

## Evangelina Garcia

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**From:** Noe Montez [noe.montez@co.hidalgo.tx.us]  
**Sent:** Wednesday, May 04, 2011 4:37 PM  
**To:** evangelina.garcia@co.hidalgo.tx.us  
**Subject:** FW: Work Authorization 1, 2 and 3  
**Attachments:** WORK\_AUTORIZATION\_01.pdf; WORK\_AUTORIZATION\_02.pdf;  
WORK\_AUTORIZATION\_03.pdf

Here are the 1<sup>st</sup> three work auth for the Guzman, Munoz Engineering contract.....can you help us place on next cc meeting.....we would like it on for the meeting of the 10<sup>th</sup> of may...please advise if I need to do anything on my end to make this happen. if I need to call Monica etc.....thanks

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**From:** Jeff Riviera [mailto:JRIVIERA@gmes.biz]  
**Sent:** Wednesday, May 04, 2011 4:14 PM  
**To:** noe.montez@co.hidalgo.tx.us  
**Subject:** Work Authorization 1, 2 and 3

Mr. Montez,

Enclosed as requested are Work Authorization 1,2, and 3 as requested by the Commissioner in a letter dated April 26,2011.

Thank You,

*Jeff C. Riviera*

**Guzman & Munoz Engineering and Surveying, Inc.**

8(a) Coordinator

G.I.S. Analyst

Special Projects



**GUZMAN & MUÑOZ**  
ENGINEERING AND SURVEYING, INC.  
Texas Registered Engineering Firm F-8017

2020 E. EXPRESSWAY 83  
MERCEDDES, TX 78570

PHONE: (956) 565-4637  
FAX: (956) 565-4636

April 27, 2011

Commissioner Joel Quintanilla  
County of Hidalgo, Precinct # 1  
1902 Joe Stephens Ave.  
Weslaco, Texas 78596

RE: Mile 12 1/2 North Road Improvements (FM 88 to Mile 4 West Rd.)  
Engineering Services Proposal

Commissioner Quintanilla:

It is our pleasure to submit to Hidalgo County Precinct # 1, this proposal for Professional Engineering Services in relation to the above mentioned project and your letter dated April 26, 2011 requesting a Work Authorization proposal. Our site visits and preliminary research along with our meeting with you and your staff concerning Mile 12 1/2 North, has given us an understanding of the required improvements for this project. Based on this information the following are our fees for:

Drainage Study	\$ 5,000.00
Engineering Design for Drainage Study Recommendations	\$17,100.00
Construction Phase Services/Daily Inspection	\$ 8,600.00
Topography Surveying for Study& Design	\$15,800.00

We are prepared to proceed with construction plans for the improvements of Mile 12 1/2 North. The plans will meet all criteria requirements set forth by the County. We will be performing services as follows:

- Topographic Survey
- Drainage Study
- Plans
- Specifications
- Construction Cost Estimates
- Close Out Documentation
- As-Built Plans

Should you have any questions or concerns please feel free to contact our office at (956) 565-4637.

Respectfully Submitted,

Jose E. Muñoz, P.E., S.I.T.  
Principal

Hidalgo County Precinct #1  
Mile 12 1/2 N. Road  
Improvements

April 2011



2020 E. Expressway 83  
Mercedes, Texas 78570  
(956) 565-4637

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-11-111-04-19**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 002**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between HIDALGO COUNTY, action herein by and through the Commissioner's Court, hereinafter called the "Owner," and, Guzman & Munoz Engineering and Surveying Inc., professional engineers of Mercedes, Texas, hereinafter called "Engineer".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the Engineer to provide Professional Engineering, Surveying and Construction Management Services for Drainage Improvements to Mile 12 ½ North Road, from FM 88 (Mile 5 West) to Mile 4 West.

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 \$ 46,500.00. 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 thru 6.5 and all applicable sections of the Agreement.

**PART 4. FUNDING**

This Work Authorization No. 002 shall be funded through funding source:

Account No. 1-1342-431-00-121-041-0-731

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 on April, 30, 2012 as indicated in the "Exhibit C-Preliminary Work Schedule".

**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 Hidalgo County Precinct #1, Commissioner as to content and detail of this Work Authorization No. 002.

**HIDALGO COUNTY PRECINCT # 1 JOEL QUINTANILLA.**

BY: \_\_\_\_\_

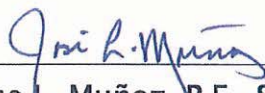
Joel Quintanilla, Commissioner

**PART 8. 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 \_\_\_\_\_, 2011.

**THE ENGINEER:**  
Guzman & Munoz Engineering  
& Surveying Inc.

**THE OWNER:**  
HIDALGO COUNTY

  
\_\_\_\_\_  
By: Jose L. Muñoz, P.E., SIT

\_\_\_\_\_  
By: Ramon Garcia, County Judge

**ATTEST:**

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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" - Cost Proposal

**EXHIBIT "A"**

**Scope of Services  
Provided by Owner**

## **EXHIBIT "A"**

### **HIDALGO COUNTY PRECINCT 1**

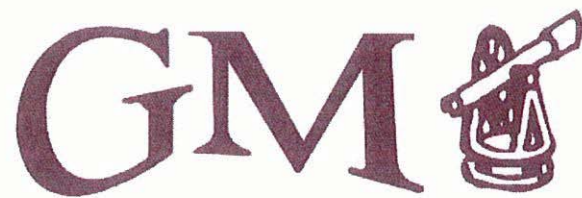
#### **Mile 12 ½ North Road Drainage Study and Improvements**

