



Schedule of Pay Items

Report v1

Letting Call: 171108 601

Letting Date: November 8, 2017

Contract ID: 63192-120415

Description: Construction of a new non-motorized path bridge, approach ramps, bridge lighting, bridge aesthetics, drainage, and maintaining traffic at M-5 under the Michigan Air Line Trail in Commerce Township, Oakland County. This project includes a 2 year warranty on Concrete Surface Coating. This project will be constructed with an innovative contracting method, Modified Low Bid.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120415A	CM 1763(053)	HK1711	CM 63192

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$442,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0040	Fence, Rem	2040025	240.000	Ft
0050	Exploratory Investigation, Vertical	2040080	100.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0070	Aggregate, 6A	2060001	464.000	Cyd
0080	Backfill, Structure, CIP	2060002	2,865.000	Cyd
0090	Excavation, Fdn	2060010	6,538.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,700.000	Ft
0120	Geotextile, Separator	3080005	1,864.000	Syd
0130	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0140	HMA Surface, Rem	5010005	74.000	Syd
0150	Joint, Expansion, E3	6020208	153.000	Ft
0160	Steel Sheet Piling, Permanent	7040001	968.000	Sft
0170	Bridge Ltg, Furn and Rem (P01 of 63192)	7060001	1.000	LSUM
0180	Bridge Ltg, Furn and Rem (P02 of 63192)	7060001	1.000	LSUM
0190	Bridge Ltg, Oper and Maintain	7060002	585.000	Cyd
0200	Conc, Grade S2, Subfooting	7060012	9.000	Cyd
0210	Expansion Joint Device	7060050	74.000	Ft
0220	Expansion Joint Device, Cover Plate	7060051	70.000	Ft
0230	False Decking	7060060	2,190.000	Sft
0240	Reinforcement, Steel, Epoxy Coated	7060092	298,415.000	Lb
0250	Substructure Conc, High Performance	7060101	2,997.000	Cyd
0260	Superstructure Conc, Form, Finish, and Cure (P01 of 63192)	7060111	1.000	LSUM

0270	Superstructure Conc, Form, Finish, and Cure, Night Casting (P01 of 63192)	7060112	1.000	LSUM
0280	Superstructure Conc, Form, Finish, and Cure, Night Casting (P02 of 63192)	7060112	1.000	LSUM
0290	Superstructure Conc, High Performance	7060116	2.000	Cyd
0300	Superstructure Conc, Night Casting, High Performance	7060117	585.000	Cyd
0310	_ Simulated Stone Masonry	7067011	1,870.000	Syd
0320	Bearing, Elastomeric, 1 inch	7070012	1,600.000	Sin
0330	Bearing, Elastomeric, 1 3/4 inch	7070015	2,664.000	Sin
0340	_ Steel Diaphragm, Prest Conc Beam, Erect	7077030	1,700.000	Lb
0350	_ Steel Diaphragm, Prest Conc Beam, Furn and Fab	7077030	1,700.000	Lb
0360	Post Tensioning (P02 of 63192)	7080015	1.000	LSUM
0370	Prest Conc Box Beam, Furn, 12 inch	7080051	258.000	Ft
0380	Prest Conc Box Beam, Erect, 12 inch	7080052	258.000	Ft
0390	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	691.000	Ft
0400	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	691.000	Ft
0410	Conc Surface Coating, Warranty (P01/P02 of 63192)	7100009	1.000	LSUM
0420	Substructure Horizontal Surface Sealer (P01 of 63192)	7100030	10.000	Syd
0430	Substructure Horizontal Surface Sealer (P02 of 63192)	7100030	6.000	Syd
0440	_ Bridge Barrier Railing, Aesthetic	7117001	500.000	Ft
0450	_ Deck Downspout Assembly (P01 of 63192)	7177051	1.000	LSUM
0460	Sidewalk, Conc, 6 inch	8030046	640.000	Sft
0470	Fence, Chain Link, 48 inch	8080011	666.000	Ft
0480	Fence Gate, 12 foot, for 48 inch Chain Link Fence	8080051	1.000	Ea
0490	_ Fence, Ornamental Aluminum, 48 inch	8087001	1,518.000	Ft
0500	_ Fence, Ornamental Aluminum, 72 inch	8087001	506.000	Ft
0510	Barricade, Type III, High Intensity, Lighted, Furn	8120022	18.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Oper	8120023	18.000	Ea
0530	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
0540	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
0550	Conc Barrier Reflector Replacement	8120070	100.000	Ea
0560	Conc Barrier, Temp, Adj	8120080	150.000	Ft
0570	Conc Barrier, Temp, Furn	8120081	400.000	Ft
0580	Conc Barrier, Temp, Oper	8120082	400.000	Ft
0590	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0600	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0630	Ltg for Night Work	8120160	1.000	LSUM
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Mobile Attenuator	8120180	1.000	Ea
0660	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0680	Sign Cover	8120310	10.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft

