

Local Agency County of Lake	<b>L O C A L  A G E N C Y</b>	 <b>Illinois Department of Transportation</b>  <b>Construction Engineering Services Agreement For Federal Participation</b>	<b>C O N S U L T A N T</b>	Consultant V3 Companies of Illinois
County Lake				Address 7325 Janes Avenue
Section 02-00051-08-WR				City Woodridge
Project No. M-9003 (083)				State IL
Job No. C-91-016-09				Zip Code 60517
Contact Name/Phone/E-mail Address Glenn Petko gpetko@lakecountyil.us				Contact Name/Phone/E-mail Address Tom Valaitis tvalaitis@v3co.com

THIS AGREEMENT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2011 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the PROJECT described herein. Federal-aid funds allotted to the LA by the state of Illinois under the general supervision of the Illinois Department of Transportation (STATE) will be used entirely or in part to finance engineering services as described under AGREEMENT PROVISIONS.

WHEREVER IN THIS AGREEMENT the following terms are used, they shall be interpreted to mean:

<b>Regional Engineer</b>	Regional Engineer, Department of Transportation
<b>Resident Engineer</b>	LA Employee directly responsible for construction of the PROJECT
<b>Contractor</b>	Company or Companies to which the construction contract was awarded

**Project Description**

Name	Quentin Road	Route	FAP 364	Length	1.09 mi	Structure No.	N/A
Termini	From 950 feet south of Long Grove Road to Boschome Drive						

Description: The improvements include reconstruction of Quentin Road consisting of two 12-foot through lanes in each direction with exclusive left turn lanes at the intersections.

**Agreement Provisions**

**I. THE ENGINEER AGREES,**

1. To perform or be responsible for the performance of the engineering services for the LA, in connection with the PROJECT hereinbefore described and checked below:
  - a. Proportion concrete according to applicable STATE Bureau of Materials and Physical Research (BMPR) Quality Control/Quality Assurance (QC/QA) training documents or contract requirements and obtain samples and perform testing as noted below.
  - b. Proportion hot mix asphalt according to applicable STATE BMPR QC/QA training documents and obtain samples and perform testing as noted below.
  - c. For soils, to obtain samples and perform testing as noted below.
  - d. For aggregates, to obtain samples and perform testing as noted below.

NOTE: For 1a. through 1d. the ENGINEER is to obtain samples for testing according to the STATE BMPR "Project Procedures Guide", or as indicated in the specifications, or as attached herein by the LA; test according to the STATE BMPR "Manual of Test Procedures for Materials", submit STATE BMPR inspection reports; and verify compliance with contract specifications.

  - e. Inspection of all materials when inspection is not provided at the sources by the STATE BMPR, and submit inspection reports to the LA and the STATE in accordance with the STATE BMPR "Project Procedures Guide" and the policies of the STATE.
  - f. For Quality Assurance services, provide personnel who have completed the appropriate STATE BMPR QC/QA trained technician classes.
  - g. Inspect, document and inform the resident engineer of the adequacy of the establishment and maintenance of the traffic control.

**DRAFT**

- h. Geometric control including all construction staking and construction layouts.
  - i. Quality control of the construction work in progress and the enforcement of the contract provisions in accordance with the STATE Construction Manual.
  - j. Measurement and computation of pay items.
  - k. Maintain a daily record of the contractor's activities throughout construction including sufficient information to permit verification of the nature and cost of changes in plans and authorized extra work.
  - l. Preparation and submission to the LA by the required form and number of copies, all partial and final payment estimates, change orders, records, documentation and reports required by the LA and the STATE.
  - m. Revision of contract drawings to reflect as built conditions.
2. Engineering services shall include all equipment, instruments, supplies, transportation and personnel required to perform the duties of the ENGINEER in connection with the AGREEMENT.
  3. To furnish the services as required herein within twenty-four hours of notification by the resident engineer or authorized representative.
  4. To attend meetings and visit the site of the work at any reasonable time when requested to do so by representatives of the LA or STATE.
  5. That none of the services to be furnished by the ENGINEER shall be sublet, assigned or transferred to any other party or parties without the written consent of the LA. The consent to sublet, assign or otherwise transfer any portion of the services to be furnished by the ENGINEER shall not be construed to relieve the ENGINEER of any responsibility for the fulfillment of this AGREEMENT.
  6. The ENGINEER shall submit invoices, based on the ENGINEER's progress reports, to the resident engineer, no more than once a month for partial payment on account for the ENGINEER's work completed to date. Such invoices shall represent the value, to the LA of the partially completed work, based on the sum of the actual costs incurred, plus a percentage (equal to the percentage of the construction engineering completed) of the fixed fee for the fully completed work.
  7. That the ENGINEER is qualified technically and is entirely conversant with the design standards and policies applicable to improvement of the SECTION; and that the ENGINEER has sufficient properly trained, organized and experienced personnel to perform the services enumerated herein.
  8. That the ENGINEER shall be responsible for the accuracy of the ENGINEER's work and correction of any errors, omissions or ambiguities due to the ENGINEER'S negligence which may occur either during prosecution or after acceptance by the LA. Should any damage to persons or property result from the ENGINEER's error, omission or negligent act, the ENGINEER shall indemnify the LA, the STATE and their employees from all accrued claims or liability and assume all restitution and repair costs arising from such negligence. The ENGINEER shall give immediate attention to any remedial changes so there will be minimal delay to the contractor and prepare such data as necessary to effectuate corrections, in consultation with and without further compensation from the LA.
  9. That the ENGINEER will comply with applicable federal statutes, state of Illinois statutes, and local laws or ordinances of the LA.
  10. The undersigned certifies neither the ENGINEER nor I have:
    - a) employed or retained for commission, percentage, brokerage, contingent fee or other considerations, any firm or person (other than a bona fide employee working solely for me or the above ENGINEER) to solicit or secure this AGREEMENT;
    - b) agreed, as an express or implied condition for obtaining this AGREEMENT, to employ or retain the services of any firm or person in connection with carrying out the AGREEMENT or
    - c) paid, or agreed to pay any firm, organization or person (other than a bona fide employee working solely for me or the above ENGINEER) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the AGREEMENT.
    - d) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency;
    - e) have not within a three-year period preceding the AGREEMENT been convicted of or had a civil judgment rendered against them for commission of fraud or criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property;
    - f) are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (e) of this certification; and
    - g) have not within a three-year period preceding this AGREEMENT had one or more public transactions (Federal, State or local) terminated for cause or default.

