



# REQUEST FOR PROPOSALS TITLE PAGE

Include This Page as the First Page in Your Proposal Response

## City of Lynchburg, Virginia Procurement Division

Proposal Title: **Engineering Design Services for Intersection Improvement at Lakeside and Old Forest Road at Lynchburg College**

This is the City of Lynchburg's Request for Proposals (RFP) No. 14-870, issued August 22, 2013. Direct inquiries for information should be directed to Stephanie Suter: e-mail: [stephanie.suter@lynchburgva.gov](mailto:stephanie.suter@lynchburgva.gov); Phone: 434-455-3963; Fax: 434-845-0711. All requests for clarification of or questions regarding this RFP must be made in writing and received by 2:00 p.m., September 12, 2013. All responses to this solicitation shall be in strict accordance with the requirements set forth in this RFP document and the ensuing contract documents.

Sealed proposals will be publicly accepted prior to **4:00 p.m., September 26, 2013**; however, only the names of firms responding will be available for announcement. Proposals received after the stated due date and time shall not be considered. Submit proposals in a sealed, opaque envelope, and put the RFP number, title, due date and time on the lower left front. Offerors are responsible for having their proposal stamped by Procurement Division staff before the deadline indicated above and acknowledge all addenda so issued in the space provided below. Any alteration or changes to this RFP will be made only by written addendum issued by the Procurement Division, and all Offerors are responsible for obtaining issued addenda from the City's Procurement website: <http://www.lynchburgva.gov/current-solicitations>.

Acknowledge receipt of addenda here: No. \_\_\_\_\_ Date: \_\_\_\_\_ No. \_\_\_\_\_ Date: \_\_\_\_\_

Submit Proposals: BY MAIL, GROUND DELIVERY, OR HAND DELIVER TO:

Procurement Division  
Third Floor City Hall  
900 Church Street  
Lynchburg, Virginia 24504

**Information the Offeror deems Proprietary is included in the proposal response in section(s):** \_\_\_\_\_

See Paragraph B. on page 2 for guidelines on submitting proprietary information.

In compliance with this Request for Proposals and all the conditions imposed therein, the undersigned offers and agrees to furnish the services in accordance with the attached proposal or as mutually agreed by subsequent negotiations. By my signature below, I certify that I am authorized to bind the Offeror in any and all negotiations and/or contractual matters relating to this Request for Proposals. Sign in ink and type or print requested information.

Full Legal Name of Offeror: \_\_\_\_\_

Fed ID OR SOC. SEC. NO.: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: ( ) \_\_\_\_\_

\_\_\_\_\_ Fax: ( ) \_\_\_\_\_

Signature: \_\_\_\_\_

Typed or Printed Name, Title

City Procurement Manager's Signature

## I. SUBMISSION OF PROPOSALS

- A. **An original (1), so marked, and (5) copies, so marked, for a total of (6)** of your proposal document are required. In addition, one (1) copy of proposal in an electronic format, either floppy disk or CD in Microsoft Word format or PDF file format must also accompany your proposal. The City will not assume responsibility for reproduction where an insufficient number of copies have been supplied. In any such case, the City will notify the Offeror of the deficiency and request that the appropriate number of copies be delivered within 24 hours. Failure to comply with this or other requirements of this Request for Proposal shall be grounds for the City to reject such proposals. Telegraphic or facsimile submission of proposals is not acceptable and any such proposals will not be considered. Nothing herein is intended to exclude any responsible Offeror or in any way restrain or restrict competition. All responsible Offerors are encouraged to submit proposals.
- B. Submission of Proprietary Information: Trade secrets or proprietary information submitted by an Offeror in connection with this procurement transaction shall not be subject to public disclosure under the Virginia Freedom of Information Act; however the Offeror must invoke the protection of this section prior to or upon submission of the data or the materials, and must identify the data or other materials to be protected and state the reason why protection is necessary (Section 2.2-4342F of the Code of Virginia). **Offerors shall submit, in a separate section of the proposal, any information considered proprietary and any copyrighted material and clearly identify the information as proprietary and/or copyrighted information. Offerors may not declare their entire proposal proprietary nor may they declare proposed pricing to be proprietary.**
- References may be made within the body of the proposal to proprietary information; however all information contained within the body of the proposal not in the separate section labeled proprietary shall be considered Public Information.
- C. Proposals having any erasures or corrections must be initialed by the Offeror in ink.
- D. The City reserves the right to accept or reject any or all proposals, to waive informalities, and to reissue any request for proposals and to award contracts to multiple Offerors. Any contract resulting from this Request for Proposal shall not be exclusive to the Successful firm. The City reserves the right to contract with firms not party to the resultant contract for similar work if it determines this to be in their best interest.
- E. By submitting a proposal response, the Offeror agrees that the proposal response will not be withdrawn for a period of 90 days following the due date for proposal responses.
- F. By submitting a proposal response, the Offeror certifies that it has not combined, conspired or agreed to intentionally rig, alter or otherwise manipulate, or to cause to be rigged, altered or otherwise manipulated its proposal response for the purpose of allocating purchases or sales to or among persons, raising or otherwise fixing the prices of the goods or services, or excluding other persons from dealing with the City.
- G. By submitting a proposal response, the Offeror certifies that its proposal is made without collusion or fraud and that it has not offered or received any kickbacks or inducements from any other Offeror, supplier, manufacturer or subcontracting firm in connection with its proposal; and that it has not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised.
- H. The City will not be responsible for any expense incurred by any Offeror in preparing and submitting a proposal response. All proposals submitted will become the property of the City.

