

Guzman & Muñoz Engineering & Surveying, Inc.  
 2020 E. Expressway 83  
 Mercedes, Texas 78570  
 956-565-4637  
 Fax 956-565-4636

# INVOICE

**INVOICE #4845**  
 DATE: 7/10/2012

**BILL TO:**  
 Hidalgo County Pct 1  
 1902 Joe Stephens Ave.  
 Weslaco, Texas 78596

**FOR: P751**  
**Hidalgo County Pct. 1 Paving & Drainage Improvement to Mile 17 North Road, From FM88 (Mile 5 West) west, 2,720 Feet and From FM 1015 (Mile 3 West) east, 400 feet**  
**Work Order #4- Contract No. C-11-111-04-19; Purchase Order # 664443**  
**\$77,837**

DESCRIPTION	CONTRACT AMOUNT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPLETE	BALANCE TO FINISH
Preliminary Eng. Plans & Specs Approved by Locality	\$13,709.25	\$13,709.25	\$0	\$13,709.25	100%	\$0
Plans & Specs Approved by Regulatory Agencies	\$27,418.50	\$27,418.50	\$0	\$27,418.50	100%	\$0
Completion of Bid advertisement, contract award and notice to proceed	\$8,225.55	\$8,225.55	\$0	\$8,225.55	100%	\$0
Submittal of as built plans to locality	\$5,483.70	\$0	\$0	\$0	0%	\$5,483.70
<b>Special Services= TxDOT Intersection Traffic Study</b>	\$23,000.00	\$0	<b>\$11,500.00</b>	<b>\$11,500.00</b>	<b>50%</b>	<b>\$11,500.00</b>
<b>Totals</b>	<b>\$77,837.00</b>	<b>\$49,353.30</b>	<b>\$11,500.00</b>	<b>\$60,853.30</b>	<b>78.18%</b>	<b>\$16,983.70</b>

  
 Project Manager's Signature



ORIGINAL CONTRACT SUM	\$77,837.00
CHANGE BY CHANGE ORDER	\$0.00
CONTRACT SUM TO DATE	\$77,837.00
TOTAL COMPLETE TO DATE	\$60,853.30
LESS PREVIOUS INVOICES	\$49,353.30
<b>CURRENT PAYMENT DUE</b>	<b>\$11,500.00</b>

2-1342-431-00-121-085-0-731  
 PO 664443

INVOICE RECEIVED BY \_\_\_\_\_  
 ON \_\_\_\_\_  
 GOODS/SERVICES RECEIVED BY: \_\_\_\_\_  
 ON \_\_\_\_\_

Date: 07/09/2012

**WORK AUTHORIZATION No. 004 - Mile 17 North Road from, FM 3071 (Mile 4 West), west 2,720 Feet and From FM 1015 (Mile 3 West), east 400 Feet**

