

**Guzman & Muñoz Engineering & Surveying, Inc.**

2020 E. Expressway 83  
 Mercedes, Texas 78570  
 956-565-4637  
 Fax 956-565-4636

**INVOICE**

**INVOICE #4766**  
**DATE: 3/6/2012**

**BILL TO:**

Hidalgo County Pct 1  
 1902 Joe Stephens Ave.  
 Weslaco, Texas 78596

**FOR:**

**Hidalgo County Pct. 1 Constables Office**  
**On & Off Civil Engineering Design**  
**Contract No. C-11-202-08-09**  
**Work Order #1-Purchase Order #204623**  
**\$66,960.00**

DESCRIPTION	CONTRACT AMOUNT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPLETE	BALANCE TO FINISH
Phase 1 – Topography Surveying & Drainage Analysis and Report	\$16,740.00	\$16,740.00	\$0	\$16,740.00	100%	\$0
Phase 2 - Engineering Design Services	\$33,480.00	\$0	\$33,480.00	\$33,480.00	100%	\$0
Phase 3 – Services during Bidding and Construction	\$16,740.00	\$0	\$0	\$0	0%	\$16,740.00
<b>Totals</b>	\$66,960.00	\$16,740.00	\$33,480.00	\$50,220.00	75%	\$16,740.00

*Joseph W. Guzman*  
 Project Manager's Signature

**ORIGINAL**

**ORIGINAL CONTRACT SUM \$66,960.00**  
 CHANGE BY CHANGE ORDER \$0.00  
 CONTRACT SUM TO DATE \$66,960.00  
 TOTAL COMPLETE TO DATE \$50,220.00  
 LESS PREVIOUS INVOICES \$16,740.00  
**CURRENT PAYMENT DUE \$33,480.00**

~~*Jul G*~~  
*left 03/08/12*

~~*Robert Salinas*~~

*RENE SALINAS CMA*

*Valde Guzman*  
 4/11/12

*2-1336-421-00-220-042-0-720*  
*33,480.00*  
*PO# 665966*

**GOOD SERVICES RECEIVED BY:**  
*Alma* ON *3/13/12*

# Guzman & Muñoz Engineering & Surveying Inc.

Invoice # 4766

GMES Project No. P740

Date: 3/6/2012

## Constables Office On-Site & Off-Site

GMES TASK	DESCRIPTION OF WORK TASK	TYPE OF SERVICE	TOTAL COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
<b>1. PRELIMINARY ENGINEERING PLANS &amp; SPECIFICATIONS APPROVED BY LOCALITY PHASE:</b>							
1.1	Project Management and Coordination	BASIC	\$2,480.00	100%	\$2,480.00	\$2,480.00	\$0.00
1.2	Survey	BASIC	\$4,240.00	100%	\$4,240.00	\$4,240.00	\$0.00
1.3	Establish Baseline Conditions	BASIC	\$1,880.00	100%	\$1,880.00	\$1,880.00	\$0.00
1.4	Identify Potential Options	BASIC	\$1,500.00	100%	\$1,500.00	\$1,500.00	\$0.00
1.5	Develop Projected Construction Costs	BASIC	\$1,160.00	100%	\$1,160.00	\$1,160.00	\$0.00
1.6	Evaluate Options and Prepare Drainage Engineering Report	BASIC	\$2,320.00	100%	\$2,320.00	\$2,320.00	\$0.00
1.7	Address Comments and Prepare Final Drainage Engineering Report	BASIC	\$3,160.00	100%	\$3,160.00	\$3,160.00	\$0.00
SUB-TOTAL PHASE 1			\$16,740.00	100%	\$16,740.00	\$16,740.00	\$0.00
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>							
2.1	Project Management and Coordination	BASIC	\$4,200.00	100%	\$4,200.00	\$0.00	\$4,200.00
2.2	Survey	BASIC	\$7,060.00	100%	\$7,060.00	\$0.00	\$7,060.00
2.3	Development of Design Plans	BASIC	\$7,730.00	100%	\$7,730.00	\$0.00	\$7,730.00
2.4	Development of Specifications	BASIC	\$4,610.00	100%	\$4,610.00	\$0.00	\$4,610.00
2.5	Develop of Projected Construction Costs	BASIC	\$4,630.00	100%	\$4,630.00	\$0.00	\$4,630.00
2.6	Preparation of Bidding Documents	BASIC	\$5,250.00	100%	\$5,250.00	\$0.00	\$5,250.00
SUB-TOTAL PHASE 2			\$33,480.00	100%	\$33,480.00	\$0.00	\$33,480.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>							
3.1	Project Management and Coordination	BASIC	\$3,390.00	0%	\$0.00	\$0.00	\$0.00
3.2	Assistance During Bidding	BASIC	\$2,270.00	0%	\$0.00	\$0.00	\$0.00
3.3	Office Services During Construction	BASIC	\$2,100.00	0%	\$0.00	\$0.00	\$0.00
3.4	Field Services During Construction	BASIC	\$5,340.00	0%	\$0.00	\$0.00	\$0.00
3.5	Preparation of Record Drawings	BASIC	\$3,640.00	0%	\$0.00	\$0.00	\$0.00
SUB-TOTAL PHASE 3			\$16,740.00	0%	\$0.00	\$0.00	\$0.00
<b>TOTAL ENGINEERING SERVICES LABOR COST</b>			<b>\$66,960.00</b>	<b>75.00%</b>	<b>\$50,220.00</b>	<b>\$16,740.00</b>	<b>\$33,480.00</b>
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$33,480.00</b>	

