

copy

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


# INVOICE

**INVOICE #4736**  
**DATE: 12/1/2011**

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

**FOR:**  
**Work Authorization No. 001- Mile 17 North Road from, FM 3071, east, to FM 1015**  
**Contract No. C-11-111-04-19**  
**Work Order # 1- Purchase Order #657601**  
**\$122,461.28**

DESCRIPTION	CONTRACT AMOUNT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPLETE	BALANCE TO FINISH
Preliminary Eng. Plans & Specs Approved by locality	\$35,128.76	\$15,975.00	\$0	\$35,128.76	100%	\$0
Plan & Specs Approved by Regulatory Agencies	\$62,257.52	\$23,950.00	\$0	\$62,257.52	100%	\$0
Prepare Drainage Design	\$8,000.00	\$8,000.00	\$0	\$8,000.00	100%	\$0
Completion of Bid advertisement, contract award and notice to proceed	\$21,077.26	\$0	\$21,077.26	\$21,077.26	100%	\$0
Submittal of as built plans to locality	\$14,051.50	\$0	\$0	\$0	0%	\$14,051.50
Special Services- R.O.W. Acquisition/ Easements- Survey Plat & M&B Description	\$65,000.00	\$0	\$0	\$65,000.00	100%	\$0
<b>Totals</b>	<b>\$205,515.04</b>	<b>\$47,925.00</b>	<b>\$21,077.26</b>	<b>\$191,463.54</b>	<b>93.16%</b>	<b>\$14,051.50</b>

 **P.E.**  
Project Manager's Signature

ORIGINAL CONTRACT SUM	\$63,900.00
CHANGE BY SUPPLEMENT #1	\$141,615.04
CONTRACT SUM TO DATE	\$205,515.04
TOTAL COMPLETE TO DATE	\$191,463.54
LESS PREVIOUS INVOICES	\$47,925.00
<b>CURRENT PAYMENT DUE</b>	<b>\$21,077.26</b>

1-1342-431-00-121-085-0-731

INVOICE RECEIVED BY Nash-teg on 12-4-11  
GOODS/SERVICES RECEIVED BY \_\_\_\_\_ on \_\_\_\_\_



ENGINEERING & SURVEYING FEES

Date: 12/01/2011

**WORK AUTHORIZATION No. 001 - Mile 17 North Road from, FM 3071, east to, FM 1015**

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	PRELIMINARY PROJECT KICK-OFF MEETING	BASIC	\$2,520.00	100%	\$2,520.00	\$2,520.00	\$0.00
1.2	OBTAIN EXISTING PLANS AND REPORTS	BASIC	\$3,900.00	100%	\$3,900.00	\$3,900.00	\$0.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR ENGINEERING DESIGN	BASIC	\$11,280.00	100%	\$11,280.00	\$11,280.00	\$0.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	BASIC	\$7,493.76	100%	\$7,493.76	\$7,493.76	\$0.00
1.5	PREPARE COST ESTIMATES	BASIC	\$3,175.00	100%	\$3,175.00	\$3,175.00	\$0.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	BASIC	\$3,980.00	100%	\$3,980.00	\$3,980.00	\$0.00
1.7	1.7 ADDRESS REVIEW COMMENTS FROM OWNER	BASIC	\$2,780.00	100%	\$2,780.00	\$2,780.00	\$0.00
SUB-TOTAL PHASE 1			\$35,128.76	100%	\$35,128.76	\$35,128.76	\$0.00
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>							
2.1	PREPARE FINAL PLANS	BASIC	\$23,360.00	100%	\$23,360.00	\$23,360.00	\$0.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL	BASIC	\$7,500.00	100%	\$7,500.00	\$7,500.00	\$0.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS	BASIC	\$12,680.00	100%	\$12,680.00	\$12,680.00	\$0.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW	BASIC	\$3,500.00	100%	\$3,500.00	\$3,500.00	\$0.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES	BASIC	\$8,340.00	100.000%	\$8,340.00	\$8,340.00	\$0.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER	BASIC	\$6,400.00	100%	\$6,400.00	\$6,400.00	\$0.00
2.7	PREPARE FINAL COST ESTIMATE	BASIC	\$3,757.52	100%	\$3,757.52	\$3,757.52	\$0.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVAL AND PREPARE PERMITS FOR CONSTRUCTION	BASIC	\$4,720.00	100%	\$4,720.00	\$4,720.00	\$0.00
SUB-TOTAL PHASE 2			\$70,257.52	100%	\$70,257.52	\$70,257.52	\$0.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>							
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	BASIC	\$4,097.26	100%	\$4,097.26	\$0.00	\$4,097.26
3.2	CONDUCT PERIODIC INSPECTIONS	BASIC	\$9,400.00	100%	\$9,400.00	\$0.00	\$9,400.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS	BASIC	\$3,100.00	100%	\$3,100.00	\$0.00	\$3,100.00
3.4	REVIEW SHOP DRAWINGS	BASIC	\$1,000.00	100%	\$1,000.00	\$0.00	\$1,000.00
3.5	CONDUCT FINAL INSPECTION	BASIC	\$840.00	100%	\$840.00	\$0.00	\$840.00
3.6	PREPARE PUNCH LIST	BASIC	\$920.00	100%	\$920.00	\$0.00	\$920.00
3.7	PREPARE AS-BUILT PLANS	BASIC	\$1,720.00	100%	\$1,720.00	\$0.00	\$1,720.00
SUB-TOTAL PHASE 3			\$21,077.26	100%	\$21,077.26	\$0.00	\$21,077.26
<b>4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:</b>							
4.1	SURVEY FOR AS BUILT PLANS	BASIC	\$6,700.00	0%	\$0.00	\$0.00	\$0.00
4.2	DRAFTING OF AS BUILT PLANS	BASIC	\$2,020.00	0%	\$0.00	\$0.00	\$0.00
4.3	REVIEW AS BUILT PLANS	BASIC	\$2,690.00	0%	\$0.00	\$0.00	\$0.00
4.4	SUBMIT AS BUILT PLANS TO OWNER	BASIC	\$621.50	0%	\$0.00	\$0.00	\$0.00
4.5	CLOSE OUT DOCUMENTS TO OWNER	BASIC	\$2,020.00	0%	\$0.00	\$0.00	\$0.00
SUB-TOTAL PHASE 4			\$14,051.50	150%	\$21,077.26	\$0.00	\$0.00
<b>TOTAL ENGINEERING SERVICES LABOR COST</b>			<b>\$140,515.04</b>	<b>105.00%</b>	<b>\$147,540.80</b>	<b>\$105,386.28</b>	<b>\$21,077.26</b>
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$21,077.26</b>	

