



# Guzman & Muñoz Engineering & Surveying Inc.

Invoice # 4802

GMEs Project No. P740

Date: 5/17/2012

## 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	\$4,200.00	\$0.00
2.2	Survey	BASIC	\$7,060.00	100%	\$7,060.00	\$7,060.00	\$0.00
2.3	Development of Design Plans	BASIC	\$7,730.00	100%	\$7,730.00	\$7,730.00	\$0.00
2.4	Development of Specifications	BASIC	\$4,610.00	100%	\$4,610.00	\$4,610.00	\$0.00
2.5	Develop of Projected Construction Costs	BASIC	\$4,630.00	100%	\$4,630.00	\$4,630.00	\$0.00
2.6	Preparation of Bidding Documents	BASIC	\$5,250.00	100%	\$5,250.00	\$5,250.00	\$0.00
SUB-TOTAL PHASE 2			\$33,480.00	100%	\$33,480.00	\$33,480.00	\$0.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>							
3.1	Project Management and Coordination	BASIC	\$3,390.00	100%	\$3,390.00	\$0.00	\$3,390.00
3.2	Assistance During Bidding	BASIC	\$2,270.00	35%	\$795.00	\$0.00	\$795.00
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	25%	\$4,185.00	\$0.00	\$4,185.00
TOTAL ENGINEERING SERVICES LABOR COST			\$66,960.00	81.25%	\$54,405.00	\$50,220.00	\$4,185.00
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$4,185.00</b>	



**EXHIBIT D**

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	EIT 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		
	SUB-TOTAL 1	\$900.00	\$1,200.00	\$2,660.00	\$3,100.00	\$3,600.00	\$720.00	\$1,440.00	\$3,120.00	\$0.00		\$16,740.00
<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			54	\$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		
	SUB-TOTAL 2	\$2,520.00	\$3,120.00	\$7,000.00	\$4,700.00	\$7,830.00	\$1,980.00	\$2,040.00	\$4,290.00	\$0.00		\$33,480.00
<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	0	0	2	2	3	1				8	\$795.00
3.3	Office Services During Construction	0	0	0	0	0	0	0			0	\$0.00
3.4	Field Services During Construction	0	0	0	0	0	0	0	0	0	0	\$0.00
3.5	Preparation of Record Drawings	0	0	0	0	0	0	0	0		0	\$0.00
	TOTAL CONSTRUCTION PHASE	4	4	6	4	11	3	4	0	2	38	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL 3	\$720.00	\$480.00	\$840.00	\$400.00	\$990.00	\$135.00	\$480.00	\$0.00	\$140.00		\$4,185.00
	TOTAL ENGINEERING BASIC SERVICES LABOR COST	\$4,140.00	\$4,800.00	\$10,500.00	\$8,200.00	\$12,420.00	\$2,835.00	\$3,960.00	\$7,410.00	\$140.00		\$54,405.00
	TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS	\$54,405.00										
	TOTAL COST	\$54,405.00										

