



May 1, 2013

Hon. A. C. Cuellar
 Hidalgo County Commissioner, Pct. #1
 Attn: Olga Garza
 1902 Joe Stevens
 Weslaco, Tx 78596

RE: FM 493 North Work Authorization #1
Contract# C-07-451-12-26/PO# 596375/R233 – L&G Project#071401

Dear Commissioner Cuellar:

Attached for your approval is our invoice for services rendered during the month of April 2013. The following is attached:

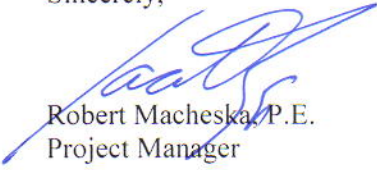
- L & G's Invoice & Subconsultant Invoice (when applicable)
- Exhibit C "Project Schedule"

TASK		% COMPL
FC 11006 – DESIGN SCHEMATICS		
This task is complete.	L&G	100%
FC 12001 – ENVIRONMENTAL FIELD WORK		
This task is complete.	L&G	100%
FC 12002 – ENVIRONMENTAL DOCUMENTS		
Comments have been received and the document has been partially revised under this task. This task is complete.	L&G	100%
FC 12003 – PUBLIC INVOLVEMENT		
This task is complete.	L&G	100%
FC 12004 – CULTURAL RESOURCES		
L&G has received approval from THC on this project. This task is complete.	L&G	100%
FC 12030 – PUBLIC INVOLVEMENT		
A second public meeting was held in February of 2012 at the Munoz Elementary School. L&G provided all of the Exhibits and the technical support. All documentation has been completed and incorporated into the environmental document. This task is complete.	L&G	100%
FC 13010 – PRELIMINARY RIGHT-OF-WAY MAPPING		
This task is complete.	RODS	100%
FC 15001 – SURVEY PLANS AND DESIGN		
L&G has managed contract development with RODS. We continue to review all work submitted by surveyor. Surveyor has submitted survey, along with preliminary survey control index sheets.	L&G	95%
FC 15010 – SURVEY PLANS AND DESIGN/SUB		
This task is complete.	RODS	100%
FC 15070 – HORIZONTAL & VERTICAL CONTROL/SUB		
This task is complete.	RODS	100%

FC 16001 – ROADWAY DESIGN		
Typical sections for an 84' roadway have been finalized. Intersection layouts have been finalized. We finalized the profile and centerline and are finalizing the design cross sections and earthwork. We have adjusted the alignment to minimize impacts to the gas line as well as ROW impacts at Mile 10 1/2. P&P sheets are being finalized for the 90% submittal.	L&G	88%
FC 16100 – DRAINAGE		
We are evaluating each proposed outfall. We are finalizing the storm drain layouts and discharge curves for the outfalls. We are finalizing the U&D sheets with the storm sewer profile for the 90% submittal.	L&G	88%
FC 16200 – PAVEMENT MARKING AND SIGNING		
Pavement marking layouts and signing layouts have been finalized for the 90% submittal.	L&G	88%
FC 16240 – SIGNAL DESIGN/SUB		
Condition diagrams, permanent & temporary signal layouts, flashing beacons, signal phasing, timing charts, electrical charts, intersection markings and wheelchair ramp locations are completed. ETSI is currently finalizing the standards, specs & estimate sheets.	ETSI	85%
FC 16302 – TRAFFIC CONTROL PLAN		
We have completed the TCP typical sections and overall plan and have received concurrence from the TxDOT Safety Review Committee. The "Sequence of Construction" and "TCP General Notes" have been created. We have submitted all of the TCP sheets to TxDOT for concurrence.	L&G	88%
FC 16304 – IRRIGATION		
All irrigation crossings have been identified and existing conditions have been drafted. Coordination with the Donna Irrigation District is ongoing. Additional information needed has been obtained from existing project plans. Existing structure details have been verified. We have resubmitted plan sheets to the Irrigation District and are coordinating the tie-downs.	L&G	88%
FC 16307 – UTILITIES		
Major compensable utilities have been identified and adjustment costs have been analyzed and incorporated into the project. We have developed a compensable utility cost estimate and are verifying proof of property interests by each company. Initial letters have been sent to all utilities found within project limits. We are coordinating with North Alamo Water Supply Corp. and Texas Gas on major compensable items. Parallel gas line has been exposed and tied down in the field. We are identifying possible conflict locations to be exposed by the utility companies. Additional utility letters along with preliminary sheets have been sent to all utility companies for comments and mark-up. Comments continue to be received.	L&G	88%
FC 16400 – CONTRACT MANAGEMENT		
L&G continues to coordinate and manage the work required and is providing County with updates. TCP and cross-sections have been submitted to TxDOT	L&G	88%
FC 32000 – CONSTRUCTION MANAGEMENT		
This task has not begun.	L&G	0%
FC 12002 – ENVIRONMENTAL ASSESSMENT DOCUMENT		
L&G received comments on the environmental document submitted on 06/29/12 from TxDOT on Oct 21, 2012 and responded on Oct 31, 2012 and submitted electronic copy back to TxDOT.	L&G	85%
FC 16400 – CONTRACT MANAGEMENT		
L&G has been updated the Precinct to provide a project status and has been coordinating with TxDOT to keep the project on track. In addition, L&G has provided the precinct with a hard copy of the latest environmental documents.	L&G	75%