11. To pay its subconsultants for satisfactory performance no later than 30 days from receipt of each payment from the LA.
12. To submit all invoices to the LA within one year of the completion of the work called for in this AGREEMENT or any subsequent Amendment or Supplement.
13. To submit BLR 05613, Engineering Payment Report, to the STATE upon completion of the work called for in the AGREEMENT.

## II. THE LA AGREES,

1. To furnish a resident engineer to be in responsible charge of general supervision of the construction.
2. To furnish the necessary plans and specifications.
3. To notify the ENGINEER at least 24 hours in advance of the need for personnel or services.
4. To pay the ENGINEER as compensation for all services rendered in accordance with this AGREEMENT, on the basis of the following compensation formulas:

Cost Plus Fixed Fee       CPFF = 14.5%[DL + R(DL) + OH(DL) + IHDC], or  
 CPFF = 14.5%[DL + R(DL) + 1.4(DL) + IHDC], or  
 CPFF = 14.5%[(2.3 + R)DL + IHDC]

Where:    DL = Direct Labor  
           IHDC = In House Direct Costs  
           OH = Consultant Firm's Actual Overhead Factor  
           R = Complexity Factor

Specific Rate             (Pay per element)

Lump Sum                 \_\_\_\_\_

5. To pay the ENGINEER using one of the following methods as required by 49 CFR part 26 and 605 ILCS 5/5-409:
  - With Retainage
    - a) **For the first 50% of completed work**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to 90% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
    - b) **After 50% of the work is completed**, and upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments covering work performed shall be due and payable to the ENGINEER, such payments to be equal to 95% of the value of the partially completed work minus all previous partial payments made to the ENGINEER.
    - c) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and the STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
  - Without Retainage
    - a) **For progressive payments** – Upon receipt of monthly invoices from the ENGINEER and the approval thereof by the LA, monthly payments for the work performed shall be due and payable to the ENGINEER, such payments to be equal to the value of the partially completed work minus all previous partial payments made to the ENGINEER.
    - b) **Final Payment** – Upon approval of the work by the LA but not later than 60 days after the work is completed and reports have been made and accepted by the LA and STATE, a sum of money equal to the basic fee as determined in this AGREEMENT less the total of the amounts of partial payments previously paid to the ENGINEER shall be due and payable to the ENGINEER.
6. The recipient shall not discriminate on the basis on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31U.S.C. 3801 et seq.).

### III. It is Mutually Agreed,

1. That the ENGINEER and the ENGINEER's subcontractors will maintain all books, documents, papers, accounting records and other evidence pertaining to cost incurred and to make such materials available at their respective offices at all reasonable times during the AGREEMENT period and for three years from the date of final payment under this AGREEMENT, for inspection by the STATE, Federal Highway Administration or any authorized representatives of the federal government and copies thereof shall be furnished if requested.
2. That all services are to be furnished as required by construction progress and as determined by the RESIDENT ENGINEER. The ENGINEER shall complete all services specified herein within a time considered reasonable to the LA, after the CONTRACTOR has completed the construction contract.
3. That all field notes, test records and reports shall be turned over to and become the property of the LA and that during the performance of the engineering services herein provided for, the ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in the ENGINEER's possession and any such loss or damage shall be restored at the ENGINEER's expense.
4. That this AGREEMENT may be terminated by the LA upon written notice to the ENGINEER, at the ENGINEER's last known address, with the understanding that should the AGREEMENT be terminated by the LA, the ENGINEER shall be paid for any services completed and any services partially completed. The percentage of the total services which have been rendered by the ENGINEER shall be mutually agreed by the parties hereto. The fixed fee stipulated in numbered paragraph 4d of Section II shall be multiplied by this percentage and added to the ENGINEER's actual costs to obtain the earned value of work performed. All field notes, test records and reports completed or partially completed at the time of termination shall become the property of, and be delivered to, the LA.
5. That any differences between the ENGINEER and the LA concerning the interpretation of the provisions of this AGREEMENT shall be referred to a committee of disinterested parties consisting of one member appointed by the ENGINEER, one member appointed by the LA, and a third member appointed by the two other members for disposition and that the committee's decision shall be final.
6. That in the event the engineering and inspection services to be furnished and performed by the LA (including personnel furnished by the ENGINEER) shall, in the opinion of the STATE be incompetent or inadequate, the STATE shall have the right to supplement the engineering and inspection force or to replace the engineers or inspectors employed on such work at the expense of the LA.
7. That the ENGINEER has not been retained or compensated to provide design and construction review services relating to the contractor's safety precautions, except as provided in numbered paragraph 1f of Section I.
8. This certification is required by the Drug Free Workplace Act (30ILCS 580). The Drug Free Workplace Act requires that no grantee or contractor shall receive a grant or be considered for the purpose of being awarded a contract for the procurement of any property or service from the State unless that grantee or contractor will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of a contract or grant and debarment of contracting or grant opportunities with the State for at least one (1) year but no more than five (5) years.