## **II. GENERAL INFORMATION AND OBJECTIVE**

### **Scope of Work:**

The City of Lynchburg is seeking proposals from highly qualified firms interested in providing engineering design services for the intersection improvements at Lakeside and Old Forest Road at Lynchburg College. Services will include, but are not limited to: traffic engineering, access management, roadway design, storm water design, geotechnical analysis, and preparation of detailed plans, specifications, traffic control plan, cost estimates, bid assistance and other optional services such as engineering inspection, hazardous materials investigations.

Responding firms will be required to identify specifically the availability/qualifications of proposed project members assigned to provide this service, current workload, projects of the firm which illustrate capabilities relevant to this project.

A conceptual layout of this intersection is attached.

**Phases:** The following phases include all activities required by the engineer to undertake and accomplish a full and complete project design, including (but not limited to):

#### **Preliminary Design Phase:**

1. Review all constraints and parameters as may be applicable to the design of the project.
2. Shall conduct all meetings with City staff and affected Federal, State regulatory agencies to obtain information and to coordinate or resolve design matters.
3. Utilize VDOT documents as necessary. Conduct necessary public meetings and hearings necessary to complete this phase.
4. Identify and design any necessary utility relocation for the final alignment of the project.
5. Evaluate existing engineering data, field investigations, surveys and engineering/environmental studies, and prepare permit applications for submission to the appropriate authority(s) where such permits are required.
6. Recommend solutions and meet with City of Lynchburg to determine final design configuration.
7. Prepare detailed plans, specifications and preliminary cost estimates. Meet with City project manager on a monthly basis to review progress.
8. Adhere to the City's published design standards and standard bidding format.

#### **Final Design Phase:**

1. Facilitate public meetings or hearings conducted by the City and assist in answering questions. Meet monthly with City project manager to review progress.
2. Prepare final plans and specifications based on the preliminary plan approval and applicable federal, state, local regulations and requirements.
3. Print and provide necessary copies of engineering drawings and final contract specifications.
4. Plans shall be prepared in the latest available version of AutoCAD.
5. Review of traffic issues such as access management, intersection configuration, and traffic control plan and pavement markings; prepare conceptual MOT plans for inclusion in bid package.

#### **Bidding Phase:**

1. Prepare plans and specifications and obtain written approval by City Transportation Engineer and City Engineer.

2. Present completed package, including a recommended listing of potential bidders, with complete email addresses, to the City for advertisement and public posting.
3. Attend any pre-bid conferences, review bids and recommend to the City award to the lowest responsive, responsible bidder who complies with all Federal, State and Local regulations. Engineer's recommendation must be in writing and must clearly state supporting reasoning for recommendations.

**Responsibilities of the City:**

1. Prepare the final bid document and post the solicitation and all notifications as required. The City will pay for any advertising costs.
2. Guarantee access to and make all provisions for the Engineer to enter upon public and private property as required for the Engineer to perform his/her services under this agreement.
3. Furnish all required approvals and permits from governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
4. Give prompt written notice whenever the City observes or otherwise becomes aware of any development that affects the scope or timing of the Engineer's services.

**Mandatory Requirements:**

1. Compliance with all applicable terms of this RFP and the subsequently negotiated Contract.
2. Compliance with all applicable standards of the associated profession
3. Compliance with all applicable Federal, State and local laws

**III. PROPOSAL PREPARATION**

The proposal response must address the items included in the Scope of Services and the Criteria for Proposal interpretation of evaluation. Proposals should be prepared simply, providing straightforward and concise responses to requests for information and descriptions of qualifications and capabilities. Responses shall be limited to no more than five total pages of narrative excluding the cover and title page, including all other materials. Each copy of the proposal must be bound with all documentation in a single volume. Failure to do so will result in a lowered evaluation. Incomplete proposals may be determined nonresponsive.

Offerors should organize their proposals using the format described below:

1. Letter of transmittal including name, address and telephone number of firm, including the location of the office that will directly contract for the work. Include in this letter a brief summary as to why the firm(s) feels qualified to provide the requested services as well as all proposed team members;
2. Brief history of the firm;
3. Years in business as an established firm;
4. The name, position and telephone number of contact person authorized to conduct negotiations and authorize final contracts or otherwise bind the firm to a contractual relationship;
5. A specific listing of services the firm is uniquely qualified to provide;
6. Specific staff experience, by professional and educational qualifications, as it relates to providing services for the project scope;
7. Proposed project manager and lead technical positions to be committed to this project and the availability of those individuals;
8. Understanding of the project and the proposed approach; and

9. List 3 current and past work assignments of similar nature that the firm has directly contracted to provide within the last five years with names, address and telephone number of references.

