

# R. Gutierrez Engineering Corporation

130 E. Park  
Pharr, TX 78577

Invoice Number: 3153  
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: 01 Phased % of Construction**

**Part 1 - Moore Rd - Rancho Blanco Rd (approx 1.0 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	119,393.00	100.00	119,393.00	114,928.00	4,465.00
Design Phase	71,636.00	100.00	71,636.00	68,957.00	2,679.00
Construction Phase	47,757.00	80.00	38,205.60	27,583.00	10,622.60
Environmental Assessment (Add'l Service)	26,000.00	0.00	0.00	0.00	0.00
Right-of-Way Acquisition (Add'l Service)	36,000.00	100.00	36,000.00	36,000.00	0.00
Geotechnical Investigation (Add'l Service)	7,200.00	30.36	2,185.87	2,185.87	0.00
<b>Total Phases:</b>					<b>\$17,766.60</b>

Billing Fee: \$307,986.00

**Phase Billing Totals: \$17,766.60**

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

Billing Group Subtotal: 17,766.60

### **Project Totals:**

**\*\*\* Total Project Invoice Amount:**

**\$17,766.60**

  
\_\_\_\_\_  
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						

<b>Project Name:</b>	<b>Tower Rd - Part 1</b>	
Project Length:	1.10 Miles	5,780 LF
Project Limits:		
From:	Moore Road	
To:	Rancho Blanco Road	

