| | | | | |
|---|---|---|---|---|
| Municipality<br>Village of Lombard | LOCAL AGENCY | Illinois Department of Transportation<br><br>~~Preliminary~~/Construction Engineering Services Agreement For Motor Fuel Tax Funds | CONSULTANT | Name<br>V3 Companies |
| Township<br>York | | | | Address<br>7325 Janes Avenue |
| County<br>DuPage | | | | City<br>Woodridge |
| Section<br>09-00153-00-RS | | | | State<br>Illinois |

THIS AGREEMENT is made and entered into this 20th day of May , 2010 between the above Local Agency (LA) and Consultant (ENGINEER) and covers certain professional engineering services in connection with the improvement of the above SECTION. Motor Fuel Tax Funds, allotted to the LA by the State of Illinois under the general supervision of the State Department of Transportation, hereinafter called the "DEPARTMENT", will be used entirely or in part to finance ENGINEERING services as described under AGREEMENT PROVISIONS.

## Section Description

Name St. Charles Road Route fau1397 Length 2.30 KM( 1.38 Miles)(Structure No. )

Termini Illinois Route 53 (FAP 0870) to Grace Street (FAU 2619)

Description
Resident Engineering Services for St. Charles LAPP consisting of HMA pavement removal, pavement patching, leveling binder, HMA surface course, preformed pavement marking, drainage and utility structure repairs and all other incidental items to complete work of FAU Rte. 1397 from Illinois Route 53 to Grace Street in the Village of Lombard.

## Agreement Provisions

**The Engineer Agrees,**

1. To perform or be responsible for the performance of the following engineering services for the LA in connection with the proposed improvement herein before described, and checked below:

   a. ☐ Make such detailed surveys as are necessary for the preparation of detailed roadway plans.

   b. ☐ Make stream and flood plain hydraulic surveys and gather high water data and flood histories for the preparation of detailed bridge plans.

   c. ☐ Make or cause to be made such soil surveys or subsurface investigations including borings and soil profiles and analyses thereof as may be required to furnish sufficient data for the design of the proposed improvement. Such investigations are to be made in accordance with the current requirements of the DEPARTMENT.

   d. ☐ Make or cause to be made such traffic studies and counts and special intersection studies as may be required to furnish sufficient data for the design of the proposed improvement.

   e. ☐ Prepare Army Corps of Engineers Permit, Division of Water Resources Permit, Bridge waterway sketch and/or Channel Change sketch, Utility plan and locations and Railroad Crossing work agreements.

   f. ☐ Prepare Preliminary Bridge Design and Hydraulic Report, (including economic analysis of bridge or culvert types) and high water effects on roadway overflows and bridge approaches.

   Note Four copies to be submitted to the Regional Engineer

g. ☐ Make complete general and detailed plans, special provisions, proposals and estimates of cost and furnish the LA with five (5) copies of the plans, special provisions, proposals and estimates. Additional copies of any or all documents, if required shall be furnished to the LA by the ENGINEER at his actual cost for reproduction.

h. ☐ Furnish the LA with survey and drafts in quadruplicate of all necessary right-of-way dedications, construction easements and borrow pit and channel change agreements including prints of the corresponding plats and staking as required.

i. ☐ Assist the LA in the receipt and evaluation of proposals and the awarding of the construction contract.

j. ☐ Furnish or cause to be furnished:

(1) Proportioning and testing of concrete mixtures in accordance with the "Manual of Instructions for Concrete Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT and promptly submit reports on forms prepared by said Bureau.
(2) Proportioning and testing of bituminous mixtures (including extracting test) in accordance with the "Manual of Instructions for Bituminous Proportioning and Testing" issued by the Bureau of Materials and Physical Research, of the DEPARTMENT, and promptly submit reports on forms prepared by said Bureau.
(3) All compaction tests as required by the specifications and report promptly the same on forms prepared by the Bureau of Materials and Physical Research.
(4) Quality and sieve analyses on local aggregates to see that they comply with the specifications contained in the contract.
(5) Inspection of all materials when inspection is not provided at the sources by the Bureau of Materials and Physical Research, of the DEPARTMENT and submit inspection reports to the LA and the DEPARTMENT in accordance with the policies of the said DEPARTMENT.

k. ☒ Furnish or cause to be furnished

(1) A resident engineer, inspectors and other technical personnel to perform the following work: (The number of such inspectors and other technical personnel required shall be subject to the approval of the LA.)
   a. Continuous observation of the work and the contractor's operations for compliance with the plans and specifications as construction proceeds, but the ENGINEER does not guarantee the performance of the contract by the contractor.
   b. Establishment and setting of lines and grades.
   c. 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.
   d. Supervision of inspectors, proportioning engineers and other technical personnel and the taking and submitting of material samples.
   e. Revision of contract drawings to reflect as built conditions.
   f. Preparation and submission to the LA in the required form and number of copies, all partial and final payment estimates, change orders, records and reports required by the LA and the DEPARTMENT.

2. That all reports, plans, plats and special provisions to be furnished by the ENGINEER pursuant to this agreement will be in accordance with the current standard specifications and policies of the DEPARTMENT, it being understood that all such reports, plats, plans and drafts shall before being finally accepted, be subject to approval by the LA and the said DEPARTMENT.
3. To attend conferences at any reasonable time when requested to do so by the LA or representatives of the DEPARTMENT.
4. In the event plans, surveys or construction staking are found to be in error during the construction of the SECTION and revisions of the plans or survey or construction staking corrections are necessary, the ENGINEER agrees that he will perform such work without expense to the LA, even though final payment has been received by him. He shall give immediate attention to these changes so there will be a minimum delay to the contractor.
5. The basic survey notes and sketches, charts, computations and other data prepared or obtained by the ENGINEER pursuant to this agreement will be made available upon request to the LA or the DEPARTMENT without cost and without restriction or limitations as to their use.
6. To make such changes in working plans, including all necessary preliminary surveys and investigations, as may be required after the award of the construction contract and during the construction of the improvement.

7. That all plans and other documents furnished by the ENGINEER pursuant to the AGREEMENT will be endorsed by him

and will show his professional seal where such is required by law.

8. To submit, upon request by the LA or the DEPARTMENT a list of the personnel and the equipment he/she proposes to use in fulfilling the requirements of this AGREEMENT.

**The LA Agrees,**

1. To pay the Engineer as compensation for all services performed as stipulated in paragraphs 1a, 1g, 1i, 2, 3, 5 and 6 in accordance with one of the following methods indicated by a check mark:

   a ☐ A sum of money equal to _____ percent of the awarded contract cost of the proposed improvement as approved by the DEPARTMENT.

   b. ☐ A sum of money equal to the percentage of the awarded contract cost for the proposed improvement as approved by the DEPARTMENT based on the following schedule:

   Schedule for Percentages Based on Awarded Contract Cost

| Awarded Cost | Percentage Fees |
|---|---|
| Under $50,000 | _____ (see note) |
| | _____ % |
| | _____ % |
| | _____ % |
| | _____ % |
| | _____ % |

   Note: Not necessarily a percentage. Could use per diem, cost-plus or lump sum.

2. To pay for services stipulated in paragraphs 1b, 1c, 1d, 1e, 1f, 1h, 1j and 1k of THE ENGINEER AGREES at the hourly rates stipulated below for personnel assigned to this SECTION as payment in full to the ENGINEER for the actual time spent in providing these services the hourly rates to include profit, overhead, readiness to serve, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost. Subject to the approval of the LA, the ENGINEER may sublet all or part of the services provided under paragraphs 1b, 1c, 1d, 1e, 1f, 1j and 1k of THE ENGINEER AGREES. If the ENGINEER sublets all or a part of this work, the LA will pay the cost to the ENGINEER plus a five (5) percent service charge. "Cost to ENGINEER" to be verified by furnishing the LA and the DEPARTMENT copies of invoices from the party doing the work. The classifications of the employees used in the work should be consistent with the employee classifications for the services performed. If the personnel of the firm including the Principal Engineer perform routine services that should normally be performed by lesser-salaried personnel, the wage rate billed for such services shall be commensurate with the work performed.

| **Grade Classification of Employee** | **Hourly Rate** |
|---|---|
| Principal Engineer | _____ |
| Resident Engineer | _____ |
| Chief of Party | _____ |
| Instrument Man | _____ |
| Rodmen | _____ |
| Inspectors | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| | _____ |

The hourly rates itemized above shall be effective the date the parties, hereunto entering this AGREEMENT, have affixed their hands and seals and shall remain in effect until _____ . In event the services of the ENGINEER extend beyond _____ , the hourly rates will be adjusted yearly by addendum to this AGREEMENT to compensate for increases or decreases in the salary structure of the ENGINEER that are in effect at that time.

