

# R. Gutierrez Engineering Corporation

130 E. Park  
Pharr, TX 78577

Invoice Number: 3154  
Tuesday, May 08, 2012

## Invoice

To: Hidalgo County Precinct No. 2  
300 W. Hall Acres  
Suite G  
Pharr, TX 78577  
Attention: Hector Palacios, Commissioner

### **Project: ENG05.015b Tower Road (Moore Rd - Balli Rd)**

Professional Services for the Period: 1/1/2012 to 4/30/2012

**Billing Group: 02 Phased % of Construction**

**Part 2 - Rancho Blanco Rd - Balli Rd (approx 1.5 miles)**

Contract #: C-05-229-06-21 WA#2(PO#561453)

<u>Phase</u>	<u>Phase Fee</u>	<u>Percent Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Fee</u>
Preliminary Phase	219,226.00	100.00	219,226.00	206,227.00	12,999.00
Design Phase	131,536.00	70.00	92,075.00	68,055.00	24,020.00
Construction Phase	87,691.00	0.00	0.00	0.00	0.00
Environmental Assessment (Add'l Service)	34,000.00	0.00	0.00	0.00	0.00
Right-of-Way Acquisition (Add'l Service)	24,200.00	100.00	24,200.00	24,200.00	0.00
Geotechnical Investifation (Add'l Service)	10,800.00	0.00	0.00	0.00	0.00
<b>Total Phases:</b>					<b>\$37,019.00</b>

Billing Fee: \$507,453.00

Phase Billing Totals: \$37,019.00

PO # 561453  
2-1200-431-00-122-027-0-731  
Req # 082579

Billing Group Subtotal: 37,019.00

### **Project Totals:**

\*\*\* Total Project Invoice Amount:

**\$37,019.00**

  
Ramiro Gutierrez  
President

INVOICE RECEIVED BY:  
 ON 5/8/12  
GOODS/SERVICES RECEIVED BY:  
 ON 5/8/12

TASK	TOTAL CONTRACT AMOUNT	FEE BREAKDOWN					
		PART 1 WORK Moore Rd - Rancho Blanco Rd			PART 2 WORK Rancho Blanco Rd - Balli Rd		
		Fee Amount	% Comp	Fee Earned	Fee Amount	% Comp	Fee Earned
<b>PRELIMINARY PHASE (50% of Fee)</b>							
FIELD & AERIAL SURVEYING	\$101,586	\$35,818	100%	\$35,818	\$65,768	100%	\$65,768
SCHEMATIC DESIGN	\$237,033	\$83,575	100%	\$83,575	\$153,458	100%	\$153,458
<b>SUB-TOTAL</b>	<b>\$338,619</b>	<b>\$119,393</b>	<b>100%</b>	<b>\$119,393</b>	<b>\$219,226</b>	<b>100%</b>	<b>\$219,226</b>
<b>DESIGN PHASE (30% of Fee)</b>							
SURVEYING - FIELD VERIFICATION	\$50,793	\$17,909	100%	\$17,909	\$32,884	100%	\$32,884
ENGINEERING	\$152,379	\$53,727	100%	\$53,727	\$98,652	60%	\$59,191
<b>SUB-TOTAL</b>	<b>\$203,171</b>	<b>\$71,636</b>	<b>100%</b>	<b>\$71,636</b>	<b>\$131,536</b>	<b>70%</b>	<b>\$92,075</b>
<b>CONSTRUCTION PHASE (20% of Fee)</b>							
CONSTRUCTION ADMINISTRATION	\$135,448	\$47,757	80%	\$38,206	\$87,691	0%	\$0
<b>SUB-TOTAL</b>	<b>\$135,448</b>	<b>\$47,757</b>	<b>80%</b>	<b>\$38,206</b>	<b>\$87,691</b>	<b>0%</b>	<b>\$0</b>
<b>TOTAL BASIC ENGINEERING FEES</b>	<b>\$677,238</b>	<b>\$238,786</b>	<b>96%</b>	<b>\$229,234</b>	<b>\$438,453</b>	<b>71%</b>	<b>\$311,301</b>
<b>ENVIRONMENTAL ASSESSMENT (Add'l Service)</b>							
ENVIRONMENTAL ASSESSMENT	\$40,000	\$16,000	0%	\$0	\$24,000	0%	\$0
PULIC MEETINGS	\$20,000	\$10,000	0%	\$0	\$10,000	0%	\$0
<b>SUB-TOTAL</b>	<b>\$60,000</b>	<b>\$26,000</b>	<b>0%</b>	<b>\$0</b>	<b>\$34,000</b>	<b>0%</b>	<b>\$0</b>
<b>RIGHT-OF-WAY ACQUISITION (Add'l Service)</b>							
R.O.W. MAP	\$60,200	\$36,000	100%	\$36,000	\$24,200	100%	\$24,200
<b>SUB-TOTAL</b>	<b>\$60,200</b>	<b>\$36,000</b>	<b>100%</b>	<b>\$36,000</b>	<b>\$24,200</b>	<b>100%</b>	<b>\$24,200</b>
<b>GEOTECHNICAL INVESTIGATIONI (Add'l Service)</b>							
GEOTECHNICAL INVESTIGATION	\$18,000	\$7,200	0%	\$2,186	\$10,800	0%	\$0
<b>SUB-TOTAL</b>	<b>\$18,000</b>	<b>\$7,200</b>	<b>30%</b>	<b>\$2,186</b>	<b>\$10,800</b>	<b>0%</b>	<b>\$0</b>
<b>TOTAL ADDITIONAL SERVICES</b>	<b>\$138,200</b>	<b>\$69,200</b>	<b>55%</b>	<b>\$38,186</b>	<b>\$69,000</b>	<b>35%</b>	<b>\$24,200</b>
<b>TOTAL ESTIMATED FEE</b>	<b>\$815,438</b>	<b>\$307,986</b>	<b>87%</b>	<b>\$267,420</b>	<b>\$507,453</b>	<b>66%</b>	<b>\$335,501</b>
Part I - Basic Fee Based on 10.5% of Estimated Construction Cost of :					\$2,274,150		
For a Base Engineering Fee of :	\$238,786						
Part II - Basic Fee Based on 10.5% of Estimated Construction Cost of :					\$4,175,739		
For a Base Engineering Fee of :	\$438,453						

