

Installation of Intelligent Transportation Systems on I-59 from 1.5 miles south of I-20, I-20 from 2 miles west of I-59 to I-59, I-59/I-20 to 1.3 miles northeast of US 45, & 1 mile northeast of the Weigh Station, known as Federal Aid Project No. CRP-0059-03(102) / 108158302 in Lauderdale County.					R & W Electric Co.	Powell Construction Services, Inc.	InLine, LLC
MISSISSIPPI DEPARTMENT OF TRANSPORTATION: \$3,940,829.25					\$3,682,184.40	\$4,061,546.60	\$5,792,725.30
Ref#	Item	Item Description	Item Qty	Units	1	2	3
0010	203-EX021	Borrow Excavation, AH, FME, Class B9-6	315.000	CY	84.30	40.00	289.28
0020	237-A002	Wattles, 20"	1,245.000	LF	6.00	11.00	21.70
0030	304-H001	3/4" and Down Crushed Stone Base, LVM	195.000	CY	226.00	160.00	195.27
0040	403-A001	12.5-mm, HT, Asphalt Pavement	120.000	TON	372.00	530.00	658.12
0050	403-A013	9.5-mm, HT, Asphalt Pavement	75.000	TON	379.00	730.00	911.24
0060	407-A001	Asphalt for Tack Coat	66.000	GAL	6.15	9.85	9.40
0070	606-B001	Guard Rail, Class A, Type 1	600.000	LF	44.35	57.00	54.96
0080	606-C003	Guard Rail, Cable Anchor, Type 1	3.000	EA	1,870.00	1,850.00	2,314.26
0090	606-E005	Guard Rail, Terminal End Section, Flared	3.000	EA	4,960.00	4,895.00	6,147.25
0100	620-A001	Mobilization	1.000	LS	360,000.00	170,595.00	573,747.14
0110	699-A001	Roadway Construction Stakes	1.000	LS	3,000.00	8,385.00	50,624.40
0120	907-618-A001	Maintenance of Traffic	1.000	LS	101,200.00	59,265.00	291,877.15
0130	907-630-L001	Pedestal Sign Support, Assembly No 1, Contractor Designed	1.000	LS	153,730.00	168,875.00	110,082.06
0140	907-630-L002	Pedestal Sign Support, Assembly No 2, Contractor Designed	1.000	LS	153,730.00	168,875.00	109,863.35
0150	907-630-L003	Pedestal Sign Support, Assembly No 3, Contractor Designed	1.000	LS	153,730.00	168,875.00	110,358.41
0160	907-632-C001	Modify Existing Traffic Signal Cabinet Assembly	11.000	EA	875.00	940.00	284.94
0170	907-632-D001	Solid State Traffic Actuated Controller, Type 1	1.000	EA	4,725.00	4,115.00	5,269.27
0180	907-634-B001	Traffic Signal Equipment Pole Shaft Extension, 10'	4.000	EA	2,190.00	2,315.00	3,871.74
0190	907-634-E001	Camera Pole with Foundation, 50' Pole	15.000	EA	18,105.00	25,025.00	34,533.88
0200	907-634-E004	Camera Pole with Foundation, 80' Pole	1.000	EA	64,050.00	50,525.00	70,141.91
0210	907-634-F002	Detector Pole with Foundation, 35' Pole	2.000	EA	12,000.00	21,295.00	31,386.72
0220	907-634-PP005	Traffic Signal Equipment Pole Air Ground	31.000	EA	1,490.00	3,095.00	3,831.17
0230	907-636-B036	Electric Cable, Underground in Conduit, THHN, AWG #1, 4 Conductor	1,245.000	LF	12.90	16.55	35.46
0240	907-636-B042	Electric Cable, Underground in Conduit, THHN, AWG #2, 3 Conductor	1,230.000	LF	8.75	10.20	19.46
0250	907-636-B050	Electric Cable, Underground in Conduit, THHN, AWG #4, 3 Conductor	2,690.000	LF	5.90	5.95	15.01
0260	907-636-B053	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor	7,470.000	LF	4.20	3.95	4.67

