

Guzman & Muñoz Engineering & Surveying, Inc.

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

INVOICE

INVOICE #4731
 DATE: 11/17/2011

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

PO # 665966

DESCRIPTION	CONTRACT AMOUNT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPLETE	BALANCE TO FINISH
Phase 1 – Topography Surveying & Drainage Analysis and Report	\$16,740.00	\$0	\$16,740.00	\$16,740.00	100%	\$0
Phase 2 - Engineering Design Services	\$33,480.00	\$0	\$0	\$0	0%	\$33,480.00
Phase 3 – Services during Bidding and Construction	\$16,740.00	\$0	\$0	\$0	0%	\$16,740.00
Totals	\$66,960.00	\$0	\$16,740.00	\$16,740.00	25%	\$50,220.00

[Signature]
 Project Manager's Signature

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

1-1336-421-00-220-042-0-720
 16,740.00

[Signature]
 30 NOV 2011

Pct I Constables Office
 Alma 11/28/11

ENGINEERING & SURVEYING FEE ESTIMATE

BASIC SERVICES

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
Phase 1 - Topography Surveying & Drainage Analysis and Report							
1.1	Project Management and Coordination	BASIC	\$2,480.00	100%	\$2,480.00	\$0.00	\$2,480.00
1.2	Survey	BASIC	\$4,240.00	100%	\$4,240.00	\$0.00	\$4,240.00
1.3	Establish Baseline Conditions	BASIC	\$1,880.00	100%	\$1,880.00	\$0.00	\$1,880.00
1.4	Identify Potential Options	BASIC	\$1,500.00	100%	\$1,500.00	\$0.00	\$1,500.00
1.5	Develop Projected Construction Costs	BASIC	\$1,160.00	100%	\$1,160.00	\$0.00	\$1,160.00
1.6	Evaluate Options and Prepare Drainage Engineering Report	BASIC	\$2,320.00	100%	\$2,320.00	\$0.00	\$2,320.00
1.7	Address Comments and Prepare Final Drainage Engineering Report	BASIC	\$3,160.00	100%	\$3,160.00	\$0.00	\$3,160.00
	SUB-TOTAL PHASE 1		\$16,740.00	100%	\$16,740.00	\$0.00	\$16,740.00
Phase 2 - Engineering Design Services							
2.1	Project Management and Coordination	BASIC	\$4,200.00	0%	\$0.00	\$0.00	\$0.00
2.2	Survey	BASIC	\$7,060.00	0%	\$0.00	\$0.00	\$0.00
2.3	Development of Design Plans	BASIC	\$7,730.00	0%	\$0.00	\$0.00	\$0.00
2.4	Development of Specifications	BASIC	\$4,610.00	0%	\$0.00	\$0.00	\$0.00
2.5	Develop of Projected Construction Costs	BASIC	\$4,630.00	0%	\$0.00	\$0.00	\$0.00
2.6	Preparation of Bidding Documents	BASIC	\$5,250.00	0%	\$0.00	\$0.00	\$0.00
	SUB-TOTAL PHASE 2		\$33,480.00	0%	\$0.00	\$0.00	\$0.00
Phase 3 - Services during Bidding and Construction							
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
	TOTAL ENGINEERING SERVICES LABOR COST		\$66,960.00	25.00%	\$16,740.00	\$0.00	\$16,740.00
AMOUNT DUE THIS INVOICE:						\$16,740.00	

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
1 – Topography Surveying & Drainage Analysis and Report												
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
2 - Engineering Design Services												
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		
	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
3 – Services during Bidding and Construction												
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		
	SUB-TOTAL 3	\$1,440.00	\$960.00	\$2,520.00	\$1,600.00	\$2,880.00	\$630.00	\$1,080.00	\$3,250.00	\$2,380.00		\$16,740.00
	TOTAL ENGINEERING BASIC SERVICES LABOR COST	\$4,860.00	\$5,280.00	\$12,180.00	\$9,400.00	\$14,310.00	\$3,330.00	\$4,560.00	\$10,660.00	\$2,380.00		\$66,960.00
	TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS	\$66,960.00										
	TOTAL COST	\$66,960.00										

