

DISTRICTS - ALL

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

 X Resolution or Ordinance (Blue) _____ Waiver of First Requested
Recommendations of Boards, Commissions & Committees (Green)
Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: David A. Hulseberg, Village Manager

DATE: May 8, 2010 (COW) (B of T) **Date:** May 17, 2012

TITLE: Annual Geotechnical Engineering, Construction Material Testing
and Environmental Services Contract

SUBMITTED BY: David A. Dratnol, P.E. Village Engineer *DD*

BACKGROUND/POLICY IMPLICATIONS:

This is a strategic partnership providing high quality engineering related services at cost efficient and effective rates.

FISCAL IMPACT/FUNDING SOURCE:

\$133,500.00 Various Project Funds
Establish three blanket PO's.
Seeco = \$44,500.00
Terracon = \$44,500.00
TSC = \$44,500.00

Review (as necessary):
Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village
Manager's Office by 12:00 noon, Wednesday, prior to the Agenda
Distribution.

MEMORANDUM



To: David A. Hulseberg, Village Manager
 Through: Carl Goldsmith, Director of Public Works
 From: David A. Dratnol, P.E., Village Engineer
 Date: May 8, 2012
 Subject: Geotechnical Engineering, Construction Material Testing

Testing Services Corporation (TSC) of Carol Stream, Seeco Consultants (Seeco) of Tinley Park and Terracon Consultants (Terracon) of Naperville have performed commendably on the Geotechnical Engineering and Construction Material Testing Services Contract over the past year. It is recommended that the Village exercise its option to renew the current agreements for FY2012B and FY2013. This contract fulfilled its primary function of establishing continuity of service, simplifying contracting procedures and reducing Village staff time associated with contract document preparation and administration.

The total not to exceed contract budget amount for FY 2012B (June 1, 2012 to December 2012) will be \$133,500.00. The total budget amount will be distributed among the three (3) consultants. The amount per consultant will depend upon which is selected as the "most qualified" to perform the associated work for a particular project. As such, while the entire budgeted amount is being authorized to possibly be spent with any one of the three (3) consultants, it is probable that the total budgeted amount will be expended with all three (3) consultants. The total expenditures among the three (3) consultants will not exceed the authorized budget of \$133,500. Anticipated Capital Improvement Projects in FY 2012B involving geotechnical engineering, construction material testing or environmental services are listed below.

	Project	Type of Work	Anticipated Budget
1	Roosevelt Road	Geotechnical Engineering & Environmental Services	\$40,000.00
2	Finley Road – Phase 1	Construction Material Testing	\$40,000.00
3	Garfield Street – Public Works Facility	Construction Material Testing	\$15,000.00
4	Lift Station Improvements – Phase 2	Construction Material Testing	\$ 5,000.00
5	Westmore-Meyers Road CDBG Sidewalk	Construction Material Testing	\$ 3,000.00
6	Maple Street Road Maintenance	Construction Material Testing	\$ 5,500.00
7	Concrete Rehabilitation and Utility Cuts Patching	Construction Material Testing	\$10,000.00
8	Asphalt Paving and Patching	Construction Material Testing	\$10,000.00
9	Curb and Sidewalk Replacement	Construction Material Testing	\$ 5,000.00
Total			\$133,500.00

The proposed contracts and fee schedules for FY 2012B are attached. The fee schedule will apply to any job awarded after June 1, 2012. Any job that started in FY 2012 will retain the fee schedule for that respective contract year. The new contract and fee schedule will be effective for not only FY2012B but also FY 2013. This is in response to the Village changing its' current fiscal year (June 1 to May 31) to a fiscal year that corresponds to the calendar year (FY 2013). Each consultant agreed to submit a 19 month fee schedule. Public Works-Engineering will request the budget for FY 2013 at one of board meetings in either December or January.

Please present this item to the President and the Board of Trustees for their review and approval at the next regular meeting on May 17, 2012. Upon approval, please return all paperwork to the Engineering Division for further processing.

RESOLUTION

R _____

**A RESOLUTION AUTHORIZING AN AGREEMENT FOR
GEOTECHNICAL ENGINEERING, CONSTRUCTION MATERIAL TESTING
AND ENVIRONMENTAL SERVICES CONTRACT**

WHEREAS, the Corporate Authorities of the Village of Lombard have received a proposed Agreement between the Village of Lombard and Seeco Consultants, Inc. regarding the Geotechnical Engineering, Construction Material Testing and Environmental Services Contract as attached hereto, marked Exhibit "A" and made part hereof (the "Agreement"); and

WHEREAS, the Corporate Authorities deem it to be in the best interests of the Village of Lombard to approve said Agreement;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

SECTION 1: That the Agreement attached hereto as Exhibit "A" is hereby approved.