CMES 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	PRELIMINARY PROJECT KICK-OFF MEETING	BASIC	\$1,165.00	100%	\$1,165.00	\$1,165.00	\$0.00
1.2	OBTAIN EXISTING PLANS AND REPORTS	BASIC	\$705.00	100%	\$705.00	\$705.00	\$0.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR ENGINEERING DESIGN	BASIC	\$4,380.00	100%	\$4,380.00	\$4,380.00	\$0.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	BASIC	\$3,685.00	100%	\$3,685.00	\$3,685.00	\$0.00
1.5	PREPARE COST ESTIMATES	BASIC	\$970.00	100%	\$970.00	\$970.00	\$0.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	BASIC	\$640.00	100%	\$640.00	\$640.00	\$0.00
1.7	1.7 ADDRESS REVIEW COMMENTS FROM OWNER	BASIC	\$2,164.25	100%	\$2,164.25	\$2,164.25	\$0.00
SUB-TOTAL PHASE 1			\$13,709.25	100%	\$13,709.25	\$13,709.25	\$0.00
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>							
2.1	PREPARE FINAL PLANS	BASIC	\$8,320.00	100%	\$8,320.00	\$8,320.00	\$0.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL	BASIC	\$1,255.00	100%	\$1,255.00	\$1,255.00	\$0.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS	BASIC	\$5,800.00	100%	\$5,800.00	\$5,800.00	\$0.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW	BASIC	\$2,280.00	100%	\$2,280.00	\$2,280.00	\$0.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES	BASIC	\$3,280.00	100%	\$3,280.00	\$3,280.00	\$0.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER	BASIC	\$1,713.50	100%	\$1,713.50	\$1,713.50	\$0.00
2.7	PREPARE FINAL COST ESTIMATE	BASIC	\$3,040.00	100%	\$3,040.00	\$3,040.00	\$0.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVAL AND PREPARE PERMITS FOR CONSTRUCTION	BASIC	\$1,730.00	100%	\$1,730.00	\$1,730.00	\$0.00
SUB-TOTAL PHASE 2			\$27,418.50	100%	\$27,418.50	\$27,418.50	\$0.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>							
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	BASIC	\$765.00	100%	\$765.00	\$765.00	\$0.00
3.2	CONDUCT PERIODIC INSPECTIONS	BASIC	\$4,420.00	100%	\$4,420.00	\$4,420.00	\$0.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS	BASIC	\$1,055.00	100%	\$1,055.00	\$1,055.00	\$0.00
3.4	REVIEW SHOP DRAWINGS	BASIC	\$985.55	100%	\$985.55	\$985.55	\$0.00
3.5	CONDUCT FINAL INSPECTION	BASIC	\$540.00	100%	\$540.00	\$540.00	\$0.00
3.6	PREPARE PUNCH LIST	BASIC	\$140.00	100%	\$140.00	\$140.00	\$0.00
3.7	PREPARE AS-BUILT PLANS	BASIC	\$320.00	100%	\$320.00	\$320.00	\$0.00
SUB-TOTAL PHASE 3			\$8,225.55	100%	\$8,225.55	\$8,225.55	\$0.00
<b>4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:</b>							
4.1	SURVEY FOR AS BUILT PLANS	BASIC	\$1,820.00	0%	\$0.00	\$0.00	\$0.00
4.2	DRAFTING OF AS BUILT PLANS	BASIC	\$860.00	0%	\$0.00	\$0.00	\$0.00
4.3	REVIEW AS BUILT PLANS	BASIC	\$725.00	0%	\$0.00	\$0.00	\$0.00
4.4	SUBMIT AS BUILT PLANS TO OWNER	BASIC	\$750.00	0%	\$0.00	\$0.00	\$0.00
4.5	CLOSE OUT DOCUMENTS TO OWNER	BASIC	\$1,328.70	0%	\$0.00	\$0.00	\$0.00
SUB-TOTAL PHASE 4			\$5,483.70	0%	\$0.00	\$0.00	\$0.00
<b>5. Special Service- TxDOT Intersection Traffic Study</b>							
5.1	Traffic Study	BASIC	\$23,000.00	50%	\$11,500.00	\$0.00	\$11,500.00
SUB-TOTAL PHASE 5			\$23,000.00	50%	\$11,500.00	\$0.00	\$11,500.00
<b>TOTAL ENGINEERING SERVICES LABOR COST</b>			<b>\$77,837.00</b>	<b>78.18%</b>	<b>\$60,853.30</b>	<b>\$49,353.30</b>	<b>\$11,500.00</b>
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$11,500.00</b>	

**EXHIBIT D**  
**MANHOOR FEES BY TASKS**

ENGINEERING & SURVEYING FEE ESTIMATE  
BASIC SERVICES

**WORK AUTHORIZATION No. 004 - Mile 17 North Road from, FM 3071 (Mile 4 West), west 2,720 Feet and From FM 1015 (Mile 3 West), east 400 Feet**