## **V. CRITERIA FOR PROPOSAL EVALUATION**

### **Evaluation Criteria:**

1. Expertise, extent of experience and performance on projects of similar nature. Identify all disciplines available within the firm and those that will be subcontracted to others which are relevant to the project scope.
2. Qualifications of individuals assigned to project.
3. Demonstrated competency and qualifications.
4. Demonstrated understanding of the project.
5. Proposed approach.
6. Adequacy of firm's resources available to provide the services for the Contracts within the time, budget and operational constraints that may be present and the comments and/or recommendations of the engineering firm's previous clients as well as others references.

## **VI. METHOD OF AWARD**

Following evaluation of the written proposals as submitted, presentations shall be held prior to selection. The opportunity to present shall be made to two or more Offerors deemed to be fully qualified and best suited among those submitting proposals, on the basis of the factors involved in the Request for Proposal, and respondents ranked 1, 2, 3 or more. Upon completion of the presentations the selection committee shall select the number 1 ranked firm and the City project manager shall begin negotiations with that firm in an attempt to reach an agreement to provide the services. Price shall be considered, but need not be the sole determining factor. If after negotiations have been conducted with the top ranked firm, an agreement cannot be reached, negotiations will be terminated with that firm, and negotiations began with the firm ranked number 2. This procedure will continue until an agreement is reached or negotiations are terminated and the services re-solicited. At any stage of the selection process should the City determine in writing and in its sole discretion that only one Offeror is fully qualified, or that one Offeror is clearly more highly qualified than the others under consideration, a contract may be negotiated and awarded to that Offeror.

## **VII. CONTRACT TERM**

The initial term of this contract shall be for (\_\_\_\_\_) from contract signing, upon mutual consent of the parties to the contract. Any time extensions granted by the City shall be by written amendment signed by both parties to the original agreement.

## **VIII. GENERAL TERMS AND CONDITIONS**

### **A. Subcontracting and Assignment of Work**

The successful firm shall not subcontract or assign portions of the work, other than those specifically defined in the CONTRACT, without the express written consent of the City. A description of any work the Offeror proposes to subcontract shall be submitted to the City for review and approval along with the name and address of the individual, firm, or corporation that is the proposed subcontracting firm. This submittal shall also include a list of the key personnel that the subcontractor firm will assign to the project. All work performed by any subcontractor firm shall be coordinated by the successful firm and the successful firm will be responsible to the City for all work performed by any subcontracting firm or special consultant.

B. Payment for Services

Payments to the successful firm shall be made within 30 days after receipt of an approved invoice for services provided in the previous month. Backup documentation for each invoice shall be provided in detail satisfactory to the City. The successful firm's records and documentation supporting such invoices shall be made available to the City upon reasonable request. The successful firm agrees to retain all records, documents and support materials relevant to the CONTRACT for a period of five years following final payment.

C. Independent Successful firm

The successful firm is an independent successful firm and nothing contained in a subsequent CONTRACT shall constitute or designate such firm or any of its agents or employees as employees of the City.

D. Notification

Any notice required by the Contract shall be effective if given by registered mail, return receipt requested, to the Successful firm in the name and at the address given in its proposal submission; provided that change of address shall be effective if given in accordance with this paragraph. Unless otherwise specified, any notice to the City shall be given to the City of Lynchburg, Procurement Administrator, 900 Church Street, Lynchburg, VA 24504. The Successful firm agrees to notify the City immediately of any change of legal status or of address. Any notice provided in accordance with this paragraph shall be deemed to have been completed five calendar days after the date of mailing.

E. Termination and Ownership of Documents

The City reserves the right to terminate the contract upon written notice to the Successful firm. In the event of termination pursuant to this paragraph which is not the fault of the Successful firm, the Successful firm shall be paid for all services provided through the date of termination. The contract will terminate immediately upon failure of the City of Lynchburg, City Council to appropriate funds for its continuance.

The Successful firm agrees that all information and materials gathered and/or prepared by or for it under the terms of the CONTRACT shall be delivered to, become and remain the property of the City upon completion of the work or termination of the CONTRACT. The City shall have the right to use and reproduce the data and reports submitted hereunder, without additional compensation to the Successful firm.

F. Insurance

The selected firm shall be required to maintain in force such insurance, in amounts acceptable to the City, as will protect himself and the City from claims which may arise out of or result from the execution of the work, whether such execution be by himself, his employees, agents, subcontractor firms or by anyone for whose acts any of them may be liable. This coverage should include, at a minimum, Worker's Compensation, General Liability (including premises/operations, independent successful firms, products and completed operations, contractual liability and personal injury liability) and Professional Liability. All insurance shall be provided by companies authorized to conduct business in the Commonwealth. The selected firm shall furnish the City with an original Certificate of Insurance upon request. The Certificate should name the City as additional insured. The selected firm shall notify the City at least 30 days prior to policy cancellation, non-renewal or reduction of coverage.