3. That payments due the ENGINEER for services rendered pursuant to this AGREEMENT will be made as soon as practicable after the services have been performed, in accordance with the following schedule:

   a. Upon completion of detailed plans, special provisions, proposals and estimate of cost - being the work required by paragraphs 1a through 1g under THE ENGINEER AGREES - to the satisfaction of the LA and their approval by the DEPARTMENT, 90 percent of the total fee based on the above fee schedule and the approved estimate of cost.
   b. Upon award of the contract for the improvement by the LA and its approval by the DEPARTMENT, 100 percent of the total fee (excluding any fees paragraphs 1j and 1k of the ENGINEER AGREES), based on the above fee schedule and the awarded contract cost, less any previous payment.
   c. Upon completion of the construction of the improvement, 90 percent of the fee due for services stipulated in paragraphs 1j and 1k.
   d. Upon completion of all final reports required by the LA and the DEPARTMENT and acceptance of the improvement by the DEPARTMENT, 100 percent of the total fees due under this AGREEMENT, less any amounts previously paid.

   By mutual agreement, partial payments, not to exceed 90 percent of the amount earned, may be made from time to time as the work progresses.

4. That should the improvements be abandoned at any time after the ENGINEER has performed any part of the services provided for in paragraphs 1a and 1g, and prior to the completion of such services the LA shall reimburse the ENGINEER
   for his actual costs plus _____ percent incurred up to the time he is notified in writing of such abandonment "actual cost" being defined as material costs plus actual payrolls, insurance, social security and retirement deductions. Traveling and other out-of-pocket expenses will be reimbursed to the ENGINEER at his actual cost.

5. That should the LA require changes in any of the detailed plans, specifications or estimates (except for those required pursuant to paragraph 4 of THE ENGINEER AGREES) after they have been approved by the DEPARTMENT, the LA will pay the ENGINEER for such changes on the basis of actual cost plus _____ percent to cover profit, overhead and readiness to serve - "actual cost" being defined as in paragraph 4 above. It is understood that "changes" as used in this paragraph shall in no way relieve the ENGINEER of his responsibility to prepare a complete and adequate set of plans.

6. That should the LA extend completion of the improvement beyond the time limit given in the contract, the LA will pay the ENGINEER, in addition to the fees provided herein, his actual cost incurred beyond such time limit - "actual cost" being defined as in paragraph 4 above.

**It is Mutually Agreed,**

1. That any difference 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.

2. This AGREEMENT may be terminated by the LA upon giving notice in writing to the ENGINEER at his last known post office address. Upon such termination, the ENGINEER shall cause to be delivered to the LA all drawings, specifications, partial and completed estimates and data if any from traffic studies and soil survey and subsurface investigations with the understanding that all such material becomes the property of the LA. The ENGINEER shall be paid for any services completed and any services partially completed in accordance with Section 4 of THE LA AGREES.

3. That if the contract for construction has not been awarded one year after the acceptance of the plans by the LA and their approval by the DEPARTMENT, the LA will pay the ENGINEER the balance of the engineering fee due to make 100 percent of the total fees due under the AGREEMENT, based on the estimate of cost as prepared by the ENGINEER and approved by the LA and the DEPARTMENT.

4. That the ENGINEER warrants that he/she has not employed or retained any company or person, other than a bona fide employee working solely for the ENGINEER, to solicit or secure this contract and that he/she has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the ENGINEER, any fee, commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award or making of this contract. For breach or violation of this warranty the LA shall have the right to annul this contract without liability.

5. All provisions of the LA's request for proposals dated April 2, 2010, the ENGINEER's proposal dated April 16, 2010 and the ENGINEER's letter of April 26, 2010 remain in full force and effect. Total compensation amount is a not to exceed amount of $204,423.84.

IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed in quadruplicate counterparts, each of which shall be considered as an original by their duly authorized offices.

Executed by the LA:

Village of Lombard of the
(Municipality/~~Township/County~~)

ATTEST:

By Brigitte O'Brien
Village Clerk

(Seal)

State of Illinois, acting by and through its

,

By

Title: Village President

Executed by the ENGINEER:

V3 COMPANIES

ATTEST:

By

Title: President

TOM R. VALAOTIS

Title: Vice President

**Approved**

JUN 15 2010

Date

Department of Transportation

Division M. O'Keefe MS

Regional Engineer

# VILLAGE OF LOMBARD

## RESIDENT ENGINEERING
## REQUEST FOR PROPOSAL

## FOR

## ST. CHARLES LAPP
## CONTRACT DOCUMENT NUMBER ST-09-05

Proposal Due Date & Time: April 16, 2010 @ 11:00 A.M.

Question and Answer Session:
April 9, 2010 @ 11:00 AM
Lombard Public Works
Conference Room

Obtain information from and submit proposals to:

David A. Dratnol, P.E.
Village Engineer
Village of Lombard
1051 S. Hammerschmidt Avenue
Lombard, Illinois 60148-3926
(630) 620-5740

Note: This cover sheet is an integral part of the contract documents and is, as are all of the following documents, part of any contract executed between the Village of Lombard and any successful firm.

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April 2, 2010

Dear Consultant:

RE: Short List Submittal Request

The Village of Lombard Public Works Department will accept sealed proposals until April 16, 2010 at 11:00 A.M. for ST. CHARLES LAPP - RESIDENT ENGINEERING.

Please refer to your submittal in response to our Request for Qualifications of January 25, 2010, as it contains all the general and special provisions for professional services. Full time resident engineering services are required on this project. Take note of the necessary signatures, various submission requirements and proposal criteria for this submittal. Please submit one original and four copies of your proposal.

This request is being sent to selected firms on the FY 2010/2011 resident engineering short-list. **The design firm is not eligible to submit a proposal.**

**Choosing to decline work will not be viewed nor interpreted negatively**. Firms so declining shall remain eligible for future short list project work.

The Village of Lombard reserves the right to reject any or all proposals, to waive any and all technicalities or to accept the proposal deemed most advantageous to the Village of Lombard.

We welcome your proposal.

THE VILLAGE OF LOMBARD
by:

*David A. Dratnol*

David A. Dratnol, P.E.,
Village Engineer

DD/fsk

# SPECIAL PROVISIONS AND REQUEST FOR PROPOSAL
## FOR
## ST. CHARLES LAPP
## RESIDENT ENGINEERING

### INTRODUCTION
The VILLAGE is seeking a professional firm to perform Resident Engineering Services, including but not limited to, construction lay-out, management, observation, inspection and construction schedule monitoring, to insure timely completion of, and quality in the constructed product, to measure in-place quantities, to keep accurate quantity books and to prepare progress payouts, change orders and record drawings. The desired services are inclusive of providing all services necessary to document construction of the project. This project will require careful monitoring of construction progress, diligent QA/QC, and a higher-than-normal degree of public involvement.

### BACKGROUND
St. Charles Road will be resurfaced from IL Route 53 to Grace Street excluding the section from Martha Street to Grace Street. The project is a LAPP project, which will be let by IDOT. The Engineer's Opinion of Probable Cost is $1,508,322.00. Funding for construction will include STP, ARRA, and local funds. Resident Engineering services will be paid from local funds.

St. Charles Road consists of four to five 11-to-12 foot lanes with B6.12 curb and gutter. The project includes the central business district (CBD) which has on street parking stalls. A total of ten intersections will be affected. The intersections of Crescent Blvd, Elizabeth St., Park St., and Main St. are signalized. At these intersections, the loop detectors will be replaced with video detection. Other major project components include asphalt surface removal, pavement patching, leveling binder, hot-mix surface course, preformed pavement marking, drainage and utility structure repairs, and other miscellaneous items of work. All of the above, as well as other project details, are further described in the contract documents for the said work prepared for the Village of Lombard by Baxter & Woodman, Inc., Consulting Engineers.

