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

SCOPE OF SERVICES PACKAGE

CONTRACT DOCUMENTS

PART 1 – DESIGN-BUILD AGREEMENT

APPENDIX A - PROJECT SCOPE

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1.0 INTRODUCTION

This Part 1 – Design-Build (DB) Agreement, Appendix A - Project Scope, to the DB Contract provides a summary description of the physical components of the Project that the Design-Builder shall design, construct, and/or install and the associated management, control, monitoring, compliance, and professional services and other elements of the Work.

The Design-Builder shall not rely solely on the description contained in this Appendix A - Project Scope to identify all Project components to be designed, constructed, and/or installed. The Design-Builder shall determine the full scope of the Project through thorough examination of the Contract Documents and the Project Site or as may be reasonably inferred from such examination.

The Design-Builder shall design, furnish, construct, and/or install all components of the Project meeting the requirements of the Contract Documents, except where the Louisiana Department of Transportation and Development (LA DOTD) will furnish and/or install the items as listed in Section 6.0.

2.0 PROJECT CONFIGURATION

The Project shall include the major components listed in this Appendix A – Project Scope.

2.1 PROJECT LIMITS

The Project is approximately [This number of miles will be filled in based on the successful Proposer's length of the Project] miles long. The Project termini are as follows:

A) Beginning of Project – Station 187+98.75; and

B) End of Project – [The end of Project terminus will be filled in based on the successful Proposer's length of the Project.].

In general, there are 300 feet of Right-of-Way (ROW) available in the at-grade tangent roadway sections and 300 feet of ROW available in the Amite River bridge section of the Project. In other areas of the Project, the ROW width varies. The lateral limits of the Project ROW are shown on the ROW Plans in Part 4 – Scope of Services Packages Plans. In addition, the ROW boundaries are dimensioned on the As-Built Plans of the existing I-12 facility.

2.2 PROJECT-WIDE REQUIREMENTS

The Project includes the following:

A) Widening of Interstate-12 to six lanes with shoulders, including signage and barrier rail, commencing at O'Neal Lane and ending at [The end of Project termini will be filled in based on the successful Proposer's length of the Project.];

B) Widening of overpasses to six lanes with shoulders;

C) Replacement of the existing Amite River bridges with a new six lane bridge facility, with shoulders and an approximate bridge length of 2,600 feet. Single or twin superstructures are acceptable;

D) Removal of the existing soil plug between the existing Amite River bridge and the existing Amite River relief bridge;

E) Replacement or widening of the bridges over Grey's and Coyell Creeks, if necessary;

F) Concrete barrier rail or other necessary pier protection for any bridges over Interstate-12;

G) Modification of drainage structures to accommodate the widened Interstate-12 and its runoff;

H) Consideration of existing utilities during design to avoid utility conflicts and utility coordination and relocation, if necessary; and

I) Modification of existing roadway lighting and accommodation for future roadway lighting and Intelligent Transportation Systems (ITS).

See Section 3.0 for additional detail regarding the Project proposed improvements.

3.0 PROPOSED IMPROVEMENTS

3.1 PROJECT SCOPE A

The proposed improvements included in Project Scope A will include, but not be limited to, the following:

A) Widening of Interstate-12 to six lanes with shoulders, including signage and barrier rail, commencing at O'Neal Lane and ending at [The end of Project termini will be filled in based on the successful Proposer's length of the Project.];

B) Widening of the O'Neal Lane overpass to six lanes with shoulders;

C) Replacement of the existing Amite River bridges with a new six lane bridge facility, with shoulders and an approximate bridge length of 2,600 feet. Single or twin superstructures are acceptable;

D) Removal of the existing soil plug between the existing Amite River bridge and the existing Amite River relief bridge;

E) Widening of the 4-H Club Road overpass to six lanes with shoulders;

F) Widening of the Range Avenue overpass to six lanes with shoulders;

G) [This pier protection is dependent upon the successful Proposer's length of the Project.] Concrete barrier rail or other necessary pier protection for the Pete's Highway bridge over Interstate-12;

H) [This bridge replacement or widening is dependent upon the successful Proposer's length of the Project.] Replacement or widening of the Grey's Creek bridge;

I) [This pier protection is dependent upon the successful Proposer's length of the Project.] Concrete barrier rail or other necessary pier protection for the Juban Road bridge over I-12;

J) [This bridge replacement or widening is dependent upon the successful Proposer's length of the Project.] Replacement or widening of the Coyell Creek bridge;

K) Modification of drainage structures to accommodate the widened Interstate-12 and its runoff;

L) Utility coordination and relocation, if necessary; and

M) Modification of existing roadway lighting and accommodation for future roadway lighting and Intelligent Transportation Systems (ITS).