For the purpose of this certification, "grantee" or "contractor" means a corporation, partnership or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State, as defined in the Act.

The contractor/grantee certifies and agrees that it will provide a drug free workplace by:

(a) Publishing a statement:

- (1) Notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee's or contractor's workplace.
- (2) Specifying the actions that will be taken against employees for violations of such prohibition.
- (3) Notifying the employee that, as a condition of employment on such contract or grant, the employee will:
  - (A) abide by the terms of the statement; and
  - (B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.

(b) Establishing a drug free awareness program to inform employees about:

- (1) the dangers of drug abuse in the workplace;
- (2) the grantee's or contractor's policy of maintaining a drug free workplace;
- (3) any available drug counseling, rehabilitation and employee assistance program; and
- (4) the penalties that may be imposed upon an employee for drug violations.

- (4) the penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.
  - (d) Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
  - (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is convicted, as required by section S of the Drug Free Workplace Act.
  - (f) Assisting employees in selecting a course of action in the event drug counseling, treatment and rehabilitation is required and indicating that a trained referral team is in place.
  - (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.
9. The ENGINEER or subconsultant shall not discriminate on the basis of race, color, national origin or sex in the performance of this AGREEMENT. The ENGINEER shall carry out applicable requirements of 49 CFR part 26 in the administration of DOT-assisted contracts. Failure by the ENGINEER to carry out these requirements is a material breach of this AGREEMENT, which may result in the termination this AGREEMENT or such other remedy as the LA deems appropriate.

**Agreement Summary**

Prime Consultant:	TIN Number	Agreement Amount
V3 Companies of Illinois	36-3252440	\$836,811.28
Sub-Consultants:	TIN Number	Agreement Amount
STATE Testing	36-4312824	\$32,454.92
<b>Sub-Consultant Total:</b>		<b>\$32,454.92</b>
<b>Prime Consultant Total:</b>		<b>\$836,811.28</b>
<b>Total for all Work:</b>		<b>\$869,266.20</b>

Executed by the LA:

\_\_\_\_\_  
(Municipality/Township/County)

ATTEST:

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

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

(SEAL)

Executed by the ENGINEER:

V3 Companies of Illinois

ATTEST:

By: *Joseph J. Gallucci*  
Title: *Exec. Vice President*

By: *[Signature]*  
*Tom R. VALA, P.S.*  
Title: *Senior Vice President*

**Lake County - Quentin Road @ US 12 (Rand Road)  
Estimated Phase III Schedule**

	2011		2012												2013					
	Dec	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	June	
Utility Relocation																				
Letting																				
Construction																				
Close-Out																				
Final Records																				

**Assumptions:**

- 1) Utility Relocation Start: December 5, 2012
- 2) Construction Contract Letting: January 20, 2012
- 3) Start Construction Contract: April 2, 2012
- 4) Substantial Completion: November 23, 2012
- 5) Final Completion: May 24, 2013
- 5) Submit Final Project Records: June 21, 2013

**PAYROLL ESCALATION TABLE  
FIXED RAISES**

<b>FIRM NAME</b>	<u>V3 Companies of Illinois</u>	<b>DATE</b>	<u>09/18/11</u>
<b>PRIME/SUPPLEMENT</b>	<u>Prime</u>	<b>PSB NO.</b>	<u>Lake Co-Quentin Rd</u>
<b>CONTRACT TERM</b>	<u>19 MONTHS</u>	<b>OVERHEAD RATE</b>	<u>160.00%</u>
<b>START DATE</b>	<u>12/5/2011</u>	<b>COMPLEXITY FACTOR</b>	<u>0.035</u>
<b>RAISE DATE</b>	<u>4/1/2012</u>	<b>% OF RAISE</b>	<u>3.00%</u>

**ESCALATION PER YEAR**

<u>12/5/2011 - 4/1/2012</u>	<u>4</u>	<u>19</u>	<u>21.05%</u>	<u>1.0286</u>
<u>4/2/2012 - 4/1/2013</u>	<u>12</u>	<u>19</u>	<u>65.05%</u>	
<u>4/2/2013 - 7/1/2013</u>	<u>3</u>	<u>19</u>	<u>16.75%</u>	
				<u>2.86%</u>

The total escalation for this project would be:

## PAYROLL RATES

**FIRM NAME**  
**PRIME/SUPPLEMENT**  
**PSB NO.**

V3 Companies of Illinois  
Prime  
Lake Co-Quentin Rd

**DATE**

09/16/11

**ESCALATION FACTOR**

**2.86%**

CLASSIFICATION	CURRENT RATE	PROPOSED RATE	CALCULATED RATE	DIFF
Division Director	\$60.89		\$62.63	\$62.63
Resident Engineer 1	\$38.70		\$39.81	\$39.81
Construction Manager 1	\$35.00		\$36.00	\$36.00
Construction Tech 2	\$26.00		\$26.74	\$26.74
Project Surveyor 3	\$27.00		\$27.77	\$27.77
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00
			\$0.00	\$0.00