SECTION 2: That the Village President and the Village Clerk be and hereby are authorized and directed to execute the Agreement attached hereto as Exhibit "A", as well as any and all other documents necessary to carry out the provisions of said Agreement.

Adopted this 17th day of May, 2012, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 17th day of May, 2012.

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk

R E S O L U T I O N
R _____

**A RESOLUTION AUTHORIZING AN AGREEMENT FOR
GEOTECHNICAL ENGINEERING, CONSTRUCTION MATERIAL TESTING
AND ENVIRONMENTAL SERVICES CONTRACT**

WHEREAS, the Corporate Authorities of the Village of Lombard have received a proposed Agreement between the Village of Lombard and Terracon Consultants, Inc. regarding the Geotechnical Engineering, Construction Material Testing and Environmental Services Contract as attached hereto, marked Exhibit "A" and made part hereof (the "Agreement"); and

WHEREAS, the Corporate Authorities deem it to be in the best interests of the Village of Lombard to approve said Agreement;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS as follows:

SECTION 1: That the Agreement attached hereto as Exhibit "A" is hereby approved.

SECTION 2: That the Village President and the Village Clerk be and hereby are authorized and directed to execute the Agreement attached hereto as Exhibit "A", as well as any and all other documents necessary to carry out the provisions of said Agreement.

Adopted this 17th day of May, 2012, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 17th day of May, 2012.

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk

RESOLUTION

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GEOTECHNICAL ENGINEERING, CONSTRUCTION MATERIAL TESTING
AND ENVIRONMENTAL SERVICES CONTRACT**

WHEREAS, the Corporate Authorities of the Village of Lombard have received a proposed Agreement between the Village of Lombard and Testing Service Corporation, regarding the Geotechnical Engineering, Construction Material Testing and Environmental Services Contract as attached hereto, marked Exhibit "A" and made part hereof (the "Agreement"); and

WHEREAS, the Corporate Authorities deem it to be in the best interests of the Village of Lombard to approve said Agreement;

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLNOIS as follows:

SECTION 1: That the Agreement attached hereto as Exhibit "A" is hereby approved.

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Adopted this 17th day of May, 2012, pursuant to a roll call vote as follows:

Ayes: _____

Nays: _____

Absent: _____

Approved by me this 17th day of May, 2012.

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk

**VILLAGE OF LOMBARD
CONTRACT**

CONTRACT DOCUMENT NUMBER M-12-01

This agreement is made this 7th day of May 2012, between and shall be binding upon the Village of Lombard, an Illinois Municipal Corporation hereinafter referred to as the "VILLAGE" and Seeco Consultants Inc. hereinafter referred to as the "ENGINEER" and its successors.

Witnessed, that in consideration of the mutual promises of the parties delineated in the contract documents, the ENGINEER agrees to perform the services and the VILLAGE agrees to pay for the following services as set forth in the contract documents:

Geotechnical Engineering, Construction Material Testing and Environmental Services

1. This contract shall embrace and include all of the applicable contract documents listed below as if attached hereto or repeated herein:

(a) Geotechnical Engineering, Construction Material Testing and Environmental Services Request for Proposal consisting of the following:

- i) Cover Sheet
- ii) Table of Contents
- iii) General Provisions
- iv) Special Provisions
- v) Request for Proposal dated January 7, 2011
- vi) Addendum #1, dated February 11, 2011
- vii) ENGINEER's Proposal dated February 18, 2011

(b) Required Certificates and Signatures and Certificate of Insurance

(c) ENGINEER's Fee Schedule effective from June 1, 2012 to December 31, 2013

2. The VILLAGE agrees to pay, and the ENGINEER agrees to accept as full payment for the services, which are the subject matter of this contract in accordance with the General Provisions.

3. This Contract represents the entire agreement between the parties and may not be modified without the written approval of both parties.

IN WITNESS WHEREOF, the Village of Lombard, Illinois by William J. Mueller, Village President, and the ENGINEER have hereunto set their hands this 7th day of May 2012

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this _____ day of _____, 2012.

Individual or Partnership _____ Corporation _____

By Position/Title

By Position/Title

SEECO CONSULTANTS, INC.

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this _____ day of _____, 2012.

William J. Mueller, Village President

Attest:

Brigitte O'Brien, Village Clerk

**VILLAGE OF LOMBARD
ENGINEER'S CERTIFICATION**

_____, having been first duly sworn depose and states as follows:
(Officer or Owner of Company)

Seeco Consultants, Inc., having submitted a proposal for:

Geotechnical Engineering, Construction Material Testing and Environmental Services

Contract to the Village of Lombard, hereby certifies that said ENGINEER:

1. has a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105(A) (4).
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:
 - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the approve Revenue Act; or
 - b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.
3. is in full compliance with the Federal Highway Administration Rules on Controlled Substances and Alcohol Use and Testing, 49 CFR Parts 40 and 382 and that

(Name of employee/driver or "all employee drivers")

is/are currently participating in a drug and alcohol testing program pursuant to the
aforementioned rules.

