

DISTRICTS - ALL

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

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

**TO: PRESIDENT AND BOARD OF TRUSTEES**

**FROM: William T. Lichter, Village Manager**

**DATE: May 23, 2006 (COW) (B of T) Date: June 1, 2006**

**TITLE: Annual Geotechnical Engineering/Construction Material Testing  
Service Contract**

**SUBMITTED BY: David A. Dratnoi, P.E. Village Engineer**  
*DA Dratnoi*

**BACKGROUND/POLICY IMPLICATIONS:**

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

**FISCAL IMPACT/FUNDING SOURCE:**

Total Contract Amount (FY 06 & 07) \$200,000/Various Project Funds for both fiscal years  
(To date in FY 06 approximately \$85,000 obligated of \$90,000 budget)

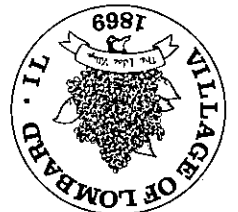
Review (as necessary):

Village Attorney X	<i>[Signature]</i>	Date	<i>05/24/06</i>
Finance Director X	<i>[Signature]</i>	Date	<i>5/24/06</i>
Village Manager X	<i>[Signature]</i>	Date	<i>5/24/06</i>

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.

**InterOffice Memo**



**To:**  
**From:**  
**Through:**  
**Date:**  
**Subject:**

William T. Lichter, Village Manager  
 David A. Dratmol, P.E., Village Engineer  
 Wes Anderson, Director of Public Works  
 May 23, 2006  
 Geotechnical Engineering & Construction Material Testing Services Contract

Testing Services Corporation of Carol Stream has 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 agreement 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 amount over the two-year period will be \$200,000. \$90,000.00 is the current budget for FY 2006. The Engineering Division anticipates that the remaining balance of approximately \$110,000 should be sufficient for the upcoming fiscal year, barring any unforeseen environmental or extensive subsurface investigative projects or a change in the labor force agreement (refer to the Rider of the attached letter from TSC dated March 29, 2006).

There is a potential environmental issue at the intersection of Martha Street and St. Charles Road currently being handled by Community Development. Should TSC's services be necessary, an amendment to this contract may need to be brought to the Board of Trustees. The possible scope of work, let alone the actual budget for TSC's services is not defined. Therefore a budget for those prospective services has not been included in the FY 2007 budget.

Capital Improvement Projects in FY 2007 involving geotechnical engineering and/or construction material testing are listed below:

Project	
1.	Special Assessment 219 (School, Morris, & Ahrens)
2.	Yorktown Water Main, Phase II
3.	South Broadway - East of Chase
4.	North East Lombard Area Improvements
5.	Westmore-Meyer Underground Improvements
6.	Olde Towne - East (Phase III)
7.	Wilson and Elizabeth Drainage Improvement
8.	In-House Paving Program
9.	Asphalt Patching and Paving Program
10.	Concrete Rehab and Utility Cuts Patching Program

The proposed fee schedule for FY 07 is attached.

Please present this item to the President and the Board of Trustees for their review and approval at the next regular meeting on June 1, 2006. Upon approval, please return all paperwork to the Engineering Division for further processing.

A RESOLUTION AUTHORIZING  
AMENDMENT OF A PROFESSIONAL  
SERVICES CONTRACT



WHEREAS, the Board of Trustees of the Village of Lombard on April 21, 2005 adopted a resolution authorizing signature of President and Clerk on an agreement between the Village of Lombard and Testing Services Corporation (which was amended on April 6, 2006); 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 5/33B-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 Services Corporation substantially in the form and manner of Exhibit "A" attached hereto and made a part hereof.

Adopted this 1st day of June 2006.

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

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

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

Approved this 1st day of June 2006.

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 this 1st day of June 2006, by and between the **VILLAGE OF LOMBARD** (the "VILLAGE") and **TESTING SERVICES CORPORATION** (the "CONSULTANT").

**WHEREAS**, on April 21, 2005 and April 6, 2006 the VILLAGE and CONSULTANT executed a contract regarding certain engineering services relative to the Annual Geotechnical 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 March 29, 2006 letter.