# Subconsultants

FIRM NAME V3 Companies of Illinois  
PRIME/SUPPLEMENT Prime  
PSB NO. Lake Co-Quentin Rd

DATE 09/16/11

NAME	Direct Labor Total	Contribution to Prime Consultant
STATE Testing	18,412.42	0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
		0.00
<b>Total</b>	18,412.42	0.00



# AVERAGE HOURLY PROJECT RATES

**FIRM**  
**PSB**  
**PRIME/SUPPLEMENT**

V3 Companies of Illinois  
 Lake Co-Quentin Rd  
 Prime

DATE 08/18/11

SHEET 1 OF 5

PAYROLL CLASSIFICATION	TOTAL PROJECT RATES				Inspection			Documentation			Survey			Project Mgt/QC			Hours	% Part.	Wgtd Avg
	Hours	% Part.	Wgtd Avg	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Division Director	160	2.11%	1.32											180	100.00%	62.63			
Resident Engineer 1	3290	43.35%	17.25	16.96	2450	42.61%	16.96	840	55.26%	22.00									
Construction Manager 1	2220	29.25%	10.53	11.90	1900	33.04%	11.90	320	21.05%	7.58									
Construction Tech 2	1760	23.19%	8.35	6.51	1400	24.35%	6.51	360	23.68%	6.33									
Project Surveyor 3	160	2.11%	0.76											160	100.00%	27.77			
<b>TOTALS</b>	7590	100%	\$38.21	\$35.37	5750	100.00%	\$35.91	1520	100%	\$27.77	160	100%	\$62.63	0	0%	\$0.00			



Firm Name: V3 Companies of Illinois

PTB/Item No: Lake Co - Quentin Rd

**REQUIRED – DIRECT COSTS WILL ONLY BE ACCEPTED FOR INCLUSION IN CONTRACT WHEN DOCUMENTED ON THIS FORM.**  
(Indicate only rate and quantities for this specific project.)

Item	Allowable	Contract (1) Rate	Quantity (n/a for work orders)	Total
Per Diem	Up to State Rate Maximum			\$0.00
Lodging (Overnight)	Up to State Rate Maximum			\$0.00
Lodging (Extended)	Actual Cost (based on IDOT's and firm's policy)			\$0.00
Air Fare Coach Rate (with two weeks' notice)	As Approved			\$0.00
Vehicles:				
Mileage	Up to State Rate Maximum			\$0.00
Daily Rate (owned or leased)	\$45/day	\$45.00	837.00	\$37,665.00
Overtime	(Premium Portion)			\$0.00
Tolls	Actual Cost			\$0.00
Digital Photo Processing	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
Cell Phones -- (traffic systems, survey, phase III only)	\$70/month/phone (maximum) – Phase III (max. of three without IDOT approval)	\$70.00	38.00	\$2,660.00
Telephone Usage (traffic system monitoring)	Actual Cost			\$0.00
2-Way Radio (survey or phase III only)	Actual Cost			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost			\$0.00
Copies of Deliverables/MyIars (in-house)	Actual Cost			\$0.00
Copies of Deliverables/MyIars (outside)	Actual Cost			\$0.00
Specific Insurance (required for project)	Actual Cost			\$0.00
CADD	Actual Cost (max. \$15.00/hour)			\$0.00
Monuments (permanent)	Actual Cost			\$0.00
Advertisements	Actual Cost			\$0.00
Web Site	Actual Cost			\$0.00
Facility Rental for Public Meetings & Exhibits/Renderings & AV	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Recording Fees	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (requires 2-3 quotes)			\$0.00
Traffic Control and Protection	Actual Cost (requires 2-3 quotes)			\$0.00
Aerial Photography and Mapping	Actual Cost (requires 2-3 quotes)			\$0.00
Utility Exploratory Trenching	Actual Cost (requires 2-3 quotes)			\$0.00
Shift Differential	Actual Cost (based on firm's policy)			\$0.00
PROJECT Site Travel	Actual Cost (based on IDOT's and firm's policy)			\$0.00
	Actual Cost (requires 2-3 quotes)			\$0.00
	Actual Cost (requires 2-3 quotes)			\$0.00
	Include 2-3 vendor quotes and explanation for necessity.			\$0.00
<b>TOTAL</b>				<b>\$40,325.00</b>

1) Used to determine upper limit of compensation for direct cost. Unless maximum is specified under allowable, bill at actual cost.

