

**ENGINEERING AND RELATED SERVICES
MARCH 18, 2014**

**CONTRACT NO. 4400004406
STATE PROJECT NO. H.010903
F.A.P. NO. H010903
SHSP LOCAL ROAD SAFETY PROGRAM TECHNICAL
ASSISTANCE AND CRASH DATA ENGINEER
STATEWIDE**

Under Authority granted by Title 48 of Louisiana Revised Statutes, the Louisiana Department of Transportation and Development (DOTD) hereby issues a Request for Qualification Statements (RFQ) on DOTD Form 24-102 (24-102), “Professional Engineering and Related Services”, revised November 2011, from Consulting Firms (Consultant) to provide engineering and related services. **All requirements of Louisiana Professional Engineering and Land Surveying (LAPELS) Board must be met at the time of submittal.** One Prime-Consultant will be selected for this Contract.

Project Manager – Mr. Jim Chapman

All inquiries concerning this advertisement should be sent in writing to Alan.Dale@LA.gov.

PROJECT DESCRIPTION

The Louisiana Strategic Highway Safety Plan (SHSP) was developed to reduce the human and economic toll on Louisiana’s surface transportation system due to traffic crashes through widespread collaboration and an integrated 4E approach: engineering, education, enforcement, and emergency services. Implementation of SHSP strategies on the local road network is a particular challenge because of the number of agencies with direct responsibility for managing local road safety. The Local Road Safety Program (LRSP) is responsible for implementing strategies included in the LA SHSP that are appropriate for the local road network and/or developing specific strategies that can be implemented to improve local road safety. The LRSP services to local agencies include outreach to local transportation agencies; training and education to develop local road safety capabilities; technical assistance on local road safety issues; participation on the technical and selection teams for the safety improvement projects; and, coordination with the DOTD Highway Safety Section and DTOD District personnel involved in the LA SHSP implementation. SHSP implementation activities also include support of the regional safety coalitions. In addition, the LRSP is working to implement system-wide application of cost effective, low-cost safety counter measures appropriate for Louisiana’s local road system. The statewide local road intersection improvement program and the local road roadway departure crash reduction and mitigation program are examples of these comprehensive efforts that are also congruent with the LA SHSP. These approaches require extensive initial data analysis at the state and local level as well as on-site evaluation and interaction with local agency personnel. Since the majority of crashes involve a component of driver behavior such as

aggressive or distracted driving as well as alcohol impairment, the LRSP also works with partner agencies such as the Louisiana Highway Safety Commission, state and local law enforcement and other local safety agencies and advocates to help implement community based programs that incorporate not only engineering, but also enforcement and education to save lives.

The selected Consultant will participate in training, outreach and technical assistance activities to enable local entities to identify and solve road safety problems by utilizing resources available through the SHSP.

SCOPE OF SERVICES

The specific task for this Project shall consist of the following:

- I. Assist local entities to implement systemic/system wide safety improvement projects for roadway departure crashes and intersection crashes as prioritized by the LRSP Data Analysis team. Related tasks with selected parishes and municipalities will include but are not limited to:
 - a. Review of crash and roadway characteristic data with local entity.
 - b. Assistance to local entity to determine highest priority locations for inclusion in funding program utilizing data and on-site evaluations.
 - c. Development of scope of safety improvement project(s) for local implementation or application to LRSP.
 - d. Coordination of project application process with individual entities for LRSP funds and assistance in utilizing the Local Public Agency (LPA) federal aid process administered through LADOTD.
- II. Assist in development of Road Safety Assessments (RSA) program for the regional safety coalitions and individual local entities. Related tasks include but are not limited to:
 - a. Evaluation of RSAs as a tool to promote involvement of local stakeholder in safety decision making and planning.
 - b. Develop a plan to implement a strategic RSA program by region, parish and/or municipality to support regional safety coalition efforts, local safety plans, etc. Coordinate with SHSP Implementation Team.
 - c. Implement Local RSA Program on a regional and statewide basis.
 - d. Identification of candidate sites with regional safety coalitions or local entities.
 - e. Coordination of RSA planning activities including team selection and notification; acquisition and review of crash data and roadway information; scheduling; training, etc.
 - f. Participation as RSA team leader as necessary.
 - g. Prepare or oversee preparation of local RSA conducted as part of the Program.
- III. Conduct and/or coordinate training classes and workshops for local agency personnel and safety stakeholders as determined by LRSP Program Manager. Examples of class topics include: fundamentals of road safety; low cost safety countermeasures; road safety assessments; intersection safety; roadway departure

