

**Maryland Transportation Authority**

**Contract Name : Fort McHenry Tunnel Lane Control and Dynamic Message Sign System Upgrade**

**Contract #: FT-706-000-002**

**Bid Date: 30 September 2009**

Bid Tabulation

		CONTRACTOR 1 MIDASCO, LLC		CONTRACTOR 2 ENTERPRISE ELECTRIC CO.		
1001	SYSTEM INTEGRATION TESTING	1	\$44,000.00	\$44,000.00	\$10,000.00	\$10,000.00
1002	RELIABILITY TESTING	1	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00
1003	ENGINEERS OFFICE TYPE C	1	\$59,000.00	\$59,000.00	\$30,000.00	\$30,000.00
1004	CPM TYPE A SCHEDULE (SECTION 109)	1	\$19,000.00	\$19,000.00	\$10,000.00	\$10,000.00
1005	MAINTENANCE OF TRAFFIC (SECTION 104)	1	\$322,280.00	\$322,280.00	\$200,000.00	\$200,000.00
1006	EACH OF DRUMS FOR MAINTENANCE OF TRAFFIC (SECTION 104.12)	200	\$18.00	\$3,600.00	\$85.00	\$17,000.00
1007	UNIT DAY OF PROTECTION VEHICLE (SECTION 104.23)	60	\$190.00	\$11,400.00	\$525.00	\$31,500.00
1008	UNIT DAY OF ARROW PANEL ("AP") (SECTION 104.07)	180	\$20.00	\$3,600.00	\$25.00	\$4,500.00
1009	UNIT DAY OF PORTABLE VARIABLE MESSAGE SIGN(S) ("PVMS") (SECTION 104.19)	60	\$95.00	\$5,700.00	\$105.00	\$6,300.00
1010	MOBILIZATION (SECTION 108)	1	\$170,000.00	\$170,000.00	\$150,000.00	\$150,000.00
8001	Remove Existing Dynamic Message Signs and Controllers (any type)	44	\$910.00	\$40,040.00	\$5,000.00	\$220,000.00
8002	Install Type I Modified Dynamic Message Signs with Integrated Controllers and Furnish and Install Catwalks	6	\$21,000.00	\$126,000.00	\$46,200.00	\$277,200.00
8003	Install Type IV Dynamic Message Signs with Integrated Controllers	6	\$2,900.00	\$17,400.00	\$15,000.00	\$90,000.00
8004	Remove Existing Lane Control Signals (3 Message)	48	\$200.00	\$9,600.00	\$4,000.00	\$192,000.00
8005	Remove Existing Lane Control Signals/Flashing Beacons (3 messages)	24	\$200.00	\$4,800.00	\$4,500.00	\$108,000.00
8006	Remove Existing Electronic Speed Limit Signs (any type)	8	\$500.00	\$4,000.00	\$3,000.00	\$24,000.00
8007	Furnish and Install Lane Control Signal Type V (3 messages)	76	\$3,600.00	\$273,600.00	\$8,500.00	\$646,000.00
8008	Furnish and Install Lane Control Signal Type VI (3 messages)	28	\$3,800.00	\$106,400.00	\$10,500.00	\$294,000.00
8009	Remove Existing Overhead structure 24025	1	\$8,800.00	\$8,800.00	\$43,000.00	\$43,000.00
8010	Remove Existing Signal Heads	2	\$140.00	\$280.00	\$2,500.00	\$5,000.00
8011	Furnish and Install LED Signal Heads	2	\$700.00	\$1,400.00	\$4,500.00	\$9,000.00
8012	Remove Existing Support Structures (poles)	2	\$300.00	\$600.00	\$2,500.00	\$5,000.00
8013	Furnish and Install Support Structures (poles)	2	\$775.00	\$1,550.00	\$5,000.00	\$10,000.00
8014	Remove Existing Wiring from the Signal Poles to Cabinets (per each conductor)	2500	\$1.00	\$2,500.00	\$2.50	\$6,250.00
8015	Furnish and Install #12 AWG Type THHN/THWN, 600V Wire (per each conductor) and Associated Installation Material	2500	\$1.00	\$2,500.00	\$5.00	\$12,500.00
8016	Remove Existing AC Control Box at McComas Street Ramp	1	\$400.00	\$400.00	\$2,000.00	\$2,000.00
8017	Furnish and Install New AC Control Box Type C with Inside Equipment at SH-2 Signal Head Support Structure	1	\$4,600.00	\$4,600.00	\$5,000.00	\$5,000.00
8018	Remove Existing TIF Cabinets Inside the FMT Utility Rooms	22	\$275.00	\$6,050.00	\$2,500.00	\$55,000.00
8019	Remove Existing Field Equipment Cabinets outside the FMT	10	\$300.00	\$3,000.00	\$3,100.00	\$31,000.00
8020	Remove Existing Breaker Boxes Outside the FMT	7	\$200.00	\$1,400.00	\$2,000.00	\$14,000.00
8021	Furnish and Install New Breaker Boxes Type B with Enclosures Outside the FMT	7	\$6,200.00	\$43,400.00	\$8,300.00	\$58,100.00
8022	Furnish and Install Type A Field Equipment Cabinet	2	\$6,000.00	\$12,000.00	\$8,300.00	\$16,600.00
8023	Refurbish Existing Field Equipment Cabinet	6	\$4,000.00	\$24,000.00	\$5,000.00	\$30,000.00
8024	Furnish and install new GRS conduit	2000	\$14.00	\$28,000.00	\$25.00	\$50,000.00
8025	Spare Relays and Load Switches	1	\$100.00	\$100.00	\$20,000.00	\$20,000.00
8026	Other Assemblies installed within the Field Cabinet	1	\$1,500.00	\$1,500.00	\$25,000.00	\$25,000.00
8027	Furnish Type V Lane Control Signal (3 message) Including Door Faces	7	\$2,300.00	\$16,100.00	\$3,000.00	\$21,000.00
8028	Furnish Type VI Lane Control Signal (3 message) Including Door Faces	3	\$2,900.00	\$8,700.00	\$4,000.00	\$12,000.00
8029	DYNAC Modifications	1	\$260,000.00	\$260,000.00	\$285,000.00	\$285,000.00
8030	MISCELLANEOUS REPAIRS AND/OR CONSTRUCTION	1	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
TOTAL			\$	1,727,300.00		\$3,095,950.00