0700	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	240.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	240.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0750	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0760	Riprap, Plain	8130011	5.000	Ton
0770	Slope Restoration, Type A	8160100	4,860.000	Syd
0780	Conduit, Galv Steel, 1 inch, Structure	8190125	100.000	Ft
0790	DB Cable, in Conduit, 600V, 1/C#8	8190212	100.000	Ft
0800	_ DB Cable, in Conduit, 600V, 1/C#12	8197001	100.000	Ft
0810	_ Hh, Polymer Conc, 17" x 30" x 12"	8197050	1.000	Ea
0820	_ Luminaire, IG4	8197050	6.000	Ea
0830	Contractor Staking	8240001	1.000	LSUM
0840	Staking Plan Errors and Extras, One Person	8240020	37.000	Hr
0850	Staking Plan Errors and Extras, Two Person	8240021	15.000	Hr
0860	Staking Plan Errors and Extras, Three Person	8240022	22.000	Hr

Section: 2

0870	Reinforcement, Steel, Epoxy Coated	7060092	3,000.000	Lb
0880	_ Superstructure Conc, High Performance, Special	7067021	24.000	Cyd
0890	_ Superstructure Conc, High Performance, Special, Mock-Up	7067050	1.000	Ea
0900	_ Complex Conc Construction (P01 of 63192)	7067051	1.000	LSUM

Section: 3

0910	_ Architectural Wave Panel, Fab	8507011	245.000	Syd
0920	_ Architectural Wave Panel, Furn and Erect	8507011	245.000	Syd
0930	_ Architectural Signage, Furn, Fab and Erect	8507051	1.000	LSUM

Section: 4

0940	Conc, Grade D	7060010	5.000	Cyd
0950	Structural Steel, Mixed, Erect	7070050	2,860.000	Lb
0960	Structural Steel, Mixed, Furn and Fab	7070051	2,860.000	Lb
0970	Conduit, Galv Steel, 1 inch	8190106	388.000	Ft
0980	Conduit, Galv Steel, 2 inch	8190108	52.000	Ft
0990	Conduit, Galv Steel, 1 inch, Structure	8190125	400.000	Ft
1000	Conduit, Schedule 80 PVC, 1 inch	8190155	721.000	Ft
1010	Conduit, Schedule 80 PVC, 2 inch	8190157	629.000	Ft
1020	DB Cable, in Conduit, 600V, 1/C#3/0	8190204	444.000	Ft
1030	DB Cable, in Conduit, 600V, 1/C#8	8190212	5,408.000	Ft
1040	Cable, Equipment Grounding Wire, 1/C#6	8190236	226.000	Ft
1050	Cable, Equipment Grounding Wire, 1/C#8	8190237	2,757.000	Ft
1060	_ Conduit, Directional Bore, 1, 1 inch	8197001	600.000	Ft