- countermeasures; work zone safety; application of systemic tools for problem identification; use of HSM at the local level; LRSP application process, etc.
- IV. Participate as a member of the LRSP Technical Team for LRSP project review. Related tasks will include but are not limited to:
 - a. Review applications for completeness and technical merit.
 - b. Determine eligibility of specific projects within the guidelines of the program.
 - c. Evaluate proposed projects for impact on reducing crashes for prioritization for selection.
 - d. Review proposals for cost of engineering and materials and construction for accuracy.
 - e. Make recommendations and or suggest alternative countermeasures.
 - f. Make site visits if necessary.
 - g. Help local agencies revise or make improvements to applications.
 - h. Assist in annual review of LRSP application process and development of updates for each successive year.
 - i. Assist in documentation of project selection and justification.
 - V. Conduct data analysis using DOTD's Crash 1 and Crash 3 databases and information from the Louisiana Highway Safety Research Group to assist local entities in problem identification and to facilitate system wide problem identification for statewide prioritization of efforts.
 - VI. Assist in management of tasks to manage project application process as needed including administrative review for application completeness; communication with local entity, etc.
 - VII. Coordinate LRSP technical assistance activities at the state and local level with other safety partners and advocates such as LA DOTD HQ and District safety and traffic personnel; Louisiana Highway Safety Commission; state and local law enforcement; local safety advocates, etc. at the direction of the LRSP Program Manager.
 - VIII. Participate on local and state technical committees and attend related SHSP, traffic records, safety, traffic engineering or other transportation related meetings and events at the direction of the LRSP Program Manager to communicate with local and state safety professionals .
 - IX. Provide engineering and technical assistance on LRSP activities, LRSP project implementation and construction management as needed.

QUALITY CONTROL/QUALITY ASSURANCE

The DOTD requires the Consultant to develop a Quality Control/Quality Assurance program; in order to provide a mechanism by which all contracted services can be subject to a systematic and consistent review. Consultants must ensure quality and adhere to established design policies, procedures, standards, and guidelines in the preparation and review of all design products. The DOTD shall provide limited input and technical assistance to the Consultant.

SERVICES TO BE PERFORMED BY DOTD

In addition to any services previously indicated to be performed by the DOTD, the following services and data shall also be provided, if available.

- Crash counts and crash location data.

CONTRACT TIME

The Consultant shall proceed with the services specified herein after the execution of this Contract and upon written Notice-to-Proceed (NTP) from the DOTD and shall be completed within **three years**. The delivery schedule for all project deliverables shall be established by the Project Manager.

COMPENSATION

Compensation to the Consultant for the required services rendered in connection with this Contract will be non-negotiated work-hours using DOTD established billable rate for P.T.O.E. (Professional Traffic Operations Engineer) at a rate of **\$85 per hour** (for a maximum of **1040 hours** per year, and a maximum of **\$10,000** per year for travel), for the actual time spent on the project, with a maximum limitation of **\$295,200**.

All travel related expenses will be compensated under direct expenses, and will be in accordance with Louisiana Office of State Travel regulations found at: <http://www.doa.louisiana.gov/osp/travel/travelpolicy.htm> Vehicle rental rates will require prior approval from the DOTD Project Manager.

REFERENCES

All services and documents will meet the standard requirements as to format and content of the DOTD; and will be prepared in accordance with the latest applicable editions, supplements and revisions of the following:

1. AASHTO Standards, ASTM Standards or DOTD Test Procedures
2. DOTD Location and Survey Manual
3. DOTD Roadway Design Procedures and Details
4. DOTD Design Guidelines
5. DOTD Hydraulics Manual
6. DOTD Standard Specifications for Roads and Bridges
7. Manual of Uniform Traffic Control Devices
8. DOTD Traffic Signal Design Manual
9. National Environmental Policy Act (NEPA)
10. National Electric Safety Code (NESC)
11. National Electric Code (NFPA 70)
12. DOTD Environmental Impact Procedures (Vols. I-III)
13. A Policy on Geometric Design of Highways and Streets (AASHTO)