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Ref#	Item	Item Description	Item Qty	Units	1	2	3
0270	907-637-A002	Pullbox Enclosure, Type 2	52.000	EA	935.00	1,145.00	1,071.90
0280	907-637-A004	Pullbox Enclosure, Type 4	40.000	EA	1,700.00	1,830.00	1,784.81
0290	907-637-A005	Pullbox Enclosure, Type 5	29.000	EA	2,280.00	2,175.00	2,296.81
0300	907-637-B001	Pull Box Enclosure, Structure Mounted, Type 1	1.000	EA	5,335.00	1,855.00	2,702.24
0310	907-637-E002	Traffic Signal Conduit, Structural Conduit, Type 1, 2"	250.000	LF	29.15	36.85	83.38
0320	907-637-H001	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"	570.000	LF	17.10	11.70	23.75
0330	907-637-H002	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2"	6,150.000	LF	6.15	10.70	8.37
0340	907-637-I001	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2 @ 2"	24,840.000	LF	9.65	11.70	11.47
0350	907-637-I002	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2"	9,155.000	LF	8.00	10.70	9.75
0360	907-637-I003	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 3 @ 2"	265.000	LF	10.65	12.60	17.30
0370	907-637-K001	Traffic Signal Conduit Bank, Aerial Supported, Type 1, 2 @ 2"	2,655.000	LF	58.60	50.50	63.67
0380	907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	4.000	EA	9,880.00	9,515.00	11,189.52
0390	907-641-D001	Radar Vehicle Detection Cable	680.000	LF	3.45	3.65	4.88
0400	907-650-A002	On Street Video Equipment, Fixed Type	31.000	EA	2,970.00	7,169.00	3,806.32
0410	907-650-A003	On Street Video Equipment, PTZ Type	13.000	EA	5,290.00	5,865.00	6,022.22
0420	907-650-A004	On Street Video Equipment, PTZ Type, Signal Monitoring	12.000	EA	3,090.00	3,290.00	3,446.17
0430	907-656-A002	Dynamic Message Sign, Type 2	3.000	EA	128,060.00	128,225.00	181,768.52
0440	907-659-A001	Traffic Management Center Modifications	1.000	LS	88,440.00	251,735.00	112,073.45
0450	907-660-A001	Equipment Cabinet, Type A	2.000	EA	3,445.00	2,385.00	28,148.41
0460	907-660-A002	Equipment Cabinet, Type B	13.000	EA	5,330.00	6,150.00	47,456.07
0470	907-660-A003	Equipment Cabinet, Type C	1.000	EA	12,200.00	12,470.00	57,838.54
0480	907-661-A004	Fiber Optic Cable, 72 SM	29,140.000	LF	2.20	3.25	5.64
0490	907-661-A006	Fiber Optic Cable, Aerial, 72 SM	2,655.000	LF	2.30	2.30	4.39
0500	907-661-B002	Fiber Optic Drop Cable, 12 SM	9,635.000	LF	2.05	2.65	8.43
0510	907-662-C001	Radio Interconnect, Signal Control Repeater	5.000	EA	20,555.00	16,225.00	22,028.14
0520	907-662-D002	Radio Interconnect, Broadband, Short Range	15.000	EA	7,510.00	6,865.00	9,001.06

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Ref#	Item	Item Description	Item Qty	Units	1	2	3
0530	907-663-A001	Network Switch, Type A	16.000	EA	1,445.00	1,330.00	1,510.93
0540	907-663-A005	Network Switch, Type E	1.000	EA	19,485.00	18,875.00	22,395.09
0550	907-663-A006	Network Switch, Type F	11.000	EA	12,035.00	11,440.00	13,620.29
0560	907-663-C002	SD-WAN Router	1.000	EA	3,640.00	3,835.00	4,275.80
0570	907-663-D001	Category 6 Cable, Installed in Conduit	6,655.000	LF	2.10	1.80	0.75
0580	907-899-A001	Railway-Highway Provisions	1.000	LS	42,070.00	9,215.00	34,424.60

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION: \$3,940,829.25					\$8,055,038.31		
Ref#	Item	Item Description	Item Qty	Units	4		
0010	203-EX021	Borrow Excavation, AH, FME, Class B9-6	315.000	CY	190.92		
0020	237-A002	Wattles, 20"	1,245.000	LF	13.72		
0030	304-H001	3/4" and Down Crushed Stone Base, LVM	195.000	CY	200.63		
0040	403-A001	12.5-mm, HT, Asphalt Pavement	120.000	TON	646.88		
0050	403-A013	9.5-mm, HT, Asphalt Pavement	75.000	TON	927.67		
0060	407-A001	Asphalt for Tack Coat	66.000	GAL	7.67		
0070	606-B001	Guard Rail, Class A, Type 1	600.000	LF	53.67		
0080	606-C003	Guard Rail, Cable Anchor, Type 1	3.000	EA	2,683.33		
0090	606-E005	Guard Rail, Terminal End Section, Flared	3.000	EA	4,983.33		
0100	620-A001	Mobilization	1.000	LS	701,955.00		
0110	699-A001	Roadway Construction Stakes	1.000	LS	82,012.00		
0120	907-618-A001	Maintenance of Traffic	1.000	LS	210,485.40		
0130	907-630-L001	Pedestal Sign Support, Assembly No 1, Contractor Designed	1.000	LS	222,775.70		
0140	907-630-L002	Pedestal Sign Support, Assembly No 2, Contractor Designed	1.000	LS	222,775.70		
0150	907-630-L003	Pedestal Sign Support, Assembly No 3, Contractor Designed	1.000	LS	222,775.70		
0160	907-632-C001	Modify Existing Traffic Signal Cabinet Assembly	11.000	EA	1,405.20		
0170	907-632-D001	Solid State Traffic Actuated Controller, Type 1	1.000	EA	4,538.00		
0180	907-634-B001	Traffic Signal Equipment Pole Shaft Extension, 10'	4.000	EA	1,277.00		
0190	907-634-E001	Camera Pole with Foundation, 50' Pole	15.000	EA	155,000.00		
0200	907-634-E004	Camera Pole with Foundation, 80' Pole	1.000	EA	195,000.00		
0210	907-634-F002	Detector Pole with Foundation, 35' Pole	2.000	EA	92,000.00		
0220	907-634-PP005	Traffic Signal Equipment Pole Air Ground	31.000	EA	1,782.00		
0230	907-636-B036	Electric Cable, Underground in Conduit, THHN, AWG #1, 4 Conductor	1,245.000	LF	18.75		
0240	907-636-B042	Electric Cable, Underground in Conduit, THHN, AWG #2, 3 Conductor	1,230.000	LF	14.50		
0250	907-636-B050	Electric Cable, Underground in Conduit, THHN, AWG #4, 3 Conductor	2,690.000	LF	11.23		
0260	907-636-B053	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor	7,470.000	LF	9.76		

