

**DISTRICTS - ALL**

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

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, AICP, Village Manager

**DATE:** May 28, 2008 (COW) (B of T) **Date:** June 5, 2008

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

**SUBMITTED BY:** David A. Dratmol, P.E. Village Engineer *MP*

**BACKGROUND/POLICY IMPLICATIONS:**

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

**FISCAL IMPACT/FUNDING SOURCE:**

P. O. 057738 Secco (increase \$100,000 to \$175,000 total)

P. O. 057739 TSC (increase \$75,000 to \$160,000 total)

Various Project Funds

Review (as necessary):

Village Attorney X

Finance Director X

Village Manager X

_____	Date
_____	Date
_____	Date 5/26/08

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, AICP, Village Manager  
 Through: David P. Gorman, P.E., Acting Director of Public Works  
 From: David A. Dratmol, P.E., Village Engineer  
 Date: May 28, 2008  
 Subject: Geotechnical Engineering, Construction Material Testing and Environmental Services Contract



Testing Services Corporation (TSC) of Carol Stream and Seeco Consultants (Seecco) of Tinley Park 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 one more year. 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 2008 and FY 2009 will be \$160,000 for TSC (an increase of \$75,000 to account for FY 2009 work) and \$175,000 for Seecco (an increase of \$100,000 to account for FY 2009 work). Capital Improvement Projects in FY 2009 involving geotechnical engineering, construction material testing or environmental services are listed below.

Project	
1	Special Assessment 217A (Marcus, Joyce & Lalonde)
2	Olde Towne – East, Phase III (Charlotte, Grove & Garfield)
3	Main Street STP
4	Main Street Access Improvements
5	Main Street Lighting, Phase I (Roosevelt to Maple)
6	South Booster Transmission Main
7	South Booster Station
8	101 S. Main Street Remediation
9	In-House Asphalt Paving Program
10	Asphalt Patching and Paving Program
11	Concrete Rehab and Utility Cuts Patching Program
12	Village Complex Paving Project
13	Great Western Trail Bridges

There are known environmental issues at the intersection of Martha Street and St. Charles Road, 101 S. Main Street and potentially on the Main Street STP project. The current budget accounts for anticipated remediation; however, if conditions vary significantly or any other unforeseen environmental or subsurface investigative issues arise, an amendment to one or both firms' budgets may be necessary. If this proves to be the case, a future contract amendment could be brought to the Board of Trustees.

The proposed fee schedules for FY 09 are attached. Note that the fee schedules include significant wage increases to members of Local 150 (drillers & testers).

Please present this item to the President and the Board of Trustees for their review and approval at the next regular meeting on June 5, 2008. Upon approval, please return all paperwork to the Engineering Division for further processing.



**RESOLUTION**  
R \_\_\_\_\_  
09

**A RESOLUTION AUTHORIZING  
AMENDMENT OF A PROFESSIONAL  
SERVICES CONTRACT**

**WHEREAS**, the Board of Trustees of the Village of Lombard on April 5, 2007 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and Seeco Consultants; which was amended on January 17, 2008 and

**WHEREAS**, an amendment to said contract is required to legally bind the parties; and

**WHEREAS**, Illinois law exempts professional engineering contracts from the requirements of Illinois Compiled Statutes, Chapter 720, Section 5/33E-9 regarding preparation of change orders.

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 President and Village Clerk are hereby directed and authorized to execute an amendment to the contract with Seeco Consultants substantially in the form and manner of Exhibit "A" attached hereto and made a part hereof.

Adopted this 5th day of June 2008.

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved 5th day of June 2008.

ATTEST:

William J. Mueller  
Village President

Brigitte O'Brien  
Village Clerk

APPROVAL AS TO FORM:

Thomas R. Bayer  
Village Attorney



**AGREEMENT TO AMEND A CONTRACT**

**THIS AGREEMENT** made and entered into 5th day of June 2008, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **SECO CONSULTANTS** (the "CONSULTANT").