1070	_ DB Cable, in Conduit, 600V, 1/C#12	8197001	10,816.000	Ft
1080	_ Luminaire, LB2	8197001	210.000	Ft
1090	_ Hh, Polymer Conc, 17" x 30" x 12"	8197050	8.000	Ea
1100	_ Lighting Control Panel and Enclosure	8197050	1.000	Ea
1110	_ Luminaire, AFL	8197050	12.000	Ea
1120	_ Luminaire, RF	8197050	13.000	Ea
1130	_ Luminaire, RS	8197050	3.000	Ea
1140	_ Lighting Power System and Support Structure Assembly (P01 of 63192)	8197051	1.000	LSUM
1150	_ Electric Utility Services	8197060	5,000.000	Dlr

Section: 5

1160	_ Architectural Wave Panel, Fab	8507011	245.000	Syd
1170	_ Architectural Wave Panel, Furn and Erect	8507011	245.000	Syd

Section: 6

1180	_ Luminaire, LB2-Alternate	8197001	210.000	Ft
1190	_ DMX Control Unit	8197050	1.000	Ea

Section: 7

1200	_ Precast Conc Medallion	7067050	1.000	Ea
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Schedule of Pay Items

Report v1

Letting Call: 171108 602

Letting Date: November 8, 2017

Contract ID: 21000-200452

Description: Up to 270.12 mi of delineator installation on US-2, Delta, Dickinson, Gogebic, Iron, Mackinac, Menominee and Schoolcraft Counties. This project will be constructed using an innovative contracting method, Fixed Price Variable Scope.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200452A	HSIP 1784(109)	KK4390	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,250.00	1500001	1.000	LSUM
Section: 2				
0020	_ Priority 001, Delineator Installation, Rigid Post	8107050	588.000	Ea
0030	_ Priority 002, Delineator Installation, Rigid Post	8107050	198.000	Ea
0040	_ Priority 003, Flexible Post Delineator Installation	8107050	19.000	Ea
0050	_ Priority 004, Delineator Installation, Rigid Post	8107050	19.000	Ea
0060	_ Priority 005, Delineator Installation, Rigid Post	8107050	120.000	Ea
0070	_ Priority 006, Delineator Installation, Rigid Post	8107050	20.000	Ea
0080	_ Priority 007, Flexible Post Delineator Installation	8107050	15.000	Ea
0090	_ Priority 008, Delineator Installation, Rigid Post	8107050	15.000	Ea
0100	_ Priority 009, Delineator Installation, Rigid Post	8107050	564.000	Ea
0110	_ Priority 010, Delineator Installation, Rigid Post	8107050	498.000	Ea
0120	_ Priority 011, Flexible Post Delineator Installation	8107050	20.000	Ea
0130	_ Priority 012, Delineator Installation, Rigid Post	8107050	20.000	Ea
0140	_ Priority 013, Delineator Installation, Rigid Post	8107050	14.000	Ea
0150	_ Priority 014, Delineator Installation, Rigid Post	8107050	12.000	Ea
0160	_ Priority 015, Flexible Post Delineator Installation	8107050	18.000	Ea
0170	_ Priority 016, Delineator Installation, Rigid Post	8107050	18.000	Ea
0180	_ Priority 017, Delineator Installation, Rigid Post	8107050	512.000	Ea
0190	_ Priority 018, Delineator Installation, Rigid Post	8107050	174.000	Ea
0200	_ Priority 019, Flexible Post Delineator Installation	8107050	17.000	Ea
0210	_ Priority 020, Delineator Installation, Rigid Post	8107050	17.000	Ea
0220	_ Priority 021, Delineator Installation, Rigid Post	8107050	154.000	Ea
0230	_ Priority 022, Flexible Post Delineator Installation	8107050	16.000	Ea
0240	_ Priority 023, Delineator Installation, Rigid Post	8107050	16.000	Ea
0250	_ Priority 024, Flexible Post Delineator Installation	8107050	160.000	Ea

