

NOTICE TO ALL CONSULTING ENGINEERING FIRMS

Solicitation Number S-126-14

The **SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION (SCDOT)** is seeking proposals from all interested consulting firms experienced in providing **Traffic Signal & Systems Engineering Services** on an on-call basis necessary for design, operation, and construction of traffic signals and traffic signal systems statewide in South Carolina.

Requested services may include but are not limited to, traffic signal studies, traffic signal timings and/or retiming's (including time of day, responsive & adaptive), signal & signal system design, traffic counts, preliminary and final signal plan preparation, including quantities, r/w verification, utility coordination, signal communications plans including fiber optic cable, point to multipoint, Ethernet radios, and all applicable specifications, signal equipment & signal specification review, signal software expertise, on-going traffic operations, and other duties deemed necessary.

The proposed solicitation will span a three (3) year time frame. The SCDOT will select up to four (4) firms with a maximum total amount not to exceed \$2,400,000. Consultants will be evaluated and ranked based on their score during the selection process. Consequently, work under each On-Call will initially be assigned based on the consultant's ranking. Once the list has been exhausted, work will then be assigned to best maintain equity in the value of work unless an exception is approved. Exceptions are warranted when specialized experience or knowledge to specific project is required and will require justification (see supplemental information).

Supplemental information associated with this solicitation is located at the following link: http://www.scdot.org/doing/constructionLetting_Services.aspx.

For questions, please contact the SCDOT Contracting Officer, Wendy Hollingsworth, at (803) 737-0746 or via email at Hollingswg@scdot.org. Electronic Submissions are due no later than 2:00 PM, January 29, 2014.

SCOPE OF SERVICES

Traffic Engineering, Traffic Signal & Systems Engineering Services Work Order Contract

The typical work that would be included in this Work Order Contract is as follows:

Traffic Signal Retiming

Traffic Signal Design

Traffic Signal System Design

Traffic Signal Studies: Signal Warrant Analysis, Left turn Phase Studies,

Traffic Signal Specification Preparation/Review

Traffic Signal Cost Estimate

Preparation of Contract Documents for Signal Projects: cover sheet, quantity sheet,

R/W verification

Utility Coordination

This is statewide work for signals maintained by SCDOT or by local governments under contract with SCDOT. Therefore the work should be performed in accordance with SCDOT specifications, however will require the involvement and cooperation of the District Traffic Engineering personnel and at times the local Traffic Engineering or Signal Maintenance personnel. At the discretion of SCDOT, no more than four (4) consulting/engineering firms will be selected to provide the services list above.

SPECIFICS

SCDOT shall designate the location and limits of work. SCDOT shall establish what deliverables are required for each task.

The consultant should provide qualifications regarding experience with the following type of signal software/hardware: Type 170 and Type 2070 Traffic Signal Controller Equipment, NEMA Traffic Signal Controllers; Signal Software/Firmware: Naztec Streetwise, ATMS.NOW (Apogee/Patriot), Siemens Actra, Tactics (Sepac), (BiTrans 170, 2070 software/firmware), Signal Software timing Sheets for each software listed.

The consultant should provide qualifications regarding experience with the following type of signal simulation software: Synchro version 8, SimTraffic version 8.

The consultant should provide qualifications regarding experience, including contact information, with each of the tasks listed under the General heading, this page.

The consultant should indicate whether any of the available staff is IMSA Level 2 Signal Certified.

Plans should be provided on standard sheet sizes, 22"x36", utilized by SCDOT and shall consist of, Title Sheet, Quantity Sheet, Intersection Drawings, and where needed, Communications Drawings. In some projects, a set of utility make ready plans are required. The scale on the plans should be between 1"= 20' to 1"=50', with the largest possible scale used due to half sizing of plan sets, for legibility. All plan packages shall be on reproducible paper, and an electronic pdf of sealed plans should be provided as well as the cadd file and any other associated files to reproduce the plan set. Electronic files must be submitted by either cd rom, FTP site, or usb flash drive. Electronic files may be emailed for reviews, however final documents shall be provided by one of the three options above.