### REVIEW OF CONSTRUCTION CONTRACT DOCUMENTS
The VILLAGE will provide each ENGINEER a CD ROM or FTP posting of the complete set of bid documents. ENGINEERS may review hard copies of the construction documents for the project at the Department of Public Works. Firms interested in so doing must schedule a one-hour session during normal business hours (8:00 am - 4:30 p.m.) between April 5, 2010 and April 9, 2010. Please contact Patty Wolf-Lindstrom, Senior Secretary at 620-5740 to reserve a time slot.

### GENERAL SCOPE OF SERVICES
The ENGINEER will perform or be responsible for the performance of the following services in connection with this project. The ENGINEER shall furnish or cause to be furnished qualified engineers, construction observers and / or technical personnel to perform the following services including, but not limited to, the following tasks:

1. Attend a public information meeting on the project, discussing the scope of construction and the effects of the work on adjacent properties. Attendance at periodic meetings with residents and business owners throughout the project area is expected.

2. Attend a pre-construction conference with the contractor, VILLAGE, and other parties.

3. Obtain from the contractor a list of proposed suppliers and subcontractors. Make recommendations to the VILLAGE regarding the suitability of the subcontractors for the proposed work.

4. Review the construction schedule submitted by the contractor for compliance with the contract.

5. Check and approve, or reject and request resubmittal of, any submittals made by the contractor for compliance with the contract documents.

6. Provide all construction staking. Establish all base lines, construction stakes, and benchmarks necessary for locating the principal components of the work.

7. Observe the progress and quality of the executed work. Determine if the work is proceeding in accordance with the Contract Documents. The ENGINEER shall keep the VILLAGE informed of the progress of the work, guard the VILLAGE against defects and deficiencies in the work, advise the VILLAGE of all observed deficiencies of the work and disapprove or reject all work failing to conform to the Contract Documents.

8. Provide extensive on-site observations of the work in progress and field checks of materials and equipment through a Resident Engineer or Inspector, who shall:
   - Serve as the VILLAGE'S liaison with the contractor working principally through the contractor's field superintendent.
   - Be present whenever the contractor is performing work on-site, associated with the project.
   - Cooperate with the contractor in dealing with the various local agencies having jurisdiction over the Project in order to complete service connections to public utilities and facilities.
   - Attend all construction conferences. Arrange a schedule of progress meetings and other job conferences as required. Maintain and circulate copies of records of the meetings.
   - Review contractor's progress on a weekly basis and update the progress schedule. Compare actual progress to the contractor's approved schedule. If the project falls behind schedule, work with the contractor to determine the appropriate course of action to get back on schedule.
   - Arrange for any material testing required under the contract with the VILLAGE'S geotechnical testing consultant.
   - Perform weekly barricade checks. The inspection shall be made between sunset and sunrise. The Barricade Check Reports shall be completed and delivered to the Public Works Department. Notify the contractor of, and take appropriate steps to correct, any deficiencies noted.
   - Maintain orderly files of correspondence, reports of job conferences, shop drawings and other submissions, reproductions or original contract documents including all addenda, change orders and additional drawings issued subsequent to the award of the contract.
   - Record names, addresses and telephone numbers of all contractors, subcontractors, and major material suppliers.
   - Prepare payment requisitions and change orders utilizing village forms. Review applications for payment with the Contractor for compliance with established submission procedure and forward them with recommendations to the VILLAGE.
   - Prior to final inspection, submit to the contractor a list of observed items requiring correction and verify that each correction has been made.
   - Conduct final inspection with the VILLAGE and prepare a final list of items to be corrected.
   - Verify that all items on the final list have been corrected and make recommendations to the VILLAGE concerning acceptance.

- Except upon written instructions of the VILLAGE, the Resident Engineer or Inspector shall not authorize any deviation from the Contract Documents.
- Prepare and distribute a periodic newsletter for distribution to the affected residents.
- Carry and utilize a cellular telephone with "walkie-talkie" feature compatible with the VILLAGE's cellular telephones (preferably "Nextel").
- The ENGINEER shall prepare all forms that require execution by the VILLAGE (Change orders & payouts).
- Keep an inspector's daily report book in the VILLAGE'S format, or other required format appropriate for the project, recording hours on the job site, weather conditions, general and specific observations, daily activities, quantities placed, inspections, decisions, and list of visiting officials.

9. Determine if the project has been completed in accordance with the contract document and if the contractor has fulfilled all obligations.

10. Shop Drawings and Contractor Submittals:

- Record data received, maintain a file of drawings and submissions, and check construction for compliance with them.
- Review Contractor's submittals for compliance with contract documents. Notify the VILLAGE of any deviations or substitutions. With the notification, provide the VILLAGE with a recommendation for acceptance or denial, and request direction from the VILLAGE regarding the deviation or substitution.
- Alert the Contractor's field superintendent when materials or equipment are being installed before approval of shop drawings or samples, where such are required, and advise the VILLAGE when it is necessary to disapprove work as failing to conform to the Contract Documents.

11. Record Drawings:
- Document the location (vertically and horizontally) of sewer and water services.
- Maintain a set of Record Drawings on which all changes are noted. Deliver a reproducible set of drawings, AutoCAD drawing file(s) and PDF format drawing files on CD ROM to the VILLAGE at the completion of the Project. Sewer and water services shall be documented on 8½ x 11 sketches (individual service location sheets) in the VILLAGE's required format.
- The Resident Engineer shall deliver a draft of the record drawings for the underground utilities within fifteen days of the substantial completion of the construction of the underground utilities. This submittal shall include both the full size plans and the individual service location sheets.
- All project structures, valves, vaults, bends, and other appurtenances are to be located with GPS coordinates and delivered in a GIS format acceptable to the VILLAGE. Coordination with the VILLAGE will be required to determine specific information to be included.

12. The ENGINEER shall comply with the VILLAGE Personal Protective Equipment (PPE) policy. The policy at minimum requires anyone on a construction site to wear a safety vest and steel-toed shoes. Various situations calling for further safety requirements are indicated in the policy.

13. Provide Resident Engineering Services necessary to satisfy IDOT policies and procedures for LAPP projects and ARRA funding.

**PROVISIONS BY LOMBARD**

The VILLAGE will provide the following information and services to the ENGINEER:

1. Design reports, plans, specifications, and geotechnical investigations.
2. Utility maps for water, sewer and street lighting.
3. Standard VILLAGE forms in paper and electronic formats.
4. A construction material testing consultant.
5. Limited use of office equipment.
6. AutoCAD drawing file(s) for producing record drawings.
7. Copy of the VILLAGE's PPE Policy.

**PERIOD OF PERFORMANCE**

The duration of the work shall coincide with the Contractor's schedule. The project should be substantially complete within 55 working days from receiving the authorization to proceed.

The ENGINEER shall provide sufficient staff to properly perform all of the required services in a timely manner, so as to not delay completion of the project.

**SELECTION AND PROJECT SCHEDULE**

The selection process will entail multiple steps:

1) Issuance of the RFP by the VILLAGE.
2) Submittal of written proposals from the ENGINEERs. The submittal shall include the ENGINEER's Project Understanding, Scope of Work and other pertinent information to enable the VILLAGE to determine the Most Qualified Firm (MQF) for this project. The ENGINEER shall provide a detailed and thorough analysis of the project and the scope of work to clearly demonstrate his understanding and insight into the project.
3) The VILLAGE's selection committee will review the proposals received and rank the firms in order to determine the MQF for this project.
4) The MQF will then be asked to prepare and submit their work effort and fee proposal. The selection committee will review the work effort and fee proposal in conjunction with the ENGINEER's Project Understanding and Scope of Work, and will meet with the MQF to negotiate the scope of work, the work effort and the fee. If the VILLAGE and the ENGINEER come to agreement over the scope of work, the work effort and the fee, then the VILLAGE will prepare an engineering agreement between the VILLAGE and the ENGINEER for execution by the ENGINEER and VILLAGE. If the VILLAGE and the ENGINEER cannot come to agreement over the scope of work, the work effort and the fee, then the VILLAGE will proceed to negotiate with the second ranked firm.

