

PROPOSALS FOR PROFESSIONAL SERVICES
2012-2013

CIVIL ENGINEERING

1. T&M Associates
11 Tindall Road
Middletown, NJ 07748

2. Birdsall Services Group
65 Jackson Drive
Cranford, NJ 07016

Hourly fee schedule for each proposal is attached.

REQUEST FOR PROPOSAL FOR CIVIL ENGINEERING SERVICES

The Board of Education of the Township of Union is seeking proposals for Civil Engineering Services from firms which have a strong demonstrated ability to conduct professional engineering services for a school district at one or more of its various facilities, as assigned by the Board of Education. Professional engineering licensure in good standing is required.

Proposals must be in writing and must contain proposed rates for all services, fees and disbursements, if any. The services required to be performed are site/civil engineering; including lighting, landscaping, traffic, storm water, waste water, and any other ancillary public engineering services. There are significant amounts of regulatory compliance issues inherent in the foregoing and, therefore, those firms which submit proposals are advised that proposals must reflect, at a minimum, compliance with all Federal, State and Local laws relating to the work proposed or performed. All fee proposals shall be fixed for one (1) year from the date of award and may not be changed or withdrawn except by permission of the Board. Proposals shall also contain a Certificate of Employee Information Report (AA) and a Business Registration Certificate. Proposals shall be submitted no later than June 8th, 2012. Proposals must contain a firm description and a Curriculum Vitae for all professionals who may be assigned to handle projects for the Board. The award shall be made to a vendor whose response is most advantageous to the Board, price and other factors considered. Successful vendors shall be required to provide proof of insurance coverage for general liability, automobile, workers compensation and errors and omissions in the minimum amount of \$5 million in the form approved by the Board Secretary.

Proposals will be opened and read aloud in the Board of Education Conference Room at the Administration Building, 2369 Morris Avenue, Union, New Jersey on June 8th, 2012 at 11:00 a.m. Your proposal must be received prior to that date and time.

Any questions or requests for clarification may be submitted to James J. Damato, General Counsel, Union Board of Education, 2369 Morris Avenue, Union, New Jersey 07083; 908-851-6411



2012 Schedule of Hourly Billing Rates

BILLING TITLE	BILLING RATE/HR
Jr. Technical Staff Administrative Support Staff	\$62.00
Field Staff Professional Entry Level	\$78.00
Technical Staff Jr. Professional Staff	\$112.00
Professional Staff Senior Technical and Field Staff	\$123.00
Senior Professional Staff Supervising Technical Staff	\$130.00
Supervising Professional Staff	\$145.00
Principal Division Manager Corporate Manager	\$149.00
Survey	
Survey Crew 1 Party Chief Senior Party Chief w/Robotic Equipment	\$130.00
Survey Crew 2 Party Chief or Senior Party Chief with 1 Survey Technician	\$166.00
Survey Crew 3 Party Chief or Senior Party Chief with 2 Survey Technicians	\$198.00

Billing Basis: Fixed Rate for Each Billing Title

Title-M-UTWP

SCHEDULE OF MISCELLANEOUS CHARGES
Effective January 1, 2012

CONTRACTED SERVICES including subconsultants,
contracted labor, subprofessionals and
subcontractors..... Invoice
Cost + 15%

DIRECT EXPENSES

- **Disbursements to agencies, vendors & suppliers**
Including equipment, interstate transportation; permit, application,
review & similar fees; printing, plotting, reproduction, binding &
other graphic services; outside computer services; title, research and
data services; Courier and express services; project field office
expense; & out-of-state telephone costs..... Invoice
Cost

- **Other charges:**

Mileage Commensurate
With IRS
Guidelines

- Travel and Subsistence Invoice
Cost



/// FEE SCHEDULE

PERSONNEL RATES	
TITLE	HOURLY RATE
Principal	\$225.00
Senior Technical Director	\$195.00
Senior Project Manager	\$185.00
Technical Director	\$175.00
Senior Technical Manager	\$165.00
Project Manager	\$155.00
Senior Project Professional	\$150.00
Technical Manager	\$150.00
Project Professional	\$145.00
Senior Project Specialist	\$140.00
Project Specialist	\$135.00
Senior Technical Professional	\$125.00
Technical Professional	\$120.00
Senior Technical Specialist	\$110.00
Technical Specialist	\$100.00
Senior Data/Field Specialist	\$95.00
Data/Field Specialist	\$85.00
Senior Technical Assistant	\$80.00
Technical Assistant	\$75.00
Junior Technical Assistant	\$70.00
Junior Data/Field Technician	\$65.00
Data Entry Specialist	\$55.00

REIMBURSABLE EXPENSES	
ITEM	FEE
Black & White Copy 8½ x 11	\$ 0.20/sheet
Black & White Copy 8½ x 14	\$ 0.30/sheet
Black & White Copy 11 x 17	\$ 0.40/sheet
Black & White Copy 24x36	\$ 2.85/sheet
Black & White Copy 30 x 42	\$ 4.25/sheet
Color Copy 8½ x 11	\$ 0.40/sheet
Color Copy 11 x 17	\$ 0.80/sheet
Color Copy 24 x 36	\$27.00/sheet
Color Copy 30 x 42	\$40.00/sheet
Mylar 24 x 36	\$27.00/sheet
Mylar 30 x 42	\$40.00/sheet
CD	\$50.00/disc
Subconsultants	115% of cost
Out-of-pocket expenses	115% of cost

Additional reimbursables include, but are not limited to, delivery expenses and mileage charged at Federal prevailing rates.



