

PROPOSALS FOR PROFESSIONAL SERVICES
2012-2013

ENVIRONMENTAL ENGINEERING AND
REGULATORY COMPLIANCE SERVICES

1. Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

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

	OMEGA ENVIRONMENTAL SERVICES	BIRDSALL SERVICES GROUP
RTK	\$6,750	\$15,950
ASBESTOS AD'S 1&2	\$11,500	\$14,700
ASBESTOS OVERSIGHT	\$615 per event Assuming 5 = \$3,075	\$40,000
PEOSHA	\$600/class Assuming 3 = \$1,800	\$1650 includes 3 classes

REQUEST FOR PROPOSAL FOR ENVIRONMENTAL ENGINEERING AND REGULATORY COMPLIANCE SERVICES

The Board of Education of the Township of Union is seeking proposals for Environmental Engineering and Regulatory Compliance 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 geotechnical engineering consisting of subsurface investigation consisting of air pollution compliance and sampling; environmental engineering, consisting of asbestos consulting, industrial hygiene and indoor air quality, sampling and monitoring; geo-environmental services, consisting of underground storage compliance, health and safety activities, soil and ground water remediation services, PEOSHA laboratory standard (N.J.A.C. 12:100-4.2), PEOSHA blood borne standard (N.J.A.C. 12:100-4.2), Right to Know services, hazardous and solid waste management, and regulated medical waste management. There is a significant amount 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 All fee proposals shall be fixed for one (1) year from the date of award and may not be changed or withdrawn except by permission of the Board.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. 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 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.

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

OMEGA
ENVIRONMENTAL
SERVICES, INC.



June 7, 2012

Union Board of Education
2369 Morris Avenue
P.O. Box 3139
Union, NJ 07088

**Subject: PRICE SCHEDULE FOR PROFESSIONAL ENVIRONMENTAL SERVICES
CONTRACT**

Dear Union Board of Education:

On behalf of Omega Environmental Services, thank you for the opportunity to submit a bid proposal for your professional environmental services contract.

Project Overview/Scope of Work:

It is our understanding that the bid scope involves providing professional staff to address a variety of environmental compliance issues, including: Right-to-Know inventory/reporting, asbestos, and other environmental health & safety issues.

Firm experience

Omega has provided asbestos and demolition project management services on the current C-5 Jefferson School construction project which was bid as a stand-alone capital project.

Our firm also has worked in Catholic Archdiocese and other school projects for over fifteen years, including Right-to-know inventory, training and other environmental services.

Staffing

Depending upon the specific task/issue to be addressed, environmental compliance services are managed by an Environmental Engineer and/or Certified Industrial Hygienist, with assistance from Industrial Hygienists and other field staff.

In order to address, sub-surface, underground storage tank (UST) and/or asbestos issues, we have other staff with specific NJ certifications.

Estimated Lump Sum Pricing for Key Services:

Omega is pleased to provide estimated lump sum pricing for the following annual services that are required by regulation and/or frequently occur in a NJ school districts.

SARA Title III Right-to-know chemical inventory and reporting update

Omega would review the existing Right-to-Know Chemical Inventory Forms submitted for 2011-2012 reporting, then re-inventory each school building to determine if any updates apply (i.e. change on product or quantity). Then 2012-2013 forms would be prepared for electronic submittal.

Asbestos AHERA 6-month Re-inspections

After review of the existing 'Asbestos Management Plan' for each school in the District, followed by a site hazard assessment inspection to assess any changes in condition of asbestos-containing materials (ACM). A re-inspection summary report is prepared and attached to the main 'Asbestos Management Plan'.

Asbestos abatement oversight

Omega routinely provides asbestos project management services including: scope of work delineation, contact abatement Contractor(s) to quote work, asbestos air monitoring during abatement, and asbestos Contractor close-out package review (asbestos waste manifests, etc.).

For the purpose of this 'Bid Proposal' we are assuming that an average of five (5) minor quantity on-shift asbestos clean-up projects will occur during the Contract period. 'One shift mobilizations' apply to removal of less than twenty five (25) feet of pipe insulation or less than ten (10) square feet of other materials such as asbestos floor tile (VAT).

PEOSHA refresher training: bloodborne pathogens and laboratory standards

The Omega training department would schedule on-site PEOSHA mandated training for school nurse, janitorial, and other staff. The purpose of refresher training is to review existing and new policies & procedures.