***Resident Engineering Selection Schedule***

| | |
|---|---|
| Request for Proposal Issued | April 2, 2010 |
| Question & Answer Session | April 9, 2010 |
| Proposal Due | April 16, 2010 |
| Selection Committee Rec. | April 22, 2010 |
| Scoping / Negotiations | April 26, 2010 |
| Board of Trustees Agenda | April 28, 2010 |
| Board of Trustees Approval | May 6, 2010 |

***Project (Construction) Schedule***

| | |
|---|---|
| Bid Opening (IDOT letting) | April 23, 2010 |
| Award of Contract | TBD |
| Preconstruction Meeting | TBD |
| Notice to Proceed | TBD |
| Substantial Completion | TBD |
| Closeout & Record Drawings | TBD |

## EVALUATION OF PROPOSALS

The ENGINEER shall submit written proposals that meet the requirements outlined herein. All proposals that meet these requirements shall be evaluated based upon a scale of 1 to 10 in the following categories.

DETERMINATION OF MOST QUALIFIED FIRM:

**A) Project Understanding**

Criteria: Is a clear understanding of the project stated and demonstrated throughout? Is a clear understanding of the required services demonstrated throughout? Has the ENGINEER included a detailed analysis of the project, its requirements and areas of concern?

**B) Scope of Work**

Criteria: Is the scope detailed and comprehensive? Is the scope consistent with the teaming and staffing levels? Are innovative techniques presented?

**C) Project Team**

Criteria: Is the Resident Engineer qualified to manage all phases of the project? Has the Resident Engineer demonstrated ability in construction of similar projects? Does the support staff have extensive experience with related work? Is there an appropriate mix of professional and technical staff? Are all required disciplines identified for this scope of work? If sub-consultants are proposed, have they worked with the ENGINEER before? Have all team members had similar experience regarding project scope and magnitude?

| Criteria | Weight |
|---|---|
| Project Understanding | 25 |
| Scope of Work | 25 |
| Project Team | 50 |
| **Total Maximum Points** | **1,000** |

## PROPOSAL FORMAT

The name of the firm and the location of the office which will have responsibility for this project must be indicated along with the name, address and phone number of a contact person responsible for and knowledgeable of this proposal. List the project team in the format outlined in the January 25, 2010 RFQ. Include only similar municipal project experience for proposed team members. Include only résumés not contained in your February 12, 2010, Statement of Qualifications.

Proposals shall be organized in the following manner.

- Introduction
- Project Understanding
- Scope of Work
- Project Team
- Resume's (if needed)
- Project Proposal Form

Submit **one (1)** original and **four (4)** copies of your proposal.

# SHORT LIST PROJECT PROPOSAL FORM

We hereby agree to furnish to the VILLAGE, services as outlined in the accompanying proposal in accordance with provisions, instructions, and specifications of the VILLAGE. An authorized agent of the ENGINEER must sign this form. If the ENGINEER is a corporation, the corporate seal must be affixed.

The successful ENGINEER will be required to agree to and sign the Village of Lombard contract and appendices (sexual harassment policy, tax liability, and CDL testing.) They are provided for the ENGINEER'S information in Appendices 1 and 2 of the January 25, 2010 Request for Qualifications.

This Proposal shall be binding for ninety (90) days following the scheduled proposal due date.

My signature certifies that the Proposal as submitted complies with all terms and conditions as set forth in the Notice of Request For Proposals for ST. CHARLES LAPP – RESIDENT ENGINEERING.

I/We hereby certify that I/We am/are authorized to sign as an agent(s) of the firm:

*PLACE CORPORATE SEAL HERE*

By.....: _____

Print Name .....: _____

Position/Title.....: _____

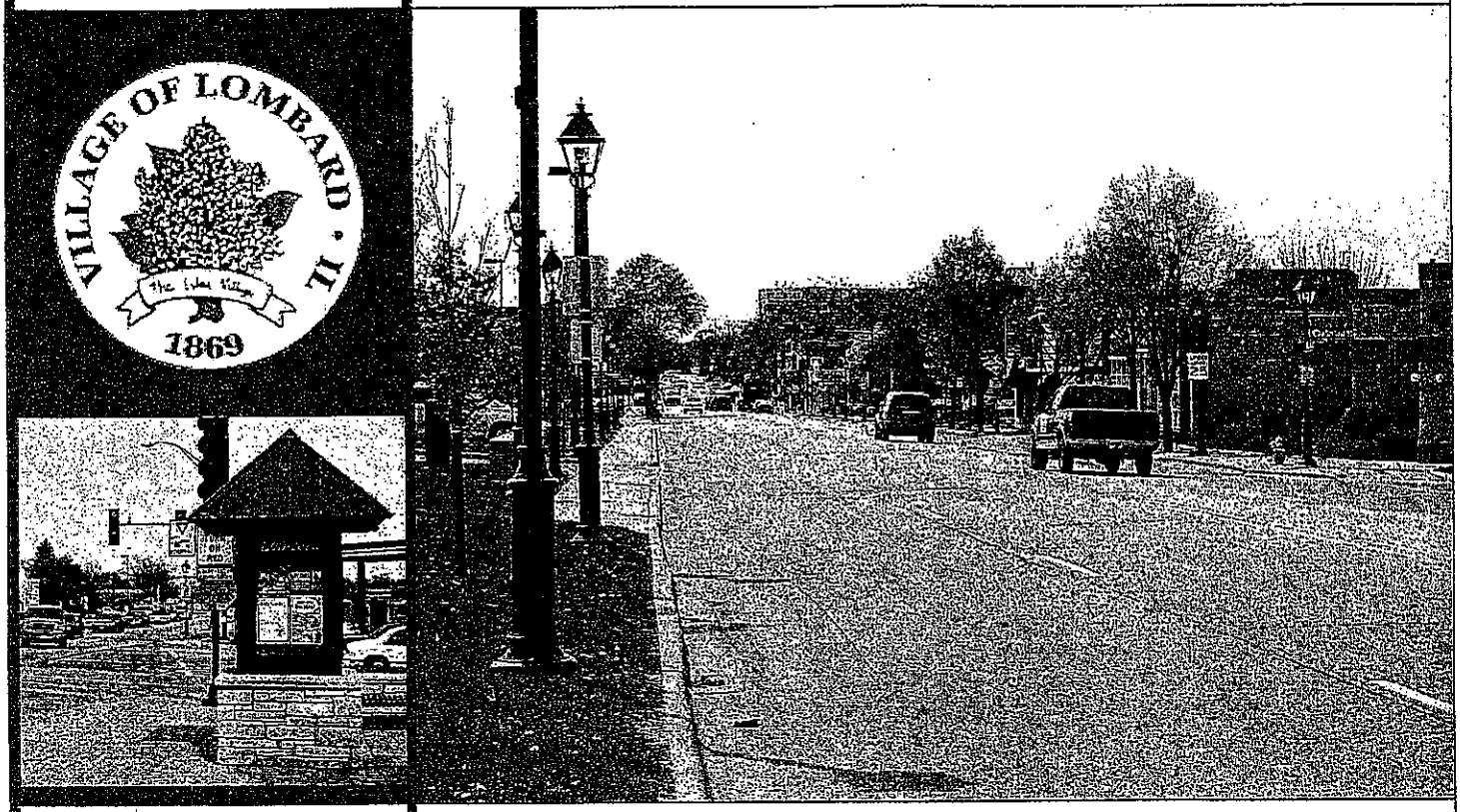
Company Name .....: _____

Address line 1 .....: _____

Address line 2 .....: _____

Telephone.....: _____

Original



# St. Charles LAPP
# No. ST-09-05

April 16, 2009

April 16, 2010

Mr. David A. Dratnol, P.E.
Village Engineer
Village of Lombard
1051 South Hammerschmidt Avenue
Lombard, Illinois 60148-3926

**Re: Resident Engineering Request for Proposal for St. Charles LAPP**

Dear Mr. Dratnol:

V3 Companies is the right choice to perform Resident Engineering services for the St. Charles LAPP project. We are confident that our team has the experience and technical skills to exceed the expectations of the Village.