**EXHIBIT D  
TASKS FEES BY MANHOURS & RATES**

ENGINEERING & SURVEYING FEE ESTIMATE  
BASIC SERVICES

**WORK AUTHORIZATION No. 001 AMENDED - Mile 17 North Road from, FM 3071, east to, FM 1015**

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	4	4	8	2						18	\$2,520.00
1.2	OBTAIN EXISTING PLANS AND REPORTS	2		8	8	16	4				38	\$3,900.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR ENGINEERING DESIGN, SCOPE FOR GEOTECHNICAL	4	4		8			8	64		88	\$11,280.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	4	4	8	8	48	1.19462				73.19462	\$7,493.76
1.5	PREPARE COST ESTIMATES		4	8		16	3				31	\$3,175.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	2	4	8	4	16	4				38	\$3,980.00
1.7	1.7 ADDRESS REVIEW COMMENTS FROM OWNER			8	4	12	4				28	\$2,780.00
	TOTAL PRELIMINARY PHASE	16	20	48	34	108	16.19462	8	64	0	314.19462	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 1	\$2,880.00	\$2,400.00	\$6,720.00	\$3,400.00	\$9,720.00	\$728.76	\$960.00	\$8,320.00	\$0.00		\$35,128.76
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>												
2.1	PREPARE FINAL PLANS	8	16	32	40	96	32	12			236	\$23,360.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL	4	8	12	12	16	12	8			72	\$7,500.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS	6	12	16	24	48	16	4			126	\$12,680.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW	2	6	6	4	8	4			4	34	\$3,500.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES	2	6	8	20	40	12				88	\$8,340.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER	4	4	10	20	16	8				62	\$6,400.00
2.7	PREPARE FINAL COST ESTIMATE	2	4	8	8	8	6.1672				36.1672	\$3,757.52
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVEAL AND PREPARE PERMITS FOR CONSTRUCTION	2	4	2	18	14	12				52	\$4,720.00
	TOTAL DESIGN PHASE	30	60	94	146	246	102.1672	24	0	4	706.1672	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$5,400.00	\$7,200.00	\$13,160.00	\$14,600.00	\$22,140.00	\$4,597.52	\$2,880.00	\$0.00	\$280.00		\$70,257.52
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>												
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	2	4	6	6	16	2.1614			4	40.1614	\$4,097.26
3.2	CONDUCT PERIODIC INSPECTIONS	2	2	10	4					100	118	\$9,400.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS			8	3	16		2			29	\$3,100.00
3.4	REVIEW SHOP DRAWINGS			2		8					10	\$1,000.00
3.5	CONDUCT FINAL INSPECTION			4						4	8	\$840.00
3.6	PREPARE PUNCH LIST			2		4				4	10	\$920.00
3.7	PREPARE AS-BUILT PLANS					16				4	20	\$1,720.00
	TOTAL CONSTRUCTION PHASE	4	6	32	13	60	2.1614	2	0	116	235.1614	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 3	\$720.00	\$720.00	\$4,480.00	\$1,300.00	\$5,400.00	\$97.26	\$240.00	\$0.00	\$8,120.00		\$21,077.26