By:

Authorized Agent of ENGINEER

Subscribed and sworn to
before me this _____
day of _____, 2012.

Notary Public

**VILLAGE OF LOMBARD
CONTRACT**

CONTRACT DOCUMENT NUMBER M-12-01

This agreement is made this 7th day of May 2012, between and shall be binding upon the Village of Lombard, an Illinois Municipal Corporation hereinafter referred to as the "VILLAGE" and Terracon Consultants Inc. hereinafter referred to as the "ENGINEER" and its successors.

Witnessed, that in consideration of the mutual promises of the parties delineated in the contract documents, the ENGINEER agrees to perform the services and the VILLAGE agrees to pay for the following services as set forth in the contract documents:

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- vii) ENGINEER's Proposal dated February 18, 2011

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(c) ENGINEER's Fee Schedule effective from June 1, 2012 to December 21, 2013

2. The VILLAGE agrees to pay, and the ENGINEER agrees to accept as full payment for the services, which are the subject matter of this contract in accordance with the General Provisions.

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IN WITNESS WHEREOF, the Village of Lombard, Illinois by William J. Mueller, Village President, and the ENGINEER have hereunto set their hands this 7th day of May 2012

If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this _____ day of _____, 2012.

Individual or Partnership _____ Corporation _____

By _____ Position/Title _____

By _____ Position/Title _____

TERRACON CONSULTANTS, INC.

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this _____ day of _____, 2012.

William J. Mueller, Village President

Attest:

Brigitte O'Brien, Village Clerk

**VILLAGE OF LOMBARD
ENGINEER'S CERTIFICATION**

_____, having been first duly sworn depose and states as follows:
(Officer or Owner of Company)

Terracon Consultants, Inc., having submitted a proposal for:

Geotechnical Engineering, Construction Material Testing and Environmental Services

Contract to the Village of Lombard, hereby certifies that said ENGINEER:

1. has a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105(A) (4).
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:
 - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the approve Revenue Act; or
 - b. it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.
3. is in full compliance with the Federal Highway Administration Rules on Controlled Substances and Alcohol Use and Testing, 49 CFR Parts 40 and 382 and that

(Name of employee/driver or "all employee drivers")
is/are currently participating in a drug and alcohol testing program pursuant to the
aforementioned rules.

By:

Authorized Agent of ENGINEER

Subscribed and sworn to
before me this _____
day of _____, 2012.

Notary Public

**VILLAGE OF LOMBARD
CONTRACT**

CONTRACT DOCUMENT NUMBER M-12-01

This agreement is made this 7th day of May 2012, between and shall be binding upon the Village of Lombard, an Illinois Municipal Corporation hereinafter referred to as the "VILLAGE" and Testing Service Corporation hereinafter referred to as the "ENGINEER" and its successors.

Witnessed, that in consideration of the mutual promises of the parties delineated in the contract documents, the ENGINEER agrees to perform the services and the VILLAGE agrees to pay for the following services as set forth in the contract documents:

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If an individual or partnership, all individual names of each partner shall be signed or if a corporation, an officer duly authorized shall sign here:

Accepted this _____ day of _____, 2012.

Individual or Partnership _____ Corporation _____

By Position/Title

By Position/Title

TESTING SERVICE CORPORATION

THE VILLAGE OF LOMBARD, ILLINOIS

Accepted this _____ day of _____, 2012.

William J. Mueller, Village President

Attest:

Brigitte O'Brien, Village Clerk

**VILLAGE OF LOMBARD
ENGINEER'S CERTIFICATION**

_____, having been first duly sworn depose and states as follows:
(Officer or Owner of Company)

Testing Service Corporation, having submitted a proposal for:
Geotechnical Engineering, Construction Material Testing and Environmental Services
Contract to the Village of Lombard, hereby certifies that said ENGINEER:

1. has a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105(A) (4).
2. is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, or if it is:
 - a. it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the approve Revenue Act; or
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(Name of employee/driver or "all employee drivers")
is/are currently participating in a drug and alcohol testing program pursuant to the
aforementioned rules.

By:

Authorized Agent of ENGINEER

Subscribed and sworn to
before me this _____
day of _____, 2012.

Notary Public

Construction Monitoring &
Observations
Construction Materials Testing
Tunnels and Underground Openings
Geotechnical Engineering &
Evaluation

SEECO Consultants Inc.
CONSULTING ENGINEERS

Subsurface Explorations
Foundation Analysis & Design
Structural Rehabilitation
Condition Surveys
Dams and Drainage Studies

May 7, 2012

Mr. Ray Schwab
Village of Lombard
Public Works Building
1051 Hammerschmidt Avenue
Lombard, Illinois 60148-3926

RE: Contract M-12-01

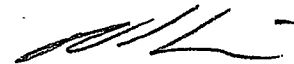
Dear Mr. Schwab:

Enclosed herewith are two (2) copies of SEECO Consultants, Inc.'s Schedule of Fees for June 1, 2012 through December 31, 2013.