0260	_ Priority 025, Delineator Installation, Rigid Post	8107050	88.000	Ea
0270	_ Priority 026, Delineator Installation, Rigid Post	8107050	24.000	Ea
0280	_ Priority 027, Flexible Post Delineator Installation	8107050	21.000	Ea
0290	_ Priority 028, Delineator Installation, Rigid Post	8107050	21.000	Ea
0300	_ Priority 029, Delineator Installation, Rigid Post	8107050	18.000	Ea
0310	_ Priority 030, Flexible Post Delineator Installation	8107050	37.000	Ea
0320	_ Priority 031, Flexible Post Delineator Installation	8107050	37.000	Ea
0330	_ Priority 032, Delineator Installation, Rigid Post	8107050	28.000	Ea
0340	_ Priority 033, Flexible Post Delineator Installation	8107050	32.000	Ea
0350	_ Priority 034, Delineator Installation, Rigid Post	8107050	7.000	Ea
0360	_ Priority 035, Delineator Installation, Rigid Post	8107050	26.000	Ea
0370	_ Priority 036, Flexible Post Delineator Installation	8107050	9.000	Ea
0380	_ Priority 037, Delineator Installation, Rigid Post	8107050	9.000	Ea
0390	_ Priority 038, Delineator Installation, Rigid Post	8107050	6.000	Ea
0400	_ Priority 039, Delineator Installation, Rigid Post	8107050	256.000	Ea
0410	_ Priority 040, Delineator Installation, Rigid Post	8107050	6.000	Ea
0420	_ Priority 041, Flexible Post Delineator Installation	8107050	12.000	Ea
0430	_ Priority 042, Delineator Installation, Rigid Post	8107050	12.000	Ea
0440	_ Priority 043, Delineator Installation, Rigid Post	8107050	8.000	Ea
0450	_ Priority 044, Delineator Installation, Rigid Post	8107050	52.000	Ea
0460	_ Priority 045, Flexible Post Delineator Installation	8107050	9.000	Ea
0470	_ Priority 046, Delineator Installation, Rigid Post	8107050	9.000	Ea
0480	_ Priority 047, Delineator Installation, Rigid Post	8107050	110.000	Ea
0490	_ Priority 048, Flexible Post Delineator Installation	8107050	12.000	Ea
0500	_ Priority 049, Delineator Installation, Rigid Post	8107050	12.000	Ea
0510	_ Priority 050, Delineator Installation, Rigid Post	8107050	50.000	Ea
0520	_ Priority 051, Delineator Installation, Rigid Post	8107050	14.000	Ea
0530	_ Priority 052, Flexible Post Delineator Installation	8107050	15.000	Ea
0540	_ Priority 053, Delineator Installation, Rigid Post	8107050	15.000	Ea
0550	_ Priority 054, Delineator Installation, Rigid Post	8107050	202.000	Ea
0560	_ Priority 055, Flexible Post Delineator Installation	8107050	22.000	Ea
0570	_ Priority 056, Delineator Installation, Rigid Post	8107050	22.000	Ea
0580	_ Priority 057, Delineator Installation, Rigid Post	8107050	14.000	Ea
0590	_ Priority 058, Delineator Installation, Rigid Post	8107050	30.000	Ea
0600	_ Priority 059, Flexible Post Delineator Installation	8107050	17.000	Ea
0610	_ Priority 060, Delineator Installation, Rigid Post	8107050	17.000	Ea
0620	_ Priority 061, Delineator Installation, Rigid Post	8107050	16.000	Ea
0630	_ Priority 062, Flexible Post Delineator Installation	8107050	20.000	Ea
0640	_ Priority 063, Delineator Installation, Rigid Post	8107050	20.000	Ea
0650	_ Priority 064, Delineator Installation, Rigid Post	8107050	52.000	Ea
0660	_ Priority 065, Flexible Post Delineator Installation	8107050	9.000	Ea
0670	_ Priority 066, Delineator Installation, Rigid Post	8107050	9.000	Ea
0680	_ Priority 067, Delineator Installation, Rigid Post	8107050	24.000	Ea
0690	_ Priority 068, Delineator Installation, Rigid Post	8107050	34.000	Ea
0700	_ Priority 069, Flexible Post Delineator Installation	8107050	17.000	Ea