G. Laws and Regulations

The Successful firm shall abide by all Federal, State and Local laws and regulations governing the provision of the services called for in the contract. The Successful firm shall give notice and comply with all laws, ordinances, rules, regulations, and lawful orders of any public authority bearing on the performance of the work. Any legal proceedings arising out of or related to this agreement shall be

filed by the parties in the City of Lynchburg General District Court or the Lynchburg Circuit Court.

H. Additional Services

The City may add to the Scope of Services or make changes in the Scope of Services any services of a similar nature to those specified in the Scope of Services of this Request for Proposals as mutually agreed to at a price mutually agreed upon.

I. Severability

Each paragraph and provision of the resultant contract will be severable from the entire agreement and if any provision is declared invalid, the remaining provisions shall remain in effect.

J. Licenses and Permits

The Successful firm shall secure and pay for all permits, governmental fees and licenses necessary for the proper execution and completion of the work which are legally required prior to and during the work. The City will not charge for any permits required by the City of Lynchburg.

K. Nondiscrimination

If the resultant contract exceeds \$10,000, during the performance of the contract, the Successful firm agrees as follows:

- a. The Successful firm will not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin, except where religion, sex or national origin is a bona fide occupational qualification reasonably necessary to the normal operation of the Successful firm. The Successful firm agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this non-discrimination clause.
- b. The Successful firm, in all solicitations or advertisements for employees placed by or on behalf of the Successful firm, will state that such Successful firm is an equal opportunity employer.
- c. Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
- d. The Successful firm will include the provisions of the foregoing paragraphs a, b and c in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontracted firm or vendor.

L. Payments to Successful Firms

In accordance with Virginia Code Section 2.2-4354 the Successful firm agrees that:

1. Should any contractor be employed by the Successful firm for the provision of any goods or services under this Contract, the Successful firm agrees to the following:
  - (a) The Successful firm shall, within seven days after receipt of any payments from the City pursuant to this Contract, either:
    - (1) Pay the subcontractor for the proportionate share of the total payment received from the City attributable to the goods or services provided by the subcontractor; or
    - (2) Notify the City, as applicable, and the subcontractor, in writing, of the intention to withhold all or a part of the subcontractors firm's payment with the reason for nonpayment. Written notice to the City shall be given to: City of Lynchburg, Procurement Administrator, 900 Church Street, Lynchburg, VA 24504.
  - (b) The Successful firm shall pay interest to the subcontractors firm, at the rate of one percent per month on all amounts owed to the subcontractors firm that remain unpaid after seven days following receipt of payment from the City for goods or services provided under this

Contract, except for amounts withheld under subparagraph (a)(2) above.

- (c) The Successful firm shall include in each of its subcontracts a provision requiring each subcontractors firm to include or otherwise be subject to the same payment and interest requirements with respect to each lower-tier subcontractors firm.
  - (d) The Successful firm's obligation to pay an interest charge to a subcontractors firm shall not be an obligation of the City.
  - (e) No contract modification shall be allowed for the purpose of providing reimbursement for these interest charges. No cost reimbursement claim shall include any amount for reimbursement of these interest charges.
2. Invoice processing is to be in strict accordance with the rules and regulations set forth by the applicable Jurisdiction and the *Code of Virginia* Section 2.2-4352, requiring payment of invoices within 30 days of receipt of a proper invoice. No promises or commitments on the part of any employee of the Public Body shall bind the Jurisdiction to any other terms and/or conditions other than those set forth in procedures issued by the Public Body.
- (a) Invoices shall be submitted to the City on a monthly basis. The City shall pay the amount of the invoice within thirty (30) days. However, the City shall have the right to verify information contained on an invoice and extend the time of payment until information is received to correct any errors found therein. The invoices submitted shall include, at a minimum, the following information:
    - (1) Project name, city and state project number;
    - (2) City Project Manager;
    - (3) City assigned Contract Number;
    - (4) Not to exceed amount or lump sum amount;
    - (5) Total payments requested to date;
    - (6) Payments received;
    - (7) Balance due;
    - (8) Invoice number;
    - (9) Period during which services were performed; and
    - (10) Brief description of work covered by invoice.
  - (b) Payments shall not be considered as evidence of satisfactory performance of the work either in whole or in part, nor shall any payment be construed as acceptance by the City of any defective work. The City reserves the right to withhold payment in the event the City believes that the work is unsatisfactory.