4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:												
4.1	SURVEY FOR AS BUILT PLANS			2				8	42		52	\$6,700.00
4.2	DRAFTING OF AS BUILT PLANS				4	18					22	\$2,020.00
4.3	REVIEW AS BUILT PLANS		2	6	8	4		2		3	25	\$2,690.00
4.4	SUBMIT AS BUILT PLANS TO OWNER			2			2.2555	2			6.2555	\$621.50
4.5	CLOSE OUT DOCUMENTS TO OWNER	2	4	2		8	4				20	\$2,020.00
	TOTAL DESIGN PHASE	2	6	12	12	30	6.2555	12	42	3	125.2555	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$360.00	\$720.00	\$1,680.00	\$1,200.00	\$2,700.00	\$281.50	\$1,440.00	\$5,460.00	\$210.00		\$14,051.50
	TOTAL ENGINEERING BASIC SERVICES LABOR COST	\$9,360.00	\$11,040.00	\$26,040.00	\$20,500.00	\$39,960.00	\$5,705.04	\$5,520.00	\$13,780.00	\$8,610.00		\$140,515.04
	TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS			\$140,515.04								
	SPECIAL SERVICE - R.O.W. ACQUISITION / EASEMENTS - SURVEY PLAT and M&B DESCRIPTION	\$2,500.00 / EA	26	\$65,000.00								
	TOTAL COST			\$205,515.04								

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


# INVOICE

**INVOICE #4737**  
 DATE: 12/1/2011

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

**FOR:**  
 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	\$0	\$8,225.55	\$8,225.55	100%	\$0
Submittal of as built plans to locality	\$5,483.70	\$0	\$0	\$0	0%	\$5,483.70
Special Services= TxDOT Intersection Traffic Study	\$23,000.00	\$0	\$0	\$0	0%	\$23,000.00
<b>Totals</b>	<b>\$77,837.00</b>	<b>\$41,127.75</b>	<b>\$8,225.55</b>	<b>\$49,353.30</b>	<b>63.41%</b>	<b>\$28,483.70</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	\$49,353.30
LESS PREVIOUS INVOICES	\$41,127.75
<b>CURRENT PAYMENT DUE</b>	<b>\$8,225.55</b>



ENGINEERING & SURVEYING FEES

Date: 12/01/2011

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

QMS 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	ADDRESS REVIEW COMMENTS FROM OWNER	BASIC	\$2,164.25	100%	\$2,164.25	\$2,164.25	\$0.00
<b>SUB-TOTAL PHASE 1</b>			\$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
<b>SUB-TOTAL PHASE 2</b>			\$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	\$0.00	\$765.00
3.2	CONDUCT PERIODIC INSPECTIONS	BASIC	\$4,420.00	100%	\$4,420.00	\$0.00	\$4,420.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS	BASIC	\$1,055.00	100%	\$1,055.00	\$0.00	\$1,055.00
3.4	REVIEW SHOP DRAWINGS	BASIC	\$985.55	100%	\$985.55	\$0.00	\$985.55
3.5	CONDUCT FINAL INSPECTION	BASIC	\$540.00	100%	\$540.00	\$0.00	\$540.00
3.6	PREPARE PUNCH LIST	BASIC	\$140.00	100%	\$140.00	\$0.00	\$140.00
3.7	PREPARE AS-BUILT PLANS	BASIC	\$320.00	100%	\$320.00	\$0.00	\$320.00
<b>SUB-TOTAL PHASE 3</b>			\$8,225.55	100%	\$8,225.55	\$0.00	\$8,225.55
<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
<b>SUB-TOTAL PHASE 4</b>			\$5,483.70	150%	\$8,225.55	\$0.00	\$0.00
<b>TOTAL ENGINEERING SERVICES LABOR COST</b>			\$54,837.00	105.00%	\$57,578.84	\$41,127.75	\$8,225.55
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$8,225.55</b>	