**WHEREAS**, on April 5, 2007 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Geotechnical Engineering, Construction material Testing and Environmental Services contract; and

**WHEREAS**, the VILLAGE and CONSULTANT have agreed to increase the amount of work to be performed by the CONSULTANT together with a resultant increase in the limit which the contract sum may not exceed;

**NOW, THEREFORE**, for and in consideration of the foregoing and various covenants in said agreement and the mutual covenants herein contained, it is agreed by and between the parties as follows:

**SECTION 1:** The aforementioned contract shall be amended to expand the scope of work as provided for in the CONSULTANT'S May 20, 2008 letter.

**SECTION 2:** The aforementioned contract shall be amended to show a contract sum not to exceed \$175,000 for Fiscal Year 2008 & 2009.

**SECTION 3:** All other terms, covenants and conditions of said contract heretofore executed which are not amended or deleted herein shall remain in full force and effect.

**IN WITNESS WHEREOF**, the VILLAGE and CONSULTANT have caused this document to be signed by duly authorized officers who have set their hands and seals the day and year set forth above.

**VILLAGE OF LOMBARD**

By: \_\_\_\_\_  
Village President

ATTEST:

By: \_\_\_\_\_  
Village Clerk

and **SECO CONSULTANTS**

By: \_\_\_\_\_

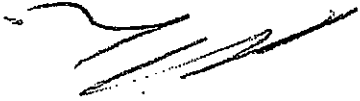
ATTEST:

By: \_\_\_\_\_





Donald C. Cassier  
Director of Field Services



Respectfully Submitted,  
SEECO Consultants Inc.

We appreciate the opportunity to continue working with the Village.

Enclosed herewith are SEECO Consultants Inc. Schedule of Fees for June 1, 2008 through May 31, 2009 for Fiscal Years 2008 and 2009.

Dear Mr. Schwab:

RE: Contract Amendment #2

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

May 20, 2008

**SEECO Consultants Inc.**  
CONSULTING ENGINEERS

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

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

**SCHEDULE OF FEES - JUNE 1, 2008 TO MAY 31, 2009**

Village of Lombard

DESCRIPTION	UNIT	UNIT PRICE
<b>PROFESSIONAL PERSONNEL SERVICE</b>		
Chief Engineer	Hour	\$165.00
Principal Engineer	Hour	\$165.00
Senior Geotech/Materials Engineer	Hour	\$135.00
Project Materials/Geotech Engineer	Hour	\$115.00
Project Environmental Engineer	Hour	\$115.00
Staff Engineer	Hour	\$95.00
Field Engineer	Hour	\$95.00
Environmental Geologist	Hour	\$95.00
<b>TECHNICAL AND SUPPORT PROFESSIONAL SERVICES</b>		
Lab/Engineer Technician	Hour	\$89.00
Senior Technician-IDOT Level 1 or 2	Hour	\$99.00
QA Manager/IDOT Level 3	Hour	\$115.00
Draftsman/CAD Operator	Hour	\$85.00
Secretary	Hour	\$48.00
Pickup of Samples	Hour	\$85.00
<b>REPRODUCTION COSTS</b>		
Photocopies	Each	Included
Blueines	Each.	\$ 4.00
Paper Sepias, 24" x 36"	Each	\$ 6.00
Reproducibles on Mylar, 24" x 36"	Each	\$ 10.00
<b>DRILLING, SAMPLING, AND CORING</b>		
Mobilization/Demobilization of Truck	Job	\$385.00
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:	Lin. Ft.	\$ 26.40
0-50 Foot Depth	Lin. Ft.	\$ 30.00
50-100 Foot Depth	Lin. Ft.	\$ 44.00
Shelby Tube Samples, 2" O.D.	Each	\$ 49.00
Shelby Tube Samples, 3" O.D.	Each	\$ 49.00
(Minimum Daily Charge - \$2,100.00)		
Bag Samples at Specified Depth, for Proctor Test	Each	\$ 50.00
Rock Coring - Set Up	Each	\$220.00
NX Size Coring	Lin Ft.	\$ 65.00

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.