M. Contractual Claims

Contractual claims, whether for money or other relief, shall be submitted in writing no later than 60 days after final payment; however, written notice of the Successful firm's intention to file such claim shall have been given at the time of the occurrence or beginning of the work upon which the claim is based. Any notice or claim shall be delivered to the City's Procurement Administrator, Third Floor City Hall, 900 Church Street, Lynchburg Virginia 24504 and shall include a description of the factual basis for the claim and a statement of the amounts claimed or other relief requested. The City's Procurement Administrator shall render a decision on the claim and shall notify the Successful firm within 30 days of receipt of the claim. The Successful firm may appeal the decision of the City's Procurement Administrator by providing written notice to the City Manager, within 15 days of the date of the decision. The City Manager shall render a decision on the claim within 60 days of the date of receipt of the appeal notice and such decision shall be final unless the Successful firm appeals the decision in accordance with the Virginia Public Procurement Act. Invoices for all services or goods provided by the Successful firm shall be delivered to the City no later than 30 days following the conclusion of the work or delivery of the goods.

N. Taxes

The Successful firm shall pay all City, State and Federal taxes required by law enacted at the time proposals are received and resulting from the work or traceable thereto, under whatever name levied. Said taxes shall not be in addition to the contract price as the taxes shall be an obligation of the Successful firm and not of the City and the City shall be held harmless for same by the Successful firm.

O. Indemnification

To the fullest extent permitted by law, the Successful firm, for itself, heirs, representatives, successors and assigns agrees to save, defend, keep harmless and indemnify the City and all of its officials, agents and employees (collectively, the "City") from and against any and all claims, loss, damage, injury, costs (including court costs and attorney's fees), charges, liability or exposure, however caused, resulting from, arising out of or in any way connected with the Successful firm's performance (or nonperformance) of the agreement terms or its obligations under this agreement.

P. Contract Assignment

The resultant contract may not be assigned, in whole or part, without the written consent of the City.

Q. Royalty and License Fees and Copyright, Trademark and Patent Protection

The Successful firm shall pay all royalty and license fees relating to the items covered by the contract. In the event any third party shall claim that the manufacture, use and sales of these goods offered hereby constitutes an infringement of any copyright, trademark, or patent, the Offeror shall indemnify and hold harmless the City from any cost, expense, damage or loss incurred in any manner by the City on account of such alleged infringement.

R. Responsibility for Property

The Successful firm shall be responsible for damages to property caused by work performed under the CONTRACT. Property damage to surrounding or adjoining areas caused directly or indirectly by actions or omissions of the Successful firm shall be repaired or replaced by the Successful firm, to the satisfaction of the Owner, at the Successful firm's expense.

S. Precedence of Documents

The precedence of documents shall be as follows: the CONTRACT, the Request for Proposals and the Offeror's response to the Request for Proposals.

T. Administrative Appeals Procedure

- (a) The following are the exclusive procedures for a bidder or offeror to protest the city's award or decision to award a contract.
- (1) Any protest to award a contract shall be in writing and shall be delivered so that it is received by the city manager not later than five (5) business days after announcement of the award or decision to award, whichever comes first. Otherwise any such protest shall be deemed to be waived.
  - (2) Except for a protest of an emergency or sole source procurement, a protest of a city award or decision to award a contract may only be made by a person who submitted a bid or proposal for the procurement at issue and who was reasonably likely to have its proposal accepted but for the city's decision. In the case of an emergency or sole source procurement, a protest may only be made by a person who can show that he was reasonably likely to have submitted a successful bid or proposal if the procurement had been other than emergency or sole source.
  - (3) Protests shall only be granted if (1) the protester has complied fully with this Sec. 18.1-6 and there has been a violation of law, the Lynchburg public procurement code, or mandatory terms

of the solicitation that clearly prejudiced the protestor in a material way, or (2) a statute requires voiding of the decision.

- (4) The city manager shall issue a written decision on a protest within ten (10) days of its receipt by the city manager.
  - (5) If the protest is denied, the protestor may only appeal the denial or otherwise contest or challenge procurement by then filing suit in the Lynchburg circuit court, Lynchburg, Virginia, and serving the city with such suit within ten (10) days of such denial. Otherwise, the city manager's decision shall be final and conclusive, and the protestor's right to appeal the denial or to otherwise contest or challenge the procurement shall be deemed to be waived.
  - (6) The city should defer award of a contract where the decision to award has been protested unless there is a written determination by the city manager that proceeding without delay is necessary to protect the public interest or unless the bid or offer of the prospective awardee would expire.
  - (7) The validity of a contract awarded and accepted in good faith shall not be affected by the fact that a protest or appeal is filed.
  - (8) The exclusive relief allowed if a protest is granted is to void the decision being protested. If a contract has already been awarded and performance under the contract has begun, the contract need not be voided if not in the public interest to do so. Under no circumstances will any monetary amount be allowed to the protestor as part of any relief granted.
  - (9) Strictly following these procedures shall be a mandatory prerequisite for protest of the city's award or decision to award a contract. Failure by a bidder to follow these procedures strictly shall preclude that bidder's protest and be deemed to constitute a waiver of any protest.
- (b) A protest may not be based upon the alleged non-responsibility of a person to whom the city awards or makes a decision to award a contract.