14. DOTD Construction Contract Administration Manual
15. DOTD Materials Sampling Manual
16. DOTD Bridge Design Manual
17. Consultant Contract Services Manual
18. Geotechnical Engineering Services Document
19. Bridge Inspectors Reference Manual/90
20. DOTD Stage 1 Planning/Environmental Manual of Standard Practice
21. Code of Federal Regulations 29 CFR 1926 (OSHA)

Follow link below for the individual reference links:

<http://webmail.dotd.louisiana.gov/ContWEB.nsf/b88769326453bef886256fe00047183a/18fc2860512aba5886257a62006133b8?OpenDocument>

MINIMUM PERSONNEL REQUIREMENTS

The following requirements must be met by the Prime-Consultant at the time of submittal:

1. One Principal or another Responsible member of the Prime-Consultant must be a Professional Engineer registered in the State of Louisiana.
2. One Principal or another Responsible Member of the Prime-Consultant must be a Professional Engineer and Professional Traffic Operations Engineer (PTOE), registered in the State of Louisiana with specific experience in the following areas:
 - a. Ten years experience in traffic/traffic safety engineering.
 - b. One year of experience in project management or implementation for Local Road Safety Program, or similar federal program.
 - c. Five years experience in the use of the Manual of Uniform Traffic Control Devices (MUTCD).
 - d. Completion of at least one Low Cost Safety Improvement training course such as roadway departure.
 - e. One year of experience working with the Local Road Safety Program, or similar federal program and Federal implementation requirements guidelines.
 - f. One year of experience in dealing with local and state government officials on road and traffic safety issues.
 - g. Trained in the use of the Highway Safety Manual. Acceptable courses are the two and one half day workshops conducted by the FHWA Resource Center, NCHRP 17-38 or equivalent as approved by DOTD.

Training Certifications/Certifications of Compliance must be submitted with and made part of the Consultants DOTD Form 24-102 for all Personnel Requirements listed herein.

EVALUATION CRITERIA

The general criteria to be used by DOTD (when applicable) in evaluating responses for the selection of a Consultant to perform these services are:

1. Consultant's firm experience on similar projects, weighting factor of 3;
2. Consultant's personnel experience on similar projects, weighting factor of 4;
3. Consultant's firm size as related to the estimated project cost, weighting factor of 3; *
4. Consultant's past performance on similar DOTD projects, weighting factor of 6; **
5. Consultant's current work load with DOTD, weighting factor of 5;
6. Location where the work will be performed, weighting factor of 4; ***

* All respondents will receive a 4 in this category

** The Planning (PL) performance rating will be used for this project.

*** Location will be based out of Baton Rouge, Louisiana.

Complexity Level- **simple**

Consultants will be evaluated as indicated in Items 1- 6. The evaluation will be by means of a point-based rating system. Each of the above criteria will receive a rating on a scale of 0-4. The rating will then be multiplied by the corresponding weighting factor. The firm's rating in each category will then be added to arrive at the Consultant's final rating.

If Sub-Consultants are used the Prime Consultant must perform a minimum of 51% of the work for the overall project. Each member of the Consultant/Team will be evaluated on their part of the contract, proportional to the amount of their work. The individual team member ratings will then be added to arrive at the Consultant/Team rating.

Communication Protocol

DOTD's Project Evaluation Team will be responsible for performing the above described evaluation, and will present a short-list of the three (if three are qualified) highest rated Consultants to the Secretary of the DOTD. The Secretary will make the final selection. **Below are the proposed Team members. DOTD may substitute for any reason provided the members meet the requirements of R.S. 48:291.**

1. Alan Dale – Ex officio
2. James Chapman – Project Manager
3. Brian Parsons
4. Simone Ardoin
5. Terri Monaghan
6. Cristine Gowland

Rules of Contact (Title 48 Engineering and Related Services)

These rules are designed to promote a fair, unbiased, legally defensible selection process. The LA DOTD is the single source of information regarding the Contract selection. The

following rules of contact will apply during the Contract selection process and will commence on the date of advertisement and cease at the contract execution of the selected firm. Contact includes face-to-face, telephone, facsimile, Electronic-mail (E-mail), or formal written communications. Any contact determined to be improper, at the sole discretion of the LA DOTD, may result in the rejection of the submittal (24-102):

