE 2,083,961.51	294,331.48
	OTHER ADJUSTMENTS 0.00	0.00
	PAYMENT DUE	\$ 294,331.48

APPROVED FOR PAYMENT BY _____

PROJECT COMMENT:

ESTIMATE COMMENT:

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CAT NO0200 ROADWAY						
0005	202-00050	Removal of ITS Node Equipment	1.000	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	9.000		
			EACH	3.000	945.00	
			315.00000	12.000		3,780.00
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	20.000		
			HOUR	4.000	1,260.00	
			315.00000	24.000		7,560.00
0030	203-01597	*Potholing	200.000	10.000		
			HOUR	0.000	0.00	
			255.00000	10.000		2,550.00
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

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CAT NO0200 ROADWAY						
0060	208-00105	*Removal and Disposal of Sediment (Equipment)	50.000	0.000		
			HOUR	0.000	0.00	
			90.00000	0.000		0.00
0065	208-00106	Sweeping (Sediment Removal)	60.000	0.000		
			HOUR	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	0.000	0.00	
			1,125.00000	0.000		0.00
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

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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	0.000	0.00	
			40,200.00000	0.000		0.00
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

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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	7.000		
			EACH	42.000	12,600.00	
			300.00000	49.000		14,700.00
0190		MATERIAL ALLOWANCE 1310nm SFP Optic Module		43.200		
			EACH	-25.200	-6,375.60	
			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	13.000		
			EACH	85.000	88,400.00	
			1,040.00000	98.000		101,920.00
0200		MATERIAL ALLOWANCE CWDM SFP Optic Module		51.000		
			EACH	-51.000	-44,574.00	
			874.00000	0.000		0.00

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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	116.000		
			EACH	52.000	24,180.00	
			465.00000	168.000		78,120.00
0215	614-72832	Communications Cabinet (Type 2)	7.000	6.000		
			EACH	0.000	0.00	
			10,920.00000	6.000		65,520.00
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	27,700.000		
			LF	1,394.000	3,066.80	
			2.20000	29,094.000		64,006.80
0235	614-87015	*Buffer Tube Fan Out Kit	41.000	36.000		
			EACH	5.000	14,700.00	
			2,940.00000	41.000		120,540.00
0240	614-87024	*Fiber Optic Termination Panel (24 Fiber)	27.000	23.000		
			EACH	4.000	3,120.00	
			780.00000	27.000		21,060.00
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	0.000		
			L S	0.600	168,567.00	
			280,945.00000	0.600		168,567.00
0250		MATERIAL ALLOWANCE 2200VA UPS		1.000		
			EACH	-0.600	-1,492.56	
			2,487.60000	0.400		995.04

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CAT NO0200 ROADWAY						
0250		MATERIAL ALLOWANCE 8000VA UPS		2.000		
			EACH	-0.600	-4,021.94	
			6,703.24000	1.400		9,384.54
0250		MATERIAL ALLOWANCE 10KVA UPS		1.000		
			EACH	-0.600	-3,600.00	
			6,000.00000	0.400		2,400.00
0255	614-87320	Closed Circuit Television	33.000	15.000		
			EACH	2.000	9,740.00	
			4,870.00000	17.000		82,790.00
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		18.000		
			EACH	-2.000	-6,776.82	
			3,388.41000	16.000		54,214.56
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

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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	15.000		
			EACH	11.000	39,325.00	
			3,575.00000	26.000		92,950.00
0280		MATERIAL ALLOWANCE Ethernet Switch Type II(3930)		13.200		
			EACH	-6.600	-20,974.80	
			3,178.00000	6.600		20,974.80
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	0.000	0.00	
			12,950.00000	1.000		12,950.00

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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	0.000	0.00	
			27.00000	12.500		337.50
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	84.000		
			DAY	1.000	1,110.00	
			1,110.00000	85.000		94,350.00
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	5.500		
			EACH	4.400	264.00	
			60.00000	9.900		594.00
0335	630-80343	*Construction Traffic Sign (Panel Size C)	16.000	7.500		
			EACH	6.000	330.00	
			55.00000	13.500		742.50
0340	630-80350	*Vertical Panel	58.000	29.000		
			EACH	23.200	812.00	
			35.00000	52.200		1,827.00
0345	630-80355	*Portable Message Sign Panel	2.000	1.000		
			EACH	0.800	3,740.00	
			4,675.00000	1.800		8,415.00
0350	630-80358	*Advance Warning Flashing or Sequencing Arrow Panel (C Type)	3.500	1.500		
			EACH	1.200	1,470.00	
			1,225.00000	2.700		3,307.50

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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	60.000		
			EACH	48.000	288.00	
			6.00000	108.000		648.00
0365	630-85041	*Mobile Attenuator	54.000	53.000		
			DAY	1.000	700.00	
			700.00000	54.000		37,800.00
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	2,574.000		
			F A	7,529.400	7,529.40	
			1.00000	10,103.400		10,103.40
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	0.000	0.00	
			1.00000	0.000		0.00
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 \$ 3,021,769.80 \$ 294,331.48 \$ 2,117,734.74

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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	\$ 3,031,309.80	\$ 294,331.48
					\$ 2,122,504.74	