Overtime rates of 1.5 times the standard rate are applicable for hours in excess of eight per day and weekends and holidays. Four (4) hour minimum charge for field personnel. Sample pickups at technician rate with no minimum time charge. A transportation charge of \$29.00/trip will be incurred for all field personnel.

LABORATORY TESTING (SOILS)		
Visual Classification, Including Pocket Penetrometer Readings	Each	\$ 5.50
Moisture Content Determination (ASTM D 2216)	Each	\$ 6.00
Sieve Analysis, Dry, 7 Sieves	Each	\$ 90.00
Sieve Analysis, Washed, 7 Sieves	Each	\$100.00
Combined Hydrometer and Sieve Analysis (ASTM D 422)	Each	\$135.00
Atterberg Limits, LL, PL (ASTM D 423, 424)	Each	\$ 80.00
Specific Gravity Determination (ASTM D 854)	Each	\$ 60.00
Nuclear Moisture/Density Gauge	Day	\$ 60.00
Standard Proctor Compaction (ASTM D 698)	Each	\$167.00
Modified Proctor Compaction (ASTM D 1557)	Each	\$177.00
Illinois Bearing Ratio Test, Including Proctor Density	Each	\$470.00
Density Determination, Including Moisture Content Test	Each	\$ 24.00
LABORATORY TESTING (CONCRETE AND ASPHALT)		
Concrete Mix Design, Per Mix (Review)	Each	\$300.00
Concrete Aggregate Test:		
Fine Aggregate Sieve Analysis	Each	\$100.00
Coarse Aggregate Sieve Analysis	Each	\$100.00
Fine Aggregate - Specific Gravity and Absorption	Each	\$130.00
Coarse Aggregate - Specific Gravity and Absorption	Each	\$130.00
Concrete Cylinder Test	Each	\$ 19.25
Reflux Extraction Test	Each	\$148.00
Marshall Stability Test	Each	\$235.00
Gyratory Compaction Test	Each	\$360.00



XC; Mr. Ray Schwab  
Village of Lombard  
1051 South Hammerschmidt Avenue  
Lombard, Illinois 60148

James D. Flickinger  
Director of Business Development

Allen L. DuBoise  
President  
*[Signature]*

*[Signature]*

TESTING SERVICE CORPORATION

Prepared by,

Respectfully Submitted,

Please feel free to contact us at 630-784-4014 if we can be of further service.

Attached is Testing Service Corporation's fee schedule for Year 2 (2008 Season) for the above referenced contract.

Dear Mr. Dratno:

RE: Revised 2008 Fee Schedule, Construction Materials Testing Services, and Environmental Services Contract #M-08-01-G  
Village of Lombard  
TSC P.N. #37,583

Mr. David Dratno, Village Engineer  
Village of Lombard  
1051 South Hammerschmidt Avenue  
Lombard, Illinois 60148

May 21, 2008

Corporate Office:  
360 S. Main Place, Carol Stream, IL 60188-2404  
630.462.2600 • Fax 630.653.2988

TESTING SERVICE CORPORATION



**2008 (Year1) STAFF FEE TABLE**  
**Village of Lombard Contract M-08-01-G**

Included are staff rates for all anticipated personnel for the contract. A few items related to the Fee Schedule 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, draftsman 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.) & John Moky	Hour	100.00

CME - Field	Unit	Rate
Material Tester I	Hour *	85.00
Material Tester II	Hour *	95.00

\*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. 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
Two Person Survey Crew	Hour	147.50
Two Person Coring Crew with Core Van	Hour	190.00
Flagperson/Traffic Control*	Hour	80.00
Secretary	Hour	56.50
Draftsperson/CADD	Hour	70.00

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

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EQUIPMENT, LABORATORY & DRILLING FEE TABLE

