

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: April 7, 2010 (COW) (B of T) **Date:** April 15, 2010

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

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

BACKGROUND/POLICY IMPLICATIONS:

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

FISCAL IMPACT/FUNDING SOURCE:

P.O. 063560 Seeco (increase \$65,000 to \$145,000 total)

P.O. 063561 TSC (increase \$65,000 to \$105,000 total)

Various Project Funds

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 *cy*
 From: David A. Dratnol, P.E., Village Engineer *DAE*
 Date: April 7, 2010
 Subject: Geotechnical Engineering, Construction Material Testing
 and Environmental Services Contract

Testing Services Corporation (TSC) of Carol Stream and Seeco Consultants (Seeco) 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 2010 and FY 2011 will be \$115,000 for TSC (an increase of \$65,000 to account for FY 2011 work) and \$145,000 for Seeco (an increase of \$65,000 to account for FY 2011 work). Anticipated Capital Improvement Projects in FY 2011 involving geotechnical engineering, construction material testing or environmental services are listed below.

	Project
1	Special Assessment 217C (Kramer, Kaplan, Parker & Reskin)
2	Olde Towne – East, Phase 5 (Windsor & Craig Place)
3	North Industrial Park Pavement Rehabilitation
4	Main Street LAPP (St. Charles to Lemoyne)
5	Main Street Lighting, Phase 2 (St. Charles to Lemoyne)
6	St. Charles Road LAPP (Route 53 to Martha)
7	St. Charles Road Water Main Replacement (Elizabeth to Lincoln)
8	Westmore/Meyers & Roosevelt Road CDBG Sidewalk
9	Craig Place Storm Sewer Improvement (between Elm & Maple)
10	Sidewalk and Curb Replacement Program
11	In-House Asphalt Paving Program
12	Asphalt Patching and Paving Program
13	Concrete Rehab and Utility Cuts Patching Program
14	Grove Street Sanitary Sewer Repair (west of Elizabeth)

The proposed fee schedules for FY 2011 are attached.

Please present this item to the President and the Board of Trustees for their review and approval at the next regular meeting on April 15, 2010. Upon approval, please return all paperwork to the Engineering Division for further processing.

RESOLUTION
R _____ 10

A RESOLUTION AUTHORIZING
AMENDMENT OF A PROFESSIONAL
SERVICES CONTRACT

WHEREAS, the Board of Trustees of the Village of Lombard on March 19 , 2009 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and Testing Service Corporation, which was amended on October 1, 2009; 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 Testing Service Corporation substantially in the form and manner of Exhibit "A" attached hereto and made a part hereof.

Adopted this 15th day of April 2010.

Ayes: _____

Nays: _____

Absent: _____

Approved 15th day of April 2010.

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

AGREEMENT TO AMEND A CONTRACT

THIS AGREEMENT made and entered into 15th day of April 2010, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **TESTING SERVICE CORPORATION** (the "CONSULTANT").

WHEREAS, on March 19, 2009 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Geotechnical Engineering, Construction material Testing and Environmental Services contract, which was amended on October 1, 2009; 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 March 3, 2010 letter.

SECTION 2: The aforementioned contract shall be amended to show a contract sum not to exceed \$105,000 for Fiscal Year 2010 & 2011.

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 **TESTING SERVICE CORPORATION**

By: _____

ATTEST:

By: _____

RESOLUTION
R _____ 10

A RESOLUTION AUTHORIZING
AMENDMENT OF A PROFESSIONAL
SERVICES CONTRACT

WHEREAS, the Board of Trustees of the Village of Lombard on March 19, 2009 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and Seeco Consultants; which was amended on October 9, 2009 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 15th day of April 2010.

Ayes; _____

Nays: _____

Absent: _____

Approved 15th day of April 2010.

ATTEST:

William J. Mueller
Village President

Brigitte O'Brien
Village Clerk

APPROVAL AS TO FORM:

Thomas P. Bayer
Village Attorney

AGREEMENT TO AMEND A CONTRACT

THIS AGREEMENT made and entered into 15th day of April 2010, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **SEECO CONSULTANTS** (the "CONSULTANT").

WHEREAS, on March 19, 2009 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Geotechnical Engineering, Construction material Testing and Environmental Services contract, which was amended on October 1, 2009, 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 April 1, 2010 letter.