**EXHIBIT D  
MANHOUR 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, PREFORM TOPOGRAPHIC SURVEYING FOR EDENGINEERING 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 APPROVEAL 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 NOTKE 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									
5. SPECIAL SERVICE - TxDOT INTERSECTION TRAFFIC STUDY:												
5.1	SURVEY INTERSECTIONS FOR STUDY	1	8	4				10	30		53	\$6,800.00
5.2	RESEARCH / REVIEW / PROPERTY BOUNDARIES	2	8	4		12					26	\$2,960.00
5.3	PRIMINARY REPORT / RECOMMENDATIONS	3	8	4	3	8	8			0	34	\$3,440.00
5.4	TRAFFIC CONTROL DESIGN AS PER RECOMMENDATIONS	4	8	4	3	8	8	4			39	\$4,100.00
5.5	FINAL TRAFFIC STUDY AND PLANS	4	8	4	4	8	4	5	12	0	49	\$5,700.00
	TOTAL DESIGN PHASE	14	40	20	10	36	20	19	42	0	201	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$2,520.00	\$4,800.00	\$2,800.00	\$1,000.00	\$3,240.00	\$900.00	\$2,280.00	\$5,460.00	\$0.00		\$23,000.00
	SPECIAL SERVICE - TxDOT INTERSECTION TRAFFIC STUDY		\$23,000.00									
	TOTAL COST		\$77,837.00									

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

INVOICE

Invoice #4738

Date: 12/01/2011

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

For:  
 Work Authorization No. 006, Colonia Lucero Del Norte  
 Mile 11 North & Mile 2 West, Drainage Improvements  
 Contract No. C-11-111-04-19  
 Purchase Order # 664785  
**\$56,920.80**

DESCRIPTION	Contract Amount	Previous Applications	Current Completed	Total Completed	% Complete	Balance to Finish
Preliminary Eng. Plans & Specs Approved By locality	\$17,180.00	\$17,180.00	\$0.00	\$17,180.00	100%	\$0.00
Plans & Specs Approved By Regulatory Agencies - (Includes 2 easements @ \$2,500.00 Ea. = \$5,000.00)	\$25,820.00	\$0.00	\$25,820.00	\$25,820.00	100%	\$0.00
Completion of Bid advertisement, contract award and notice to proceed.	\$8,540.00	\$0.00	\$0.00	\$0.00	0%	\$8,540.00
Submittal of As Built plans to locality	\$5,380.80	\$0.00	\$0.00	\$0.00	0%	\$5,380.80
<b>Totals</b>	<b>\$56,920.80</b>	<b>\$17,180.00</b>	<b>\$25,820.00</b>	<b>\$43,000.00</b>	<b>75.54%</b>	<b>\$13,920.80</b>

  
 Project Manager's Signature

ORIGINAL CONTRACT SUM	\$56,920.80
CHANGE BY CHANGE ORDER	\$0.00
CONTRACT SUM TO DATE	\$56,920.80
TOTAL COMPLETE TO DATE	\$43,000.00
LESS PREVIOUS INVOICES	\$17,180.00
<b>CURRENT PAYMENT DUE</b>	<b>\$25,820.00</b>

1-1342-431-00-121-094-0-733  
 1-1342-431-00-121-094-0-711  
 PO 664785

INVOICE RECEIVED BY  
 Noel Montes on 12-4-11  
 GOODS/SERVICES RECEIVED BY:  
 [Signature] on 12/6/11

