

WORK AUTHORIZATION NO. 4

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Agreement dated April 28th, 2014 (“Agreement”) between Webb County, Texas (“Owner”) and S&B Infrastructure, Ltd. (“S&B”).

PART 1. The Owner will provide the services and items listed in Exhibit A to this Work Authorization. S&B will perform the services set forth in Exhibit B to this Work Authorization.

PART 2. The Owner must pay S&B for the services being provided as:

The Services will be provided for the fixed price amount of \$27,500.00. This amount may be amended by mutual agreement of the Parties and established in a Work Authorization revision.

The services will be provided on a cost reimbursable basis. The rates and associated charges are described in Exhibit D of this Work Authorization. The maximum amount payable for services under this Work Authorization is \$_____ unless amended by mutual agreement of the Parties and established in a Work Authorization revision.

PART 3. This Work Authorization shall become effective on the date of final acceptance of the parties hereto. This Work Authorization does not waive the parties’ responsibilities and obligations provided under the Agreement. This Work Authorization is hereby accepted and acknowledged below.

Webb County, Texas

S&B Infrastructure, Ltd.

By: _____

By: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

LIST OF EXHIBITS

Exhibit A - Services to be Provided by Owner

Exhibit B - Services to be Provided by S&B

EXHIBIT A: SERVICES TO BE PROVIDED BY THE OWNER

The following provides an outline of the support to be provided by the **Owner** in support of Consultant's performance of the Work.

GENERAL

The **Owner** will provide to S&B the following:

- (1) Authorization to S&B to begin Work in accordance with this Agreement.
- (2) Payment for work performed by S&B and accepted by the **Owner** in accordance with this Agreement.
- (3) Assistance to S&B, as necessary, to obtain the required data and information that S&B cannot easily obtain from other local, regional, State and Federal agencies.
- (4) Provide any available relevant data the **Owner** may have on file relevant to Consultant's performance of the Work.
- (5) Provide timely review and decisions in response to S&B's request for information and/or required submittals and deliverables, that allow S&B to maintain the agreed-upon work schedule prepared in accordance with schedules set forth in each Work Authorization.
- (6) Attend and participate in progress meetings as required and as coordinated and conducted by S&B.
- (7) **Owner** will coordinate any and provide any FEMA Map revision studies and applications if necessary.

EXHIBIT B: SERVICES TO BE PROVIDED BY S&B

MODIFY FINAL DESIGN AND PLANS, SPECIFICATIONS & ESTIMATES (PS&E) FOR ESPEJO GATES ROAD PROJECT

S&B will develop the final design and prepare contract drawings, specifications and estimates for construction of the **Espejo Gates Road Project** from the intersection of US83, west approximately 5 miles with the discussed revisions to eliminate two (2) bridge crossings and reduce project scope as directed by **Owner** due to budgetary constraints. These documents shall in all respects combine the application of sound engineering principles with a high degree of economy, and shall be submitted to the applicable city, county, state, and/or federal agencies for approval.

All final plan sheets shall be developed, by S&B, on 11" x 17" reproducible, 4 mil, double-matte, white, opaque film.

Graphics files shall be developed by S&B in AutoCad Civil 3D file format, and must plot consistent with the reproducible plots submitted.

Plan Sheets. Plan sheets developed by S&B will include, but not be limited to, title sheet, typical sections, sequence of construction, traffic control (as applicable), specification data (including schedules for minimum sampling and testing), estimate and quantity, plan-profile, roadway details, bridge and culvert details, hydraulic details, and standards. (TxDOT Standards may be used, but must be signed and dated by the **Project Engineer** of responsible supervision as being applicable to each project.)

Specifications. Will remain as submitted on PS&E set dated June 2016.

Estimates. S&B will revise prior cost estimates to reflect modified plans submitted on this Work Authorization 4.

Specific (*basic*) services for **FINAL DESIGN AND PLANS, SPECIFICATIONS & ESTIMATES** by S&B will include the following:

RIGHT OF WAY DATA

S&B will utilize existing fence lines as existing ROW location. All work required for additional ROW takings necessary for construction will be negotiated under a separate Work Authorization.

DRAINAGE

FEMA Coordination:

(1) No FEMA Floodplain studies or coordination are included in this scope. If S&B is requested to provide service it will be done under separate work authorization.

Miscellaneous Drafting, Standards, and Details

- (1) S&B will prepare a title sheet indicating, at a minimum, project limits, project location map, name of owner and owner acknowledgement/acceptance, facility identification, specification reference, Engineer's seal, signature, and date.
- (2) S&B will determine appropriate standard drawings (clearly identifying agency of prepared standard) to be incorporated into the plans, and sign / seal any modifications to any agency or industry -approved standards.
- (3) S&B will develop any details to clarify any construction requirements of the plan drawings.

PS&E Supporting Documents

- (4) **Specification List & General Notes.** S&B will prepare an applicable specification list, as well as any general notes that may be applicable to each PS&E submission.
- (5) **Estimates.** S&B will prepare detailed cost estimates and proposals of authorized construction, which shall include summaries of bid items and quantities based, insofar as practicable, on the unit price system of bidding. S&B will not be required to guarantee the accuracy of those estimates.
- (6) **Contract Time Determination Statement.** S&B will determine the time required for construction of the project, outlining phases of construction and appropriate rates of production and construction for bid items determined to be in the critical path for construction of the PS&E submittal.