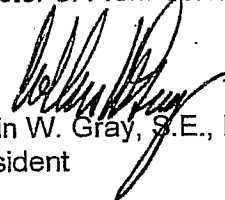
We appreciate the opportunity to continue working with the Village.

Respectfully submitted,

SEECO Consultants, Inc.



Donald C. Cassier
Director of Field Services



Collin W. Gray, S.E., P.E.
President

DCC
Attachments:
Schedule of Fees

SEECO Consultants Inc.
SCHEDULE OF FEES – June 1, 2012 Through December 31, 2013

Village of Lombard-Contract M-12-01

<u>DESCRIPTION</u>	<u>UNIT</u>	<u>UNIT PRICE</u>
PROFESSIONAL PERSONNEL SERVICE		
Chief Engineer	Hour	\$170.00
Principal Engineer	Hour	\$170.00
Senior Geotech/Materials Engineer	Hour	\$140.00
Project Materials/Geotech Engineer	Hour	\$125.00
Project Environmental Engineer	Hour	\$125.00
Staff Engineer	Hour	\$110.00
Field Engineer	Hour	\$110.00
Environmental Geologist	Hour	\$ 99.00
TECHNICAL AND SUPPORT PROFESSIONAL SERVICES		
Lab/Engineer Technician	Hour	\$ 99.00
Senior Technician-IDOT Level 1 or 2	Hour	\$106.00
QA Manager/IDOT Level 3	Hour	\$120.00
Draftsman/CAD Operator	Hour	\$ 92.00
Secretary	Hour	\$ 59.00
Pickup of Samples	Hour	\$ 90.00
REPRODUCTION COSTS		
Photocopies	Each	Included
Bluelines	Each.	\$ 4.00
Paper Sepias, 24" x 36"	Each	\$ 6.00
Reproducibles on Mylar, 24" x 36"	Each	\$ 10.00
DRILLING, SAMPLING, AND CORING		
Mobilization/Demobilization of Truck Mounted Rotary Rig, Tools and Two Man Drilling Crew Per Rig	Job	\$425.00
Hollow Flight Auger Boring, Solid Stem Auger or Roller Bit with Split Spoon Sampling at 2.5 Foot Intervals to Ten Feet; Five Feet Thereafter:		
0-50 Foot Depth	Lin. Ft.	\$ 28.50
50-100 Foot Depth	Lin. Ft.	\$ 34.00
Shelby Tube Samples, 2" O.D.	Each	\$ 50.00
Shelby Tube Samples, 3" O.D.	Each	\$ 55.00
(Minimum Project Drilling Charge - \$2,100.00)		
Bag Samples at Specified Depth, for Proctor Test	Each	\$ 52.00
Rock Coring – Set Up	Each	\$230.00
NX Size Coring	Lin Ft.	\$ 68.00
Photoionization Detector	Day	\$ 80.00
2 Man Drill Crew-Specialized Tasks	Hour	\$325.00

LABORATORY TESTING (SOILS)		
Visual Classification, Including Pocket Penetrometer Readings	Each	\$ 6.00
Moisture Content Determination (ASTM D 2216)	Each	\$ 6.50
Sieve Analysis, Dry, 7 Sieves	Each	\$ 95.00
Sieve Analysis, Washed, 7 Sieves	Each	\$110.00
Combined Hydrometer and Sieve Analysis (ASTM D 422)	Each	\$175.00
Atterberg Limits, LL, PL (ASTM D 423, 424)	Each	\$ 90.00
Specific Gravity Determination (ASTM D 854)	Each	\$ 63.00
Nuclear Moisture/Density Gauge	Day	\$ 64.00
Standard Proctor Compaction (ASTM D 698)	Each	\$180.00
Modified Proctor Compaction (ASTM D 1557)	Each	\$190.00
Illinois Bearing Ratio Test, Including Proctor Density	Each	\$495.00
Density Determination, Including Moisture Content Test	Each	\$ 25.00
LABORATORY TESTING (CONCRETE AND ASPHALT)		
Concrete Mix Design, Per Mix (Review)	Each	\$315.00
Concrete Aggregate Test:		
Fine Aggregate Sieve Analysis	Each	\$110.00
Coarse Aggregate Sieve Analysis	Each	\$110.00
Fine Aggregate – Specific Gravity and Absorption	Each	\$137.00
Coarse Aggregate – Specific Gravity and Absorption	Each	\$137.00
Concrete Cylinder Test	Each	\$ 20.00
Reflux Extraction Test	Each	\$160.00
Marshall Stability Test	Each	\$245.00
Gyratory Compaction Test	Each	\$380.00

Laboratory Testing (Environmental) project specific quotes obtained on a project by project basis since environmental laboratory charges are based on quantity and schedule. This approach will offer the Village the best costs. Subcontracted services will be invoiced at cost.