#### U. Drug Free Workplace

In accordance with Sec 2.2-4312 of the Virginia Code, during the performance of this contract, the Consultant agrees to (i) provide a drug-free workplace for the consultant's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Consultant's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the consultant that such consultant maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each sub-Consultant or vendor.

Successful consultant shall not use, possess, manufacture, or distribute alcohol or illegal drugs during the performance of the contract or while on City premises or distribute it to City employees.

Successful Consultant understands that a violation of these prohibitions constitutes a breach of the contract and that the City has the right cancel the contract.

For the purpose of this section, "Drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a Consultant, the employees whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

#### V. Termination for Convenience

The performance of work under contract may be terminated by the Public Body upon written notice to the Contractor without cause, for any reason in whole or in part; whenever it is determined that such termination is in the Public Body's best interest. In the event of such termination, the rights and

obligations of the parties, which by their nature survive termination of services covered by a contract, shall remain in full force and effect after termination. In the event of such termination, the Contractor shall be paid for services rendered and approved up to the date of termination. The Contractor may submit any termination claim within 60 days after receipt of the notice of termination.

W. Termination for Nonpayment

In the event the Public Body fails to make payment in accordance with applicable standard payment terms, the Contractor may declare the Public Body in default and exercise any right to cure such default. If the Public Body fails to cure such default within 30 days of receiving such written notice, the Contractor may, by giving written notice to the Jurisdiction, terminate the contract and/or the applicable Scope of Work as of the end of such 30-day period on such date as is specified in such notice of termination.

X. Notice of Cure

A cure letter is used when a contractor has failed to perform or deliver in accordance with the provisions of contract. Such notice provides the Contractor a period of time to correct or “cure” the deficiency and places Contractor on notice as to the consequences for failure to take the required corrective action. Such notice may be given orally or in writing. Notice of Cure informs the Contractor that non-conformance is a breach of contract and if the deficiency is not corrected within a stated number of days, the Public Body will terminate the contract for default and hold the Contractor liable for any excess costs.



## Memorandum

To: Don DeBerry, P.E. (City of Lynchburg Transportation Engineer)  
From: Bill Wuensch, P.E., PTOE  
CC: Trent Warner, P.E (Warner Engineering)  
Date: 7/26/2012  
Re: Old Forest Road at Lakeside Drive Roundabout – Draft Construction Cost estimate

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Engineering & Planning Resource, P.C. (EPR) was asked to provide a concept drawing of the potential future roundabout at Old Forest Road/Lakeside Drive (near LC) that would be suitable for developing an estimate of probable construction costs. This information will be used for a future revenue sharing application with VDOT. The concept is based on the rendered planning concept as previously developed as part of an intersection analysis effort.

The following provides a summary of the design considerations and general findings for the roundabout. Following the summary are related graphics and the draft opinion of costs spreadsheet, that sums to approximately \$1.14 million dollars for the overall construction costs. It is assumed that there is sufficient right-of-way at the intersection to fit in this design, though as shown in the estimate a significant amount of fill will need to be utilized to work through both the maintenance of traffic and also the final roundabout grading plan.

The layout was analyzed to allow for a maximum 3% grade traversing across the roundabout. The grades designed in the concept will require filling nearly 6' of fill along the southern portion of the roundabout. This correlates to about 17,000 CY of borrow to build the site. Along with the roundabout, the grades also included building a 20' shoulder along the western side of the alignment for traffic detouring during construction.

The utility relocation for water and sanitary sewer are minimal as most of the site will be built with fill; thereby, only requiring grade top adjustments to manholes. Of course the condition of the infrastructure is not known at this time and should the age or condition of the lines require revisiting replacement, the costs associated would increase. The stormwater was designed with curb and gutter, and concrete piping

per traditional City standards. A water quality component was also anticipated to be a part of the design and included in the cost estimate.

Right-of-way acquisition and utility relocation of power, telephone, cable or possibly gas was not included in the overall cost estimate.

See the attached graphics that include:

1. The original project rendering
2. An engineering concept of the roundabout as developed by our subconsultant, Warner Engineering

