

RANKIN (61)					MISSISSIPPI DEPARTMENT OF TRANSPORTATION	APAC - Mississippi, Inc.	American Field Service Corporation	Hemphill Construction Company, Inc.
Installing a traffic signal at Country Place Drive on SR 475, known as Federal Aid Project No. STP-7338-00(004) / 104818301, in the County of Rankin, State of Mississippi.					\$541,167.70	\$450,489.80	\$500,053.62	\$571,652.00
Ref#	SM Item	Item Description	Item Qty	Units		1	2	3
0010	202-B038	Removal of Curb, All Types	300.000	LF		7.50	7.00	10.00
0020	202-B057	Removal of Inlets, All Sizes	1.000	EA		650.00	400.00	1,200.00
0030	202-B106	Removal of Pipe, All Sizes	95.000	LF		10.00	7.00	20.00
0040	203-EX030	Borrow Excavation, AH, LVM, Class B15	335.000	CY		25.50	25.00	18.00
0050	203-G001	Excess Excavation, FM	234.000	CY		23.00	9.50	16.00
0060	206-A001	Structure Excavation	110.000	CY		18.00	50.00	10.00
0070	216-A001	Solid Sodding	150.000	SY		10.50	20.00	5.50
0080	219-A001	Watering	44.000	KGAL		20.00	20.00	20.00
0090	220-A001	Insect Pest Control	1.000	ACRE		30.00	30.00	30.00
0100	221-A001	Portland Cement Concrete Paved Ditch	1.000	CY		1,550.00	800.00	1,200.00
0110	223-A001	Mowing	1.000	ACRE		40.00	40.00	40.00
0120	235-A001	Temporary Erosion Checks	52.000	BALE		15.00	9.00	15.00
0130	406-A001	Cold Milling of Bituminous Pavement, All Depths	1,884.000	SY		5.40	5.40	6.00
0140	602-A001	Reinforcing Steel	509.000	LBS		1.00	1.33	2.00
0150	603-CA002	18" Reinforced Concrete Pipe, Class III	244.000	LF		52.00	50.00	50.00
0160	604-A001	Castings	158.000	LBS		3.00	4.50	3.00
0170	604-B001	Gratings	127.000	LBS		3.00	4.50	3.00
0180	609-D008	Combination Concrete Curb and Gutter Type 3A	1,044.000	LF		14.60	14.70	20.00
0190	618-A001	Maintenance of Traffic	1.000	LS		30,800.00	15,000.00	28,585.00
0200	619-A1001	Temporary Traffic Stripe, Continuous White	1,306.000	LF		1.50	1.50	1.80
0210	619-A2001	Temporary Traffic Stripe, Continuous Yellow	523.000	LF		1.50	1.50	1.80
0220	619-A3001	Temporary Traffic Stripe, Skip White	822.000	LF		1.50	1.50	1.80
0230	619-A5001	Temporary Traffic Stripe, Detail	2,867.000	LF		1.50	1.50	1.80
0240	619-A6001	Temporary Traffic Stripe, Legend	875.000	LF		2.00	2.00	2.40
0250	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Fe	34.000	SF		8.00	9.00	12.25
0260	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	344.000	SF		8.00	9.00	12.25