Overtime rates of 1.3 times the standard rate are applicable for hours in excess of eight per day and 1.5 times the standard rate for weekends and holidays. Four (4) hour minimum charge for field personnel. Sample pickups at technician rate with no minimum time charge.



May 7, 2012

Village of Lombard
1051 S. Hammerschmidt Avenue
Lombard, Illinois 60148

ATTN: Mr. Ray Schwab

**RE: 2012-2013 Schedule of Services and Fees for Geotechnical Engineering,
Construction Material Testing and Environmental Services
Village of Lombard
Contract Document No.: M-12-01
Terracon Proposal No.: P11110037**

Dear Mr. Schwab:

Per your request, Terracon is pleased to provide the attached fee schedules for work on the above referenced contract. We understand that this fee schedule will be in effect until the end of 2013.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding the attached fee schedules, or require additional information, please contact me. Thank you!

Sincerely,
Terracon Consultants Inc.

Matthew E. Ribordy, P.E.
Office Manager/Principal

Attachments: 2012-2013 Terracon Schedule of Services and Fees

Terracon Consultants, Inc. 135 Ambassador Drive Naperville, Illinois 60540
P [630] 717 4263 F [630] 357 9489 terracon.com

Geotechnical



Environmental



Construction Materials



Facilities

Terracon

2012-2013 SCHEDULE OF SERVICES AND FEES

Personnel

Senior Principal/Program Manager, per hour	\$ 165.00
Principal, per hour.....	\$ 155.00
Senior Project Manager, P.E. per hour	\$ 140.00
Project Manager, per hour.....	\$ 110.00
Staff Engineer, per hour.....	\$ 90.00
Staff Scientist, per hour	\$ 80.00
Environmental Technician, per hour.....	\$ 70.00
Draftsperson/CAD Operator, per hour.....	\$ 70.00
Laboratory Technician, per hour.....	\$ 60.00
Administrative Assistant, per hour	\$ 45.00
Union Engineering Technician (Material Tester II Classification), per hour	\$ 99.00
Union Engineering Technician (Material Tester I Classification), per hour	\$ 92.00

Transportation/Equipment

Vehicle Charge, per trip.....	\$ 25.00
Cylinder Pick Up, per trip.....	\$ 100.00
Nuclear Density Gauge, per day	\$ 35.00

Minimum Charge • Overtime Rates • Expert Testimony

A four (4) hour minimum charge for Union Engineering Technician personnel and equipment is applicable to all trips made for the performance of testing, inspection or consulting services. The minimum charge is not applicable for trips to the project site for sample pick up only. All labor, equipment and transportation charges are billed on a portal to portal basis from our Naperville, IL office.

Overtime rates of 1.35 times the quoted hourly rate will be applicable to any hours worked outside of our normal office hours of 7:00 AM to 5:00 PM Monday through Friday, Saturdays, or over eight (8) hours per day. Work on Sunday or Holidays will be charged at 1.75 times the quoted hourly rate.

Geotechnical Field Services

Truck Mounted Mobilization, local	\$425.00
ATV Mounted Mobilization, local	\$475.00
<u>Standard Split Spoon Sampling (SPT @2.5' intervals to 10', 5' thereafter)</u>	
Depth, per ft. (0-25)	\$ 17.50
Depth, per ft. (25-50)	\$ 19.50
Depth, per ft. (50-75)	\$ 21.50
Depth, per ft. (75-100)	\$ 23.50
Continuous Soil Sampling, per ft. (0-25).....	\$ 21.00
<u>Rock Core Drilling</u>	
Set-Up Charge, per boring	\$200.00
NQ Size Rock Coring, short runs from 0 to 20 feet, per ft.	\$ 45.00
Cardboard Core Boxes, per box.....	\$ 15.00
Minimum Drill Fee	\$2,200.00
Stand-By/Clean-Up/Client Delay, per hr.	\$325.00
ATV Drill Usage, per day	\$175.00
Borehole Grouting with Bentonite Chips, per ft.	\$ 4.00
3" Diameter Shelby Tube Samples, each.....	\$ 40.00

Concrete Tests

Cylinder Compression Test (ASTM C-39), each.....	\$ 16.00
Beam Flexural Test (ASTM C-293 or C-78), each.....	\$ 45.00
Cube Compression Test (ASTM C-109), each.....	\$ 25.00
Windsor probes, per set of 3 (Technician time charged separately) (ASTM C-305)	\$ 100.00
Calcium Chloride Kit – floor slab vapor transmission, each	\$ 40.00
Engius IntelliRock II concrete maturity logger, each	\$ 65.00