Item	Item Description	Quantity	Unit	Unit Cost	Total Cost
100	Prep R.O.W.	62.74	Sta	\$ 1,200.00	\$ 75,288.00
110	Rdwy Excavation	18,458.00	CY	\$ 3.00	\$ 55,374.00
132	Rdwy Embankment	736.00	CY	\$ 9.00	\$ 6,624.00
164	Cell Fib Mulch Seed (Temp)(Warm)	12,890.00	SY	\$ 0.50	\$ 6,445.00
164	Cell Fib Mulch Seed (Temp)(Cool)	12,890.00	SY	\$ 0.50	\$ 6,445.00
164	Cell Fib Mulch Seed (Perm)	25,780.00	SY	\$ 0.50	\$ 12,890.00
247	Flex Base	8,181.20	CY	\$ 18.76	\$ 153,479.31
260	Lime Treat Subg	39,396.00	SY	\$ 2.00	\$ 78,792.00
260	Lime for Subg	614.70	Ton	\$ 170.00	\$ 104,499.00
262	Lime Treat Base	38,235.00	SY	\$ 1.50	\$ 57,352.50
262	Lime	277.00	Ton	\$ 170.00	\$ 47,090.00
310	Asph Mat'l	7,026.90	Gal	\$ 7.00	\$ 49,188.30
340	Hot Mix	5,993.00	Ton	\$ 65.00	\$ 389,545.00
400	Cement Stab Backfill	959.00	CY	\$ 30.00	\$ 28,770.00
400	Cut & Restore Pavement	397.70	SY	\$ 36.10	\$ 14,356.97
402	Trench Excav Protection	5,762.00	LF	\$ 1.25	\$ 7,202.50
464	RCP (CL III)(18")	1,561.00	LF	\$ 29.50	\$ 46,049.50
464	RCP (CL III)(24")	2,183.00	LF	\$ 33.90	\$ 74,003.70
464	RCP (CL III)(30")	1,200.00	LF	\$ 54.50	\$ 65,400.00
464	RCP (CL III)(36")	1,182.00	LF	\$ 65.50	\$ 77,421.00
464	RCP (CL III)(42")	1,229.00	LF	\$ 90.10	\$ 110,732.90
465	Inlet (Ty C)	40.00	EA	\$ 3,100.00	\$ 124,000.00
465	Inlet (Ty F) (Mod from Ty C)	30.00	EA	\$ 3,000.00	\$ 90,000.00
465	Manhole (Compl) (Ty A)	5.00	EA	\$ 2,200.50	\$ 11,002.50
465	Inlet Extension	23.00	EA	\$ 1,000.00	\$ 23,000.00
467	Safety End Treatment (18") (3:1)	2.00	EA	\$ 700.00	\$ 1,400.00
467	Safety End Treatment (18") (4:1)	1.00	EA	\$ 600.00	\$ 600.00
479	Adjust Manhole (San Sewer)	11.00	EA	\$ 1,000.00	\$ 11,000.00
500	Mobilization	1.00	LS	\$ 130,000.00	\$ 130,000.00
502	Barricades	10.00	Mo	\$ 1,000.00	\$ 10,000.00
506	Const Exits (Ty II) (Install)	504.00	SY	\$ 15.50	\$ 7,812.00
506	Const Exits (Remove)	504.00	SY	\$ 5.50	\$ 2,772.00
506	Temp Sedmt Control Fence	3,336.00	LF	\$ 2.25	\$ 7,506.00
508	Construct Detours	60.70	STA	\$ 1,450.00	\$ 88,015.00
529	Conc Curb & Gutter (Ty A)	10,900.00	LF	\$ 7.00	\$ 76,300.00
529	Conc Valley Gutter (Ty A)	677.00	SY	\$ 27.00	\$ 18,279.00
530	Driveways (Asph)	2,164.00	SY	\$ 12.00	\$ 25,968.00
530	Driveways (Conc)	234.00	SY	\$ 25.00	\$ 5,850.00
530	Turnouts	2,029.00	SY	\$ 25.00	\$ 50,725.00
531	Curb Ramps (Ty 8)	16.00	EA	\$ 400.00	\$ 6,400.00
560	Mailboxes	33.00	EA	\$ 200.00	\$ 6,600.00
644	Ins Sm Rd Sn Sup Ty S80(1)SA(P)	37.00	EA	\$ 400.00	\$ 14,800.00
644	Remove Sm Rd Sn Sup & Assem	19.00	EA	\$ 100.00	\$ 1,900.00
662	Wk Zn Pav Mrk (Perm)(W)(4")(Sld)	25,096.00	LF	\$ 1.00	\$ 25,096.00
662	Wk Zn Pav Mrk (Perm)(Y)(4")(Sld)	25,096.00	LF	\$ 1.00	\$ 25,096.00
662	Wk Zn Pav Mrk (Perm)(W)(24")(Sld)	40.00	LF	\$ 8.00	\$ 320.00
666	Refl Pav Mark (W)(4")(Bkn)	2,600.00	LF	\$ 1.00	\$ 2,600.00
666	Refl Pav Mark (W)(8")(Sld)	480.00	LF	\$ 3.00	\$ 1,440.00
666	Refl Pav Mark (W)(24)(Sld)	625.00	LF	\$ 8.00	\$ 5,000.00
666	Refl Pav Mark (Y)(4")(Sld)	13,058.00	LF	\$ 1.00	\$ 13,058.00
666	Refl Pav Mark (Y)(24)(Sld)	292.00	LF	\$ 8.00	\$ 2,336.00
668	Prefab Pav Mrk (W) (Word)	6.00	EA	\$ 400.00	\$ 2,400.00
668	Prefab Pav Mrk (W) (Arrow)	11.00	EA	\$ 300.00	\$ 3,300.00
672	Raised Pav Mark (Refl)(Ty I-C)	356.00	EA	\$ 6.00	\$ 2,136.00
672	Raised Pav Mark (Refl)(Ty II-A-A)	313.00	EA	\$ 6.00	\$ 1,878.00
4035	RCLHPP (CL III) (18")	90.00	LF	\$ 22.35	\$ 2,011.50
4035	RCLHPP (CL III) (24")	80.00	LF	\$ 32.50	\$ 2,600.00
4035	Standpipe (24")	1.00	EA	\$ 4,000.00	\$ 4,000.00
	<b>TOTAL</b>				<b>\$2,274,149.68</b>

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