

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

WORK AUTHORIZATION NO. 001

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 Paving and Drainage Improvements to Mile 17 North Road, from FM 3071 (Mile 4 West) to FM 1015 (Mile 3 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 \$ 63,900.00. 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.001 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.001.

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 May 10, 2011 as indicated below and effective as of 10th day of May, 2011.

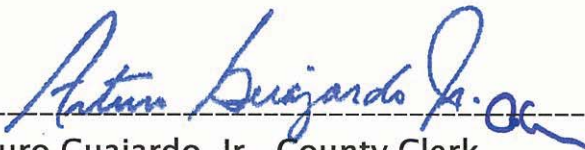
THE ENGINEER:
Guzman & Muñoz Engineering
& Surveying, Inc.


By: Jose L. Muñoz, P.E. S.I.T.

THE OWNER:
HIDALGO COUNTY


By: Ramon Garcia, County Judge

ATTEST:


By: Arturo Guajardo, Jr., County Clerk

APPROVED BY
COMMISSIONERS' COURT
ON: 5/10/11 

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 17 North Road 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 17 North Road Improvements

Scope of Services

This project consists of providing all necessary documentation and services as outlined in Hidalgo County Pct. 1 letter dated April 26, 2011, as well as construction plans,

and surveying for the Mile 17 North Road Improvements.

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

1. Road Improvements

- a. Conduct a topographic survey for the project area.
- b. Generate plans and profiles for the proposed project.
- c. Provide site visits to monitor construction progress.
- d. Review pay request and make recommendations
- e. Administer the project closeout on behalf of the County including testing observations, documentation, etc.
- f. 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

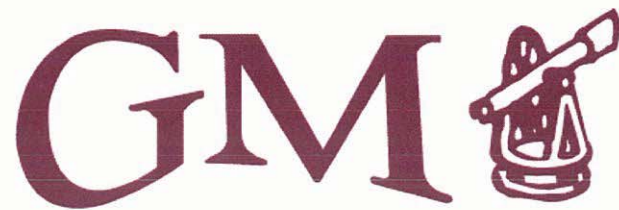


EXHIBIT "D"

Estimated Cost Proposal

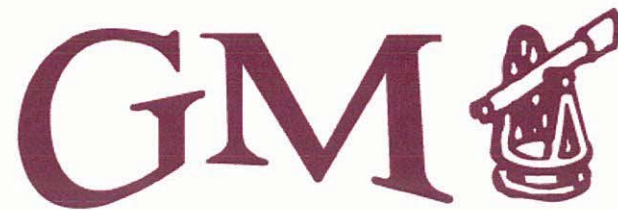


EXHIBIT "D"

ENGINEERS OPINON OF PROBABLE CONSTRUCTION COST HIDALGO COUNTY PCT. 1 -MILE 17 NORTH IMPROVEMENTS PROJECT From: Mile 4 West To: Mile 3 West

ITEM NO.	DESCRIPTION	EST. QTY	UNIT	UNIT PRICE	TOTAL PRICE
Section 1 - Sta. 53+23 to Sta. 56 + 00 Reconstruction (3 lanes, 2 - 12' & 1 - 14' Left, 277 feet length)					
1	Reworking Base Courses - Type B (TxDOT Item 251)	623	S.Y.	\$2.50	\$1,557.50
2	6" New Caliche Type E , Grade 4 (as needed)	343	Tons	\$14.00	\$4,802.00
3	12" Lime Treated Sub-Grade	1,214	S.Y.	\$4.50	\$5,463.00
4	Lime-stabilized Sub-Grade (4% by Weight)	23	Ton	\$140.00	\$ 3,220.00
5	Prime Coat (MC-30) (0.2 gal/S.Y.)	243	Gal.	\$4.00	\$972.00
6	Hot Mix Asphalt Concrete Pavement (Type D) (2" Comp. Thick)	1,214	S.Y.	\$10.00	\$12,140.00
7	Driveway (Asphalt) 1 1/2 " HACP w/ 6" Caliche Base	0	S.Y.	\$7.00	\$0.00
8	Driveway Concrete Repair 4' Wide (6X6X6ga WM)	0	S.F.	\$5.00	\$0.00
9	48 " Reinf. Concretete Valley Gutter	39	L.F.	\$18.00	\$702.00
10	18" Conc. Curb & Gutter Reinf.	112	L.F.	\$11.00	\$1,232.00
11	4" Wide Refl. Pav. Mrk - Type II - (TxDOT Item 666)	600	L.F.	\$1.50	\$900.00
12	Raised Pav. Mrk Type II-A-A (TxDOT Item 672)	50	EA.	\$7.00	\$350.00
13	18" RCP Culvert	160	L.F.	\$28.00	\$4,480.00
14	18" Conc. S.E.T.	4	EA.	\$900.00	\$3,600.00
15	Cleaning & Reshaping Ditches	3	STA.	\$300.00	\$840.00
16	Barricades, Signs & Traffic Handling (For Entire Project)	1	L.S.	\$12,000.00	\$12,000.00
17	Mobilization (Entire Project)	1	L.S.	\$11,000.00	\$11,000.00
SUB-TOTAL AMOUNT					\$63,258.50