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Ref#	Item	Item Description	Item Qty	Units	4		
0270	907-637-A002	Pullbox Enclosure, Type 2	52.000	EA	2,280.00		
0280	907-637-A004	Pullbox Enclosure, Type 4	40.000	EA	2,766.00		
0290	907-637-A005	Pullbox Enclosure, Type 5	29.000	EA	3,236.10		
0300	907-637-B001	Pull Box Enclosure, Structure Mounted, Type 1	1.000	EA	1,271.37		
0310	907-637-E002	Traffic Signal Conduit, Structural Conduit, Type 1, 2"	250.000	LF	43.87		
0320	907-637-H001	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"	570.000	LF	38.43		
0330	907-637-H002	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2"	6,150.000	LF	21.25		
0340	907-637-I001	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2 @ 2"	24,840.000	LF	16.99		
0350	907-637-I002	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 2"	9,155.000	LF	16.36		
0360	907-637-I003	Traffic Signal Conduit Bank, Underground, Drilled or Jacked, Rolled Pipe, 3 @ 2"	265.000	LF	30.37		
0370	907-637-K001	Traffic Signal Conduit Bank, Aerial Supported, Type 1, 2 @ 2"	2,655.000	LF	98.71		
0380	907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	4.000	EA	13,900.00		
0390	907-641-D001	Radar Vehicle Detection Cable	680.000	LF	10.79		
0400	907-650-A002	On Street Video Equipment, Fixed Type	31.000	EA	5,288.00		
0410	907-650-A003	On Street Video Equipment, PTZ Type	13.000	EA	7,472.00		
0420	907-650-A004	On Street Video Equipment, PTZ Type, Signal Monitoring	12.000	EA	2,240.00		
0430	907-656-A002	Dynamic Message Sign, Type 2	3.000	EA	151,000.00		
0440	907-659-A001	Traffic Management Center Modifications	1.000	LS	91,509.78		
0450	907-660-A001	Equipment Cabinet, Type A	2.000	EA	4,489.13		
0460	907-660-A002	Equipment Cabinet, Type B	13.000	EA	16,750.00		
0470	907-660-A003	Equipment Cabinet, Type C	1.000	EA	23,735.00		
0480	907-661-A004	Fiber Optic Cable, 72 SM	29,140.000	LF	4.61		
0490	907-661-A006	Fiber Optic Cable, Aerial, 72 SM	2,655.000	LF	11.76		
0500	907-661-B002	Fiber Optic Drop Cable, 12 SM	9,635.000	LF	5.14		
0510	907-662-C001	Radio Interconnect, Signal Control Repeater	5.000	EA	17,081.96		
0520	907-662-D002	Radio Interconnect, Broadband, Short Range	15.000	EA	7,641.96		

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION: \$3,940,829.25					\$8,055,038.31		
Ref#	Item	Item Description	Item Qty	Units	4		
0530	907-663-A001	Network Switch, Type A	16.000	EA	1,578.00		
0540	907-663-A005	Network Switch, Type E	1.000	EA	21,660.00		
0550	907-663-A006	Network Switch, Type F	11.000	EA	11,660.00		
0560	907-663-C002	SD-WAN Router	1.000	EA	3,890.00		
0570	907-663-D001	Category 6 Cable, Installed in Conduit	6,655.000	LF	2.99		
0580	907-899-A001	Railway-Highway Provisions	1.000	LS	54,625.00		