ENGINEERING & SURVEYING FEES

Invoice: #4738

**WORK AUTHORIZATION No. 003 - Mile 6 North & Anastasia Road**

GRES 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	\$800.00	100%	\$800.00	\$800.00	\$0.00
1.2	OBTAIN EXISTING PLANS AND REPORTS	BASIC	\$1,490.00	100%	\$1,490.00	\$1,490.00	\$0.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR ENGINEERING DESIGN	BASIC	\$5,800.00	100%	\$5,800.00	\$5,800.00	\$0.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	BASIC	\$4,080.00	100%	\$4,080.00	\$4,080.00	\$0.00
1.5	PREPARE COST ESTIMATES	BASIC	\$2,250.00	100%	\$2,250.00	\$2,250.00	\$0.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	BASIC	\$1,770.00	100%	\$1,770.00	\$1,770.00	\$0.00
1.7	1.7 ADDRESS REVIEW COMMENTS FROM OWNER	BASIC	\$990.00	100%	\$990.00	\$990.00	\$0.00
	<b>SUB-TOTAL PHASE 1</b>		<b>\$17,180.00</b>	<b>100%</b>	<b>\$17,180.00</b>	<b>\$17,180.00</b>	<b>\$0.00</b>
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>							
2.1	PREPARE FINAL PLANS	BASIC	\$6,820.00	100%	\$6,820.00	\$0.00	\$6,820.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL	BASIC	\$1,610.00	100%	\$1,610.00	\$0.00	\$1,610.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS	BASIC	\$6,060.00	100%	\$6,060.00	\$0.00	\$6,060.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW	BASIC	\$1,125.00	100%	\$1,125.00	\$0.00	\$1,125.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES	BASIC	\$3,180.00	100%	\$3,180.00	\$0.00	\$3,180.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER	BASIC	\$2,460.00	100%	\$2,460.00	\$0.00	\$2,460.00
2.7	PREPARE FINAL COST ESTIMATE	BASIC	\$1,835.00	100%	\$1,835.00	\$0.00	\$1,835.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVAL AND PREPARE PERMITS FOR CONSTRUCTION	BASIC	\$2,730.00	100%	\$2,730.00	\$0.00	\$2,730.00
	<b>SUB-TOTAL PHASE 2</b>		<b>\$25,820.00</b>	<b>100%</b>	<b>\$25,820.00</b>	<b>\$0.00</b>	<b>\$25,820.00</b>
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>							
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	BASIC	\$1,450.00	0%	\$0.00	\$0.00	\$0.00
3.2	CONDUCT PERIODIC INSPECTIONS	BASIC	\$5,300.00	0%	\$0.00	\$0.00	\$0.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS	BASIC	\$410.00	0%	\$0.00	\$0.00	\$0.00
3.4	REVIEW SHOP DRAWINGS	BASIC	\$320.00	0%	\$0.00	\$0.00	\$0.00
3.5	CONDUCT FINAL INSPECTION	BASIC	\$280.00	0%	\$0.00	\$0.00	\$0.00
3.6	PREPARE PUNCH LIST	BASIC	\$460.00	0%	\$0.00	\$0.00	\$0.00
3.7	PREPARE AS-BUILT PLANS	BASIC	\$320.00	0%	\$0.00	\$0.00	\$0.00
	<b>SUB-TOTAL PHASE 3</b>		<b>\$8,540.00</b>	<b>0%</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:</b>							
4.1	SURVEY FOR AS BUILT PLANS	BASIC	\$2,850.80	0%	\$0.00	\$0.00	\$0.00
4.2	DRAFTING OF AS BUILT PLANS	BASIC	\$1,080.00	0%	\$0.00	\$0.00	\$0.00
4.3	REVIEW AS BUILT PLANS	BASIC	\$400.00	0%	\$0.00	\$0.00	\$0.00
4.4	SUBMIT AS BUILT PLANS TO OWNER	BASIC	\$330.00	0%	\$0.00	\$0.00	\$0.00
4.5	CLOSE OUT DOCUMENTS TO OWNER	BASIC	\$720.00	0%	\$0.00	\$0.00	\$0.00
	<b>SUB-TOTAL PHASE 4</b>		<b>\$5,380.80</b>	<b>0%</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
	<b>TOTAL ENGINEERING SERVICES LABOR COST</b>		<b>\$56,920.80</b>	<b>75.54%</b>	<b>\$43,000.00</b>	<b>\$17,180.00</b>	<b>\$25,820.00</b>
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$25,820.00</b>	

**EXHIBIT D  
TASKS FEES BY MANHOURS & RATES**

ENGINEERING & SURVEYING FEE ESTIMATE  
BASIC SERVICES

**WORK AUTHORIZATION No. 006 - Colonia Lucero Del Norte (Mile 11 North & Mile 2 West)**

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	1						6	\$800.00
1.2	OBTAIN EXISTING PLANS AND REPORTS			2	4	8	2				16	\$1,490.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR EDGINEERING DESIGN, SCOPE FOR GEOTECHNICAL		2					3	40		45	\$5,800.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	2	4	2	8	24					40	\$4,080.00
1.5	PREPARE COST ESTIMATES		2	2	2	16	2				24	\$2,250.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	1	2	1	4	8	2				18	\$1,770.00
1.7	ADDRESS REVIEW COMMENTS FROM OWNER			1	4	4	2				11	\$990.00
	TOTAL PRELIMINARY PHASE	4	12	10	23	60	8	3	40	0	160	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 1	\$720.00	\$1,440.00	\$1,400.00	\$2,300.00	\$5,400.00	\$360.00	\$360.00	\$5,200.00	\$0.00		\$17,180.00
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>												
2.1	PREPARE FINAL PLANS	1	4	6	16	32	8	4			71	\$6,820.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL		1	2	4	4	2	3			16	\$1,610.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS		4	4	16	32	12				68	\$6,060.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW		2	2	2	4	1				11	\$1,125.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES		4	2	8	16	4				34	\$3,180.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER		1	2	8	12	4				27	\$2,460.00
2.7	PREPARE FINAL COST ESTIMATE	1	1	2	4	8	3				19	\$1,835.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVEAL AND PREPARE PERMITS FOR CONSTRUCTION	1	1	2	8	12	6				30	\$2,730.00
	TOTAL DESIGN PHASE	3	18	22	66	120	40	7	0	0	276	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$540.00	\$2,160.00	\$3,080.00	\$6,600.00	\$10,800.00	\$1,800.00	\$840.00	\$0.00	\$0.00		\$25,820.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>												
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	1	1	4		4	2			2	14	\$1,450.00
3.2	CONDUCT PERIODIC INSPECTIONS		8	1						60	69	\$5,300.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS			1		3					4	\$410.00
3.4	REVIEW SHOP DRAWINGS			1		2					3	\$320.00
3.5	CONDUCT FINAL INSPECTION			1						2	3	\$280.00
3.6	PREPARE PUNCH LIST			1		2				2	5	\$460.00
3.7	PREPARE AS-BUILT PLANS					2				2	4	\$320.00
	TOTAL CONSTRUCTION PHASE	1	9	9	0	13	2	0	0	68	102	
	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	\$1,080.00	\$1,260.00	\$0.00	\$1,170.00	\$90.00	\$0.00	\$0.00	\$4,760.00		\$8,540.00

