

LAPEER COUNTY ROAD COMMISSION

2010-20 Contracted Services

Contractor	Service	Unit Price
BMJ Engineering & Surveyors, Inc Philip J. Porte, P.E. Port Huron 810-984-5596	Senior Project Engineer	\$ 115.00
	Project Engineer	\$ 90.00
	Engineer	\$ 75.00
	Engineer Technician-Design	\$ 70.00
	Engineer Technician- Construction	\$ 70.00
	MDOT Office Technician	\$ 65.00
	Structural Steel Inspector	\$ 115.00
	Administrative Assistant	\$ 45.00
	SURVEY/Hour	
	Two Man Crew	\$ 145.00
	One Man GPS Crew	\$ 120.00
	Senior Project Surveyor (P.S.)	\$ 115.00
	Project Surveyor (P.S.)	\$ 90.00
	Staff Surveyor	\$ 70.00
	Technician V	\$ 65.00
	Project Assistant	\$ 50.00
	SURVEY SPECIALTY SERVICES/EQUIPMENT/Hour	
	BATHYMETRIC SURVEY	
	Bathymetric Survey	\$ 185.00
	Bathymetric Office	\$ 90.00
	Bathymetric Drafting	\$ 70.00
	EQUIPMENT/Day	
	Nuclear Moisture-Density Gauge	\$ 35.00
	Coring Machine, Generator and Bit Wear	\$ 150.00
	Rebound Hammer	\$ 20.00
	Hand Auger/Dynamic Cone Penetrometer	\$ 20.00
	LABORATORY TESTING/Per Test-Lab Technician Included	
	Sieve Analysis (unwashed)	\$ 60.00
	Sieve Analysis (washed)	\$ 80.00
	Laboratory Maximim Dry Density:	
	1. ASTM D1557 (Modified Proctor)	\$ 80.00
	2. ASTM D698 (Standard Proctor)	\$ 70.00
	Compressive Strength Test on Concrete Core	\$ 70.00
	Compressive Strength Test on Concrete Cylinder, ASTM C39	\$ 15.00
	Bituminous Vacuum Extraction/Gradation	\$ 385.00
	HAZARDOUS WASTE SITES-SURVEY CREW RATES	
	Three Person Crew	\$ 200.00
	Two-Man Crew	\$ 180.00
	Travel Mileage	
	Travel Mileage will be charged from portal to portal at the current	.50/mile
Standard Internal Revenue Service Mileage Rate		
Plan Reporoductions		
18" x 24"	1.00/copy	
24" x 36"	1.00/copy	
36" x 48"	1.50/copy	

Contractor	Service	Unit Price
Construction Testing Services Jack Geerlings 810-603-0766	Technical Services- Labor	
	Operations Manager	\$ 125.00
	Principal/Professional Engineer	\$ 95.00
	Field/Staff Engineer	\$ 85.00
	Project Manager	\$ 75.00
	Field Technician	\$ 45.00
	Administration	\$ 35.00
	Testing and Laboratory Services	
	Concrete Compressive Strength Test (includes mortar and grout)	\$ 12.00
	Concrete Beams	
	Make/Mold Beams	\$ 10.00
	Break Beams	\$ 20.00
	Mileage (portal to portal)	NC
	Nuclear Density Gauge	NC
	Coring Services (minimum charge \$500.00)	
	Concrete/Asphalt Core	\$ 50.00
	Coring Equipment	\$ 150.00
	Crew (2-technicians)	\$ 95.00
	Proctor (Standard T-99)	\$ 140.00
	Proctor (Modified T-180)	\$ 165.00
	Sample/Specimen Pick-Up	NC
	Sieve/Mechanical Analysis	\$ 75.00
	HMA Vacuum Extraction	\$ 200.00
	Specific Gavity Determiniation	\$ 155.00
	Unconfined Compression (SPT Soil Sample)	\$ 70.00
	Atterberg Limits Determination (1-point method)	\$ 80.00
	Atterberg Limits Determination (3-point method)	\$ 150.00
	Density Determination (includes natural density, moisture content)	\$ 40.00
	Organic Content Analysis	\$ 60.00
	Hydrometer	\$ 195.00
	LA Abrasion	\$ 525.00
	Windsor Probe (Minimum charge \$500.00)	
	Equipment	\$ 125.00
	Test	\$ 40.00
	Labor (w/report)	\$ 90.00
	Swiss Hammer Determination (minimum charge \$500.00)	
	Equipment	\$ 75.00
	Labor	\$ 90.00
	Complete Marshall including Flow and Stability	\$ 325.00
	Marshall Density for Unit Weight for Asphalt Density	\$ 125.00
Ray Davis/Cory Mabery 810-667-6789	Permit Inspector	\$ 50.00
	Construction Inspector/Observer	\$ 62.00
	Two (2)Man Survey Crew	\$ 120.00
	One (1) Man Survey Crew with GPS Equipment	\$ 114.00
	Material Testing, certified technician (in lab)	\$ 62.00
	Aggregate	\$ 10.00
	Bituminous	\$ 20.00
	Concrete/cylinder	\$ 30.00
	Density Testing,Certified Technician	\$ 62.00
	Lab Equipment Fee/day	\$ 40.00
	Licensed Engineer	\$ 90.00
	Licensed Surveyor	\$ 90.00
	Technician II	\$ 64.00
Technician I	\$ 42.00	