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 585-1909.

Sincerely,



Robert Macheska, P.E.
Project Manager

Attachment

L & G Consulting Engineers Inc
2100 W. Expressway 83
Mercedes, TX 78570
(956) 565-9813 Fax (956) 565-9018

INVOICE #: 11324427
INVOICE DATE: 04/30/13

BILL TO: 34

Hidalgo County Pct. #1
 902 Joe Stephens
 Weslaco, TX 78596

JOB: 071401

FM 493
 c/o Hidalgo County
 100 E. Cano
 Edinburg, TX 78539

Contract #C-07-451-12-26
 PO#596375/R233

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of April 2013.						
11006-Design Schem	272,500.00	272,500.00		272,500.00	100.0	
12001-EA Fieldwork	10,000.00	10,000.00		10,000.00	100.0	
12002-EA Documents	57,000.00	57,000.00		57,000.00	100.0	
12003-Public Invmt	3,000.00	3,000.00		3,000.00	100.0	
12004-Cul Resc	20,000.00	20,000.00		20,000.00	100.0	
12030-Public Invmt	20,450.00	20,450.00		20,450.00	100.0	
13010-Prel-ROW Map/S	35,000.00	35,000.00		35,000.00	100.0	
15001-Surv.Plans&Des	25,000.00	25,000.00		25,000.00	100.0	
15010-Surv.Plan/Sub	105,000.00	105,000.00		105,000.00	100.0	
15070-H&V Control/Su	35,200.00	35,200.00		35,200.00	100.0	
16001-Rdwy Design	252,000.00	221,760.00		221,760.00	88.0	30,240.00
16100-Drainage	168,000.00	147,840.00		147,840.00	88.0	20,160.00
16200-Pavt Mrk & Sig	84,000.00	73,920.00		73,920.00	88.0	10,080.00
16240-Signal Design	44,851.29	34,843.83	3,292.78	38,136.61	85.0	6,714.68
16302-Traf Cntrl Pln	84,000.00	73,920.00		73,920.00	88.0	10,080.00
16304-Irrigation	84,000.00	73,920.00		73,920.00	88.0	10,080.00
16307-Utilities	168,000.00	147,840.00		147,840.00	88.0	20,160.00
16400-Contract Mgmt	100,000.00	88,000.00		88,000.00	88.0	12,000.00
32000-Const. Mgmt	30,948.71				0.0	30,948.71
TOTALS:	1,598,950.00	1,445,193.83	3,292.78	1,448,486.61	90.6	150,463.39
12002-EA Documents	70,000.00	70,000.00		70,000.00	100.0	
16400-Contract Mgmt	20,000.00	20,000.00		20,000.00	100.0	
TOTALS:	1,688,950.00	1,535,193.83	3,292.78	1,538,486.61	90.6	150,463.39

INVOICE RECEIVED BY:
 Katia Garcia on 5/2/13
 GOODS/SERVICES RECEIVED BY:
 Raul Lozano on April 2013

3-1336431-00-121-0A9-0841
 FM 493 (MON - SH107)
 PO# 596375

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

11500 Northwest Freeway, Suite 491

Houston, Texas 77092

Tel. (713) 956-9601

Fax: (713) 956-9667

April 24, 2013

Mr. Jacinto Garza, P.E.,
Project Manager
L & G Engineering
2100 W. Expressway 83
Mercedes, Texas 78570

Reference: Invoice no. 2010-2-3 – FM 493: Permanent and Temporary Signal Design;
Flashing Beacon Design; WA #1

Dear Jacinto:

Attached for your handling is invoice no. 2010-2-3, for services provided in conjunction with the above referenced project. It reflects our effort from May 1, 2012 to April 30, 2013. Also attached is a progress report for the project.

