

STATE OF LOUISIANA

INTERSTATE-12 WIDENING DESIGN-BUILD PROJECT

O'NEAL LANE INTERCHANGE TO WALKER

EAST BATON ROUGE AND LIVINGSTON PARISHES

STATE PROJECT NOS. 454-01-0047 AND 454-02-0025

REQUEST FOR QUALIFICATIONS APPENDIX A

PROJECT DESCRIPTION, DESIGN-BUILDER RESPONSIBILITIES, AND PROJECT STATUS



TABLE OF CONTENTS

1.0 PROJECT DESCRIPTION..... 1
2.0 DESIGN-BUILDER RESPONSIBILITIES 2
3.0 PROJECT STATUS 3

1.0 PROJECT DESCRIPTION

The proposed Interstate-12 (I-12) Widening Design-Build (DB) Project (Project) begins at the O'Neal Lane Interchange in East Baton Rouge Parish and proceeds easterly into Livingston Parish towards Walker. The Project will be "DB-to-budget." With the tie-in to the six-lane section at O'Neal Lane as the starting point, Proposals must demonstrate the length of I-12 widening and rehabilitation toward the east that can be provided on a set budget amount. Proposers should anticipate Proposal evaluation factors associated with the overall length of Project (widening and rehabilitation) to be provided for the Project budget of \$100 million. Additional information regarding the DB-to-budget requirements and the associated evaluation factors will be provided in the Scope of Services Package. The Project will consist of all or a portion of the design and construction of the following major elements:

A) Interstate-12 Mainline Widening

The Design-Builder shall widen mainline I-12 from four lanes to six lanes. Widening must occur to the inside (median side) of the existing pavement and includes the following bridge structure modifications/replacements:

- 1) **O'Neal lane Interchange (LA 3245):** Interior widening of the I-12 overpass structure (approximately 304.5 feet);
- 2) **Amite River Bridge:** Two new parallel I-12 bridge structures to replace the existing four bridge structures. This Work includes approximately 2,614 feet of main line bridge structure and the degrading of the existing embankment plug to approximately elevation 23.0. The proposed finished grade of the bridges must be elevation 49.8; however, the bridges must vertically tie into the existing roadway elevation at the approaches;
- 3) **4-H Road Overpass (LA 1032):** Interior widening of the I-12 overpass structure (approximately 260.0 feet);
- 4) **Range Avenue Interchange (LA 3002):** Interior widening of the interchange I-12 overpass structure (approximately 304.5 feet);
- 5) **Pete's Highway (LA 16):** Median widening of I-12 (if necessary);
- 6) **Juban Road Interchange (LA 1026):** Median widening of I-12 (if necessary); and
- 7) **Walker Interchange (LA 447):** Eastern limit of the Project.

B) Intelligent Transportation Systems

The Design-Builder shall install conduit and wiring for future Intelligent Transportation Systems (ITS) devices.

C) New High Mast Lighting at Interchanges

The Design-Builder shall install conduit, wiring, and support bases in the median throughout the Project limits for future high mast lighting at interchanges.

D) Aesthetics and Landscaping

The Design-Builder shall provide associated aesthetics and landscaping amenities appropriate for this Project. Further detail on these requirements will be provided in the Scope of Services Package.

Louisiana Department of Transportation and Development

Currently, the United States (US) Army Corps of Engineers (COE) permit process and the US Coast Guard (USCG) and coastal use coordination are underway. The final Project scope will include any permit modifications that arise as a result of the Design-Builder Team's design and/or construction.

2.0 DESIGN-BUILDER RESPONSIBILITIES

The successful Design-Builder shall be responsible for furnishing all labor, material, plant, equipment, services, and support facilities for the following (this list is not intended to be all-inclusive):

- A) Design and construction of all Project components;
- B) Design and construction management;
- C) Project-related Public Information (PI) activities (including development and maintenance of a Project Web site);
- D) Coordination with Project stakeholders, other contractors, and utility owners;
- E) Design Quality Control (QC) [in addition to the Design-Builder's design QC, a Quality Control/Quality Assurance (QC/QA) Engineering Firm will be retained by the Louisiana Department of Transportation and Development (LA DOTD) for QA/QC services];
- F) Construction QC (in addition to the Design-Builder's construction QC, a QC/QA Engineering Firm will be retained by the LA DOTD for QA/QC services);
- G) Environmental permit compliance monitoring;
- H) Additional environmental investigations and permit modifications resulting from the Design-Builder's design and/or construction activities;
- I) Maintenance and protection of traffic and access to properties (both temporary and permanent access);
- J) Project safety and security;
- K) Preliminary Engineering (PE), such as surveys and geotechnical investigations not provided by the LA DOTD;
- L) Harmful and hazardous materials remediation (design and construction);
- M) Drainage and erosion control;
- N) Construction waste disposal and handling;
- O) Required clearances, licenses, construction easements, and permits for the Design-Builder's Work, Work sites, and storage areas on- or off-site;
- P) Ancillary works, such as access roads, driveways, temporary fencing, relocation of drainage, Work sites, and temporary works;
- Q) Location, acquisition, permits, and transportation for material;
- R) Coordination and relocation of any utilities and municipal drainage facilities;
- S) Site clearance (if applicable);
- T) Maintenance of the Project during the Contract period (design and construction maintainability, maintenance needs, and maintenance and inspection access); and
- U) Project warranties, as required in the Scope of Services Package.

3.0 PROJECT STATUS

The following is a summary of the status of the Work being completed for the Project as well as existing Work and/or information (this list is not intended to be all-inclusive):

- A) Survey
The following existing electronic survey will be provided to the Design-Builder. Verification and utilization of the data is the Design-Builder's responsibility:
 - 1) Text point file with comma separators (surveyed point data);
 - 2) Drawing files (AutoCad format);
 - 3) Three dimensional (3D) existing ground surface; and
 - 4) Survey report forms.
- B) Preliminary Design Engineering
The preliminary design plans from a previous project to widen this corridor are available and will be provided in the Scope of Services Package.
- C) Traffic Data
Base and design year traffic data is available is will be provided in the Scope of Services Package.
- D) Right-Of-Way
No Right-of-Way (ROW) acquisition is necessary for this Project. The Design-Builder shall complete the Project within the existing ROW limits.
- E) Environmental
The appropriate environmental clearances will be obtained prior to execution of the DB Contract. The US Army COE permit is anticipated in December 2008.
- F) Aesthetic Design Guidelines
Aesthetic design guidelines will be provided in the Scope of Services Package.
- G) Preliminary Geotechnical Information Borings
The LA DOTD will perform shallow borings along the Project median and 19 deep borings will be performed at the Amite River. The LA DOTD will provide this boring information to the Proposers. The Design-Builder shall determine if further geotechnical information is required. If so, the Design-Builder shall be responsible for collecting the additional information necessary.
- H) Design Criteria
Design criteria will be provided in the Scope of Services Package.
- I) Performance Measures
Project performance measures are being developed and will be included in the Scope of Services Package.
- J) Project Requirements
Project Requirements are being developed and will be included in the Scope of Services Package.

Louisiana Department of Transportation and Development

K) Reference Documents

Additional documents will be included in the Scope of Services Package as Reference Documents. These will include but are not limited to, the environmental documentation, geotechnical boring information, and partial preliminary plans.

L) Warranties

The conditions and durations of warranties will be included in the Scope of Services Package.