Masonry Tests

Cement mortar mix verification (ASTM C-305), each.....	\$ 150.00
Compressive strength CMU block (ASTM C-140), each.....	\$ 75.00
CMU block absorption only (ASTM C-140), each.....	\$ 50.00
Compressive strength masonry prism (ASTM C-1314)	
CMU prism up to 8 (in.) width, Hollow Cells, each.....	\$ 100.00
CMU prism up to 8 (in.) width, Grout Filled Cells, each	\$ 125.00
Brick prism up to 4 (in.) width, each	\$ 75.00
Compressive strength of grout prism (ASTM C-1019), each.....	\$ 50.00
Compressive strength mortar cube (ASTM C-109), each.....	\$ 25.00

Aggregate Tests

Sieve Analysis, dry (ASTM C-136), each	\$ 75.00
Sieve Analysis (ASTM C-117), each.....	\$ 95.00
Sieve Analysis w/ -200 (ASTM C-136 & C-117), each	\$ 125.00
Unit Weight (ASTM C-29), each.....	\$ 30.00
Specific Gravity/Absorption (ASTM C-127 or C-128), each.....	\$ 100.00
Organic Impurities (ASTM C-40), each	\$ 50.00
L.A. Abrasion (ASTM C-131 or C-535), each.....	\$ 200.00
Sulfate Soundness, 5 cycles (ASTM C-88), each	\$ 325.00
Additional cycles, each.....	\$ 200.00
Sample prep if uncrushed	\$ 25.00

Soils Laboratory Tests

Classification

Moisture Content and visual classification, each.....	\$ 10.00
Combined Moisture Content and Dry Unit Weight, each.....	\$ 20.00
Atterberg Limits (ASTM D-4318 Method A), each	\$ 75.00
Combined Hydrometer and Sieve Analysis, each.....	\$ 175.00
Organic Content Test, each.....	\$ 50.00

Compaction

Optimum moisture / maximum density relations (proctors)	
ASTM D-698, each	\$ 160.00
ASTM D-1557, each	\$ 190.00
Relative density (ASTM D-4254), each.....	\$ 350.00
Sample preparation (if required), each	\$ 25.00

Strength and Consolidation

California Bearing Ratio (CBR) (ASTM D-1883), each	\$ 300.00
Unconfined Compressive Strength of Tube Sample, each	\$ 45.00
Unconfined Compression, rock, each	\$ 50.00
Triaxial Compression with Pore Pressure Measurements, each point	\$ 700.00
One Dimensional Consolidation w/ plotted Time Curves, each	\$ 750.00

Asphaltic Concrete Services

Compaction of Bituminous Mixture by Gyratory and Bulk Specific Gravity Test, set of 2	\$ 200.00
Maximum theoretical density (ASTM D-2041), each	\$ 120.00
Bulk Density of Core Specimens, each.....	\$ 40.00
Asphalt Content and Gradation (Extraction), each.....	\$ 215.00

Environmental Field Equipment

Development Pump (per day)	\$ 40.00
Disposable Bailer (each).....	\$ 20.00
GEM 2000 Gas Analyzer & Extraction Monitor (per day)	\$ 200.00
Hand Auger (per day)	\$ 25.00
Handheld GPS Instrumentation (per day).....	\$ 45.00
High Flow Air Pump (per day).....	\$ 25.00
IAQ Instrumentation (QTRAK, Moisture Meter) (per day)	\$ 75.00
Interface Probe (per day)	\$ 85.00
Low Flow Air Pump (per day).....	\$ 25.00
Low Flow Sampling Cell (includes YSI/Horiba & flow cell)	\$ 150.00
Low-Flow Bladder Pump (per day)	\$ 100.00
Peristaltic Pump (per day)	\$ 50.00
pH/Conductivity/Temperature Meter (per day)	\$ 50.00
PID Meter (per day).....	\$ 110.00
Sample Kit (per boring)	\$ 35.00
Sample Kit (per well)	\$ 50.00
Submersible Purge Pump (per day)	\$ 175.00
Water Level Indicator (per day)	\$ 35.00
XRF Meter (per day).....	\$ 275.00

Environmental Analytical Tests

Asbestos PLM Bulk Sample (3 day TAT per sample).....	\$ 10.50
Asbestos PCM Air Sample (1 day TAT per sample).....	\$ 21.00
Lead Sample – chip, wipe, air (3 day TAT per sample)	\$ 15.00
Mold Spore Trap Air Sample (3 day TAT per sample).....	\$ 50.00
Mold Surface Sample (3 day TAT per sample)	\$ 45.00
Volatile Organic Compounds (7 day TAT, per sample).....	\$ 150.00
Semi Volatile Organic Compounds (7 day TAT, per sample).....	\$ 225.00
BTEX w/ MTBE (7 day TAT, per sample)	\$ 65.00
Polynuclear Aromatic Hydrocarbons (7 day TAT, per sample)	\$ 115.00
RCRA Metals (7 day TAT, per sample)	\$ 95.00
Polychlorinated Biphenyls (7 day TAT, per sample)	\$ 100.00

General Comments

Tests not listed can be quoted on request.