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. PRELIMINARY ENGINEERING PLANS &amp; SPECIFICATIONS APPROVED BY LOCALITY PHASE:</b>												
1.1	PRELIMINARY PROJECT KICK-OFF MEETING	1	2	2		2	1	2			10	\$1,165.00
1.2	OBTAIN EXISTING PLANS AND REPORTS			1	1	2	1	2			7	\$705.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR ENGINEERING DESIGN, SCOPE FOR GEOTECHNICAL			4	2	6		4	20		36	\$4,380.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS		1	4	8	24	1				38	\$3,685.00
1.5	PREPARE COST ESTIMATES			1	2	6	2				11	\$970.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW			1	2	1	2	1			7	\$640.00
1.7	ADDRESS REVIEW COMMENTS FROM OWNER	1	2	4	4	8	1,4278				20.4278	\$2,164.25
	TOTAL PRELIMINARY PHASE	2	5	17	19	49	8.4278	9	20	0	129.4278	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 1	\$360.00	\$600.00	\$2,380.00	\$1,900.00	\$4,410.00	\$379.25	\$1,080.00	\$2,600.00	\$0.00		\$13,709.25
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>												
2.1	PREPARE FINAL PLANS	2	8	12	16	32	8	4			82	\$8,320.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL	1	1	1	2	4	3	1			13	\$1,255.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS		2	8	16	24	12			2	64	\$5,800.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW	1	2	4	4	8	4				23	\$2,280.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES		1	4	8	16	8				37	\$3,280.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER			2	6	8	2,5222				18.5222	\$1,713.50
2.7	PREPARE FINAL COST ESTIMATE	1	2	4	8	12	4				31	\$3,040.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVAL AND PREPARE PERMITS FOR CONSTRUCTION		2	2	4	8	2				18	\$1,730.00
	TOTAL DESIGN PHASE	5	18	37	64	112	43.5222	5	0	2	286.5222	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$900.00	\$2,160.00	\$5,180.00	\$6,400.00	\$10,080.00	\$1,958.50	\$600.00	\$0.00	\$140.00		\$27,418.50
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>												
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE		1	2	2		1	1			7	\$765.00
3.2	CONDUCT PERIODIC INSPECTIONS	1	1	8	2					40	52	\$4,420.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS			2	2	3	1	1		2	11	\$1,055.00
3.4	REVIEW SHOP DRAWINGS		1	2	2	2	1,4566			2	10.4566	\$985.55
3.5	CONDUCT FINAL INSPECTION		1	2						2	5	\$540.00
3.6	PREPARE PUNCH LIST			1							1	\$140.00
3.7	PREPARE AS-BUILT PLANS			1		2					3	\$320.00
	TOTAL CONSTRUCTION PHASE	1	4	18	8	7	3.4566	2	0	46	89.4566	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 3	\$180.00	\$480.00	\$2,520.00	\$800.00	\$630.00	\$155.55	\$240.00	\$0.00	\$3,220.00		\$8,225.55

4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:												
4.1	SURVEY FOR AS BUILT PLANS			1				1	12		14	\$1,820.00
4.2	DRAFTING OF AS BUILT PLANS			1		8					9	\$860.00
4.3	REVIEW AS BUILT PLANS	1	1	1	1		1			2	7	\$725.00
4.4	SUBMIT AS BUILT PLANS TO OWNER		1	1	1	2	2	1			8	\$750.00
4.5	CLOSE OUT DOCUMENTS TO OWNER		1	2	2	4	1.9711			4	14.9711	\$1,328.70
	TOTAL DESIGN PHASE	1	3	6	4	14	4.9711	2	12	6	52.9711	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$180.00	\$360.00	\$840.00	\$400.00	\$1,260.00	\$223.70	\$240.00	\$1,560.00	\$420.00		\$5,483.70
	TOTAL ENGINEERING BASIC SERVICES LABOR COST	\$1,620.00	\$3,600.00	\$10,920.00	\$9,500.00	\$16,380.00	\$2,717.00	\$2,160.00	\$4,160.00	\$3,780.00		\$54,837.00
	TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS		\$54,837.00									
	SPECIAL SERVICE - TxDOT INTERSECTION TRAFFIC STUDY	Lump Sum	\$23,000.00									
	TOTAL COST		\$77,837.00									