SECTION 2: The aforementioned contract shall be amended to show a contract sum not to exceed \$145,000 for Fiscal Year 2010 & 2011.

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 **SEECO CONSULTANTS**

By: _____

ATTEST:

By: _____



TESTING SERVICE CORPORATION

Corporate Office:

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

Carol Stream, Illinois

March 3, 2010

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

RE: Revised 2010 Fee Schedule, Construction Materials Testing
Services, and Environmental Services Contract #M-10-01(Year 2)
Village of Lombard

Dear Mr.Schwab:

Attached is Testing Service Corporation's fee schedule for Year 2 (2010 Season) for the above
referenced contract.

Please feel free to contact us at 630-784-4003 if we can be of further service.

Respectfully Submitted,

TESTING SERVICE CORPORATION

Prepared by,

Thomas J. Morris, P.E.
President

Michael D. Billings
Director of Business Development

2010 STAFF FEE TABLE
Village of Lombard Contract M-10-01 (Year 2)

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.)	Hour	110.00

CME - Field	Unit	Rate
Material Tester I	Hour *	109.50
Material Tester II	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. 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	280.00
Flagperson/Traffic Control*	Hour	90.00
Secretary	Hour	56.50
Draftsman/CADD	Hour	70.00

*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	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 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	29.00	Each
Complete Set	135.00	Each

Aggregates	Rate	Unit
Sieve Analysis - including finer than #200	80.00	Each
Specific Gravity & Absorption-Coarse (combined)	120.00	Each
PCC and Mortar	Rate	Unit
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	Rate	Unit
Extraction for Asphalt with Sieve Analysis:		
Unwashed Sieve Analysis	195.00	Each
Washed Sieve Analysis	215.00	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 Gyrotory Methods and Bulk Specific Gravity Test	185.00	Set of Two
Theoretical Maximum Specific Gravity of Paving Mixture	85.00	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	Rate	Unit
Mileage - light Vehicle	0.60	Mile
Sample Pick-up Services	55.00	Trip

ENVIRONMENTAL ENGINEERING FEE SCHEDULE SERVICES

Included are staff rates for all anticipated environmental personnel for Year 2 (2009) contract #M-10-01

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

Direct expenses will be charged at cost.

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

April 2, 2010

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

RE: Contract M10-01-G

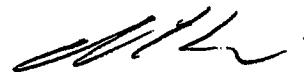
Dear Mr. Schwab:

Enclosed herewith are two (2) copies of SEECO Consultants, Inc.'s Schedule of Fees for Fiscal Year 2011 (June 1, 2010 – May 31, 2011).

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/m
Attachments:
Schedule of Fees

SEECO Consultants Inc.
SCHEDULE OF FEES – April 1, 2010

Village of Lombard-Contract M-10-01

<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	\$120.00
Project Environmental Engineer	Hour	\$120.00
Staff Engineer	Hour	\$ 99.00
Field Engineer	Hour	\$ 99.00
Environmental Geologist	Hour	\$ 99.00
TECHNICAL AND SUPPORT PROFESSIONAL SERVICES		
Lab/Engineer Technician	Hour	\$ 97.00
Senior Technician-IDOT Level 1 or 2	Hour	\$102.00
QA Manager/IDOT Level 3	Hour	\$120.00
Draftsman/CAD Operator	Hour	\$ 89.00
Secretary	Hour	\$ 49.00
Pickup of Samples	Hour	\$ 89.00
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	\$405.00
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.	\$ 27.70
50-100 Foot Depth	Lin. Ft.	\$ 31.50
Shelby Tube Samples, 2" O.D.	Each	\$ 46.00
Shelby Tube Samples, 3" O.D.	Each	\$ 53.00
(Minimum Daily 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

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	\$105.00
Combined Hydrometer and Sieve Analysis (ASTM D 422)	Each	\$155.00
Atterberg Limits, LL, PL (ASTM D 423, 424)	Each	\$ 85.00
Specific Gravity Determination (ASTM D 854)	Each	\$ 63.00
Nuclear Moisture/Density Gauge	Day	\$ 63.00
Standard Proctor Compaction (ASTM D 698)	Each	\$175.00
Modified Proctor Compaction (ASTM D 1557)	Each	\$185.00
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	\$105.00
Coarse Aggregate Sieve Analysis	Each	\$105.00
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	\$155.00
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.

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.