The advantages of using V3 for this project are:

- We have a clear understanding of the project goals, have identified the significant issues and prepared a plan to resolve them. V3 has also been recognized for our ability to communicate with area residents and businesses during the construction process and we will utilize our proven approach on this project.

- The proposed staff has extensive experience successfully delivering projects in a municipal setting. Our personnel are fully familiar and experienced with IDOT documentation, materials testing and reporting requirements.

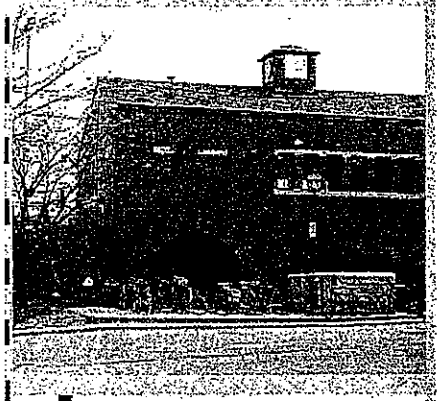
- Our firm has provided similar services recently for other municipal clients in the area. We have provided similar services to the Village of Downers Grove for the last two years. We are also currently mid-way through a similar ARRA project for the Village of Woodridge.

We look forward to working with the Village of Lombard on this project, and we are available to answer any questions or to further expand upon this submittal. Please feel free to contact me at (630) 724-9200 or at tvalaitis@v3co.com. x6286

Sincerely,
V3 Companies

Tom Valaitis, P.E.
Construction Division Director

TRV/vad
Attachments



# TABLE OF CONTENTS

# 25 Years of Helping You Deliver ...

Year Founded: 1983

Number of Employees: 200

Ownership

*V3 is employee owned and operated, providing our team members with the opportunity to serve you from an owner's perspective.*

*Serving all your land development, natural resource, environmental and infrastructure needs from offices in:*

ALBERTA, CANADA
CHICAGO, IL, USA
DENVER, CO, USA
DUBAI, UAE
JEDDAH, SAUDI ARABIA
PHOENIX, AZ, USA
RIYADH, SAUDI ARABIA

+1 630 724 9200 | V3CO.COM

**Focused. Goal Oriented. Adaptable. Responsive.**

Your projects are challenging enough: the battle for funding, escalating costs, impossible deadlines. When it's that tough just to get a project off the ground, you need an engineering, natural resources and surveying firm that knows the ropes and can deliver your objectives.

At V3, we understand your challenges. Our team members have spent time in the trenches and have first-hand experience dealing with the dilemmas you face. You can count on our deep base of technical and managerial experts to be dedicated to achieving your objectives with excellence and superior service.

Our singular mission is to focus on your goals. We have long served municipalities, counties, state agencies, forest preserves, park districts and railroad clients with a full array of professional services. V3's team of experts across this wide range of disciplines will enhance your project's performance from initial programming to final closeout. When it comes to public projects ... we have what it takes to get the job done right.

*V3 | VISIO, VERTERE, VIRTUTE...The Vision to Transform With Excellence*

# Hear From Your Peers ...

*"[V3's] reviews have been quite thorough, complete and on-time, and they were able to adjust their staffing level to meet our ever-changing needs. An additional benefit is that V3 has a wide range of specialists on staff. Whether the Village needs a surveyor, structural engineer or a wetland expert, V3 has what we need."*

*Tom Pawlowicz*
*Village of Bolingbrook*

*"V3 has done a great job on our project. Their dedication and focus on customer satisfaction is unbelievable. They did what was necessary to ensure that all of the contractor's work was done according to the plans and specifications of the project. From computers to testing equipment, V3 utilized the latest technology and has a staff that is very proficient in using it."*

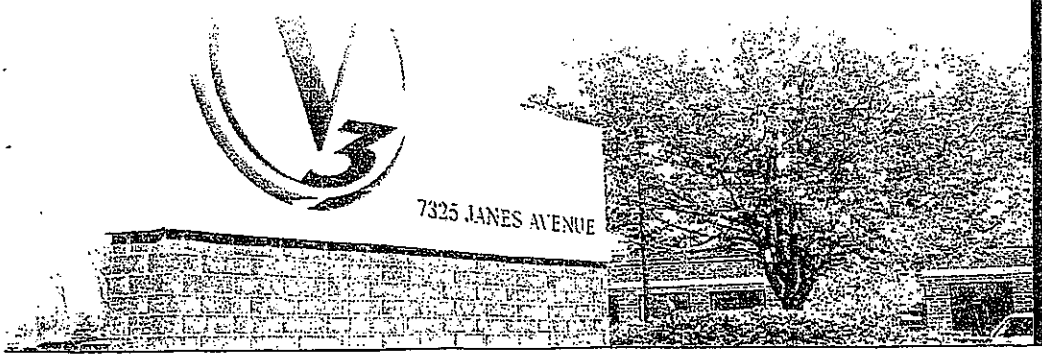
*Joseph E. Crowe, P.E.,*
*District Engineer, Illinois Department of Transportation*

*"V3 is a great company to work with. [They] handled all the Village requests with eagerness and professionalism. Also, [they] are extremely thorough [and] paid great attention to detail that made this huge task seem easily manageable."*

*Jim Tock, E.I.*
*Staff Engineer, Village of Downers Grove*

## V3 professionals are licensed to practice in ...

| | | |
|---|---|---|
| Arizona | Illinois | Minnesota |
| Colorado | Indiana | Missouri |
| Idaho | Kansas | Wisconsin |




## Capabilities & Expertise


Transportation, Traffic & Structural

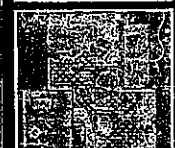

Municipal Consulting


Construction Engineering & Program Management


Geosciences

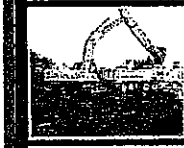

Water Resources

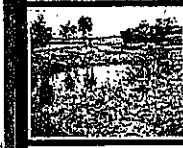

Environmental & Brownfields


Wetlands & Ecology


Ecological Restoration


Survey & Mapping


Construction Management & Contracting


LEED/Sustainable Design & Construction Services


Land Development Consulting


Land Strategies & Entitlements

# *Project Understanding*

V3's understanding of the St. Charles Road LAPP project was developed from the Request for Proposal, the pre-proposal meeting, site visits and contract document reviews.

**General Overview of Construction Work**

The project area is located on St. Charles Road beginning just east of Route 53 and ending just west of Grace Street. The actual paving limits end just west of Martha Street and there is a paving omission from that point to Grace Street. The surrounding area for the western portion of the project is primarily residential. The eastern portion of the project runs through the central business district with various businesses located on both the north and south side of the street. There is also a commuter railroad station located at Main Street with associated surface parking in the area.

Construction is anticipated to begin some time after the April 23, 2010 bid opening. The anticipated duration is 55 working days.

The general scope of work includes: curb and gutter removal and replacement, sidewalk removal and replacement, milling of existing bituminous pavement, full-depth patching with bituminous replacement, drainage structure adjustment, placement of polymerized level binder, placement of bituminous surface course, installation of video detection equipment, striping and restoration.

**General Consultant Scope of Services**

The consultant will be providing Resident Engineering Services, including construction staking, management, observation and inspection, measurement of quantities, documentation per Village standards, preparation of record drawings, addressing residents' and business owners' concerns and acting as liaison between the contractors and the Village. **A detailed Scope of Services is presented in the Scope of Work Section.**

**Detailed Construction Scope Summary**

**Curb and Gutter Removal and Replacement**

- Curb and Gutter Removal and Replacement will be determined in the field by the engineer. Approximate locations are shown on the plans.
- Curb and Gutter Removal and Replacement Special includes the removal and resetting of brick paver sidewalks adjacent to the curb.
- Existing and proposed curb and gutter is B6.12.

**Sidewalk Removal and Replacement**

- Final locations of Sidewalk Removal and Replacement will be determined in the field by the engineer. Approximate locations are shown on the plans.
- Handicap Ramps require Cast Iron Detectable Warnings.