Geotechnical - Field	Rate	Unit
Truck Mounted Drill Mobilization	380.00	Each
All-Terrain Vehicle (ATV) Mobilization	515.00	Each
Advance Bore Holes by Solid Auger, Hollowstem or Rotary 0-25'	16.75	Lineal ft.*
Advance Bore Holes by Solid Auger, Hollowstem or Rotary 25'-50'	18.55	Lineal ft.*
Obtain Soil Samples by Split Spoon Method (ASTM D 1586-84)	23.00	Each
Obtain Soil Samples by Auger Methods	13.00	Each
Surcharge for Drilling with an ATV unit	2.35	Lineal Ft.
Rock Coring (NX)	48.50	Lineal Ft.
Rock Coring Setup	375.00	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	Rate	Unit
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 Tubular (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 Triaxial Method IEPA & ASTM D-5084	185.00 325.00	Each Each
Test for Corrosive Soils(Ductile Iron Pipe Research Institute): Moisture Determination Sulfide Determination Resistivity Oxidation-Reduction Potential Ph Complete Set	6.25 38.50 38.50 38.50 29.00 135.00	Each Each Each Each Each Each

TSC

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Equipment Fees		Unit	Rate
Equipment		Unit	Rate
Cone Penetrometer		Day	N/C
Nuclear Moisture/Density Gauge		Day	N/C
Miscellaneous		Unit	Rate
Mileage - light Vehicle		Mile	0.55
Sample Pick-up Services		Trip	55.00

Aggregates		Unit	Rate
Sieve Analysis - including finer than #200		Each	80.00
Specific Gravity & Absorption-Coarse (combined)		Each	120.00
PCC and Mortar		Unit	Rate
Concrete Cylinders (includes plastic Mold): Compressive Strength (ASTM C-39) Spare/Handling Charge		Each	16.25
Concrete Cores-Compressive Strength with Length Measurement Density Measurement		Each	42.00
Bituminous		Unit	Rate
Extraction for Asphalt with Sieve Analysis: Unwashed Sieve Analysis Washed Sieve Analysis		Each	195.00
Stability, Flow and Bulk Density (550) - Marshall (ASTM D-1559): Set of 3 Specimens With Percent Voids and Theoretical Maximum Density		Each	190.00
Bulk Density of Core Specimens (ASTM D-2726)		Each	40.00
Maximum Specific Gravity of Asphaltic Mix-Vacuum Pycnometer Method		Each	90.00
Compaction of Bituminous Mixture by Gyrotory Methods and Bulk Specific Gravity Test		Set of Two	185.00
Theoretical Maximum Specific Gravity of Paving Mixture		Each	85.00
Calibration of Ignition Oven for Asphalt Content by IDOT Methods		Each	650.00
Determination of Asphalt Content by Ignition Oven Determination of Asphalt Content by Ignition Oven - with Washed Gradation		Each	100.00
		Each	175.00

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ENVIRONMENTAL ENGINEERING FEE SCHEDULE SERVICES

Included are staff rates for all anticipated environmental personnel for Year 1 (2007) contract #M-08-01-G.

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
Photonization 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

Direct expenses will be charged at cost.

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RIDER  
VILLAGE OF LOMBARD  
PREVAILING WAGE

The Illinois Department of Labor (IDOL) has taken the position that Core Drilling/Soil Testing and Materials Testing is a covered activity under the Illinois Prevailing Wage Act (IPWA). Based on this limited information, we are assuming that the work done by the drill crew and material testers is subject to the IPWA. The unit prices provided in the attached fee schedule are meant to comply with the IPWA.

In the event (i) prevailing wage/union scale rates become applicable to other (e.g., work not done by the drill crew and material testers) services provided by TSC during the performance of this Agreement, and (ii) the prevailing wage/union scale rates are higher than those charged, client agrees that an equitable adjustment will be made to the rates quoted in this agreement to recognize the additional expense that TSC will be required to incur.

In the event that prevailing wage/union scale rates become applicable to TSC's Work which has not been completed for this agreement, this agreement may be terminated by either party per the termination clause stated in the Village of Lombard Contract M-08-01-

G.