Engineering consultation and evaluation in connection with any laboratory testing service will be charged at the appropriate rate.

Materials samples should be submitted in a form that complies with applicable requirements.

Special supplies, permits, equipment, associated drilling, sampling, field testing, surveyors or other support services will be billed at cost.

All rented equipment and outside services not identified in the fee schedule will be billed at cost.

2011 STAFF FEE TABLE
Village of Lombard Contract M-12-01
(Year 2 and 1/2 year Extension)
Expires December 31, 2013

Included are staff rates for all anticipated personnel for the contract. A few items related to the Fee Schedule 2012 deserve clarification.

Engineering/Report Preparation Time: For geotechnical/drilling reports, anticipated charges for engineering services are clearly spelled in project specific proposals when requested. For CME services, engineering charges for summary report preparation are assessed at the Project Engineer's hourly rate, as stated in the Fee Schedule. Typically, these charges for engineering report preparation represent an additional 2-4% (dollar value) above the hourly technician rates. Reasonable incidental engineering contacts such as phone calls, occasional site visits and special attention to project details usually are not invoiced but rather are considered part of the overall project scope.

Incidental Items: Such items as secretarial services, drafts person and computer time are generally considered incidental to overhead in production CME services/reports. These are shown as line items on the Fee Schedule only for special projects and some Geotechnical Reports which require extensive use of such services.

STAFF	UNIT	RATE
Principal Engineer	Hour	170.00
Structural Engineer (S.E.)	Hour	155.00
Senior Professional Engineer (P.E.)	Hour	130.00
Project Engineer (E.I. or P.E.)	Hour	110.00
QA Manager (EI or PE)	Hour	100.00

CME - FIELD & PLANT (QC/QA Inspectors)	UNIT	RATE
Material Tester I (Site Inspector of PCC & HMA)	Hour *	109.50
Material Tester II (Plant Inspector & Soils Inspector)	Hour *	112.50

*The time is portal-to-portal from the Carol Stream office. Increase hourly rate by 1.3 for over 8.0 hours per day, Saturday and/or Sunday work. Holiday work is 1.5 times standard rate. The minimum daily charge is four (4) hours for 0-4 hours. Work cancelled on the scheduled day will be a 4 hour charge. Includes secretary/computer time and 3 copies of final report. Engineering services for summary report preparation are invoiced at the Project Engineer's Hourly Rate.

GEOTECHNICAL FIELD/OTHER SUPPORT	UNIT	RATE
One Person Survey Crew	Hour	90.00
Two Person Survey Crew	Hour	147.50
One Person Coring Crew with Van	Hour	150.00
Two Person Coring Crew with Core Van	Hour	280.00
Flagperson/Traffic Control*	Hour	90.00
Secretary	Hour	56.50
Laboratory Supervisor	Hour	80.00

*this work will be performed by a subconsultant and billed at cost.

EQUIPMENT, LABORATORY & DRILLING FEE TABLE

DRILLING FEES

GEOTECHNICAL - FIELD	RATE	UNIT
Truck Mounted Drill Mobilization	450.00	Each
All-Terrain Vehicle (ATV) Mobilization	600.00	Each
Advance Bore Holes by Solid Auger, Hollowstem or Rotary 0-25'	17.50	Lineal ft.*
Advance Bore Holes by Solid Auger, Hollowstem or Rotary 25'- 50'	23.50	Lineal ft.*
Obtain Soil Samples by Split Spoon Method (ASTM D 1586-84)	24.00	Each
Obtain Soil Samples by Auger Methods	13.50	Each
Surcharge for Drilling with an ATV unit	2.45	Lineal Ft.
Rock Coring (NX)	50.00	Lineal Ft.
Rock Coring Setup	400.00	Each
Coring of Asphalt (4" D Core) - Diamond Bit Replacement	2.60	Inch
Coring of Concrete (4" D Core) - Diamond Bit Replacement	3.75	Inch
Coring of Reinforced Concrete (4" D Core) - Diamond Bit Replacement	3.75	Inch

*Assumes Normal drilling (Less than 60 blows per foot). Add 15% for hard drilling (More than 60 blows per foot).