3.2 PROJECT SCOPE B

The proposed improvements included in Project Scope B will include, but not be limited to, the following:

A) Widening of Interstate-12 to six lanes with shoulders, including signage and barrier rail, commencing at O'Neal Lane and ending at [The end of Project termini will be filled in based on the successful Proposer's length of the Project.];

B) Widening of the O'Neal Lane overpass to six lanes with shoulders;

C) Replacement of the existing Amite River bridges with a new six lane bridge facility, with shoulders and an approximate bridge length of 2,600 feet. Single or twin superstructures are acceptable;

D) Removal of the existing soil plug between the existing Amite River bridge and the existing Amite River relief bridge;

E) Widening of the 4-H Club Road overpass to six lanes with shoulders;

F) Widening of the Range Avenue overpass to six lanes with shoulders;

G) [This pier protection is dependent upon the successful Proposer's length of the Project.] Concrete barrier rail or other necessary pier protection for the Pete's Highway bridge over Interstate-12

H) [This bridge replacement or widening is dependent upon the successful Proposer's length of the Project.] Replacement or widening of the Grey's Creek bridge;

I) [This pier protection is dependent upon the successful Proposer's length of the Project.] Concrete barrier rail or other necessary pier protection for the Juban Road bridge over I-12;

J) [This bridge replacement or widening is dependent upon the successful Proposer's length of the Project.] Replacement or widening of the Coyell Creek bridge;

K) Modification of drainage structures to accommodate the widened Interstate-12 and its runoff;

L) Utility coordination and relocation, if necessary;

M) Modification of existing roadway lighting and accommodation for future roadway lighting and Intelligent Transportation Systems (ITS); and

N) A warranty meeting the following requirements:

1) A 10-year warranty for all roadway;

2) A 15-year warranty for all bridges; and

3) At the end of the warranty period, all improvements must be in the same condition as those improvements were at final acceptance of the construction Work for the Project.

See Contract Documents, Part 3 – Design Requirements and Performance Specifications, Appendix A – Performance Specifications, Warranty Performance Specification.

4.0 ASSOCIATED WORK

The Design-Builder shall, in association with the design and construction of the physical components of the Project, perform the following elements of Work:

A) Associated aesthetics and landscaping;

B) Design and construction management;

C) Project-related public information activities;

D) Coordination with Project stakeholders and other contractors adjacent to the Work;

E) Design Quality Control and design review (*see* Contract Documents, Part 2 – DB Section 100, DB Section 111);

F) Construction Quality Control (*see* Contract Documents, Part 2 – DB Section 100, DB Section 112);

G) Environmental mitigation and compliance monitoring (*see* Contract Documents, Part 3 – Design Requirements and Performance Specifications, Appendix A – Performance Specifications, Environmental Mitigation and Compliance Performance Specification);

H) Any additional environmental investigations and monitoring associated with or resulting from the Design-Builder's actions;

I) Maintenance of traffic, access to property (both temporary and permanent) (see Contract Documents, Part 3 – Design Requirements and Performance Specifications, Appendix A – Performance Specifications, Traffic Control Plan Performance Specification);

J) Project safety and security;

K) Any necessary Preliminary Engineering (PE) (such as surveys and geotechnical investigations) not provided by the LA DOTD;

L) Any necessary 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) Any necessary ancillary Work, such as, access roads, driveways, temporary fencing, relocation of drainage, Work sites, and temporary Work;

Q) Location, acquisition, permits, and transportation for Material;

R) Coordination of the relocation of any utilities and municipal drainage facilities and the design and relocation of any utilities as designated in Part 5 – Utility Requirements;

S) Site clearance;

T) Maintenance of the Project during the Contract period; and

U) Any other activities, functions, or elements necessary to the successful completion of the Project.

5.0 BASIC PROJECT CONFIGURATION

The Basic Project Configuration shall consist of the following:

A) The horizontal and vertical alignments;

B) Number of interchanges;

C) Number of bridges;

D) Number of lanes;

E) The general location of the limits of the Project;

F) The minimum vertical clearances; and

G) The Right-of-Way limits.

5.1 STANDARD FOR DETERMINING MATERIALITY OF CHANGE IN BASIC PROJECT CONFIGURATION

The following are the standards for determining materiality of Basic Project Configuration changes:

A) Any change to the Project that affects the Project ROW limits or the minimum vertical and/or horizontal clearances;

B) A change in the termini of the Project (either or both) by more than ten feet longitudinally;

C) Any change in the Project Right-of-Way limits depicted; and/or

D) Any change in Section 5.1(A) through (C) requiring a change in the permits secured from the United States (US) Army Corps of Engineers (COE) and the Louisiana Department of Natural Resources (DNR).

See Contract Documents, Part 2 – DB Section 100, DB Section 104.

6.0 LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT-PROVIDED MATERIAL OR EQUIPMENT

The Louisiana Department of Transportation and Development will not be providing any design, Material, or Equipment for the Design-Builder's use.