**V3 COMPANIES**  
**Payroll Rates Effective 4/28/2011**

Labor Category	Hourly Rate Range		Average Hourly Rate
	Min of Cost Rate	Max of Cost Rate	
Administration	\$15.24	\$45.15	\$26.54
Construction Administrator	\$34.00	\$38.50	\$36.25
Construction Technician II	\$26.00	\$26.00	\$26.00
Construction Technician III	\$30.00	\$31.00	\$30.40
Design Technician III	\$25.50	\$27.40	\$26.61
Division Director	\$50.50	\$76.92	\$60.89
Engineer I	\$24.00	\$25.20	\$24.40
Engineer II	\$25.60	\$27.80	\$26.95
Engineer III	\$28.00	\$31.60	\$29.80
Estimating Technician	\$18.75	\$18.75	\$18.75
Field Ecologist I/II	\$17.25	\$25.00	\$18.50
Instrument Operator	\$26.25	\$26.25	\$26.25
Operations Director	\$46.15	\$46.15	\$46.15
Principal	\$59.13	\$93.75	\$74.33
Project Engineer I	\$28.40	\$38.80	\$33.38
Project Engineer II	\$35.90	\$45.20	\$39.56
Project Manager I	\$28.85	\$37.50	\$34.61
Project Manager II	\$37.26	\$42.50	\$39.88
Project Manager II (Trans & Mun Eng)	\$53.00	\$53.50	\$53.25
Project Surveyor I/II	\$23.06	\$23.06	\$23.06
Project Surveyor III	\$27.00	\$27.00	\$27.00
Resident Construction Manager I	\$35.00	\$35.00	\$35.00
Resident Construction Manager II	\$42.00	\$45.00	\$43.50
Resident Engineer I	\$34.00	\$42.10	\$38.70
Resident Engineer II	\$48.00	\$49.00	\$48.50
Scientist III	\$24.10	\$24.10	\$24.10
Senior Construction Technician	\$30.80	\$36.00	\$32.86
Senior Development Consultant	\$57.09	\$57.09	\$57.09
Senior Estimator	\$39.18	\$39.18	\$39.18
Senior Project Engineer	\$41.70	\$41.70	\$41.70
Senior Project Manager	\$38.65	\$60.00	\$46.46
Senior Project Manager (Constr Engineering)	\$52.50	\$63.40	\$57.95
Senior Project Manager (Trans & Mun Eng)	\$60.20	\$64.20	\$63.04
Senior Resident Construction Manager	\$50.20	\$50.20	\$50.20
Superintendent	\$20.00	\$47.50	\$35.96
Survey Crew	\$26.91	\$26.91	\$26.91
Technician I	\$12.50	\$26.00	\$16.50
Technician I/II	\$22.50	\$22.50	\$22.50
Technician II	\$33.00	\$40.00	\$36.50



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 22, 2011

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Mr. David P. Heslinga  
V3 Companies Of Illinois, Ltd  
7325 Janes Ave.  
Woodridge, IL 60517-

Dear Mr. Heslinga:

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2010. Based on your reported transportation related staff and experience, you have been prequalified in the transportation specialization categories indicated on the attached summary. Your firm's total annual transportation fee capacity will be \$58,400,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 160% are approved on a provisional basis. The actual rate used in agreement negotiations may be determined by our Bureau of Budget and Fiscal Management in a pre-award audit.

Your firm is required to report to this office any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. This report must be submitted within 15 calendar days of the change.

Your firm is prequalified until December 31, 2011. You will be given an additional six months from this date to submit the entire "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Janet L. Pisani".

Janet L. Pisani, P.E.  
Acting Section Chief  
Preliminary Engineering

## SEFC PREQUALIFICATION

FIRM: V3 COMPANIES OF ILLINOIS, LTD

SOI CODE: V3INFR

DATE: 07/13/11

### PLANS, SPECIFICATIONS & ESTIMATES

1. FREEWAYS:	X	11. MOVABLE BRIDGE:	
2. ROADS AND STREETS:	X	12. STEEL GIRDER BRIDGE:	
3. AER. PLANNING & SPECIAL SERVICE		13. TIED ARCH BRIDGE:	
4. AER. DESIGN:		14. SEGMENTAL CONCRETE BOX GIRDER BRIDGE:	
5. AER. CONSTRUCTION INSPECTION:		15. CONT/CANT TRUSS BRIDGE:	
6. HIGHWAY STRUCTURE:SIMPLE:	X	16. CABLE STAYED GIRDER BRIDGE:	
7. HIGHWAY STRUCTURE:TYPICAL:	X	17. TRAFFIC SIGNALS:	X
8. HIGHWAY STRUCTURE:ADV TYPICAL:		18. LIGHTING:	X
9. HIGHWAY STRUCTURE:COMPLEX:		19. PUMPING STATION:	X
10. RAILROAD BRIDGE:	X		

### S T U D I E S

20. LOCATION DRAINAGE:	X	23. SAFETY STUDIES:	X
21. TRAFFIC STUDIES:	X	24. FEASIBILITY STUDIES:	X
22. SIGNAL COORDINATION & TIMING (SCAT):			

### HYDRAULIC REPORTS

25. WATERWAYS TYPICAL:	X	27. PUMP STATION:	X
26. WATERWAYS COMPLEX	X		

### LOCATION AND DESIGN STUDIES

28. REHABILITATION:	X	30. NEW CONST./MAJ RECONST:	X
29. RECONST./MAJ REHAB:	X		

### ENVIRONMENTAL STUDIES & REPORTS

31. E.A.:	X	32. E.I.S.:
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### SPECIAL DESIGN STUDIES

33. MASS TRANSIT:	34. RAILWAY ENGINEERING:
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### SPECIAL SERVICES

35. SURVEYING:	X	44. ARCHITECTURE:	
36. AERIAL MAPPING:		45. LANDSCAPE ARCHITECTURE:	
37. GENERAL GEOTECHNICAL SERVICES:		46. HAZARDOUS WASTE:	
38. COMPLEX GEOTECHNICAL/MAJOR FOUNDATION:		47. ASBESTOS ABATEMENT SURVEY:	
39. SUBSURFACE EXPLORATIONS:		48. CONSTRUCTION INSPECTION:	X
40. STRUCTURE GEOTECHNICAL REPORTS:		49. QA COMPLETE:	
41. ELECTRICAL ENGINEERING:		50. QA HMA & AGGREGATE:	
42. MECHANICAL ENGINEERING:		51. QA PCC & AGGREGATE:	
43. SANITARY ENGINEERING:	X	52. BITUMINOUS MIX DESIGNS	
		53. SUBSURFACE UTILITY ENGINEERING:	

