

HIDALGO COUNTY
Professional Engineering Services
Work Authorization Form
C-11-190-10-11
WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section LA. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the Commissioner's Court, hereinafter called the "Owner," and, Hinojosa Engineering, Inc. professional engineers of Mission Texas, hereinafter called "Engineer".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Engineer to provide, "A Structural Assessment for Hidalgo County Health /WIC Clinic located at 211 S. Schuerbach Road, Mission, Texas.

The scope of services to be provided by the Owner is identified in *EXHIBIT "A"-Scope of Services to be Provided by the Owner* attached hereto.

The scope of services to be provided by the Engineer is identified in *EXHIBIT "B"-Scope of Services to be Provided by the Engineer* attached hereto.

PART2. ESTIMATED COST

The estimated cost for services under this Work Authorization is

*****PRELIMINARY PHASE**

*Structural Assessment Report	\$2,550.00
*Geotechnical Investigation	\$6,500.00
*Elevation Survey	\$2,170.00
*Plumbing Survey	\$3,800.00
	\$15,020.00

*****DESIGN PHASE** \$3,650.00

*****CONSTRUCTION PHASE** \$3,000.00

Construction. This amount is based upon the costs outlined in the Estimated Cost Proposal attached hereto as EXHIBIT "D".

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Article 6 of the Agreement.

PART 4. FUNDING

This Work Authorization No.1 shall be funded through funding source:
Account No. 2-1100-419-40-220-001-0-334

Requisition Number _____(MUST BE INCLUDED AFTER CC APPROVAL)

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate upon completion of scopes of the work authorization.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Facilities Management Department to content and detail of this Work Authorization No.1.

FACILITIES MANAGEMENT DEPARTMENT

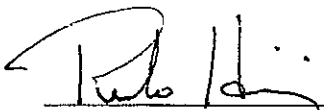
BY: _____

PARTS 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on 09/25/12 as indicated below and effective as of 25th day of September, 2012.

THE ENGINEER:
(HINOJOSA ENGINEERING, INC)

THE OWNER:
HIDALGO COUNTY


By: (Ricardo Hinojosa, P.E.)

Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr., County Clerk

LIST OF ATTACHMENTS

- ATTACHMENT "A"- Service to be Provided by the Owner
- ATTACHMENT "B"- Services to be Provided by the Engineer
- ATTACHMENT "C"- Work Schedule
- ATTACHMENT "D"- Cost Proposal

EXHIBIT A

SCOPE OF SERVICES TO BE PROVIDED BY THE OWNER

GENERAL

The Owner will provide to the Engineer the following:

- (1) Available construction documents for (Phase I) 1985 construction and (Phase II) 2001 construction. Available Geotechnical Reports for both phases.

EXHIBIT B

SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

PROJECT
(Description of Services)

Structural Assessment for Hidalgo County Health /WIC Clinic.
211 S. Schuerbach Road, Mission, Texas.

A. Preliminary Phase:

1. Walk through of Building on Monday, October 17, 2011.
2. Interview the Occupants, Owner and Client, if possible regarding a history of the property and performance of the structure.
3. Review any available Construction Documents and Geotechnical Investigation Reports and documents pertaining to the foundation or structure provided by the Owner.
4. Make a Visual Observation during a physical walk-through of the structure to observe factors influencing the performance of it.
5. Contract a Geotechnical Engineer to provide a subsurface Investigation Report of this site at this present time.
6. Conduct elevation surveys of the interior floors and finished grade along the perimeter of the building.
7. Conduct a Hydrostatic and Flow testing of the sewer lines and pressure of the domestic water line.
8. Provide a structural assessment report, containing at least the following:
 - a.) Scope of work.
 - b.) Observations, site characteristics and data deemed pertinent by the engineer.
 - c.) Discussion of major factors influencing the structural performance and rationale in reaching conclusions concerning the subject structure.
 - d.) Conclusions and any recommendations for remedial preventative measures (No Drawings or Design will be included).

B. Design Phase:

1. Perform engineering analysis and design to elevate structural reliability for existing gravity and lateral loads.
2. Prepare detailed contract drawings and specifications for construction authorized by the Owner. These designs shall in all respects combine the application of sound engineering principles with a high degree of economy.
3. 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. The Engineer shall not be required to guarantee the accuracy of those estimates.