Estimated Lump Sum Pricing by Service (10 Schools Total in School District)

1. SARA Title III Right-to-know Chemical Inventory and Reporting Update	\$6,750
2. Asbestos AHERA 6 month re-inspections (round 1 and 2) and 'Asbestos Management Plan' updates	\$11,500
3. Asbestos abatement oversight (assuming five (5) shift minor projects, 9 hrs per shift (PCM air sample 24 hr. TAT)	\$615/per event \$3,075 (five emergency asbestos projects)-
4. PEOSHA Refresher Training: <ul style="list-style-type: none">• Bloodborne pathogens• Laboratory standards	\$600 per training class (multiple schools may be combined for training)

HOURLY RATES CORRESPONDING TO SPECIFIC SERVICES LISTED IN THE BID RFP

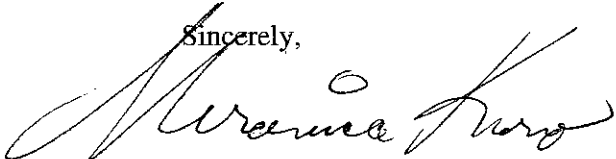
Service Listed in Bid RFP	Staff Designation	Hourly Rate (M-F)*
Asbestos consulting	(Asbestos surveys) EPA Certified Asbestos Inspector	\$69/hour + laboratory analysis of bulk samples
	(Asbestos bulk sampling) EPA Certified Asbestos Inspector	\$69/hour + laboratory analysis of bulk samples
	(Asbestos air sampling) NJ DCA Air Sampling Technician	\$62/hour + laboratory analysis of air samples
	PCM air (24 hour TAT)	\$10/per sample
	TEM air (24 hour TAT)	\$60/per sample
	EPA Certified Management Planner	\$72/hour
Right-to-Know services	Industrial Hygienist	\$75/hour
PEOSHA laboratory standards	Industrial Hygienist	\$75/hour
PEOSHA bloodborne standards	Industrial Hygienist	\$75/hour
Sub-surface investigation	Certified Sub-Surface Investigator	\$75/hour
Air pollution compliance and sampling	Environmental Engineer	\$85/hour
	Air Sampling Technician	\$70/hour
Building commissioning	Mechanical Engineer	\$85/hour
Industrial hygiene (IH)	Certified Industrial Hygienist	\$105/hour
	Industrial Hygienist	\$75/hour
Indoor air quality testing (IAQ)	IAQ Specialist	\$75/hour + instrument usage and laboratory analysis where applicable
UST compliance	Certified Sub-Surface Investigator	\$75/hour
Health & safety activities	Certified Industrial Hygienist	\$105/hour
	Industrial Hygienist	\$75/hour
Soil and groundwater remediation services	Environmental Engineer	\$85/hour (project-specific pricing applies)
Hazardous & solid waste management	Industrial Hygienist	\$75/hour
Regulated medical waste management	Industrial Hygienist	\$75/hour

* Bid hourly rates reflect M-F day shift hours up to 40 hours per week; over-time multiplier of 1.5x applies to night and weekend work.

PAYMENT TERMS: NET 30 DAYS FROM ISSUANCE OF REPORT

If you have any questions regarding this bid proposal please do not hesitate to contact our office at 201.489.8700.

Sincerely,



Veronica Kero, CIH, P.E.



/// SCOPE OF SERVICES AND FEE PROPOSAL

COMPENSATION

The costs outlined below will be billed on a lump sum basis, per service, unless otherwise indicated. As discussed herein, additional services can be provided on an as-needed basis and will be billed as time and expense based on the attached fee schedule.

	<u>SERVICE AREA</u>	<u>FEE</u> <u>(2012-2013)</u>
Item 1.	Environmental Consulting Services	
	• Asbestos Surveillance Round 1	\$7,350.00
	• Asbestos Surveillance Round 2	\$7,350.00
	• On-Call Asbestos Abatement Contractor Selection Services	\$5,950.00
	• Asbestos Abatement Oversight Services	\$40,000.00 (allowance)
Item 2.	PEOSHA Laboratory Standard	\$1,650.00
	• Prepare Chemical Hygiene Plan or evaluate currently existing plan	
	➤ One (1) Information and Training Session	
Item 3.	PEOSHA Bloodborne Standard	\$1,650.00
	• Evaluation of written Exposure Control Plan	
	• One initial and two annual Education and Training Sessions	
	➤ Hepatitis B vaccines are not included in the cost quoted	
Item 4.	Right To Know	\$15,950.00
	• Onsite Inventory	
	• Inventory Data Management, Analysis and Computer Input	
	• Right to Know Survey Preparation	
	• Hazard Communication Education and Training Biennial - minimum of 6 sessions	
	➤ Initial - minimum of 2 sessions	
	• Provision of RTK "Universal" Labels	
	TOTAL FEE	\$79,900.00



/// 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 Inclinator	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**



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