X PREQUALIFIED

A YOU INDICATED "IN-HOUSE" CAPABILITY IN THESE AREA OF THE "SEFC" BUT WE FOUND NO DETAILED INFORMATION AS REQUESTED ON WHICH TO BASE OUR EVALUATION.

P PENDING FUTHER REVIEW

S PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST

L LOSS OF PREQUALIFICATION



**Illinois Department  
of Transportation**

**Cost Estimate of  
Consultant Services  
(CPFF)**

Firm STATE Testing  
 Route Quentin  
 Section \_\_\_\_\_  
 County Lake  
 Job No. \_\_\_\_\_  
 PTB & Item \_\_\_\_\_

Date 09/16/11

Overhead Rate 158.24%

Complexity Factor 0.035

Item	Manhours (A)	Payroll (B)	Overhead & Fringe Benefits (C)	In-House Direct Costs (D)	Fixed Fee (E)	Outside Direct Costs (F)	Unit Work Direct Cost (G)	Sub Total (B+C+D+E+F+G)	Total (B+C+D+E+F+G)	% of Grand Total
Soils Inspection	176	7,129.96	11,282.46	2,006.56	2,996.94	0.00	9,039.00		32,454.92	100.00%
<b>TOTALS</b>	<b>176</b>	<b>7,129.96</b>	<b>11,282.46</b>	<b>2,006.56</b>	<b>2,996.94</b>	<b>0.00</b>	<b>9,039.00</b>	<b>0.00</b>	<b>32,454.92</b>	<b>100.00%</b>

Direct Costs (STATE Testing)

CPFF = 14.5%(DL + R(DL) + OH(DL) + IHDC)





Units of Work Breakdown  
 Quentin

Lab Testing	<b><u>BITUMINOUS MATERIALS LABORATORY SERVICES</u></b>			
	TENSILE STRENGTH RATIO (T.S.R.) (ASTM D 4867) MARSHALL MIX DESIGN	\$635	EACH	\$0
	TENSILE STRENGTH RATION (TSR) SUPERPAVE MIX DESIGN	\$845	EACH	\$0
	BULK SPECIFIC GRAVITY (Gmb, or "d") GYRATORY SPECIMEN (AVG. OF 2)	\$415	EACH	\$0
	SUPERPAVE AND SMA - MAXIMUM SPECIFIC GRAVITY(Gmm)	\$165	EACH	\$0
	EXTRACTION (REFLUX) WITH WASHED GRAD. (ASTM D 2172,C 136)	\$300	EACH	\$0
	EXTRACTION (REFLUX) WITH WASHED GRAD. (ASTM D 2172,C 136)	\$225	EACH	\$0
	EXTRACTION (CENTRIFUGE) WITH WASHED GRAD.W/MOISTURE CORR. (ASTM C-566 & D-146)	\$495	EACH	\$0
	SUPERPAVE - MAXIMUM SPECIFIC GRAVITY(Gmm)-one test &BULK SPECIFIC GRAVITY (Gmb)-Avg. of 2	\$550	EACH	\$0
	STABILITY AND FLOW (AVG. OF 3) (ASTM 1559, D 2726)	\$385	EACH	\$0
	PAVEMENT ANALYSIS - SINGLE CORE(4") W/SAW CUTTING (ASTM D 2726)	\$60	EACH	\$0
	PAVEMENT ANALYSIS - SINGLE CORE(6") W/SAW CUTTING (ASTM D 2726)	\$60	EACH	\$0
	SUPERPAVE PRODUCTION MIX VERIFICATION* (Includes: Reflux Extraction, Gmm, Gmb)	\$800	EACH	\$0
	(Includes: Ignition Extraction, Gmm, Gmb)	\$725	EACH	\$0
	NUCLEAR CORRELATION UP TO 4 GAUGES -ADDITIONAL GAUGES (EACH)	\$550	EACH	\$0
	-LINEAR REGRESSION OF CORES (15 CORES/\$25 EACH)	\$55	EACH	\$0
	INVESTIGATIVE CORING - (INCLUDES ON-SITE CUTTING, DELIVERY TO LAB, UP TO 4 HOURS)	\$715	EACH	\$0
	RENTAL OF GYRATORY COMPACTOR PER DAY	\$990	EACH	\$0
	CORE ANALYSIS, 6"-EACH CORE (DENSITY & REFLUX)	\$550	EACH	\$0
	ALL BUSTED MIX DESIGNS	\$495	EACH	\$0
	<b><u>AGGREGATE LABORATORY SERVICES</u></b>			
	DRY GRADATION (ASTM C 136)	\$95	EACH	\$0
	WASHED GRADATION (ASTM C 136)	\$135	EACH	\$0
	SPECIFIC GRAVITY AND ABSORPTION (ASTM C 127, C 128)	\$220	EACH	\$0
	MOISTURE CONTENT	\$70	EACH	\$0
	MINERAL FILLER GRADATION (ASTM D 546)	\$119	EACH	\$0
	PGE TESTING (Washed Gradation)	\$255	EACH	\$0
	PGE TESTING (Dry Gradation)	\$205	EACH	\$0
	<b><u>AGGREGATE LABORATORY SERVICES(Cont)</u></b>			
	LOS ANGELES ABRASION (ASTM C 131)	\$198	EACH	\$0
	FIVE CYCLE SOUNDNESS	\$495	EACH	\$0
	UNCOMPACTED VOID CONTENT (fine aggregate)	\$131	EACH	\$0
	FLAT AND ELONGATED PARTICLES (ASTM D47)	\$135	EACH	\$0
	SAND EQUIVALENT (ASTM D 2419)	\$130	EACH	\$0
	FRACTURED PARTICLES (coarse aggregate angu	\$130	EACH	\$0
	AGGREGATE ABSORPTION (AVG. OF 3) (ASTM	\$130	EACH	\$0
	UNIT WEIGHT (ASTM C 29)	\$95	EACH	\$0