LABORATORY FEES

COMPACTION	RATE	UNIT
Illinois or California Bearing Ratio (IBR/CBR)	185.00	Each
Illinois or California Bearing with supporting tests	475.00	Each
Standard Proctor 4" mold (ASTM D-698)	165.00	Each
Modified Proctor 4" mold (ASTM D-1557)	175.00	Each
SOILS		
Visual Classification, Includes QP (ASTM D-653,2487,2488)	4.00	Each
Moisture Content (ASTM D-2216)	6.25	Each
Unit Weight (ASTM D-2937)	6.50	Each
Unconfined Compressive Strength Qu (ASTM D-2166)	12.00	Each
Index Testing of Thin-Walled Tube/Jar (visual, moisture, unit weight, Qu)	27.00	Each
Sieve Analysis with #200 Wash	85.00	Each
Sieve Analysis with Hydrometer	140.00	Each
Liquid and Plastic Limits, Plasticity Index Atterberg Limits (ASTM D-4318)	72.50	Each
Organic Test - Loss on Ignition	42.50	Each
Organic Test - Wet Combustion (IDOT)	75.00	Each
Permeability: Constant Head ASTM D-2435	185.00	Each
Triaxial Method IEPA & ASTM D-5084	325.00	Each
Test for Corrosive Soils(ductile Iron Pipe Research Institute): Moisture Determination	6.25	Each
Sulfide Determination	38.50	Each
Resistivity	38.50	Each
Oxidation-Reduction Potential	38.50	Each
Ph	38.50	Each
Complete Set	29.00	Each
	135.00	Each

AGGREGATES	RATE	UNIT
Sieve Analysis - including finer than #200 (fine & coarse)	80.00	Each
Specific Gravity & Absorption-Coarse (combined)	120.00	Each.
PCC AND MORTAR		
Concrete Cylinders (includes plastic Mold):		
Compressive Strength (ASTM C-39)	16.25	Each
Spare/Handling Charge	16.25	Each
Concrete Cores-Compressive Strength with Length Measurement	42.00	Each
Density Measurement	21.00	Each
BITUMINOUS		
Extraction for Asphalt with Sieve Analysis:		
Unwashed Sieve Analysis	195.00	Each
Washed Sieve Analysis	215.00	Each
Asphalt content only	150.00	Each
Stability, Flow and Bulk Density (550) - Marshall (Astm D-1559):		
Set of 3 Specimens	190.00	Each
With Percent Voids and Theoretical Maximum Density	265.00	Each
Bulk Density of Core Specimens (ASTM D-2726)	40.00	Each
Maximum Specific Gravity of Asphaltic Mix-Vacuum Pycnometer Method	90.00	Each
Compaction of Bituminous Mixture by Gyratory Methods and Bulk Specific Gravity Test	185.00	Set of Two
Theoretical Maximum Specific Gravity of Paving Mixture	90.00	Each
Calibration of Ignition Oven for Asphalt Content by IDOT Methods	650.00	Each
Determination of Asphalt Content by Ignition Oven	100.00	Each
Determination of Asphalt Content by Ignition Oven- with Washed Gradation	175.00	Each

EQUIPMENT FEES

EQUIPMENT	RATE	UNIT
Cone Penetrometer	N/C	Day
Nuclear Moisture/Density Gauge	N/C	Day
MISCELLANEOUS		
Mileage - light Vehicle	0.60	Mile
Sample Pick-up Services	60.00	Trip

ENVIRONMENTAL ENGINEERING FEE SCHEDULE SERVICES

STAFF	UNIT	RATE
Department Manager	Hour	150.00
Section Manager	Hour	120.00
Geologist/Environmental Scientist	Hour	100.00
Environmental Specialist	Hour	85.00

EQUIPMENT	UNIT	RATE
Photoionization Detector	Day	100.00

ANALYTICAL TESTING	UNIT	RATE
Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)	Per Sample	60.00
Polynuclear Aromatic Hydrocarbons (PNAs)	Per Sample	150.00
Metals RCRA (8)	Per Sample	126.00
Volatile Organic Compounds (VOCs)	Per Sample	180.00
Asbestos	Per Sample	12.50
Preservation for BTEX/VOCS (soil Samples)	Per Sample	16.00

IEPA FORM LPC-663, UNCONTAMINATED SOIL CERTIFICATION	UNIT	RATE
VOCs, PNAs, Lead and pH - Standard 5 to 7 Day Turnaround	Each	394.00
Surcharge for 3-Day Turnaround	Each	394.00
Supplemental Analytical Testing if Required Job Specific	Each	Job Specific
Environmental Data Review, Project Management, Prepare Summary Report with Form LPC-663 signed by PE if uncontaminated	Lump Sum	500.00
Senior Engineer to Consult or Attend Project Meeting	Hour	150.00
Geologist/Environmental Specialist	Hour	100.00

Direct expenses will be charged at cost.