Section 2 - Sta. 56 + 00 to Sta. 58+23 Reconstruction (Transition 3 Lanes to 2 Lanes, 224 feet length)					
1	Reworking Base Courses - Type B (TxDOT Item 251)	500	S.Y.	\$2.50	\$1,250.00
2	6" New Caliche Type E , Grade 4 (as needed)	275	Tons	\$14.00	\$3,850.00
3	12" Lime Treated Sub-Grade	725	S.Y.	\$4.50	\$3,262.50
4	Lime-stabilized Sub-Grade (4% by Weight)	19	Ton	\$140.00	\$ 2,660.00
5	Prime Coat (MC-30) (0.2 gal/S.Y.)	145	Gal.	\$4.00	\$580.00
6	Hot Mix Asphalt Concrete Pavement (Type D) (2" Comp. Thick)	725	S.Y.	\$11.00	\$7,975.00
7	Driveway (Asphalt) 1 1/2 " HACP w/ 6" Caliche Base	0	S.Y.	\$7.00	\$0.00
8	Driveway Concrete Repair 4' Wide (6X6X6ga WM)	0	S.F.	\$5.00	\$0.00
9	4" Wide Refl. Pav. Mrk - Type II - (TxDOT Item 666)	510	L.F.	\$1.50	\$765.00
10	Raised Pav. Mrk Type II-A-A (TxDOT Item 672)	45	EA.	\$7.00	\$315.00
11	18" RCP Culvert	0	L.F.	\$28.00	\$0.00
12	18" Conc. S.E.T.	8	EA.	\$900.00	\$7,200.00
13	Cleaning & Reshaping Ditches	2	STA.	\$300.00	\$600.00
SUB-TOTAL AMOUNT					\$28,457.50

EXHIBIT "D"

**ENGINEERS OPINION OF PROBABLE CONSTRUCTION COST
HIDALGO COUNTY PCT. 1 -MILE 17 NORTH IMPROVEMENTS PROJECT
From: Mile 4 West To: Mile 3 West**

Section 3 - Sta. 58+23 to Sta. 106+75 (2 lanes overlay, 4,852 feet length)					
1	Hot Mix Asphalt Concrete Pavement (Type D) (1½" Comp. Thick) (Over-Lay)	11,325	S.Y.	\$7.50	\$ 84,937.50
2	Tack Coat (SS-1) (0.05 gal/S.Y.)	566	Gal.	\$4.00	\$2,265.00
3	Driveway (Asphalt) 1 1/2 " HACP w/ 6" Caliche Base	160	S.Y.	\$8.00	\$1,280.00
4	Driveway Concrete Repair 4' Wide (6X6X6ga WM)	1,175	S.F.	\$5.00	\$5,875.00
5	4" Wide Refl. Pav. Mrk - Type II - (TxDOT Item 666)	2,430	L.F.	\$1.50	\$3,645.00
6	18" RCP Culvert	128	L.F.	\$28.00	\$3,584.00
7	18" Conc. S.E.T.	14	EA.	\$900.00	\$12,600.00
8	Cleaning & Reshaping Ditches	21	STA.	\$300.00	\$6,300.00
9	4 X 6 Grated Inlets	6	EA.	\$3,000.00	\$18,000.00
10	24" RCP for inlets	100	L.F.	\$48.00	\$4,800.00
11	36" RCP for inlets	200	L.F.	\$72.00	\$14,400.00
12	80' X 10' Conc. Rip-Rap (Stl. Reinf)	800	S.F.	\$7.50	\$6,000.00
SUB-TOTAL AMOUNT					\$163,686.50