**Patching, Milling and Resurfacing**

- The contractor is required to mill the existing pavement before patching.
- Patching locations shown in the plans are approximate. Final layout will be determined after milling is complete.
- Milling depth from Route 53 to approximately Lincoln Avenue will be 3 1/4". Milling depth from Lincoln Avenue to Martha Street will be 1 ½".
- Resurfacing from Route 53 to approximately Lincoln Avenue will consist of 1" of polymerized leveling binder and 2 ¼" of N70 Bituminous Surface Course. Resurfacing from Lincoln Avenue to Martha Street will be 1 ½" of N70 Bituminous Surface Course.

# *Project Understanding*

**Video Detection**

- Installation of video detection systems is proposed at the following intersections: Crescent Boulevard, Elizabeth Street, Park Avenue and Main Street.
- The existing signals belong to the Village of Lombard. V3 will coordinate with Meade Electric as the Village's Maintenance Contractor for the maintenance transfer and final acceptance of the work.
- The existing detector loops at these locations will be abandoned with lead in cables removed from the existing conduits.
- The final location of detection zones will be determined in the field by consultant and Village personnel.

**Areas of Concern**

The following site specific areas of concern have been identified. **Steps that V3 will undertake to address these concerns will follow in the Scope Section.**

- **Public Relations** - The Village has gone to great lengths to develop a strong relationship with residents and business owners in the area. The V3 team has an excellent reputation managing the public relations side of municipal construction projects and will continue the good will that has previously been developed.
- **Parking** – The central business district has parallel parking on both sides of the street. This parking is critical to provide access to the businesses and restaurants in the area. Minimizing disruption to this parking will minimize negative impacts to the businesses along St. Charles Road.
- **Pedestrian movements** – The proximity of the commuter train station and the central business district present specific challenges. Pedestrian traffic from local residences as well as the commuter parking lots will be crossing the work zone during the morning and evening rush hours. Maintaining a safe pathway for pedestrians will be critical.
- **Maintaining drainage** – Motorists will be driving on a milled surface for a period of time. During that time the surface of the roadway will be from 1 ½" to 3 ¼" below the top of the drainage structures. Special accommodation will be needed to ensure that stormwater runoff does not accumulate on the pavement and impact thru traffic.
- **Timely Patching, Structure Adjustment and Resurfacing** – Patching and structure adjustments cannot be completed until the milling operations are complete. Ordinarily, these operations have slower production rates. As a result, motorists must drive on milled surfaces for an extended period of time. They must endure drainage structures that are adjusted to the final elevations, striping that is difficult to see and pavement that is difficult to keep clean. In order to minimize the duration from milling to final bituminous paving, the contractor will need to expedite the patching and paving operations.
- **Outside Utilities** – One Com Ed pole needs to be relocated as part of this project. In addition, an AT&T vault in the roadway may require reconstruction of its concrete roof and a new frame and lid. V3 will coordinate with both utilities to ensure that work is completed in a timely manner and the overall schedule is not adversely impacted.
- **Other Adjacent Projects** – The Village will be undertaking the following projects in the area: St. Charles Watermain Improvements, Main Street LAPP, Old Towne East Phase 5 and Main Street Lighting. V3 will coordinate with the Village and its consultants to ensure that conflicts do not occur.
- **Multiple Funding Sources** – This project will be funded from a variety of sources. Special attention will be needed to properly document the work to ensure the requirements of the funding agencies are met. V3 is currently completing an ARRA project for the Village of Woodridge and has experience with LAPP projects as well.
- **Cruise Night Coordination** – On Saturday evenings during the summer months, the Village hosts a "Cruise Night" on St. Charles Road through the central business district. Even though the event does not start until 5:00 pm, cars begin arriving between 2:00pm-3:00pm. V3 will coordinate with the contractor to thoroughly clean the area at the end of the day Friday and if any Saturday work is scheduled, ensure the work ends before the event begins.

# Scope of Work

V3 is experienced and familiar with the consultant's scope of work and the Village's expectations. We are committed to providing the services listed in the Request for Proposal. In addition to those services, V3 will provide the following to address the Areas of Concern listed in the Project Understanding Section:

**Public Relations**

- Reach out to stakeholders both before and during construction to provide information on upcoming contractor activities as well as respond to specific concerns.
- During the construction phase, provide specific dates and times of individual driveway construction. Our experience has shown that people are much more willing to endure the inconvenience of road construction if they are informed and feel they have an open line of communication to air their concerns.
- Document resident and business owner interaction in a separate log. Provide a historical record of past contacts and resolution of concerns.

**Parking**

- Eliminate storage of contractor vehicles and equipment from parking spaces.
- Minimize concurrent work on both sides of the street in order to keep at least one side open for parking.
- Communicate with businesses to inform them of impacts to the parking spaces in front of their building.
- Improve parking space visibility, by using temporary striping to delineate parking spaces after milling operations are complete.

**Pedestrian Movements**

- Keep pedestrian cross-walks clean and free of debris.
- Minimize work in cross-walk areas during the morning and evening rush hours.
- Monitor traffic signal timing and pedestrian movements at Main Street. Make adjustments if needed to allow sufficient time for pedestrians to clear the intersection.

**Maintaining Drainage**

- Explore options such as drilling weep holes in drainage structures to minimize the accumulation of stormwater on the pavement prior to placement of the final surface course.

**Timely Patching, Structure Adjustment and Resurfacing**

- Confirm schedule for patching and structure adjustments prior to milling. Ensure that sub-contractors and material suppliers commit to meet the proposed schedule.

**Outside Utilities**

- Communicate directly with utility design and construction staff in order to ensure timely completion of their work.

**Other Adjacent Projects**

- Attend progress meetings for the other projects to create a direct line of communication.
- Develop contingency plans to address any potential scheduling conflicts.

**Multiple Funding Sources**

- V3 has on staff IDOT's former head of Documentation. She is available to provide a QA review of the project documentation to ensure it complies with LAPP and ARRA funding requirements.
- V3 is currently completing an ARRA project for the Village of Woodridge and the Chicago Department of Transportation and is familiar with the specific documentation and reporting requirements.

# Scope of Work

**Cruise Night Coordination**

- Reach out to the Cruise Night coordinators to ensure they are aware of the project and inform them of the contractor's upcoming schedule.
- Make contractor aware of upcoming Cruise Nights and requirements for cleaning pavement and removing equipment and materials from the site.
- Establish a regular Friday afternoon cleaning and sweeping of the central business district work zone.
- Inspect the central business district work zone at the end of the day Friday to confirm the cleaning was completed.

# *Project Team Overview*

The main objectives of the project team are to complete the project on time or earlier and to ensure all items of work are constructed in accordance with specifications and procedures. Our proposed team was chosen specifically for this project based on their individual expertise and experience with similar projects.

**Mr. Tom Valaitis** will serve as our Project Manager. Mr. Valaitis has over 25 years of experience in the design and construction of roadway projects in Illinois and is V3's Construction Division Director. Before joining V3, Mr. Valaitis was the Bureau Chief of Construction for Illinois Department of Transportation, District One. He will provide guidance to the Resident Construction Manager to assure that V3's high standard of service is maintained.

**Mr. George Malek** will serve as the Resident Construction Manager. Mr. Malek has over 40 years of experience in the design and construction of similar projects. Although Mr. Malek will be new to the Village, he has been with V3 Companies for almost eight years. He has extensive experience with projects for Des Plaines, Deerfield, St. Charles, Palatine and Waukegan. His approach to managing contractors, communicating with residents and interacting with Village staff is always calm and professional. Mr. Malek will be responsible for on site observation and documentation of the day to day operations of the contractors and will interface directly with residents and business owners. In this role George will maintain our high standard of excellence, and will assist with coordination with the Village staff, the local community and other affected agencies. Mr. Malek is committed to performing full-time resident engineering during this project.