Floodway Crossing

**Project Name: Tower Rd - Part 2**

Project Length: 1.67 8,838 LF

Project Limits:

From: Rancho Blanco Road  
To: Juan Balli Road

Item	Item Description	Quantity	Unit	Unit Cost	Total Cost
100	Prep R.O.W.	88.38	Sta	\$ 1,200.00	\$ 106,056.00
110	Rdwy Excavation	21,957.00	CY	\$ 3.00	\$ 65,871.00
132	Rdwy Embankment (includes ditch fill)	224,224.00	CY	\$ 3.30	\$ 739,939.20
132	Embankment (Levee)	68,558.00	CY	\$ 10.00	\$ 685,580.00
164	Cell Fib Mulch Seed (Temp)(Warm)	58,752.00	SY	\$ 0.50	\$ 29,376.00
164	Cell Fib Mulch Seed (Temp)(Cool)	58,752.00	SY	\$ 0.50	\$ 29,376.00
164	Cell Fib Mulch Seed (Perm)	117,504.00	SY	\$ 0.50	\$ 58,752.00
247	Flex Base	11,460.00	CY	\$ 18.76	\$ 214,989.60
260	Lime Treat Subg	43,821.00	SY	\$ 2.00	\$ 87,642.00
260	Lime for Subg	651.00	Ton	\$ 170.00	\$ 110,670.00
262	Lime Treat Base	41,701.00	SY	\$ 1.50	\$ 62,551.50
262	Lime	388.00	Ton	\$ 170.00	\$ 65,960.00
310	Asph Mat'l	8,238.00	Gal	\$ 7.00	\$ 57,666.00
340	Hot Mix	3,752.00	Ton	\$ 65.00	\$ 243,880.00
400	Cement Stab Backfill	300.00	CY	\$ 30.00	\$ 9,000.00
402	Trench Excav Protection	720.00	LF	\$ 1.25	\$ 900.00
432	Conc. Riprap (5")	53.00	CY	\$ 250.00	\$ 13,250.00
432	Conc. Riprap (4")	120.00	CY	\$ 290.00	\$ 34,800.00
464	RCP (CL III)(18")	544.00	LF	\$ 29.50	\$ 16,048.00
464	RCP (CL III)(24")	560.00	LF	\$ 33.90	\$ 18,984.00
464	RCP (CL III)(48")	3,956.00	LF	\$ 93.00	\$ 367,908.00
465	Inlet (Ty F)	2.00	EA	\$ 3,800.00	\$ 7,600.00
465	Inlet (Ty CC)	7.00	EA	\$ 2,300.00	\$ 16,100.00
465	Manhole Ty "A2"	2.00	EA	\$ 2,800.00	\$ 5,600.00
465	Manhole Ty "M"	4.00	EA	\$ 4,130.00	\$ 16,520.00
465	Inlet Extension	2.00	EA	\$ 1,000.00	\$ 2,000.00
466	Wingwall (FW-0)(HW=6 ft)	4.00	EA	\$ 10,250.00	\$ 41,000.00
467	Safety End Treatment (18") (6:1)	17.00	EA	\$ 900.00	\$ 15,300.00
467	Safety End Treatment (24") (6:1)	8.00	EA	\$ 1,100.00	\$ 8,800.00
496	Remove Str. (Box Culvert)	96.00	LF	\$ 25.00	\$ 2,400.00
500	Mobilization	1.00	LS	\$ 230,000.00	\$ 230,000.00
502	Barricades	10.00	Mo	\$ 1,000.00	\$ 10,000.00
506	Const Exits (Ty II) (Install)	336.00	SY	\$ 15.50	\$ 5,208.00
506	Const Exits (Remove)	336.00	SY	\$ 5.50	\$ 1,848.00
506	Temp Sedmt Control Fence	504.00	LF	\$ 2.25	\$ 1,134.00
529	Conc Curb & Gutter (Ty A)	160.00	LF	\$ 7.00	\$ 1,120.00
529	Mountable Conc. Curb	6,800.00	LF	\$ 7.75	\$ 52,700.00
530	Driveways (Asph)	6,165.00	SY	\$ 12.00	\$ 73,980.00
530	Turnouts	326.00	SY	\$ 25.00	\$ 8,150.00
531	Curb Ramps (Ty 8)	8.00	EA	\$ 400.00	\$ 3,200.00
540	MBGF	2,300.00	LF	\$ 16.25	\$ 37,375.00