0710	_ Priority 070, Delineator Installation, Rigid Post	8107050	17.000	Ea
0720	_ Priority 071, Delineator Installation, Rigid Post	8107050	16.000	Ea
0730	_ Priority 072, Flexible Post Delineator Installation	8107050	8.000	Ea
0740	_ Priority 073, Delineator Installation, Rigid Post	8107050	8.000	Ea
0750	_ Priority 074, Delineator Installation, Rigid Post	8107050	20.000	Ea
0760	_ Priority 075, Flexible Post Delineator Installation	8107050	56.000	Ea
0770	_ Priority 076, Flexible Post Delineator Installation	8107050	56.000	Ea
0780	_ Priority 077, Delineator Installation, Rigid Post	8107050	46.000	Ea
0790	_ Priority 078, Flexible Post Delineator Installation	8107050	90.000	Ea
0800	_ Priority 079, Delineator Installation, Rigid Post	8107050	22.000	Ea
0810	_ Priority 080, Flexible Post Delineator Installation	8107050	50.000	Ea
0820	_ Priority 081, Flexible Post Delineator Installation	8107050	50.000	Ea
0830	_ Priority 082, Flexible Post Delineator Installation	8107050	14.000	Ea
0840	_ Priority 083, Delineator Installation, Rigid Post	8107050	14.000	Ea
0850	_ Priority 084, Delineator Installation, Rigid Post	8107050	54.000	Ea
0860	_ Priority 085, Delineator Installation, Rigid Post	8107050	240.000	Ea
0870	_ Priority 086, Delineator Installation, Rigid Post	8107050	6.000	Ea
0880	_ Priority 087, Delineator Installation, Rigid Post	8107050	13.000	Ea
0890	_ Priority 088, Delineator Installation, Rigid Post	8107050	13.000	Ea
0900	_ Priority 089, Flexible Post Delineator Installation	8107050	44.000	Ea
0910	_ Priority 090, Delineator Installation, Rigid Post	8107050	11.000	Ea
0920	_ Priority 091, Delineator Installation, Rigid Post	8107050	11.000	Ea
0930	_ Priority 092, Flexible Post Delineator Installation	8107050	136.000	Ea
0940	_ Priority 093, Delineator Installation, Rigid Post	8107050	14.000	Ea
0950	_ Priority 094, Delineator Installation, Rigid Post	8107050	14.000	Ea
0960	_ Priority 095, Flexible Post Delineator Installation	8107050	88.000	Ea
0970	_ Priority 096, Flexible Post Delineator Installation	8107050	16.000	Ea
0980	_ Priority 097, Delineator Installation, Rigid Post	8107050	16.000	Ea
0990	_ Priority 098, Delineator Installation, Rigid Post	8107050	6.000	Ea
1000	_ Priority 099, Delineator Installation, Rigid Post	8107050	140.000	Ea
1010	_ Priority 100, Flexible Post Delineator Installation	8107050	23.000	Ea
1020	_ Priority 101, Delineator Installation, Rigid Post	8107050	23.000	Ea
1030	_ Priority 102, Delineator Installation, Rigid Post	8107050	276.000	Ea
1040	_ Priority 103, Delineator Installation, Rigid Post	8107050	946.000	Ea
1050	_ Priority 104, Delineator Installation, Rigid Post	8107050	122.000	Ea
1060	_ Priority 105, Delineator Installation, Rigid Post	8107050	18.000	Ea
1070	_ Priority 106, Flexible Post Delineator Installation	8107050	92.000	Ea
1080	_ Priority 107, Delineator Installation, Rigid Post	8107050	22.000	Ea
1090	_ Priority 108, Delineator Installation, Rigid Post	8107050	14.000	Ea
1100	_ Priority 109, Delineator Installation, Rigid Post	8107050	24.000	Ea