**SECTION 2:** The aforementioned contract shall be amended to show a contract sum not to exceed \$200,000.00.

**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

TESTING SERVICES CORPORATION

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

ATTEST:

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

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

James D. Flickinger  
Director of Business Development

Allen K. DuBose  
President

TESTING SERVICE CORPORATION

Respectfully Submitted,

Prepared by,

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 (2006 Season) for the above referenced contract. We understand that these rates will be used starting June 1, 2006.

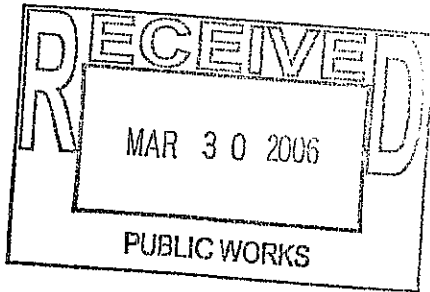
Dear Mr. Dratno!

RE: Revised 2006 Fee Schedule, Construction Materials Testing  
Services, and Environmental Services Contract #M-06-01-G  
Village of Lombard  
TSC P.N. #33,056

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

March 29, 2006

Carol Stream, Illinois



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

TESTING SERVICE CORPORATION



**2006(Year 2) STAFF FEE TABLE**  
**Village of Lombard Contract M-06-01-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 CMB 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 CMB 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	120.00
Project Engineer (E.I. or P.E.) & John Moky	Hour	85.00

CMB - Field	Unit	Rate
IDOT QC/QA Level I Technician	Hour *	72.50
IDOT QC/QA Level II Technician	Hour *	82.50
Construction Materials Engineering (CMB) Technician	Hour *	72.50
Caisson/Pile/Mass Grading Technician and Structural Steel Level II Technician	Hour*	82.50

\*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	120.00
Two Person Coiling Crew with Core Van	Hour	115.00
Flagperson/Traffic Control	Hour	60.00
Secretary	Hour	51.50
Draftsperson/CADD	Hour	67.50

**EQUIPMENT, LABORATORY & DRILLING FEE TABLE**

**Drilling Fees**

Geotechnical - Field	Rate	Unit
Truck Mounted Drill Mobilization	315.00	Each
All-Terrain Vehicle (ATV) Mobilization	400.00	Each
Advance Bore Holes by Solid Auger, Hollowstem or Rotary 0-25'	12.75	Lineal Ft.*
Advance Bore Holes by Solid Auger, Hollowstem or Rotary 25'-50'	14.15	Lineal Ft.*
Obtain Soil Samples by Split Spoon Method (ASTM D 1586-84)	17.40	Each
Obtain Soil Samples by Auger Methods	8.00	Each
Surcharge for Drilling with an ATV unit	2.00	Lineal Ft.
Rock Coring (NX)	40.00	Lineal Ft.
Rock Coring Setup	350.00	Each
Coring of Asphalt (4" D Core) - Diamond Bit Replacement	2.50	Inch
Coring of Concrete (4" D Core) - Diamond Bit Replacement	3.60	Inch
Coring of Reinforced Concrete (4" D Core) - Diamond Bit Replacement	3.60	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)	175.00	Each
Illinois or California Bearing with supporting tests	450.00	Each
Standard Proctor 4" mold (ASTM D-698)	150.00	Each
Modified Proctor 4" mold (ASTM D-1557)	160.00	Each
Soils	Rate	Unit
Visual Classification, Includes QP (ASTM D-653,2487,2488)	3.50	Each
Moisture Content (ASTM D-2216)	5.50	Each
Unit Weight (ASTM D-2937)	6.00	Each
Unconfined Compressive Strength Qu (ASTM D-2166)	11.50	Each
Index Testing of Thin-Walled Tube/Jar (visual, moisture, unit weight, Qu)	25.00	Each
Sieve Analysis with #200 Wash	70.00	Each
Sieve Analysis with Hydrometer	110.00	Each
Liquid and Plastic Limits, Plasticity Limits (ASTM D-4318)	60.00	Each
Organic Test - Loss on Ignition	32.50	Each
Organic Test - Wet Combustion (IDOT)	60.00	Each