The consultant shall retain original documents for a period of no less than 2 years from completion of project. As a minimum, 1 original and 1 record copy shall be delivered to SCDOT.

Supplemental Information for Traffic Signal & Systems Engineering Services

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NOTE: Work awarded under this solicitation includes projects that are being administered by SCDOT and funded by other governmental entities pursuant to an IGA or LPA agreement between the SCDOT and the governmental entity. In those cases, a separate agreement between that governmental entity and the consultant will be prepared and administered by SCDOT to cover the services.

A detailed scope of services is located under this solicitation number (S-126-14) @ http://www.scdot.org/doing/constructionLetting_Services.aspx.

In consultant selection, the SCDOT will consider and conduct a comparative ranking of the firms submitting based upon the following:

50%	Experience, qualifications, and technical competence of the staff proposed for the type of work required
25%	Past performance of the firm/team on similar type projects, responsiveness to the SCDOT, and the availability/readiness of the proposed staff
10%	Team makeup; ability of firm to perform all aspects of the services minimizing sub-consultants
10%	Familiarity of the firm/team with SCDOT practices and procedures
5%	DBE utilization plan

The proposal must contain the following: letter of interest, current resume of qualifications, a direct response to each of the selection criteria identified above, and Standard Form 330 (SF 330) as required by the Federal Acquisitions Regulations. All parts of the SF 330 must be completed in its entirety for the prime consultant, any sub-consultants and any sub-contractors.

Consultants are prohibited from submitting on multiple proposals as the prime consultant in response to this advertisement. The preceding, with the exception of SF 330, shall be limited to 20 double-spaced pages printed on one side only.

To qualify as a DBE on this project, the firm must be listed as approved for the type of work to be performed in the South Carolina Unified DBE Directory at the time of the bid submittal. The directory can be found at the following link:

http://www.scdot.org/doing/doingPDFs/businessDevelop/UCP_DBE_Directory.pdf.

All responding firms must utilize the SCDOT's new electronic proposal submission process. Information regarding Project Wise can be found at the following link: http://www.scdot.org/doing/constructionLetting_ProjectWise.aspx. Please contact Eric Stuckey at 803-737-1003 or StuckeyEC@scdot.org to set up an account to begin utilizing the electronic submittal process.

The SCDOT selection will be based on information submitted; however, additional information and/or an interview may be required.

All responders must visibly mark as "CONFIDENTIAL" each part of their submission that they consider to contain proprietary information the release of which would constitute an unreasonable invasion of privacy. All unmarked pages will be subject to release in accordance with law. Proposer should be prepared, upon request, to provide justification of why such materials should not be disclosed under the South Carolina Freedom of Information Act, S.C. Code Section 30-4-10, et seq.

Consultants and sub-consultants must have an SCDOT approved indirect cost rate prior to contract execution. Please refer to the following link for additional information: http://www.scdot.org/doing/contractor_Audit.aspx.

Consultants shall comply with Title VI of the Civil Rights Act of 1964. The SCDOT strongly encourages the use of and involvement of Disadvantaged Business Enterprises (DBE) on this project.

Work for specific projects will be allocated using a qualification-based approach giving consideration to each firm's technical expertise in the work required and proximity to the location of the work. Also, in an effort to maintain continuity within each project, the firm beginning a specific project will be given priority when issuing subsequent work for that project (see supplemental info).

The contract will be cost plus a fixed fee with a contract maximum, or lump sum, or approved unit cost at the discretion of the SCDOT. There is no guarantee of any specific amount of work.

All electronic proposal submissions and the letter of interest should be addressed to the Contracting Officer, Room 128, at the South Carolina Department of Transportation, P.O. Box 191, Columbia, South Carolina 29202 or 955 Park Street, Room 128, Columbia, South Carolina 29201, no later than 2:00 PM, January 29, 2014.