4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:												
4.1	SURVEY FOR AS BUILT PLANS							3	19.16		22.16	\$2,850.80
4.2	DRAFTING OF AS BUILT PLANS					12					12	\$1,080.00
4.3	REVIEW AS BUILT PLANS			1	1	1				1	4	\$400.00
4.4	SUBMIT AS BUILT PLANS TO OWNER						2	2			4	\$330.00
4.5	CLOSE OUT DOCUMENTS TO OWNER	1	1	1	1	1	2				7	\$720.00
	TOTAL DESIGN PHASE	1	1	2	2	14	4	5	19.16	1	49.16	
	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	\$120.00	\$280.00	\$200.00	\$1,260.00	\$180.00	\$600.00	\$2,490.80	\$70.00		\$5,380.80
	TOTAL ENGINEERING BASIC SERVICES LABOR COST	\$1,620.00	\$4,800.00	\$6,020.00	\$9,100.00	\$18,630.00	\$2,430.00	\$1,800.00	\$7,690.80	\$4,830.00		\$56,920.80
	TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS	\$56,920.80										
	TOTAL COST	\$56,920.80										

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

# INVOICE

02612

**INVOICE # 4739**  
**DATE: 12/1/2011**

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

**Drainage Study & Improvement for Colonia Adams & Black (Mile 10  
 1/2 North & Mile 3 West)**  
**Contract No. C-11-111-04-19**  
**Work Order # 5-Purchase Order # 664784**  
**\$36,695.22**

DESCRIPTION	CONTRACT AMOUNT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPLETE	BALANCE TO FINISH
Preliminary Eng. Plans & Specs Approved By locality	\$10,045.00	\$10,045.00	\$0	\$10,045.00	100%	\$0
Plans & Specs Approved By Regulatory Agencies	\$16,710.00	\$0	\$16,710.00	\$16,710.00	100%	\$0
Completion of Bid advertisement, contract award and notice to proceed.	\$5,445.00	\$0	\$0	\$0	0%	\$5,445.00
Submittal of As Built plans to locality	\$4,495.22	\$0	\$0	\$0	0%	\$4,495.22
<b>Totals</b>	<b>\$36,695.22</b>	<b>\$10,045.00</b>	<b>\$16,710.00</b>	<b>\$26,755.00</b>	<b>72.91%</b>	<b>\$9,940.22</b>

*[Handwritten Signature]*, P.E.  
 Project Manager's Signature

1-1342-431-00-121-095-0-733

ORIGINAL CONTRACT SUM	\$36,695.22
CHANGE BY	\$0
CONTRACT SUM TO DATE	\$36,695.22
TOTAL COMPLETE TO DATE	\$26,755.00
LESS PREVIOUS INVOICES	\$10,045.00
<b>CURRENT PAYMENT DUE</b>	<b>\$16,710.00</b>