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Ref#	SM Item	Item Description	Item Qty	Units		1	2	3
0270	619-F1005	Portable Median Barrier, Less Than or Equal to 45 MPH	600.000	LF		20.00	25.00	50.00
0280	619-G4001	Barricades, Type III, Single Faced	24.000	LF		16.00	12.00	25.00
0290	619-G5001	Free Standing Plastic Drums	100.000	EA		70.00	90.00	75.00
0300	620-A001	Mobilization	1.000	LS		10,400.00	66,000.00	49,908.00
0310	627-K001	Red-Clear Reflective High Performance Raised Markers	124.000	EA		8.00	8.00	9.50
0320	627-L001	Two-Way Yellow Reflective High Performance Raised Markers	26.000	EA		15.00	15.00	18.00
0330	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	6.000	SF		11.00	30.00	11.75
0340	630-A002	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	73.000	SF		11.25	35.00	12.00
0350	630-C004	Steel U-Section Posts, 3.0 to 3.5 lb/ft	28.000	LF		5.00	12.00	5.50
0360	630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	77.000	LBS		3.80	5.50	53.00
0370	630-K003	Welded & Seamless Steel Pipe Posts, 4"	59.000	LF		49.80	65.00	53.00
0380	635-A001	Vehicle Loop Assemblies	906.000	LF		9.50	12.00	10.00
0390	636-A001	Shielded Cable, AWG #18, 4 Conductor	1,635.000	LF		1.05	1.50	1.25
0400	637-A001	Equipment Cabinet	1.000	EA		1.05	1.00	1.00
0410	638-A005	Loop Detector Amplifier, Card Rack Mounted, 4 Channel	3.000	EA		577.50	450.00	608.00
0420	639-A013	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm	2.000	EA		12,852.00	12,525.00	13,525.00
0430	639-A123	Traffic Signal Equipment Pole, Type II, 17' Shaft, 65' Arm	2.000	EA		16,275.00	15,645.00	17,127.00
0440	640-A016	Traffic Signal Heads, Type 1 LED	6.000	EA		866.25	808.00	912.00
0450	640-A018	Traffic Signal Heads, Type 3 LED	2.000	EA		1,181.25	1,165.00	1,243.00
0460	640-A022	Traffic Signal Heads, Type 7 LED	2.000	EA		1,575.00	1,355.00	1,658.00
0470	642-A009	Solid State Traffic Actuated Controller Modification, Type 8	1.000	EA		12,075.00	13,316.50	12,708.00
0480	643-A001	Closed Loop On-Street Master System	1.000	EA		25,672.25	25,257.00	27,017.00
0490	644-A001	Optical Detector	4.000	EA		735.00	950.00	774.00
0500	644-B001	Optical Detector Cable	764.000	LF		1.05	1.00	1.25
0510	644-C002	Phase Selector, 4 Channel	1.000	EA		3,675.00	3,648.00	3,870.00
0520	647-A001	Pullbox, Type 1	2.000	EA		262.50	300.00	277.00

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0530	647-A005	Pullbox, Type 2	4.000	EA		420.00	500.00	442.00
0540	648-A001	Radio Interconnect, Installed in New Controller Cabinet	1.000	EA		5,649.00	4,811.00	5,945.00
0550	648-B001	Radio Interconnect, Installed in Existing Controller Cabinet	3.000	EA		7,686.00	6,736.00	8,089.00
0560	666-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7	850.000	LF		2.10	2.50	3.00
0570	666-B022	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2	136.000	LF		9.50	10.00	10.00
0580	668-A016	Traffic Signal Conduit, Underground, Type 4, 1"	975.000	LF		3.15	5.00	4.50
0590	668-A018	Traffic Signal Conduit, Underground, Type 4, 2"	84.000	LF		4.20	10.00	5.00
0600	668-B025	Traffic Signal Conduit, Underground Drilled or Jacked, Rolle	322.000	LF		12.60	17.00	13.50
0610	699-A001	Roadway Construction Stakes	1.000	LS		7,000.00	5,000.00	24,581.75
0620	907-225-A001	Grassing	1.000	ACRE		3,374.00	750.00	3,200.00
0630	907-225-B001	Agricultural Limestone	1.000	TON		525.00	1,000.00	106.00
0640	907-403-A007	Hot Mix Asphalt, MT, 19-mm mixture	606.000	TON		90.00	90.00	110.00
0650	907-403-A010	Hot Mix Asphalt, MT, 9.5-mm mixture	590.000	TON		90.00	90.00	110.00
0660	907-601-B003	Class "B" Structural Concrete, Minor Structures	7.000	CY		1,050.00	1,500.00	1,200.00
0670	907-626-A004	6" Thermoplastic Traffic Stripe, Skip White	822.000	LF		1.00	1.00	1.10
0680	907-626-C008	6" Thermoplastic Edge Stripe, Continuous White	1,306.000	LF		1.00	1.00	1.10
0690	907-626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow	523.000	LF		1.25	1.25	1.45
0700	907-626-G004	Thermoplastic Detail Stripe, White	3,482.000	LF		1.50	1.50	1.65
0710	907-626-G005	Thermoplastic Detail Stripe, Yellow	596.000	LF		1.50	1.50	1.65
0720	907-626-H004	Thermoplastic Legend, White	825.000	LF		3.50	3.50	3.75
0730	907-626-H005	Thermoplastic Legend, White	258.000	SF		7.00	7.00	7.50