##### **Scope of Services**

1. The following provides an outline of the services to be provided by OWNER in the development of Project.
2. The OWNER will provide to the ENGINEER the following:
3. Authorization to the ENGINEER to begin work in accordance with Section 3 of this Agreement.
4. Payment for work performed by the ENGINEER and accepted by the OWNER in accordance with Section 6 of the Agreement.
5. Assistance to the ENGINEER, as necessary, to obtain the required data and information from local, regional, State and Federal agencies that the ENGINEER cannot easily obtain as required.
6. Provide any available relevant data the OWNER may have on file concerning the project.
7. Provide timely review and decisions in response to the ENGINEER'S request for information and/or required submittals and deliverable, in order for the ENGINEER to maintain the agreed-upon work schedule prepared in accordance with Attachment "C" of this Agreement.
8. Attend and participate in progress meeting as required and as coordinated and conducted by the ENGINEER.
9. Attend the Preliminary Concept Conference coordinated and conducted by the ENGINEER and more particularly identified in Attachment "B" of the Agreement.
10. Assist the ENGINEER as required in the coordination with the USAGE and the Federal Emergency Management Agency (FEMA) and any other coordinating agency or entity.
11. Review and approve the Project design criteria.
12. Review and approve change orders if required and prepared by the ENGINEER.

**EXHIBIT "B"**

**Scope of Services  
Provided by Engineer**



## **EXHIBIT “B”**

### **HIDALGO COUNTY PRECINCT 1**

#### **Mile 12 ½ North Road Drainage Study & Improvements**

#### **Scope of Services**

This project consists of providing all necessary documentation and services as per the letter from Hidalgo Co. Pct 1 dated April 26, 2011 to GMES as well as construction plans.

and surveying for the Mile 12 ½ North Road Drainage Study & Improvements.

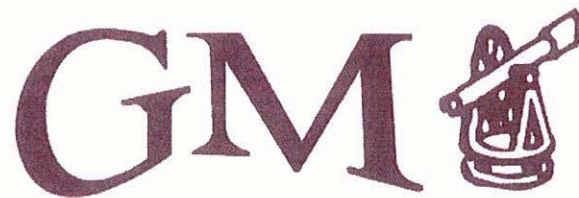
The following is the work to be done for this project:

1. Drainage Study and Drainage Improvements Project
  - a. Conduct a topographic survey for the project area.
  - b. Study drainage Issues and recommend improvements
  - c. Generate plans and profiles for the proposed project.
  - d. Provide site visits to monitor construction progress.
  - e. Review pay request and make recommendations
  - f. Administer the project closeout on behalf of the County including testing observations, documentation, etc.
  - g. Generate As-Built plans for the County upon project completion.

Please find attached as Exhibit “D” a preliminary Statement of Probable Cost in order to ensure that the discussed scope is in agreement with Hidalgo County Precinct #1.

**EXHIBIT "C"**

**Work Schedule**







**EXHIBIT "D"**

**Estimated Cost Proposal**



## EXHIBIT "D"

**ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST  
HIDALGO COUNTY PCT. 1 -MILE 12 1/2 NORTH DRAINAGE IMPROVEMENTS  
PROJECT  
From: FM 88 (Mile 5 West, to: Mile 4 West)**

ITEM NO	DESCRIPTION	EST QTY	UNIT	UNIT PRICE	TOTAL PRICE
<b>Sta. 10+00 to Sta. 62+00 Drainage Improvements</b>					
1	Roadside Drainage Swale Cut & Reshape (L. & Rt.)	52	STA.	\$400.00	\$20,800.00
2	18" RCP Culvert (Driveways)	1,023	L.F.	\$36.00	\$36,828.00
3	18" Concrete Safety End Treatment	62	EA.	\$700.00	\$43,400.00
4	24" RCP Equalizer	269	L.F.	\$48.00	\$12,912.00
5	Concrete Headwall for 24" RCP (Equalizer)	16	EA.	\$400.00	\$6,400.00
6	Caliche Driveway Repair	814	L.F.	\$4.00	\$3,256.00
7	Asphalt Driveway Repair	0	L.F.	\$7.00	\$0.00
8	Concrete Driveway Repair	100	L.F.	\$12.00	\$1,200.00
9	36" RCP (for Grated Drop Inlet Connections)	70	L.F.	\$65.00	\$4,550.00
10	48" RCP (Ditch Outfall)	40	L.F.	\$110.00	\$4,400.00
11	4' X 6' Grated Drop Inlet	4	EA.	\$4,000.00	\$16,000.00
12	MBGF	55	L.F.	\$80.00	\$4,400.00
13	Concrete Rip-Rap (20' X 40')	1	L.S.	\$5,000.00	\$5,000.00
16	Barricades, Signs & Traffic Control Plan per TxDOT TMUTCD (For Entire Project)	1	L.S.	\$8,000.00	\$8,000.00
17	Mobilization (Entire Project)	1	L.S.	\$4,000.00	\$4,000.00
<b>SUB-TOTAL AMOUNT</b>					<b>\$171,146.00</b>

<b>Total Probable Engineers Estimated Construction Cost</b>	<b>\$171,146.00</b>
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a.	10% Contingency	\$17,100.00
b.	Drainage Study	\$5,000.00
c.	Engineering Design for Drainage Study Recommendations	\$17,100.00
d.	Construction Phase Services / Daily Inspection	\$8,600.00
e.	Topography Surveying for Study & Design      5280 L.F.	\$15,800.00