INVOICE RECEIVED BY  
 on 12-4-11  
 GOLD SERVICES RECEIVED BY:  
 on



**WORK AUTHORIZATION No. 005 - Colonia Adams & Black (Mile 10 1/2 North & Mile 3 West)**

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	PRELIMINARY PROJECT KICK-OFF MEETING	BASIC	\$580.00	100%	\$680.00	\$680.00	\$0.00
1.2	OBTAIN EXISTING PLANS AND REPORTS	BASIC	\$930.00	100%	\$930.00	\$930.00	\$0.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR ENGINEERING DESIGN	BASIC	\$2,560.00	100%	\$2,560.00	\$2,560.00	\$0.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	BASIC	\$2,300.00	100%	\$2,300.00	\$2,300.00	\$0.00
1.5	PREPARE COST ESTIMATES	BASIC	\$1,530.00	100%	\$1,530.00	\$1,530.00	\$0.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	BASIC	\$1,290.00	100%	\$1,290.00	\$1,290.00	\$0.00
1.7	1.7 ADDRESS REVIEW COMMENTS FROM OWNER	BASIC	\$755.00	100%	\$755.00	\$755.00	\$0.00
SUB-TOTAL PHASE 1			\$10,045.00	100%	\$10,045.00	\$10,045.00	\$0.00
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>							
2.1	PREPARE FINAL PLANS	BASIC	\$5,340.00	100%	\$5,340.00	\$0.00	\$5,340.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL	BASIC	\$1,530.00	100%	\$1,530.00	\$0.00	\$1,530.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS	BASIC	\$2,560.00	100%	\$2,560.00	\$0.00	\$2,560.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW	BASIC	\$1,125.00	100%	\$1,125.00	\$0.00	\$1,125.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES	BASIC	\$1,370.00	100%	\$1,370.00	\$0.00	\$1,370.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER	BASIC	\$1,520.00	100%	\$1,520.00	\$0.00	\$1,520.00
2.7	PREPARE FINAL COST ESTIMATE	BASIC	\$1,275.00	100%	\$1,275.00	\$0.00	\$1,275.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVAL AND PREPARE PERMITS FOR CONSTRUCTION	BASIC	\$1,990.00	100%	\$1,990.00	\$0.00	\$1,990.00
SUB-TOTAL PHASE 2			\$16,710.00	100%	\$16,710.00	\$0.00	\$16,710.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>							
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	BASIC	\$945.00	0%	\$0.00	\$0.00	\$0.00
3.2	CONDUCT PERIODIC INSPECTIONS	BASIC	\$2,170.00	0%	\$0.00	\$0.00	\$0.00
3.3	ASSIST WITH CONFLICTS AND RFI REQUESTS	BASIC	\$410.00	0%	\$0.00	\$0.00	\$0.00
3.4	REVIEW SHOP DRAWINGS	BASIC	\$410.00	0%	\$0.00	\$0.00	\$0.00
3.5	CONDUCT FINAL INSPECTION	BASIC	\$280.00	0%	\$0.00	\$0.00	\$0.00
3.6	PREPARE PUNCH LIST	BASIC	\$550.00	0%	\$0.00	\$0.00	\$0.00
3.7	PREPARE AS-BUILT PLANS	BASIC	\$680.00	0%	\$0.00	\$0.00	\$0.00
SUB-TOTAL PHASE 3			\$5,445.00	0%	\$0.00	\$0.00	\$0.00
<b>4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:</b>							
4.1	SURVEY FOR AS BUILT PLANS	BASIC	\$2,320.00	0%	\$0.00	\$0.00	\$0.00
4.2	DRAFTING OF AS BUILT PLANS	BASIC	\$725.22	0%	\$0.00	\$0.00	\$0.00
4.3	REVIEW AS BUILT PLANS	BASIC	\$400.00	0%	\$0.00	\$0.00	\$0.00
4.4	SUBMIT AS BUILT PLANS TO OWNER	BASIC	\$330.00	0%	\$0.00	\$0.00	\$0.00
4.5	CLOSE OUT DOCUMENTS TO OWNER	BASIC	\$720.00	0%	\$0.00	\$0.00	\$0.00
SUB-TOTAL PHASE 2			\$4,495.22	0%	\$0.00	\$0.00	\$0.00
<b>TOTAL ENGINEERING SERVICES LABOR COST</b>			<b>\$36,695.22</b>	<b>72.91%</b>	<b>\$26,755.00</b>	<b>\$10,045.00</b>	<b>\$16,710.00</b>
<b>AMOUNT DUE THIS INVOICE:</b>						<b>\$16,710.00</b>	

