

**HIDALGO COUNTY**  
**Professional Engineering Services**  
Contract No. C-09-264-10-06

**WORK AUTHORIZATION NO. 2**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Article 7 of the **Agreement** made by and between the **HIDALGO COUNTY**, acting herein by and through the **COMMISSIONER'S COURT**, hereinafter called the "**Owner**", and **S&B INFRASTRUCTURE, LTD.**, professional engineers of McAllen, Texas, hereinafter called the "**Engineer**".

**PART 1. Scope of Work.** The purpose of this Work Authorization is associated with the repairs to the 3<sup>rd</sup> Floor, north side of the Hidalgo County Courthouse.

**A. Scope of Services to be Provided by the Owner.** The following provides an outline of the services to be provided by the Owner in the development of the Project:

1. Authorization to the Engineer to begin work.
2. Assistance to the Engineer, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the Engineer cannot easily obtain.
3. Provide any available relevant data the Owner may have on file concerning the Project.
4. Provide timely review and decisions in response to the Engineer's request for information and/or required submittals and deliverables, in order for the Engineer to maintain the agreed-upon work schedule.
5. Obtain and pay vendor or construction contractor to perform the construction of needed repairs.

**B. Scope of Services to be Provided by the Engineer.**

1. Statement of Problem. On June 9, 2010 S & B Infrastructure, Ltd. conducted a site survey of the Hidalgo County Courthouse. The survey was in response to a problem which arose in the 3rd floor north side of the building. The problem was water intrusion throughout the northwest side windows and walls. The accumulation of water appears to be due to the water seepage into cracks and crevices on the building's parapet wall. The parapet walls have numerous cracks on the top surface due to the age and deterioration of the mortar between the joints.
2. The Engineer shall design reinforcing for the limestone panels to prevent detachment. The Engineer will evaluate and analyze the most effective method of reinforcing each panel. These methods include bolting each individual panel to the structure. Waterproofing will require removing grout compound and replacing with a more industrial grade compound to increase rigidity, durability and water

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resistance. The Engineer shall also consider cost effectiveness on which method is more effective as well durable. Specifications will be provided for a clear scope of work for the construction contractor and any questions prior to initiating the construction of this project shall be brought to the attention of the Engineer. The Engineer shall also design an effective solution to the problem at the roof parapet, including the design of a galvanized sheet metal coping on the roof parapet. The coping shall be installed throughout the perimeter of the affected roof areas. The coping shall be sized and installed as per parapet size requirements and specifications shall be provided for a clear understanding of the project's requirements. The Engineer shall also design an improved method of resealing the valley section on the modified membrane roof section. During the construction process of the building's modifications, the Engineer shall visit the site periodically to ensure the construction contractor is in compliance with the project's plans and specifications. An assessment of the construction contractor's abidance with OSHA (Occupational Safety and Hazards Association) standards will be evaluated as well and any discrepancies identified at the construction site shall be brought to the attention of the construction contractor.

**PART 2. Estimated Cost.** The estimated cost for services under this Work Authorization is **\$25,000**. This amount is based upon the costs outlined in Attachment "A".

**PART 3. Payment.** Compensation and payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with Articles 5, 6, and 7 of the **Agreement**.

**PART 4. Funding.** This work authorization shall be funded through the following funding source:

Account No.

0-1336-412-00-220-010-0-431

Requisition No. \_\_\_\_\_

**PART 5. Period of Service.** This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate upon the scopes of services of the work authorization.

**PART 6. Responsibilities and Obligations.** This Work Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement**.

**PART 7. Acknowledgement and Confirmation.** Acknowledgement and confirmation by **Hidalgo County Precinct #4, Commissioner Oscar L. Garza** as to content and detail of this Work Authorization.

**HIDALGO COUNTY PRECINCT #4:**

BY:

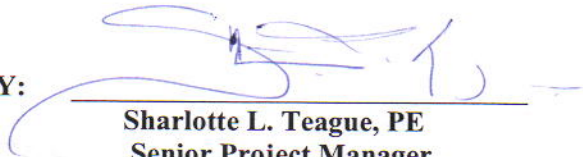
  
Oscar L. Garza, Commissioner

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**PART 8. Acceptance and Approval.** This Work Authorization is hereby accepted, approved by Hidalgo County Commissioner's Court on June 15, 2010 as indicated below, and effective as of 15<sup>th</sup> day of June 2010.


**THE ENGINEER:**  
S&B INFRASTRUCTURE, LTD.

BY:

  
\_\_\_\_\_  
Charlotte L. Teague, PE  
Senior Project Manager

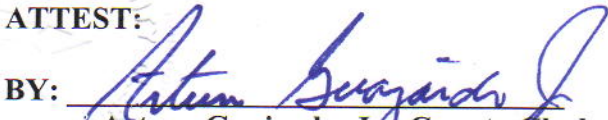
**THE OWNER:**  
HIDALGO COUNTY

BY:

  
\_\_\_\_\_  
Rene A. Ramirez  
County Judge

ATTEST:

BY:

  
\_\_\_\_\_  
Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS  
ATTACHMENT "A" COST PROPOSAL

**AI-21595****23.G.1.****Authority to request Work Authorization for Courthouse Water Leaks from S&B Infrastructure"****CC REGULAR****Date:** 06/15/2010**Submitted By:** Oscar Garza, PURCHASING DEPT.**Submitted For:** Marty Salazar**Department:** PURCHASING DEPT.**Agenda Category:** Purchasing Department **Sub-category:** Buildings & Grounds**Information****CAPTION**

a. Approval of Work Authorization #2 submitted by S&B Infrastructure (contracted engineer for repairs/renovations of County owned buildings/structures in Pct. #4) with an estimated amount of \$ 25,000.00 for the development and drafting of plans, scopes of work & specifications to eliminate water leaks and/or seepage to the courthouse through the stone building panels and/or roof water puddling.

b. Approval to request proposals from Job Order Contractors:

1. Herrera & Hunt Inc. (awarded through Hidalgo County's membership/participation with Harris County Department of Education's JOC Program); and,

2. CAS Companies JOC thru TCPN Contract #R-5004 as approved on 05/24/10; so as to determine the "best value" under Tx. Local Government Code 271.113 or, in the alternative,

c. Request authority to proceed with sealed procurement process through conventional construction method and approval to advertise same.

**BACKGROUND**

A walk-thru was conducted on June 09, 2010 at the County Courthouse building roof top and various offices for an assessment of water leaks and as a follow up to previous recommendations by ERO as per attached.

**Fiscal Impact****FISCAL YEAR:** 2010**ACCT. #:** 0-1336-412-00-220-010-0-431**FUNDS AVAILABLE Y/N?:** Y/Pending**MATCHING FUNDS Y/N?:****BUDGETARY IMPACT:**

Funding for both engineering services (estimated at \$25-30K) and project itself (estimated at \$175-200K) will need to be identified and appropriated through Budget Office. (Refer to AI #21645)

**Attachments**Link: [recommended areas of repair](#)Link: [271.113 Procurement Code](#)**Form Routing/Status**

