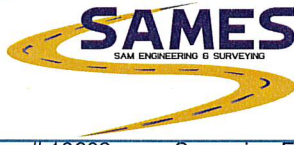


SAM Engineering and Surveying



Engineering Firm Reg # 10602 Surveying Firm Reg # 101416-00
200 South 10th Street, Suite 1500, McAllen, Texas 78501 Phone: (956) 702-8880 Fax: (956) 702-8883

July 23, 2020

Martha L. Salazar
Hidalgo County Purchase Agent
2812 S. Business Hwy 281
Edinburg, Texas 78539

Re: Testing/Bio-Safety Laboratory Facility

Ms. Salazar,


We are pleased to submit this proposal to provide Professional Engineering and Surveying Services in relation to the **Testing/Bio-Safety Laboratory Facility Project**. This project consists of providing overall Civil Engineering and Surveying Services for the proposed development project on behalf of the County of Hidalgo. Our proposal ensures full scope of services as required to successfully complete this project.

Please find attached the following:

- Work Authorization No. 1
- Exhibit B: Scope of Services_Engineer
- Exhibit C: Preliminary Schedule
- Exhibit D: Fee Schedule Breakdown
- Exhibit D1: Contract Rates

We appreciate the opportunity to assist Hidalgo County, with this important project. Please call me at 956-207-7130 if you have any questions or would like to discuss this project.

Thank you,


SD Samuel D. Maldonado, PE, RPLS
Principal

HIDALGO COUNTY
Professional Engineering Services
Engineering and Surveying
Agreement # C- 20-183-07-21
Work Authorization Form

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, SAMES, Inc., professional engineers and surveyors of McAllen, Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide Engineering, and Surveying Services needed for the Testing/Bio-Safety Laboratory Facility for Hidalgo County Health Department.

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.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$43,850.00**. 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. _____

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. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ as indicated below and effective as of ____ day of _____, 20_____.

**THE ENGINEER:
SAMES, Inc.**

**THE OWNER:
HIDALGO COUNTY**

By: **Samuel D. Maldonado, P.E.,
President**

By: **Richard F. Cortez,
County Judge**

ATTEST:

**BY: _____
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" - Estimated Cost Proposal

EXHIBIT “B”

SCOPE OF SERVICES TO BE PROVIDED BY ENGINEER

As per our understanding of the requirements for this proposal, SAMES will be providing Professional Engineering and Surveying Services for the development of the proposed Testing/Bio-Safety Laboratory Facility for Hidalgo County Health Department.in accordance with City of Edinburg, Hidalgo County, and The State of Texas building requirements.

- I. The work to be furnished under this Authorization for Professional Services related to the development of the property is detailed as follows (this list in not intended to be comprehensive)
 - A. **Surveying** – provide topographic surveying, boundary survey, collection of field data, utility coordination, and establish horizontal and vertical control for project.
 - B. **Civil Engineering** – it is understood that all City required public utility improvements will be designed and constructed (by others) prior to development of said property. Services under Civil Engineering include all site and utility infrastructure (private improvements only):
 - a. Design of pavement, driveway, and sidewalks as per city standards and specifications.
 - b. Provide a set of approved construction plans and specifications for bidding of work. Plans include but are not limited to the following:
 1. Grading plan
 2. Paving plan
 3. Site Drainage & Detention Plan
 4. Utility Plan
 - c. Periodic onsite oversight and response to design questions
 - d. Provide As-built drawings of developed site civil improvements
 - e. *These services do not include construction staking

EXHIBIT D
Testing/Bio-Safety Laboratory Facility for Hidalgo County Hidalgo County Health Department
(Work Authorization 1)

ESTIMATE SUMMARY OF MAN-HOURS

TASK DESCRIPTIONS		Principal/ Surveyor (RPLS)	Project Manager (PE)	Assist. Engineer (EIT)	GPS Survey Crew	CADD Tech III	Project Admin	Totals
Surveying Services								
1	Topographic and Boundary Survey Field Data Collection	4		16	32	40		92
2	Utility Coordination		6	24	4			34
3	H&V Project Control, Establish Project Benchmarks	1	2	4	4	8		19
4	As-built Field Data Collection			1	24			25
Subtotal Labor Hours		5	8	45	64	48	0	
Civil Engineering								
1	30% Submittal PS&E		3	18	8	60	2	91
2	60% Submittal PS&E		18	45	8	180	2	253
3	100% Submittal PS&E		8	28		80	8	124
4	Asbuilts Record Drawings		1	2		32	4	39
Subtotal Hours		0	30	93	16	352	16	
TOTAL HOURS		5	38	138	80	400	16	677
Loaded Hourly Rates		\$ 150.00	\$ 125.00	\$ 75.00	\$ 120.00	\$ 45.00	\$ 25.00	
Direct Labor		\$ 750.00	\$ 4,750.00	\$ 10,350.00	\$ 9,600.00	\$ 18,000.00	\$ 400.00	
TOTAL ESTIMATE		\$ 750.00	\$ 4,750.00	\$ 10,350.00	\$ 9,600.00	\$ 18,000.00	\$ 400.00	\$ 43,850.00