4. Furnish the Owner all necessary copies of approved plans, specifications, notices to bidders, and proposals. All sets of plans in excess of 5 are to be paid for separately.
5. Assist the owner in the advertisement of the Project for bids.
6. Assist the Owner in the opening and tabulation of bids for construction on the project, and recommend to the Owner as to the proper action on all proposals received.
7. Assist in the preparation of formal contract documents for the award of contracts.
8. Prepare and assist owner in preparing any reports, plans, documentation, studies or other material of any nature whatsoever, which Owner may need or be required to submit to any federal, state or local authority in order to comply with any federal, state or local statute, order, regulation, ordinance or guideline.

C. Construction Phase:

1. We will consult and advise the Owner and act as Owner's representative as provided in the General Conditions of the Construction Contract.
2. We will provide construction administration, including visits to the site of construction at least three times each week.
3. We will consult and advise the Owner during construction.
4. We will submit a written monthly report to the Owner which outlines the progress of the construction.
5. Review shop or working drawing furnished by contractors.
6. Review all Payment Applications submitted by Contractor.
7. We will perform a final inspection of the Project.

EXHIBIT C

WORK SCHEDULE

**Project-Structural Assessment for Hidalgo County Health /WIC Clinic.
211 S. Schuerbach Road, Mission, Texas.**

Date: September 19, 2012

Client- Hidalgo County Precinct No. 3

Project# - 11-215

<u>Task</u>	<u>Estimate Schedule</u>
1. Preliminary Investigation Report	November 21,2011
2. 100% Final Investigation Report	To be established by Owner
3. 75% of Constmction Plans Issued	To be established by Owner
4. 95% ofConstmction Plans Issued	To be established by Owner
5. County Staff Review Comments Due	To be established by Owner
6. 100% ofConstmction Plan Issued	To be established by Owner
7. Advertisement for Bid	To be established by Owner
8. Bid Closed	To be established by Owner
9. Review Bids and present to County Commission	To be established by Owner
10. Pre Constmction Meeting	To be established by Owner
11. Constmction Phase	To be established by Owner

EXHIBITD

ENGINEER'S RATES

Engineer and Surveyors Contract Rates

1. Principal	\$125.00/Hr.
2. Engineer	\$75.00/Hr.
3. Engineer Technician	\$60.00/Hr.
4. CADD Technician	\$45.00/Hr.
5. R.L.P.S.	\$85.00/Hr.
6. Survey Crew	\$75.00/Hr.
7. GPS Survey Crew	\$88.00/Hr.
8. Clerical	\$35.00/Hr.

Hinojosa Engineering, Inc.
 Client: Hidalgo County
 Project: Hidalgo County Precinct 3 - WIC Clinic at 211 S. Schuerbach Rd., Mission, TX
 Project Number: 11-215

EXHIBIT "E"
FEE BUDGET ESTIMATE - PROFESSIONAL ENGINEERING AND SURVEYING SERVICES
HIDALGO COUNTY PRECINCT 3 - WIC CLINIC
PRELIMINARY PHASE / DESIGN PHASE / CONSTRUCTION PHASE

DESCRIPTION OF WORK TASK	BASIS OF MANHOUR ESTIMATE		MANHOURS PER TASK BY CLASSIFICATION						TOTAL MANHOURS PER TASK	TOTAL FEE PER TASK
	QUANTITY	UNIT	PRINCIPAL	ENGINEER	ENGINEER TECHNICIAN	R.L.PS.	GPS SURVEY CREW	CLERICAL		
			\$125.00	\$75.00	\$60.00	\$85.00	\$88.00	\$35.00		
PRELIMINARY PHASE										
STRUCTURAL ASSESSMENT			4	21	5	0	0	5	35	\$2,550.00
GEOTECHNICAL INVESTIGATION**	LS	EA								\$6,500.00
ELEVATION SURVEY			0	0	0	4	20	2	26	\$2,170.00
PLUMBING SURVEY	LS	EA								\$3,800.00
TOTAL HOURS - PRELIMINARY PHASE			4	21	5	4	20	7	61	
TOTAL COST - PRELIMINARY PHASE										\$15,020.00
DESIGN PHASE			4	31	12	0	0	3	50	\$3,650.00
TOTAL HOURS - DESIGN PHASE			4	31	12	0	0	3	50	
TOTAL COST - DESIGN PHASE										\$3,650.00
CONSTRUCTION PHASE			4	22	9.5	0	0	8	43.5	\$3,000.00
TOTAL HOURS - CONSTRUCTION PHASE			4	22	9.5	0	0	8	43.5	
TOTAL COST - CONSTRUCTION PHASE										\$3,000.00
GRAND TOTAL HOURS									154.5	
GRAND TOTAL COST										\$21,670.00

**Subcontracted Raba-Kistner Consultants, Inc.