DELETERIOUS COUNT	\$130	EACH	\$0
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**PORTLAND CONCRETE LABORATORY SERVICES \***

COMPRESSIVE STRENGTH OF CYLINDERS WITH CURE TIME UP TO 28 DAYS-S.T.A.T.E. Test	\$21	EACH	\$0
WITH CURE TIME UP TO 28 DAYS-non-S.T.A.T.E	\$30	EACH	\$0
FLEXURAL STRENGTH OF BEAMS WITH IL. MODIFIED SINGLE POINT LOADING	\$55	EACH	\$0
FLEXURAL STRENGTH OF BEAMS WITH ASTM THREE POINT LOADING	\$66	EACH	\$0
SULFUR CAPPING	\$65	EACH	\$0
NON-DESTRUCTIVE TEST-SCHMIDT HAMMER (f	\$600	EACH	\$0
HIGH STRENGTH/HIGH PERFORMANCE CYLIND	\$75	EACH	\$0
A.S.R. TESTING 14-DAY (ASTM C 1260)	\$1,050	EACH	\$0
CYLINDER PICK-UP	\$215	EACH	\$0

**SOILS LABORATORY SERVICES \***

STANDARD PROCTOR (AASHTO T99, ASTM D69	\$250	10 EACH	\$2,500
MODIFIED PROCTOR (AASHTO T180, ASTM D15	\$250	EACH	\$0
PLASTICITY INDEX (AASHTO T90, ASTM D4318)	\$275	10 EACH	\$2,750
HYDROMETER TEST (AASHTO T-88)	\$135	10 EACH	\$1,350
ORGANIC CONTENT (AASHTO T-267, ASTM D-2	\$135	10 EACH	\$1,350
PH OF SOILS (AASHTO T-289)	\$160	EACH	\$0
LIQUID & PLASTIC LIMIT	\$95	EACH	\$0
CLASSIFICATION OF SOIL	\$109	10 EACH	\$1,089
BORING RIG RENTAL	\$70	EACH	\$0

TOTAL LABORATORY CHARGES

\$9,039

Total Direct Cost

\$ 9,039.00
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Direct Cost Breakdown  
**Quentin**

**Vehicles**

	Unit Cost	Quantity	Units	Total Cost
Daily Charge	\$ 45.00	32	Days	\$ 1,440.00
Milage				
				\$ 1,440.00

**Premium Overtime**

		Premium	Est OT Hours	
Overtime	Senior Technician	\$ -	0	\$ -
	Level III	\$39.04	\$ 19.52	0
	Level II	\$36.43	\$ 18.21	0
	Level I	\$33.87	\$ 16.93	0
	Material Tester 2	\$38.31	\$ 19.16	5
	Material Tester 1	\$38.31	\$ 19.16	5
				\$ 95.78
				\$ 95.78

**Night Differential**

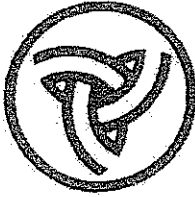
Level III	\$39.04	\$ 3.90	0	\$ -
Level II	\$36.43	\$ 3.64	0	\$ -
Level I	\$33.87	\$ 3.39	0	\$ -
Material Tester 2	\$38.31	\$ 3.83	0	\$ -
Material Tester 1	\$38.31	\$ 3.83	0	\$ -
Per union Contract hours between 6pm and 6am receives 10% Shift differential.				\$ 191.56

**Premium Overtime due to Prevailing Wage**

Other	Cell Phone	\$70	5 EACH	\$350	\$350.00
	Postage		At Cost		\$25.00

Total Direct Cost

**\$ 2,006.56**



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

March 28, 2011

Subject: PRELIMINARY ENGINEERING  
Consultant Unit  
Prequalification File

Mr. Jay J. Behnke  
S. T. A. T. E. Testing, Llc  
570 Rock Road  
Unit K  
East Dundee, IL 60118

Dear Mr. Behnke:

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2010. Based on your reported transportation related staff and experience, you have been prequalified in the transportation specialization categories indicated on the attached summary. Based on your reported Illinois staff, your firm's annual Illinois transportation fee is \$7,200,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 158.24% are approved on a provisional basis. The actual rate used in agreement negotiations may be determined by our Bureau of Budget and Fiscal Management in a pre-award audit.