540	TAS	14.00	EA	\$ 580.00	\$ 8,120.00
644	Guardrail end treatment	6.00	EA	\$ 1,930.00	\$ 11,580.00
644	Ins Sm Rd Sn Sup Ty S80(1)SA(P)	23.00	EA	\$ 400.00	\$ 9,200.00
644	Remove Sm Rd Sn Sup & Assem	5.00	EA	\$ 100.00	\$ 500.00
666	Refl Pav Mark (W)(4")(Slid)	17,367.00	LF	\$ 1.00	\$ 17,367.00
666	Refl Pav Mark (W)(8")(Slid)	84.00	LF	\$ 3.00	\$ 252.00
666	Refl Pav Mark (W)(12")(Slid)	142.00	LF	\$ 3.25	\$ 461.50
666	Refl Pav Mark (W)(24")(Slid)	80.00	LF	\$ 8.00	\$ 640.00
666	Refl Pav Mark (Y)(4")(Slid)	12,684.00	LF	\$ 1.00	\$ 12,684.00
666	Refl Pav Mark (Y)(24")(Slid)	185.00	LF	\$ 8.00	\$ 1,480.00
668	Prefab Pav Mrk (W) (Word)	2.00	EA	\$ 400.00	\$ 800.00
668	Prefab Pav Mrk (W) (Arrow)	6.00	EA	\$ 300.00	\$ 1,800.00
672	Raised Pav Mark (Refl)(Ty I-C)	10.00	EA	\$ 6.00	\$ 60.00
672	Raised Pav Mark (Refl)(Ty II-A-A)	410.00	EA	\$ 6.00	\$ 2,460.00
	Bridge Construction	6,900.00	SF	\$ 75.00	\$ 517,500.00
	Luminaires	4.00	EA	\$ 2,500.00	\$ 10,000.00
4035	RCLHPP (36")(CL III)	240.00	LF	\$ 90.00	\$ 21,600.00
	<b>TOTAL</b>				<b>\$4,175,738.80</b>

- TxDOT avg bid prices
- RG established price based on experience
- Actual bid price from drainage project
- Actual price from construction project

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## R. Gutierrez Engineering Corporation

May 8, 2012

Hector "Tito" Palacios  
County Commissioner  
Hidalgo County Precinct No. 2  
300 W. Hall Acres, Suite G  
Pharr, TX 78577

RE: Tower Road – Invoice(s)  
ENG05.015b

Dear Commissioner Palacios:

The estimated construction costs for both parts of the above referenced project have been updated. I am submitting two invoices which reflect the updated estimated construction costs.

The estimated construction cost for Part I (Moore Road to Rancho Blanco Road) of the project has been updated based on actual construction and is now \$2,274,149.68. We are billing through 80% of the Construction phase for this part.

The estimated construction cost for Part II (Rancho Blanco Road to Balli Road) of the project has been updated based on the design of the project having advanced sufficiently enough to develop a more detailed cost estimate and is now \$4,175,738.80. We are billing through 70% of the Design phase (100% Surveying, 60% Engineering Plans) for this part.

If you have any questions, please call Ramiro or myself so that we may discuss them. You can call us at 956-782-2557 or Ramiro on his mobile at 956-227-2154.

Sincerely,



Jaime Jaimez, Jr.  
Accounting Manager

Attachments  
cc: File