**Mr. Ed Benesh** will serve as a field engineer as the contractor's activities require. He has recently served as Assistant Resident Engineer on the Village's Main Street Access Improvements, Main Street STP project and the Westmore/Meyers Road LAPP project. Mr. Benesh has continued to add to his skill set by gaining successful experience dealing with business owners and residents on the fast-paced Main Street and Westmore/Meyers projects. Mr. Benesh is a former employee of the Village of Lombard and has a broad understanding of Lombard's procedures and staff. This Village experience coupled with his project management skills will serve the Village of Lombard well. Ed is scheduled to sit for the Professional Engineer examination in April, 2010.

For a complete listing of V3 staff members and their experience on specific projects, and for V3's project experience on numerous projects similar in nature, please refer to the *Staff and Relevant Experience* Sections of our Short List Statement of Qualifications.

# V3 Team – Organizational Chart

## St. Charles LAPP – ST-09-05

V3 Companies

Subconsultants


**Project Manager / QA**

Tom Valaitis, P.E.

**Resident Construction Manager**

George Malek

**Project Design Consultant**

Baxter & Woodman, Inc.

**Field Engineer**

Ed Benesh, E.I.T.

**Village's Materials Testing Consultant**

# Staff Experience

The following is a tabulation of V3 Staff Members similar experience attained in the past five years. Please note that we have limited our staff experience descriptions to the format requested in the Request for Qualifications and have only listed projects very similar in nature to those expected to be encountered in the Village of Lombard. Complete resumes on any of our staff can delivered to the Village at anytime.

| Name/Registration/Title | Years of Exp./@Firm | IDOT/Municipal Project Experience |
|---|---|---|
| **Tom Valaitis, P.E.**<br>**QA/QC**<br><br>REGISTRATIONS:<br>Professional Engineer:<br>Illinois, 062-048075, 1993<br><br>PROFESSIONAL ASSOCIATIONS:<br>Illinois Road & Transportation Builders Association<br>American Council of Engineering Companies<br><br>CONTINUING EDUCATION:<br>U.S. D.O.T.:<br>Contract Administration<br>Contract Claims<br>Value Engineering Workshop<br><br>IDOT Training:<br>Executive Leadership Development Series<br>Total Quality Management | 25/6 | ***I-355 (North-South Tollway) Extension, Will County, Illinois –*** Project Manager for the design and construction of this $730 million, 12.5-mile extension of Interstate 355. Project challenges included inheriting the long-delayed project with decade-old design plans. V3, serving as the Corridor Manager, re-tooled program schedules, contract packages and management approach, including innovative design/build and value engineering concepts that resulted in $10 million reduction of original budget. V3 oversaw 15 construction sections and coordinated activities with 24 local agencies. Project responsibilities included schedule control, cost control and documentation for the corridor. V3 conducted environmental studies, obtained related federal permits, and designed and constructed a 300-acre wetland mitigation site.<br><br>***Project Director for the following projects:***<br>• Westmore Meyers, Lombard IL –Village of Lombard<br>• Herrick Road & Galusha, Wheaton IL – Community School District 200<br>• Main Street STP, Lombard IL – Village of Lombard<br>• North Lake Shore Drive Pavement Overlay, Chicago IL – City of Chicago DOT<br>• Milwaukee Avenue, Glenview & Prospect Heights IL – ISTHA<br>• Randall Road & RT 64 Intersection Improvements |
| **George Malek**<br>**Resident Engineer**<br><br>CONTINUING EDUCATION:<br>IDOT QC/QA PROGRAM:<br>Bituminous Concrete Density Tester<br>Mixture Aggregate Technician<br><br>Aggregate Technician<br>HMA Level I & II<br><br>Portland Cement Concrete Level I & II<br><br>IDOT TRAINING:<br>Material Management for Resident Engineers | 41/7 | ***City of Des Plaines, Illinois – Various Projects & Years***<br>• Webster Lane Reconstruction<br>• Algonquin Road<br>• CIP Alley Improvements<br>• Lee Street Water Main<br>• CIP Improvements – Contract<br><br>Construction Manager for numerous City of Des Plaines reconstruction and rehabilitation projects including PCC and HMA pavements, storm & sanitary sewer installation, water main construction, traffic signals, street lighting, curb & gutter, sidewalks, driveways, landscaping and other items related to the improvements. Services provided included construction inspection and observation, verification of contractor's staking, Q/A field materials testing, complete project documentation, preparation and recommendation of change orders, extra work orders and pay estimates, coordination with residents, businesses, utilities local, State and Federal agencies. Total estimated construction cost in excess of $20.0 million. |

# Staff Experience

| | | |
|---|---|---|
| Pontis Bridge Inspection Safety Inspection of In-Service Bridges<br><br>Bridge Scour Evaluation<br><br>Construction Materials Inspection Documentation<br><br>Certified Documentation Reviewer (CN 09-0200)<br><br>ICORS Training<br><br>Policy and Project Management<br><br>TROXLER:<br>Nuclear Gauge Safety<br>Gauge USA and Radiological Safety (RSO)<br><br>NATIONAL HIGHWAY INSTITUTE:<br>Safety Inspection of In-Service Bridges | | ***Waukegan, Illinois – Multi-year Street Rehabilitation Program***<br>• Contract A thru Contract D (17 streets)<br>• Belvidere Sanitary Sewer Rehabilitation<br>• Lewis Avenue Resurfacing<br>• Traffic Signal Modernization Contract<br><br>Construction Manager for several individual contracts for the complete reconstruction or rehabilitation of approximately 23 mile of arterial and residential roadways including new storm sewers, sanitary sewers & water mains, sidewalk, curb & gutter, and other items related to the improvements. Services provided included preparation of plans, specifications and cost estimates as well as performing construction management, verification of contractor's staking, Q/A field materials testing, complete project documentation, preparation and recommendation of change orders, extra work orders and pay estimates, coordination with residents, businesses, utilities local, State and Federal agencies. Total estimated construction cost of approximately $10.0 million.<br><br>***Stratford Road Reconstruction, Deerfield, Illinois*** – Project Manager for the complete reconstruction of approximately 10,000 SY of full depth HMA pavement including new storm sewers, sanitary sewers and water mains, curb and gutter, landscaping and other items related to the improvements. Services provided included construction inspection and observation, verification of contractor's staking, Q/A field materials testing, complete project documentation, Preparation and recommendation of change orders, extra work orders and pay estimates, coordination with public and private utilities, local businesses and local, State and Federal agencies. Estimated construction cost of $1.8 million.<br><br>***Wood Street Extension, Palatine, Illinois*** – Project Manager/Resident Engineer for the construction of approximately 3,300 LF of full depth HMA pavement and parking facility through the Margret S. Riemer Reservoir including new storm sewers, curb and gutter, traffic signals and other items related to the improvements. Services provided included construction inspection and observation, verification of contractor's staking, Q/A field materials testing, complete project documentation, Preparation and recommendation of change orders, extra work orders and pay estimates, coordination with private utilities, local businesses and local, State and Federal agencies. Estimated construction cost of $1.8 million.<br><br>***Bourbon Square, Palatine, Illinois*** – Project Manager, Water Distribution Improvements: Water main and pavement improvements consisting of; installation of approximately 12,000 feet of water main, building services and metering devices and reconstruction of existing bituminous pavement and appurtenances. Construction was performed throughout an established PUD of over 640 units. Construction cost $2.4 Million. |