Each	160.00	275.00	Each	Permeability: Constant Head ASTM D-2435 Triaxial Method IEPA & ASTM D-5084
Each	5.25	32.50	Each	Determination Test for Corrosive Soils(Ductile Iron Pipe Research Institute): Moisture
Each	32.50	32.50	Each	Sulfide Determination
Each	32.50	32.50	Each	Resistivity
Each	32.50	32.50	Each	Oxidation-Reduction Potential
Each	25.00	115.00	Each	Ph
Each	115.00	115.00	Each	Complete Set
Unit	Rate	Rate	Unit	Aggregates
Each	70.00	70.00	Each	Sieve Analysis - including finer than #200
Each	110.00	110.00	Each	Specific Gravity & Absorption-Coarse (combined)
Unit	Rate	Rate	Unit	PCC and Mortar
Each	12.00	12.00	Each	Concrete Cylinders (includes plastic Mold): Compressive Strength (ASTM C-39)
Each	12.00	12.00	Each	Spare/Handling Charge
Each	32.50	32.50	Each	Concrete Cores-Compressive Strength with Length Measurement
Each	10.00	10.00	Each	Density Measurement
Unit	Rate	Rate	Unit	Bituminous
Each	150.00	170.00	Each	Extraction for Asphalt with Sieve Analysis: Unwashed Sieve Analysis Washed Sieve Analysis
Each	155.00	225.00	Each	Stability, Flow and Bulk Density (550) - Marshall (ASTM D-1559): Set of 3 Specimens With Percent Voids and Theoretical Maximum Density
Each	20.00	20.00	Each	Bulk Density of Core Specimens (ASTM D-2726)
Each	65.00	65.00	Each	Maximum Specific Gravity of Asphaltic Mix-Vacuum Pycnometer Method
Set of Two	165.00	165.00	Set of Two	Compaction of Bituminous Mixture by Gyration Methods and Bulk Specific Gravity Test
Each	72.50	72.50	Each	Theoretical Maximum Specific Gravity of Paving Mixture
Each	600.00	600.00	Each	Calibration of Ignition Oven for Asphalt Content by IDOT Methods
Each	77.50	152.00	Each	Determination of Asphalt Content by Ignition Oven Determination of Asphalt Content by Ignition Oven- with Washed Gradation



**RIDER  
VILLAGE OF LOMBARD  
PREVAILING WAGE**

<b>Equipment Fees</b>		
<b>Equipment</b>	<b>Rate</b>	<b>Unit</b>
Cone Penetrometer	N/C	Day
Nuclear Moisture/Density Gauge	N/C	Day
<b>Miscellaneous</b>		
Mileage -- Light Vehicle	0.45	Mile
Sample Pick-up Services	50.00	Trip

The Illinois Department of Labor (IDOL) has taken the position that Core Drilling/Soil Testing is a covered activity under the Illinois Prevailing Wage Act (IPWA). Based on limited information provided by IDOL to and reported by the Illinois Road and Transportation Builders Association (IRTBTA), IDOL is only expanding the IPWA to include "drilling operations" conducted during the design phase. Based on this limited information, we are assuming that the work done by the drill crew is subject to the IPWA and that all other services are excluded. 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) 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-06-01-G.

**ENVIRONMENTAL ENGINEERING FEE SCHEDULE SERVICES**

Included are staff rates for all anticipated environmental personnel for Year 2 (2006) contract #M-06-01-G.

Staff	Unit	Rate
Principal	Hour	170.00
Project Manager	Hour	95.00
Geologist/Environmental Scientist	Hour	80.00
Technician	Hour	60.00

Equipment	Unit	Rate
Photoinization Detector	Day	75.00
Spectrum Analyzer Lead Detector	Day	150.00
Steam Cleaner and Trailer	Day	125.00

Analytical Testing	Unit	Rate
Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)	Per Sample	60.00
Polynuclear Aromatic Hydrocarbons (PNAs)	Per Sample	150.00
Metals	Per Sample	126.00
Volatile Organic Compounds (VOCs)	Per Sample	180.00
Asbestos	Per Sample	12.50

Direct expenses will be charged at cost.