*some 2 hour minimums

Contractor	Service	Unit Price
PSI Russell Bennett, P.E. 989-755-6777	Material Technician-Concrete field testing and field density testing for compaction of soils/Per hour	\$ 30.00
	4 Hour Minimum Charge Per Day	\$ 120.00
	Senior Materials Technician-Asphalt Batch Plant Testing and Asphalt or Concrete Coring/Per Hour	\$ 38.00
	4 Hour Minimum Charge Per Day	\$ 152.00
	Engineering Technician Inspector/Lane Tie Pull Testing-Per Hour	\$ 60.00
	Eng. services for contract administration, job-site meetins and consultation Principle Engineer	\$ 100.00
	Project Manager	\$ 70.00
	Compression testing of concrete cylinders	\$ 8.00
	Compression testing of concrete sylinders (Made by client)	\$ 15.00
	Speial pick-up of test cylinders and samples(4 hour minimum)/hour	\$ 30.00
	Transportation charge/per trip	\$ 30.00
	Laboratory testing of aggregate including graduation, fineness modulus absorption, specific gravity and until weight	\$ 125.00
	Asphalt extraction graduation	\$ 150.00
	Moisture density reationship of soils (proctor)	\$ 125.00
	Sieve analysis (ASTM C-136 or C-117)	\$ 60.00
	Preparation and testing of concrete cores	\$ 30.00
	Marshall samples	\$ 75.00
	Marshall samples with Flow and Stability	\$ 200.00
	Concrete Flexural Strength Beam Test	\$ 15.00
	Nuclear Density Gauge	\$ 20.00
Core Rig/Generator rental	\$ 150.00	
Core Hole Patching Concrete or Asphalt	\$ 10.00	
Spicer Group Gerrad Godley, P.E. 989-754-4717	Field Engineer	\$ 110.00
	Construction Administrator (Office Technician)	\$ 90.00
	Construction Services Technician	\$ 84.00
	Sieve Analysis (unwashed)	\$ 60.00
	Sieve Analysis (washed)	\$ 90.00
	Compression Strength Test on Concrete Cylinder	\$ 18.00
	Compression Strength Test on Concrete Beam	\$ 25.00
Wilcox 810-233-4627	Technician, Grade III- Regular/ hour	\$ 65.00
	Nuclear Density Meter/ /day	\$ 40.00
	Coring Equipment/ day	\$ 150.00
	Comprehensive Strength of Concrete Cylinders, ASTM C39/ each	\$ 18.00
	Comprehensive Strength of Concrete Cores, ASTM C42/ each	\$ 50.00
	Sieve Analysis, Granular & Fine Aggregate, MTM 109	\$ 125.00
	Sieve Analysis, Dense Graded Aggregate, MTM 109/ each	\$ 160.00
	Lab Proctor-Granular & Fine Aggregate, ASTM D698 or D1557/ each	\$ 200.00
	Lab Proctor- Dense Graded Aggregate and Clay, ASTM D698 or D1557	\$ 250.00
	Extraction & Sieve Analysis, ASTM D2172, D5444/ each	\$ 225.00
	Unit Weight of Asphalt Core, ASTM D2726/ each each	\$ 50.00
	Administrative Services	
	Project Professional II (P.E.)/ hour	\$ 95.00
Office Tech III/ hour	\$ 65.00	
I.D.F. Clean-Up, Inc Israel Ferrett 810-724-0006	General Labor	\$35/man hour
	Erosion Control	
	Silt Fence (.50/ft up charge for fro	\$1.00/ft
	High Flow Fence	\$2.00/ft
	Snow Fence	\$2.00/ft
	Catch Basin Replace	\$35/drain
	Catch Basin/Remove Fabric	\$15/drain