# Staff Experience

| | | |
|---|---|---|
| | | ***Willow Road/Waukegan Road Improvements, Founder's Drive, Northbrook, Illinois*** – Liaison Engineer representing the owner for a major commercial development (Willow Festival) located in Northbrook Illinois. This project included the widening and rehabilitation of the intersection of two major urban arterial roadways, Willow Road and Waukegan Road (IL 43). The work included PCC pavement widening, storm sewers and utility relocations. This project also included the construction of a four lane full depth bituminous divided roadway with water mains, storm and sanitary sewers, roadway lighting, traffic signal installation, new sidewalks and bike paths were also constructed and other related improvements. Services provided include construction inspection and observation, Q/A field materials testing, review and recommendation of authorizations and partial pay estimates and coordination with the Construction Manager and local agencies.<br><br>***Randall Road & IL 64 Intersection Improvements, St. Charles, Illinois*** – Project Manager for the widening and reconstruction of Randall Road through the intersection of Randall Road and Illinois Route 64 in St. Charles, Illinois. The scope of work included the widening of both roadways to include exclusive right turn lanes and double left turn lanes. IL Rte. 64 now has two through-lanes in each direction and Randall Road has three through-lanes in each direction. Extensive infrastructure relocations including water mains ranging in size from 6 inches to 16 inches and storm sewers ranging in size from 12 inches to 60 inches were required. As part of this project, numerous utilities needed to be relocated. New sidewalks and bike paths were constructed along Randall Road and a ninety-foot long pedestrian underpass was constructed at the north end of the project. New street lighting and traffic signals with interconnection and emergency preemption systems, and raised irrigated landscaped medians were constructed. Estimated construction cost of $15.8 million. |
| **Ed Benesh, EIT**<br>**Assistant Resident Engineer**<br><br>REGISTRATIONS:<br>Engineering in Training:<br>Illinois, 061033019<br><br>CONTINUING EDUCATION:<br>APWA TRAINING:<br>Project Finalization Procedures<br><br>IDOT TRAINING:<br>Documentation of Contract Quantities: #07-0354 | 6/5 | ***Main Street STP & Access Improvements, Lombard, Illinois*** – Assistant Resident Engineer for utility improvements, traffic signal improvements, roadway widening and surface improvements. The Main Street STP and Access Improvement work is contained between Roosevelt Road to the south and Wilson Avenue to the north. Within the limits of the project, there are residences, businesses, several crossroads, Lombard Pines Shopping Plaza and Glenbard East High School (GEHS).<br><br>Resident Engineering Services included construction staking, management, observation and inspection, measurement of quantities, documentation per IDOT and Village standards, preparation of record drawings, addressing residents' and business owners' needs and acted as liaison between the contractors, IDOT and the Village. |

| | | |
|---|---|---|
| Construction Materials Inspection Documentation<br><br>Bridge Construction Inspection | | The scope of construction activities included roadway widening and resurfacing. Associated improvements entailed earth excavation and pavement removal, storm sewer improvements and drainage structures, watermain replacement, sanitary sewer replacement, curb & gutter replacement, sidewalk replacement, driveway reconstruction and pavement marking. In addition, several signalized intersections where modified and improved along with the addition of a signalized<br><br>***Westmore/Meyers Road LAPP Improvements, Lombard, Illinois*** – Assistant Resident Engineer whose responsibilities include: Liaison between the Village of Lombard (VOL), the contractors, and IDOT; provide on-site observation to insure contractor was adhering to IDOT and VOL standards; keep in constant communication with residents and business owners throughout project to inform them of project status - including door to door distribution of news letters; provide contractor with necessary layout for construction activities; measure quantities and recorded necessary documentation using IDOT's Illinois Construction Record System (ICORS); coordinate with the contractors Quality Control subconsultant and VOL's Quality Assurance subconsultant to insure proper testing is performed on all necessary pay items; maintain Record drawings throughout project and prepare CADD Record Drawings; performed all final documentation per IDOT's Project closeout requirements.<br><br>***Medinah Road (Ch24) Rehabilitation, Medinah, Illinois*** – Project Engineer for the rehabilitation of nearly 2 miles of Medinah Road in Medinah, Illinois, for the DuPage County Division of Transportation. The project included the widening and resurfacing of over a mile of the existing pavement including the addition of several new turn lanes and re-profiling of the roadway and complete reconstruction of nearly one mile of roadway. Approximately 10,000 feet of large diameter concrete storm sewer pipes were installed utilizing several flow restricting control structures to minimize outflow rates during storm events. Work is also included the removal and reconstruction of the Medinah Road bridge structure over Spring Brook Creek, construction of several retaining walls and replacement of traffic signals. |

# SHORT LIST PROJECT PROPOSAL FORM

We hereby agree to furnish to the VILLAGE, services as outlined in the accompanying proposal in accordance with provisions, instructions, and specifications of the VILLAGE. An authorized agent of the ENGINEER must sign this form. If the ENGINEER is a corporation, the corporate seal must be affixed.

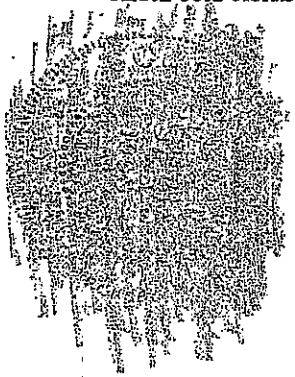
The successful ENGINEER will be required to agree to and sign the Village of Lombard contract and appendices (sexual harassment policy, tax liability, and CDL testing.) They are provided for the ENGINEER'S information in Appendices 1 and 2 of the January 25, 2010 Request for Qualifications.

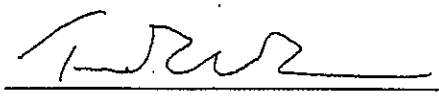
This Proposal shall be binding for ninety (90) days following the scheduled proposal due date.

My signature certifies that the Proposal as submitted complies with all terms and conditions as set forth in the Notice of Request For Proposals for ST. CHARLES LAPP – RESIDENT ENGINEERING.

I/We hereby certify that I/We am/are authorized to sign as an agent(s) of the firm:

*PLACE CORPORATE SEAL HERE*



By.....: 

Print Name.....: Tom Valaitis, P.E.

Position/Title.....: Director Construction Engineering

Company Name.....: V3 Companies

Address line 1.....: 7325 Janes Ave.

Address line 2.....: Woodridge, IL 60517

Telephone.....: 630-724-9200

## St. Charles LAPP - Personnel and Hours

| | | PM / Director | RE | RI | INSP | DR | TOTAL HOURS | % of HOURS | TOTAL COST |
|---|---|---|---|---|---|---|---|---|---|
| Rate | | $70.00 | $46.60 | $29.50 | $25.00 | $20.00 | | | |
| Pre-Construction Services | 0 | 5 | 80 | 80 | 0 | 0 | 165 | 9.10% | $6,438.00 |
| Layout | 0 | 0 | 20 | 60 | 0 | 0 | 80 | 4.41% | $2,702.00 |
| Public Relations | 0 | 0 | 240 | 70 | 0 | 0 | 310 | 17.10% | $13,249.00 |
| Inspection | 0 | 0 | 120 | 420 | 0 | 0 | 540 | 29.78% | $17,982.00 |
| Dcoumentation/Administration | 0 | 50 | 270 | 100 | 0 | 0 | 420 | 23.17% | $19,032.00 |
| Record Drawings | 0 | 0 | 8 | 20 | 0 | 20 | 48 | 2.65% | $1,362.80 |
| Post-Construction/Closeout | 0 | 10 | 120 | 120 | 0 | 0 | 250 | 13.79% | $9,832.00 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00% | $0.00 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00% | $0.00 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00% | $0.00 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00% | $0.00 |
| Subtotal: | 0 | | | | 0 | | 1813 | | |
| % of Hours | 0.00% | 3.59% | 47.32% | 47.99% | 0.00% | 1.10% | | 100.00% | |
| TOTAL COST | $ - | $ 4,550.00 | $ 39,982.80 | $ 25,665.00 | $ - | $ 400.00 | | | $70,597.80 |
| MULTIPLIER | 2.80 | | | | | | | | $ 197,673.84 |
| DIRECT COSTS | | | | | | | | | $ 6,750.00 |
| TOTAL COST | | | | | | | | | $ 204,423.84 |

**PM/Director = Project Manager/Director= Tom Valaitis, P.E.**
**RE = Resident Engineer = George Malek**
**RI = Resident Inpsector = Ed Benesh, E.I.**
**INSP = Inspector = To be determined**
**DR = CADD Draftsman = To be determined**

### Direct Costs

Vehicles - 2 Vehicles x $45/day x 75 days = $6750.00

**Total Direct Costs = $6,750.00**

### Project Multiplier

| | |
|---|---|
| Overhead Rate | 1.63 |
| Direct Labor | 1.00 |
| Profits @ 0.145% | 0.38 |
| Calculated Multiplier | 3.011 |

**Our approved IDOT overhead rate is 1.63. We propose to use a multiplier of 2.800 for this project.**