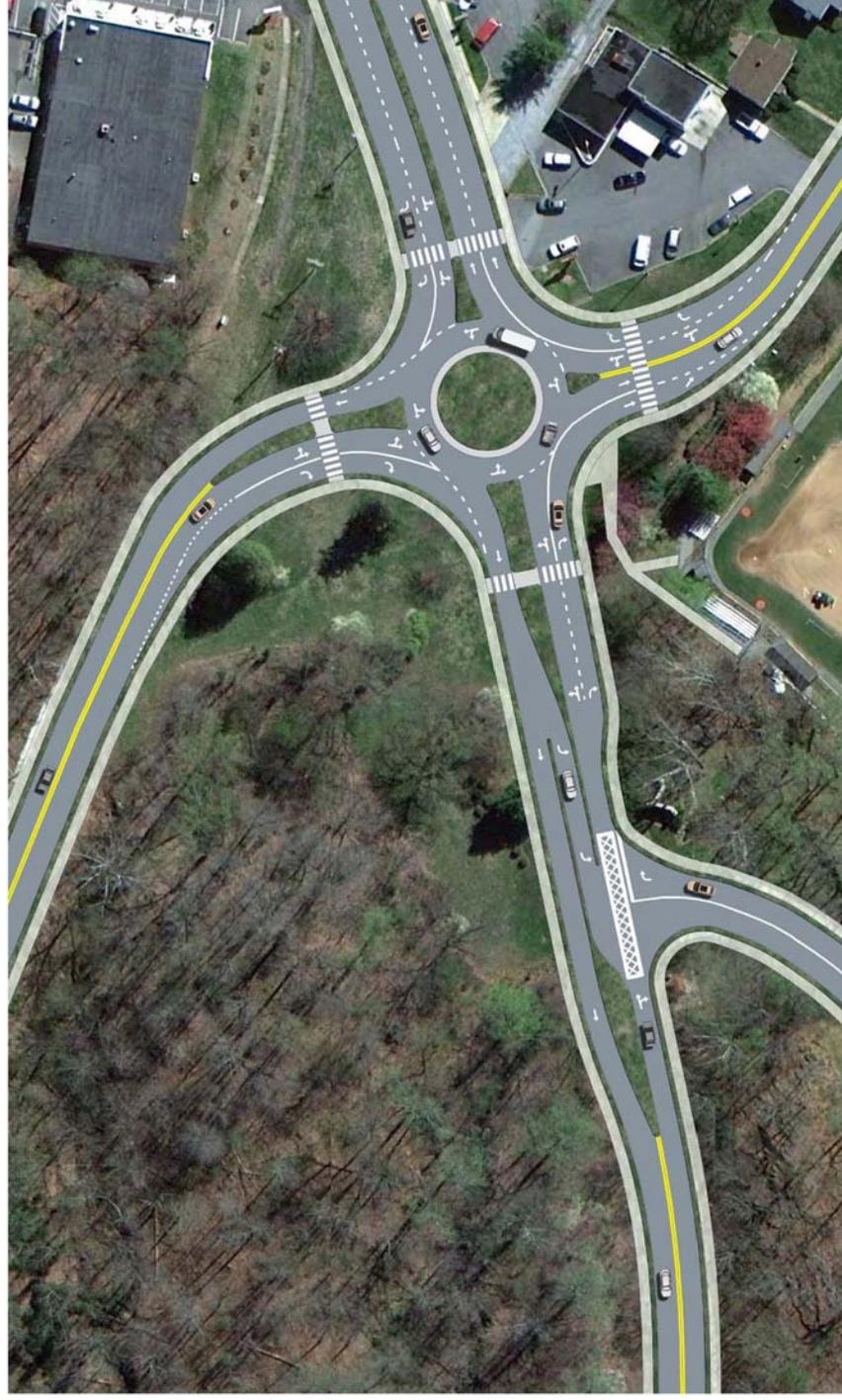
Also attached is the cost estimate summary sheet from Warner Engineering with the breakdown of the assumed costs. Please advise once you have had a chance to review and we'd be happy to meet with you to discuss in more detail. Also, please advise regarding any specific format of other information required for the revenue sharing application process.

END OF MEMORANDUM

Attachments:

- Rendering of roundabout concept
- Engineering sketch of the roundabout
- Table of probable costs

# Concepts for Longer Term (higher cost) Solutions



**Lynchburg\_Long-term Improvement**

**EPR** ENGINEERING & PLANNING RESOURCES, P.C.  
3205 WATTS STATION DRIVE, CHARLOTTEVALE, VA 22911

Roundabout with left in / right out access.

One lane roundabout doesn't work well in the peak hours, however LC egress cars wanting to make a left can make an easy right and travel around the roundabout to go back west.



<b>Lakeside Drive Roundabout Engineer's Cost Estimate</b>	
<b>Description</b>	<b>Site Work</b>
<b>Description</b>	<b>Construction Cost Amount</b>
Demolition, Earthwork, Ret. Wall and Pavement	\$634,880.00
Curb & Sidewalks	\$252,950.00
Waterline	\$1,100.00
Sanitary Sewer	\$5,866.00
Storm Sewer	\$97,806.00
Stormwater Quality	\$15,000.00
Erosion & Sediment Control	\$18,800.00
Landscaping	\$7,800.00
<b>Subtotal</b>	<b>\$1,034,202.00</b>
<b>Contingency (10%)</b>	<b>\$103,420.20</b>
<b>Total</b>	<b>\$1,137,622.20</b>