Your firm is required to report to this office any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. This report must be submitted within 15 calendar days of the change.

Your firm is prequalified until December 31, 2011. You will be given an additional six months from this date to submit the entire "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Janet L. Pisani".

Janet L. Pisani, P.E.  
Acting Section Chief  
Preliminary Engineering

## SEFC PREQUALIFICATION

FIRM: S. T. A. T. E. TESTING, LLC

SOI CODE: STATE

DATE: 03/28/11

### PLANS, SPECIFICATIONS & ESTIMATES

- |                                    |                                           |
|------------------------------------|-------------------------------------------|
| 1. FREEWAYS:                       | 11. MOVABLE BRIDGE:                       |
| 2. ROADS AND STREETS:              | 12. STEEL GIRDER BRIDGE:                  |
| 3. AER. PLANNING & SPECIAL SERVICE | 13. TIED ARCH BRIDGE:                     |
| 4. AER. DESIGN:                    | 14. SEGMENTAL CONCRETE BOX GIRDER BRIDGE: |
| 5. AER. CONSTRUCTION INSPECTION:   | 15. CONT/CANT TRUSS BRIDGE:               |
| 6. HIGHWAY STRUCTURE: SIMPLE:      | 16. CABLE STAYED GIRDER BRIDGE:           |
| 7. HIGHWAY STRUCTURE: TYPICAL:     | 17. TRAFFIC SIGNALS:                      |
| 8. HIGHWAY STRUCTURE: ADV TYPICAL: | 18. LIGHTING:                             |
| 9. HIGHWAY STRUCTURE: COMPLEX:     | 19. PUMPING STATION:                      |
| 10. RAILROAD BRIDGE:               |                                           |

### STUDIES

- |                                          |                          |
|------------------------------------------|--------------------------|
| 20. LOCATION DRAINAGE:                   | 23. SAFETY STUDIES:      |
| 21. TRAFFIC STUDIES:                     | 24. FEASIBILITY STUDIES: |
| 22. SIGNAL COORDINATION & TIMING (SCAT): |                          |

### HYDRAULIC REPORTS

- |                        |                   |
|------------------------|-------------------|
| 25. WATERWAYS TYPICAL: | 27. PUMP STATION: |
| 26. WATERWAYS COMPLEX  |                   |

### LOCATION AND DESIGN STUDIES

- |                         |                             |
|-------------------------|-----------------------------|
| 28. REHABILITATION:     | 30. NEW CONST./MAJ RECONST: |
| 29. RECONST./MAJ REHAB: |                             |

### ENVIRONMENTAL STUDIES & REPORTS

- |           |             |
|-----------|-------------|
| 31. E.A.: | 32. E.I.S.: |
|-----------|-------------|

### SPECIAL DESIGN STUDIES

- |                   |                          |
|-------------------|--------------------------|
| 33. MASS TRANSIT: | 34. RAILWAY ENGINEERING: |
|-------------------|--------------------------|

### SPECIAL SERVICES

- |                                            |                                     |   |
|--------------------------------------------|-------------------------------------|---|
| 35. ROUTE SURVEY:                          | 45. ARCHITECTURE:                   |   |
| 36. LAND SURVEY:                           | 46. LANDSCAPE ARCHITECTURE:         |   |
| 37. AERIAL MAPPING:                        | 47. HAZARDOUS WASTE:                |   |
| 38. GENERAL GEOTECHNICAL SERVICES:         | 48. ASBESTOS ABATEMENT SURVEY:      |   |
| 39. COMPLEX GEOTECHNICAL/MAJOR FOUNDATION: | 49. CONSTRUCTION INSPECTION:        | X |
| 40. SUBSURFACE EXPLORATIONS:               | 50. QA COMPLETE:                    |   |
| 41. STRUCTURE GEOTECHNICAL REPORTS:        | 51. QA HMA & AGGREGATE:             | X |
| 42. ELECTRICAL ENGINEERING:                | 52. QA PCC & AGGREGATE:             | X |
| 43. MECHANICAL ENGINEERING:                | 53. BITUMINOUS MIX DESIGNS          |   |
| 44. SANITARY ENGINEERING:                  | 54. SUBSURFACE UTILITY ENGINEERING: |   |

X PREQUALIFIED

A YOU INDICATED "IN-HOUSE" CAPABILITY IN THESE AREA OF THE "SEFC" BUT WE FOUND NO DETAILED INFORMATION AS REQUESTED ON WHICH TO BASE OUR EVALUATION.

P PENDING FUTHER REVIEW

S PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST

L LOSS OF PREQUALIFICATION

Lake County: Quentin Road  
Section No.: 02-00051-08-WR

ADDENDUM #1

An Addendum to the Construction Engineering Services Agreement  
For Project M-9003(083) in the Villages of Deer Park and Kildeer  
Lake County, Illinois

CHANGES IN "AGREEMENT PROVISIONS"

UNDER "THE ENGINEER AGREES"

The following provisions are added:

- (14) That V3 Companies of Illinois will not bid the project as a contractor.
- (15) That V3 Companies of Illinois will staff the project with a designated erosion control inspector.
- (16) That V3 Companies of Illinois will not exceed the total for all work amount as stipulated on Page 5 of This Agreement without prior written approval from the County Engineer.