**EXHIBIT D  
TASKS FEES BY MANHOURS & RATES**

ENGINEERING & SURVEYING FEE ESTIMATE  
BASIC SERVICES

**WORK AUTHORIZATION No. 005 - Colonia Adams & Black ( Mile 10 1/2 North & Mile 3 West )**

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	1	2	1						5	\$680.00
1.2	OBTAIN EXISTING PLANS AND REPORTS			2	2	4	2				10	\$930.00
1.3	REVIEW INFORMATION, PERFORM TOPOGRAPHIC SURVEYING FOR EDGINEERING DESIGN, SCOPE FOR GEOTECHNICAL		1					3	16		20	\$2,560.00
1.4	PREPARE PRELIMINARY PLANS AND SPECIFICATIONS	1	3	2	4	12					22	\$2,300.00
1.5	PREPARE COST ESTIMATES		1	4	4	4	2				15	\$1,530.00
1.6	SUBMIT PLANS & SPECIFICATIONS TO OWNER FOR REVIEW	1	1	1	4	4	2				13	\$1,290.00
1.7	ADDRESS REVIEW COMMENTS FROM OWNER			1	3	3	1				8	\$755.00
	TOTAL PRELIMINARY PHASE	3	7	12	18	27	7	3	16	0	93	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 1	\$540.00	\$840.00	\$1,680.00	\$1,800.00	\$2,430.00	\$315.00	\$360.00	\$2,080.00	\$0.00		\$10,045.00
<b>2. PLANS &amp; SPECIFICATIONS APPROVED BY REGULATORY AGENCIES PHASE:</b>												
2.1	PREPARE FINAL PLANS	1	4	4	4	32	8	4			57	\$5,340.00
2.2	CONDUCT QUALITY ASSURANCE AND CONTROL		2	2	2	4	2	3			15	\$1,530.00
2.3	PREPARE FINAL PROJECT SPECIFICATIONS		2	2	6	12	8				30	\$2,560.00
2.4	PRESENT FINAL PLANS AND SPECIFICATIONS FOR REVIEW		2	2	2	4	1				11	\$1,125.00
2.5	REVISE FINAL PLANS AFTER REVIEW BY REGULATORY AGENCIES		2	2	4	4	2				14	\$1,370.00
2.6	PREPARE MATERIALS SCHEDULES FOR OWNER		1	2	4	6	4				17	\$1,520.00
2.7	PREPARE FINAL COST ESTIMATE	1	1	2	2	4	3				13	\$1,275.00
2.8	COORDINATE WITH GOVERNMENTAL AND OTHERS REQUIRING APPROVEAL AND PREPARE PERMITS FOR CONSTRUCTION	1	1	2	6	6	6				22	\$1,990.00
	TOTAL DESIGN PHASE	3	15	18	30	72	34	7	0	0	179	
	HOURLY RATE	\$180.00	\$120.00	\$140.00	\$100.00	\$90.00	\$45.00	\$120.00	\$130.00	\$70.00		
	SUB-TOTAL PHASE 2	\$540.00	\$1,800.00	\$2,520.00	\$3,000.00	\$6,480.00	\$1,530.00	\$840.00	\$0.00	\$0.00		\$16,710.00
<b>3. COMPLETION OF BID ADVERTISEMENT, CONTRACT AWARD AND NOTICE TO PROCEED PHASE</b>												
3.1	PRE-CONSTRUCTION CONFERENCE AND ASSISTANCE	1	1	2		2	1			2	9	\$945.00
3.2	CONDUCT PERIODIC INSPECTIONS			1						29	30	\$2,170.00
3.3	ASSIST WITH CONFLUCTS AND RFI REQUESTS			1		3					4	\$410.00
3.4	REVIEW SHOP DRAWINGS			1		3					4	\$410.00
3.5	CONDUCT FINAL INSPECTION			1						2	3	\$280.00
3.6	PREPARE PUNCH LIST			1		3				2	6	\$550.00
3.7	PREPARE AS-BUILT PLANS					6				2	8	\$680.00
	TOTAL CONSTRUCTION PHASE	1	1	7	0	17	1	0	0	37	64	
	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	\$120.00	\$980.00	\$0.00	\$1,530.00	\$45.00	\$0.00	\$0.00	\$2,590.00		\$5,445.00

4. SUBMITTAL OF AS BUILT PLANS TO LOCALITY PHASE:												
4.1	SURVEY FOR AS BUILT PLANS							2	16		18	\$2,320.00
4.2	DRAFTING OF AS BUILT PLANS					8.058					8.058	\$725.22
4.3	REVIEW AS BUILT PLANS			1	1	1				1	4	\$400.00
4.4	SUBMIT AS BUILT PLANS TO OWNER						2	2			4	\$330.00
4.5	CLOSE OUT DOCUMENTS TO OWNER	1	1	1	1	1	2				7	\$720.00
	TOTAL DESIGN PHASE	1	1	2	2	10.058	4	4	16	1	41.058	
	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	\$120.00	\$280.00	\$200.00	\$905.22	\$180.00	\$480.00	\$2,080.00	\$70.00		\$4,495.22
	TOTAL ENGINEERING BASIC SERVICES LABOR COST	\$1,440.00	\$2,880.00	\$5,460.00	\$5,000.00	\$11,345.22	\$2,070.00	\$1,680.00	\$4,160.00	\$2,660.00		\$36,695.22
	TOTAL ENGINEERING BASIC SERVICES LABOR COST FOR ALL CLASSIFICATIONS	\$36,695.22										
	TOTAL COST	\$36,695.22										