- A. The Consultant shall correspond with the LA DOTD regarding this advertisement only through the LA DOTD Consultant Contracts Services Administrator;
- B. Neither the Consultant, nor any other party on behalf of the Consultant, shall contact any LA DOTD employees, including but not limited to, department heads; members of the evaluation teams; and any official who may participate in the decision to award the contract resulting from this advertisement except through the process identified above. Contact between Consultant organizations and LA DOTD employees is allowed during LA DOTD sponsored one-on-one meetings;
- C. Any communication determined to be improper, at the sole discretion of the LA DOTD, may result in the rejection of submittal, at the sole discretion of the LA DOTD;
- D. Any official information regarding the project will be disseminated from the LA DOTD'S designated representative on the LA DOTD website. Any official correspondence will be in writing;
- E. The LA DOTD will not be responsible for any verbal exchange or any other information or exchange that occurs outside the official process specified herein.

By submission of a response to this RFQ, the Consultant agrees to the communication protocol herein.

CONTRACT REQUIREMENTS

The selected Consultant will be required to execute the contract within 10 days after receipt of the contract.

INSURANCE - During the term of this contract, the Consultant will carry professional liability insurance in the amount of \$1,000,000. The Prime-Consultant may require the Sub-Consultant(s) to carry professional liability insurance. This insurance will be written on a "claims-made" basis. Prior to executing the contract, the Consultant will provide a Certificate of Insurance to DOTD showing evidence of such professional liability insurance.

AUDIT - The selected Consultant/Team will allow the DOTD Audit Section to perform an annual overhead audit of their books, or provide an *independent* Certified Public Accountant (CPA) audited overhead rate. This rate must be developed using Federal Acquisition Regulations (FAR) and guidelines provided by the DOTD Audit Section. In

addition, the Consultant/Team will submit semi-annual labor rate information, when requested by DOTD.

The selected Consultant/Team will maintain an approved Project Cost System, and segregate direct from indirect cost in their General Ledger. Pre-award and post audits, as well as interim audits, may be required. For audit purposes, the selected Consultant/Team will maintain accounting records for a minimum of five years after final contract payment.

Any Consultant currently under contract with the DOTD and who failed to meet all the audit requirements documented in the manual and/or notices posted on the DOTD Consultant Contract Services Website (www.dotd.louisiana.gov), will not be considered for this project.

SUBMITTAL REQUIREMENTS

One original (**stamped “original”**) and **five** copies of the DOTD Form 24-102 must be submitted to DOTD. All submittals must be in accordance with the requirements of this advertisement and the Consultant Contract Services Manual. Any Consultant/Team failing to submit any of the information required on the 24-102, or providing inaccurate information on the 24-102, will be considered non-responsive.

Any Sub-Consultants to be used, including Disadvantaged Business Enterprises (DBE), in performance of this Contract, must also submit a 24-102, which is completely filled out and contains all information pertinent to the work to be performed.

The Sub-Consultant’s 24-102 must be firmly bound to the Consultant’s 24-102. In Section 8, the Consultant’s 24-102 must describe the **work elements** to be performed by the Sub-Consultant(s), and state the approximate **percentage** of each work element to be subcontracted to each Sub-Consultant.

Name(s) of the Consultant/Team listed on the 24-102, must precisely match the name(s) filed with the Louisiana Secretary of State, Corporation Division, and the Louisiana State Board of Registration for Professional Engineers and Land Surveyors.

The DOTD Form 24-102 will be identified with **Contract No. 4400004406 (State Project No. H.010903)**, and will be submitted **prior to 3:00 p.m. CST on Thursday, April 03, 2014**, by hand delivery or mail, addressed to:

Department of Transportation and Development
Attn.: Mr. Alan Dale, P.E.
Consultant Contracts Services Administrator
1201 Capitol Access Road, **Room 405-T**
Baton Rouge, LA 70802-4438 or
Telephone: (225) 379-1401

REVISIONS TO THE RFQ

DOTD reserves the right to revise any part of the RFQ by issuing an addendum to the RFQ at any time. Issuance of this RFQ in no way constitutes a commitment by DOTD to award a contract. DOTD reserves the right to accept or reject, in whole or part, all Qualification Statements submitted, and/or cancel this announcement if it is determined to be in DOTD's best interest. All materials submitted in response to this announcement become the property of DOTD, and selection or rejection of a submittal does not affect this right. DOTD also reserves the right, at its sole discretion, to waive administrative informalities contained in the RFQ.