**EXHIBIT D  
AMENDED**

ENGINEERING & SURVEYING FEE ESTIMATE  
BASIC SERVICES

**Hidalgo County Precinct 1 New Constables Office On and Off - Site Civil Engineering**

GMES TASK	DESCRIPTION OF WORK TASK	PRINCIPAL HOURS	PROJECT ENGINEER HOURS	PROJECT MANAGER HOURS	DIT HOURS	TECH / CADD HOURS	CLERICAL HOURS	SURVEYOR HOURS	3 PERSON SURVEY CREW	INSPECTOR HOURS	TOTAL HOURS	TOTAL COST PER TASK
<b>1 - Topography Surveying &amp; Drainage Analysis and Report</b>												
1.1	Project Management and Coordination	4	4	3	2	2		4			19	\$2,480.00
1.2	Survey		1	2				6	24		33	\$4,240.00
1.3	Establish Baseline Conditions		2	2	4	8		2			18	\$1,880.00
1.4	Identify Potential Options			2	5	8					15	\$1,500.00
1.5	Develop Projected Construction Costs		1	2	4	4					11	\$1,160.00
1.6	Evaluate Options and Prepare Drainage Engineering Report	1	2	4	8	2	8				25	\$2,320.00
1.7	Address Comments and Prepare Final Drainage Engineering Report			4	8	16	8				36	\$3,160.00
	TOTAL PRELIMINARY PHASE	5	10	19	31	40	16	12	24	0	157	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	<b>SUB-TOTAL 1</b>	<b>\$900.00</b>	<b>\$1,200.00</b>	<b>\$2,660.00</b>	<b>\$3,100.00</b>	<b>\$3,600.00</b>	<b>\$720.00</b>	<b>\$1,440.00</b>	<b>\$3,120.00</b>	<b>\$0.00</b>		<b>\$16,740.00</b>
<b>2 - Engineering Design Services</b>												
2.1	Project Management and Coordination	4	4	8	5	8	4	4			37	\$4,200.00
2.2	Survey	2		2		12	2	8	33		59	\$7,060.00
2.3	Development of Design Plans	2	8	16	12	24	10	3			75	\$7,730.00
2.4	Development of Specifications	2	2	8	10	15	12				49	\$4,610.00
2.5	Develop of Projected Construction Costs	2	4	8	12	12	6	1			45	\$4,630.00
2.6	Preparation of Bidding Documents	2	8	8	8	16	10	1			53	\$5,250.00
	TOTAL DESIGN PHASE	14	26	50	47	87	44	17	33	0	318	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	<b>SUB-TOTAL 2</b>	<b>\$2,520.00</b>	<b>\$3,120.00</b>	<b>\$7,000.00</b>	<b>\$4,700.00</b>	<b>\$7,830.00</b>	<b>\$1,980.00</b>	<b>\$2,040.00</b>	<b>\$4,290.00</b>	<b>\$0.00</b>		<b>\$33,480.00</b>
<b>3 - Services during Bidding and Construction</b>												
3.1	Project Management and Coordination	4	4	4	2	8	2	4		2	30	\$3,390.00
3.2	Assistance During Bidding	1	1	4	6	8	2				22	\$2,270.00
3.3	Office Services During Construction	1	1	4	4	6	4	1			21	\$2,100.00
3.4	Field Services During Construction	1	1	4	2	6	2	2	9	32	59	\$5,340.00
3.5	Preparation of Record Drawings	1	1	2	2	4	4	2	16		32	\$3,640.00
	TOTAL CONSTRUCTION PHASE	8	8	18	16	32	14	9	25	34	164	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	<b>SUB-TOTAL 3</b>	<b>\$1,440.00</b>	<b>\$960.00</b>	<b>\$2,520.00</b>	<b>\$1,600.00</b>	<b>\$2,880.00</b>	<b>\$630.00</b>	<b>\$1,080.00</b>	<b>\$3,250.00</b>	<b>\$2,380.00</b>		<b>\$16,740.00</b>
	<b>TOTAL ENGINEERING BASIC SERVICES LABOR COST</b>	<b>\$4,860.00</b>	<b>\$5,280.00</b>	<b>\$12,180.00</b>	<b>\$9,400.00</b>	<b>\$14,310.00</b>	<b>\$3,330.00</b>	<b>\$4,560.00</b>	<b>\$10,660.00</b>	<b>\$2,380.00</b>		<b>\$66,960.00</b>
	<b>TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS</b>	<b>\$66,960.00</b>										
	<b>TOTAL COST</b>	<b>\$66,960.00</b>										