## Site Work

EARTHWORK AND PAVEMENT					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
RC-1	Demo Pavement	SY	1,900.00	\$16.00	\$30,400.00
RC-2	Demo Sidewalk, Curb, Gutter	SY	300.00	\$27.50	\$8,250.00
RC-3	EARTHWORK (Borrow)	CY	17,000.00	\$18.00	\$306,000.00
RC-6	Temporary Pavement for bypass 3" Base Mix (BM-25.0)	SY	1,700.00	\$12.40	\$21,080.00
RC-7	Temporary Pavement for bypass 6" Roadbed (VDOT No. 21A)	SY	1,700.00	\$8.50	\$14,450.00
RC-8	2" SURFACE MIX (SM-9.5A)	SY	7,500.00	\$8.26	\$61,950.00
RC-9	3" BASE MIX (BM-25.0)	SY	7,500.00	\$12.40	\$93,000.00
RC-10	6" ROADBED (VDOT No.21A)	SY	7,500.00	\$8.50	\$63,750.00
RC-11	COMMERCIAL ENTRANCE	EA	6.00	\$6,000.00	\$36,000.00
	Subtotal				<b>\$634,880.00</b>

CURB & SIDEWALKS					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
CG-1	NEW CONCRETE SIDEWALK (6' W x 4" THICK)	SY	1,750.00	\$45.00	\$78,750.00
CG-2	TYPE I, SIZE 21 OR 21A AGGR. BASE FOR SIDEWALKS (4" LAYER)	SY	1,750.00	\$8.00	\$14,000.00
CG-3	CG-6 CURBING W/STONE	LF	4,200.00	\$36.00	\$151,200.00
CG-4	NEW CONCRETE HANDICAP RAMP	EA	10.00	\$900.00	\$9,000.00
	Subtotal				<b>\$252,950.00</b>

WATER INFRASTRUCTURE					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
WA-1	Relocate FIRE HYDRANT STD. 4' BURY (HIGH & LOW PRES.)	EA	1.00	\$1,100.00	\$1,100.00
	Subtotal				<b>\$1,100.00</b>

SANITARY SEWER INFRASTRUCTURE					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
SS-1	SANITARY SEWER MANHOLES (AVG 8' DEPTH)	VF	16.00	\$316.00	\$5,056.00
SS-2	MANHOLE FRAME AND COVER (STANDARD)	EA	2.00	\$405.00	\$810.00
	Subtotal				<b>\$5,866.00</b>

STORM SEWER INFRASTRUCTURE					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
ST-1	CURB INLETS (DI-3B - 6' THROATS)	EA	6.00	\$1,625.00	\$9,750.00
ST-2	DROP INLETS (DI-1)	EA	1.00	\$1,500.00	\$1,500.00
ST-3	36" Flared End Section Concrete Pipe	EA	1.00	\$1,505.00	\$1,505.00
ST-4	42" Flared End Section Concrete Pipe	EA	1.00	\$1,866.00	\$1,866.00
ST-5	15" RCP CLASS III STORM PIPE	LF	225.00	\$39.00	\$8,775.00
ST-6	18" RCP CLASS III STORM PIPE	LF	214.00	\$45.00	\$9,630.00
ST-7	24" RCP CLASS III STORM PIPE	LF	216.00	\$60.00	\$12,960.00
ST-8	36" RCP CLASS III STORM PIPE	LF	125.00	\$100.00	\$12,500.00
ST-9	42" RCP CLASS III STORM PIPE	LF	110.00	\$130.00	\$14,300.00
ST-10	STORM MANHOLE (48" DIA)	VF	61.00	\$275.00	\$16,775.00
ST-11	MANHOLE FRME & COVER	EA	9.00	\$405.00	\$3,645.00
ST-12	BEDDING STONE FOR PIPE INSTALLATION	SY	400.00	\$11.50	\$4,600.00
	Subtotal				<b>\$97,806.00</b>

STORMWATER QUALITY					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
SQ-1	INFILTRATION BASIN	EA	1.00	\$15,000.00	\$15,000.00
	Subtotal				<b>\$15,000.00</b>

EROSION & SEDIMENT CONTROL					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
EC-1	CONSTRUCTION ENTRANCE	EA	2.00	\$800.00	\$1,600.00
EC-2	STORM DRAIN INLET PROTECTION	EA	14.00	\$250.00	\$3,500.00
EC-3	SILT FENCING	LF	2,100.00	\$3.00	\$6,300.00
EC-4	SEDIMENT TRAP	EA	1.00	\$1,800.00	\$1,800.00
EC-5	TEMPORARY SEEDING	AC.	1.60	\$1,500.00	\$2,400.00
EC-6	PERMANENT SEEDING	AC.	1.60	\$2,000.00	\$3,200.00
	Subtotal				<b>\$18,800.00</b>

LANDSCAPING					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Unit Price	Amount
LS-1	TREES	EA	50.00	\$120.00	\$6,000.00
LS-2	BUSHES	EA	45.00	\$40.00	\$1,800.00
	Subtotal				<b>\$7,800.00</b>