Section 4 - Sta. 106+75 to Sta. 107+37 (2 lanes 62 feet length)					
1	Reworking Base Courses - Type B (TxDOT Item 251)	140	S.Y.	\$2.50	\$350.00
2	6" New Caliche Type E , Grade 4 (as needed)	48	Tons	\$14.00	\$672.00
3	12" Lime Treated Sub-Grade	166	S.Y.	\$4.50	\$747.00
4	Lime-stabilized Sub-Grade (4% by Weight)	4	Ton	\$140.00	\$ 560.00
5	Prime Coat (MC-30) (0.2 gal/S.Y.)	33	Gal.	\$4.00	\$132.00
6	Hot Mix Asphalt Concrete Pavement (Type D) (2" Comp. Thick)	165	S.Y.	\$9.00	\$1,485.00
7	Driveway (Asphalt) 1 1/2 " HACP w/ 6" Caliche Base	11	S.Y.	\$7.00	\$77.00
8	Driveway Concrete Repair 4' Wide (6X6X6ga WM)	0	S.F.	\$3.50	\$0.00
9	4" Wide Refl. Pav. Mrk - Type II - (TxDOT Item 666)	67	L.F.	\$1.50	\$100.50
10	18" RCP Culvert	32	L.F.	\$28.00	\$896.00
11	18" Conc. S.E.T.	2	EA.	\$900.00	\$1,800.00
12	Cleaning & Reshaping Ditches	1	STA.	\$300.00	\$300.00
SUB-TOTAL AMOUNT					\$7,119.50

Total Probable Engineers Estimated Construction Cost	\$262,522.00
---	---------------------

a. 10% Contingency	\$26,250.00
b. Engineering	\$30,300.00
c. Constuction Phase Services / Daily Inspection	\$14,400.00
d. Topography Surveying	\$19,200.00
5420 L.F.	



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 17 North Road Improvements (FM 3071 to FM 1015)
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, as per your letter to us dated April 26, 2011, requesting our Work Authorization Proposal and our site visits and preliminary research along with our meeting with you and your staff on Mile 17 North has given us an understanding of the required improvements for this project. Based on this information the following are our fees for:

Engineering	\$30,300.00
Construction Phase Services/Daily Inspection	\$14,400.00
Topography Surveying	\$19,200.00

We are prepared to proceed with construction plans for the improvements of Mile 17 North. The plans will meet all criteria requirements set forth by the County. We will be performing services as follows:

- Topographic Survey
- 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 L. Muñoz, P.E., S.I.T.
Principal

Hidalgo County Precinct #1

Mile 17 N. Road

Improvements

April 2011



GUZMAN & MUÑOZ
ENGINEERING AND SURVEYING, INC.

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

ida

participant Arbitrage Compl for the provision of services as requested in RFQ NO: 2011-070-03-16-VYG-Arbitrage Calculation Services for Hidalgo County and Hidalgo County Drainage District.

6. AI-26450 **approved** Acceptance and approval of final negotiated contract document with between Dr. Norma Jean Farley, M.D. and the County of Hidalgo in connection to RFQ NO: 2010-002-06-30-Pathologist To Provide Turnkey Autopsy And Related Services-Hidalgo County including authority for County Judge or Court Member to execute/sign document-Contract #C-2010-002-02-22 .

7. AI-26471 **approved** Acceptance and approval of "Certificate of Substantial Completion" for Old Administratin Building -"Asbestos Abatement Services", from contractor, R.L. Abatement, Inc, as submitted and certified by project architect, Alcocer Garcia Associates, Inc.