/// FEE SCHEDULE

GEOTECHNICAL LABORATORY SERVICES

IDENTIFICATION TEST	UNIT	FEE
Visual Identification	Per Test	\$15.00
Natural Moisture Content	Per Test	\$20.00
Atterberg Limits	Per Test	\$100.00
Specific Gravity	Per Test	\$60.00
Gradation Analysis – Sieve Only	Per Test	\$75.00
Gradation Analysis – Combined Sieve & Hydrometer	Per Test	\$180.00
Organic Content – Furnace Method	Per Test	\$30.00
Opening Shelby Tube	Per Test	\$30.00
Dry Unit Weight (Undisturbed Samples)	Per Test	\$20.00
Logging of Thin Wall Tube Sample	Per Test	\$30.00
Permeability Class Rating (NJAC 7:9A-6.3)	Per Test	\$200.00

PERFORMANCE TEST	UNIT	FEE
Unconfined Compression (with Stress-Strain Curve)	Per Test	\$120.00
Consolidation Test (including On Unload-Reload Cycle)	Per Test	\$600.00
Permeability (Rigid Wall)	Per Test	\$300.00
Permeability (Flexible Wall ASTM D-5084)	Per Test	\$500.00
Compaction (ASTM D-698 or ASTM D-1557)	Per Test	\$300.00
Direct Shear Test	Per Test	\$250.00
Soaked CBR at Optimum	Per Test	\$310.00
Project Specific Testing Requirements & Reporting	Per Hour	\$90.00

GEOTECHNICAL EQUIPMENT CHARGES

SERVICE	UNIT	FEE
Asphalt Coring (Coring Crew & Equipment)	Per Day	\$1,000.00
Nuclear Moisture – Density Gauge	Per Day	\$50.00
	Per Week	\$200.00
	Per Month	\$600.00
Seismograph	Per Day	\$75.00
	Per Week	\$325.00
	Per Month	\$1,000.00
Digital Inclinometer	Per Day	\$200.00



/// FEE SCHEDULE

ASBESTOS/LEAD LABORATORY SERVICES		
ANALYSIS	UNIT	FEE
BULK MATERIAL SAMPLE		
- Polarized Light Microscopy (PLM) with Dispersion Staining (Surcharge for processing sample with organically bound matrix \$10.00)	Per Test	\$25.00
- Transmission Electron Microscopy (TEM) <i>(TEM costs are based on turnaround time needed – laboratory fees for expedited samples will be charged accordingly)</i>	Per Test	\$100.00
AIR SAMPLE		
- Phase Contract Microscopy (PCM)	Per Test	\$20.00
- Transmission Electron Microscopy (TEM) <i>(TEM costs are based on turnaround time needed – laboratory fees for expedited samples will be charged accordingly)</i>	Per Test	\$90 - \$300.00
RATE FOR ANALYSIS OF PAINT, FILM, AIR, DUST, WIPE AND WATER SAMPLES FOR LEAD CONTENT WILL BE QUOTED BASED ON SPECIFIC PROJECT REQUIREMENTS		



/// FEE SCHEDULE

ENVIRONMENTAL LABORATORY SERVICES

RATES FOR ENVIRONMENTAL LABORATORY ANALYSES ARE QUOTED BASED ON SPECIFIC PROJECT REQUIREMENTS

ENVIRONMENTAL EQUIPMENT CHARGES

SERVICE	UNIT	FEE
Asphalt Coring (Coring Crew & Equipment)	Per Day	\$1,000.00
Photo Ionization Detector	Per Day	\$125.00
Hermit 2000 w/2 Transducers	Per Day	\$400.00
Combustible Gas Indicator	Per Day	\$75.00
Dust Control Meter	Per Day	\$100.00
Grout Injection System	Per Day	\$200.00
Hand Held Geoprobe	Per Day	\$250.00
Horiba Meter	Per Day	\$150.00
Trimble GPS Equipment	Per Day	\$200.00
Metal Detector	Per Day	\$25.00
Submersible Pump	Per Day	\$50.00
Oil Water Indicator	Per Day	\$50.00
Peristaltic Pump	Per Day	\$35.00
ORP Electrode	Per Unit	\$20.00
Macrocore Sleeves for Hand-Held Geoprobe	Per Unit	\$5.00
Shovels	Per Unit	\$5.00
Drill/Drive Set (Sub-Slab Vapor Sampling)	Per Unit	\$50.00
Concrete Sampling Equipment	Per Unit	\$10.00
Dry Cell Battery	Per Unit	\$10.00
Hand Auger	Per Day	\$10.00
Measuring Wheel	Per Day	\$20.00
Disposable Bailer	Per Unit	\$10.00
Small Teflon Bailers (.75" x 36")	Per Unit	\$10.00
Large Teflon Bailers (1.6" x 36")	Per Unit	\$20.00
Liquid GAC Drum	Per Unit	\$20.00
Paper Tyvek Suit	Per Unit	\$5.00
Poly Tyvek Suit	Per Unit	\$10.00
Sarinex Tyvek Suit	Per Unit	\$20.00
Pull On Boots	Per Unit	\$2.00
Consumables for Monitoring Wells Under 25 feet	Per Unit	\$70.00
Consumables for Monitoring Wells Between 25-50 feet	Per Unit	\$100.00
Consumables for Monitoring Wells Between 50-100 feet	Per Unit	\$150.00
Water Level Indicator	Per Day	\$30.00
Weed Wacker	Per Day	\$25.00
Whale Pump	Per Day	\$35.00
Portable Generator	Per Day	\$50.00
Inverter	Per Unit	\$5.00
Auto, Truck or Van Rental	Per Day	\$100.00

LOW FLOW GROUNDWATER SAMPLING WILL COST APPROXIMATELY \$300.00 PLUS CONSUMABLES FOR EACH WELL