8. AI-26446 Clarification on Agenda Item #25099 (approved by Commissioners Court on 4-26-11) in connection with Letter Of Engagement with the firm of First Southwest to reflect the following:

approved a. To correct "(term of one year) to "term of three (3) years with County's option to renew for two (2) additional years under the same rates, terms and conditions" as all original supporting documentation confirms and NOT (term of one year) as on the original caption; and

b. to correct: **effective date as May 10, 2011** and not May 27, 2011;

approved for the RFP No: 2010-343-11-10-YZV-Financial Advisory Services Project".

B. Pct. 1

1. AI-26545 **approved** Approval of request for Work Authorizations as follows with Guzman & Munoz Engineering & Surveying for professional engineering services through Contract #C-11-111-04-19 for: "On Call Engineering Services For Road & Bridge, C.I.P. Drainage Project" in Precinct #1:

approved a. Work Authorization #001: Paving and Drainage Improvements to Mile 17 North Road, from FM 3071 (Mile 4 West) to FM 1015 (Mile 3 West) in the amount of \$63,900.00 as defined in Part 2 and Exhibit D of the Work Authorization; and

approved b. Work Authorization #002: Drainage Improvements to Mile 12½ North Road, from FM 88 (Mile 5 West) to Mile 4 West in the amount of \$46,500.00 as defined in Part 2 and Exhibit D of the Work Authorization; and

approved c. Work Authorization #003: Drainage Improvements to Mile 6 North Road and Anastasia Road (Sunrise Subd.) in the amount of \$32,700.00 as defined in Part 2 and Exhibit D of the Work Authorization.

C. Pct. 2

1. AI-26509 **approved** Requesting acceptance & approval of Certificate of Substantial Completion, and Application for Payment (Retainage Release) in the amount of \$17,848.75 from Leal Construction, Inc. (contracted vendor) for "Hidalgo County Precinct No. 2 -Alamo Road Crossing Drainage Improvements Project" and as certified for payment by project engineer, Raul Sesin, P.E., Hidalgo County Planning Department with

APPROVED

AI-26545

17.B.1.

Approval Of Work Authorizations #1-2-3 with Guzman & Munoz Engineering
(Contract #C-11-111-04-19)

CC REGULAR

Date: 05/10/2011
Submitted By: Vangie Garcia, PURCHASING DEPT.
Submitted For: Marty Salazar
Department: PURCHASING DEPT.
Agenda Category: Purchasing Department

Sub-category: Prct. 1

Information

CAPTION

Approval of request for Work Authorizations as follows with Guzman & Munoz Engineering & Surveying for professional engineering services through Contract #C-11-111-04-19 for: "On Call Engineering Services For Road & Bridge, C.I.P. Drainage Project" in Precinct #1:

1. Work Authorization #001: Paving and Drainage Improvements to Mile 17 North Road, from FM 3071 (Mile 4 West) to FM 1015 (Mile 3 West) in the amount of \$63,900.00 as defined in Part 2 and Exhibit D of the Work Authorization; and
2. Work Authorization #002: Drainage Improvements to Mile 12½ North Road, from FM 88 (Mile 5 West) to Mile 4 West in the amount of \$46,500.00 as defined in Part 2 and Exhibit D of the Work Authorization; and
3. Work Authorization #003: Drainage Improvements to Mile 6 North Road and Anastasia Road (Sunrise Subd.) in the amount of \$32,700.00 as defined in Part 2 and Exhibit D of the Work Authorization.

BACKGROUND

Fiscal Impact

FISCAL YEAR: 2011

ACCT. #: 1342-431-00-121-041-0-731

FUNDS AVAILABLE Y/N?:

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Attachments

Link: [Commissioner's Letter Of Request](#)

Link: [Work Authorization #1](#)

Link: [Work Authorization #2](#)

Link: [Work Authorization #3](#)

Form Routing/Status

Route Seq	Inbox	Approved By	Date	Status
	(Originator)	Vangie Garcia	05/06/2011 09:58 AM	CREATED
1	Purchasing Department	Marty Salazar	05/06/2011 01:51 PM	APRV
2	Budget & Management	Erika Zamora	05/06/2011 02:23 PM	APRV
3	Ivan Cantu			NEW
4	Auditor's Office			

Form Started By: Vangie Garcia

Started On: 05/06/2011 09:58 AM