Please let me know if you need additional information.

It is a pleasure working with you.

Sincerely,



Harry C. Simeonidis, P.E.

Attachments

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

11500 Northwest Freeway, Suite 491
 Houston, Texas 77092
 Tel. (713) 956-9601
 Fax (713) 956-9667
 TAX ID: 76-0583436

APPROVED
 By Robert at 3:32 pm, Apr 24, 2013

INVOICE NUMBER: 2010-2-3
 INVOICE DATE: 04/30/2013
 FOR SERVICES PROVIDED FROM: 5/1/2012
 TO: 4/30/2013

TO:
 Mr. Jacinto Garza, P.E.
 Project Manager
 L & G Engineering
 2100 W. Expressway 83
 Mercedes, Texas 78570

PROJECT NAME
 FM 493: From Mile 10 Rd to Mile 13 Road
 Work Authorization No.1
 Permanent and Temporary Signal Design
 Flashing Beacon Design

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	AMOUNT INVOICED TO DATE	PREVIOUSLY INVOICED AMOUNT	AMOUNT DUE THIS INVOICE
INVOICE SUMMARY	SIGNAL DESIGN	85.03%	\$44,851.29	\$38,136.61	\$34,843.83	\$3,292.78
	TOTAL DUE	85.03%	\$44,851.29	\$38,136.61	\$34,843.83	\$3,292.78
TOTAL DUE THIS INVOICE						\$3,292.78

PLEASE MAKE CHECKS PAYABLE TO:
 Ergonomic Transportation Solutions, Inc.
 Attn: Harry Simeonidis
 P.O. Box 926333
 Houston, TX 77292-6333

THANK YOU FOR GIVING US THE OPPORTUNITY TO SERVE YOU

543

071461
 16246

ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

INVOICE

11500 Northwest Freeway, Suite 491
 Houston, Texas 77092
 Tel. (713) 956-9601
 Fax (713) 956-9667
 TAX ID: 76-0583436

INVOICE NUMBER: 2010-2-3
 INVOICE DATE: 04/30/2013
 FOR SERVICES PROVIDED FROM: 5/1/2012
 TO: 4/30/2013

TO:
 Mr. Jacinto Garza, P.E.
 Project Manager
 L & G Engineering
 2100 W. Expressway 83
 Mercedes, Texas 78570

PROJECT NAME:
 FM 493: From Mile 10 Rd to Mile 13 Road
 Work Authorization No.1
 Permanent and Temporary Signal Design
 Flashing Beacon Design

TASK NO.	DESCRIPTION OF SERVICES PROVIDED	% COMPLETE	TOTAL FEE	EARNED AMNT
	<u>SIGNALS</u>			
1	GENERAL NOTES	85.00	\$935.85	\$795.47
2	ESTIMATE AND QUANTITIES	85.00	\$3,528.52	\$2,999.24
3	CONDITION DIAGRAM	90.00	\$5,593.58	\$5,034.23
4	PROPOSED SIGNAL LAYOUT	85.00	\$10,509.08	\$8,932.72
5	SIGNAL PHASING AND TIMING	85.00	\$3,528.52	\$2,999.24
6	ELECTRICAL SCHEDULE	85.00	\$4,168.32	\$3,543.07
7	INTERSECTION PAVEMENT MARKINGS & RAMPS	85.00	\$3,528.48	\$2,999.21
8	STANDARD SHEETS LIST	85.00	\$882.13	\$749.81
9	SPECIFICATIONS LIST	85.00	\$365.84	\$310.96
10	FIELD INVESTIGATION, COORDINATION & MEETINGS	75.00	\$2,666.66	\$2,000.00
11	TEMPORARY TRAFFIC SIGNALS	85.00	\$8,024.31	\$6,820.66
	<u>EXPENSES</u>	85.00	1,120.00	\$952.00
	SUBTOTAL	85.03%	\$44,851.29	\$38,136.61

FM 493
FROM MILE 10 RD TO MILE 13 RD
PERMANENT AND TEMPORARY SIGNAL DESIGN
FLASHING BEACON DESIGN

PROGRESS REPORT AS OF APRIL 30, 2013

ETSI's work progress this month can be summarized as follows:

TASK 1 – General Notes: (85% Complete)

- Task substantially completed

TASK 2 – Estimate and Quantities: (85% Complete)

- Completed calculations of quantity take offs

TASK 3 – Condition Diagrams: (90% Complete)

- Based on TxDOT comments, updated Condition diagrams for all intersections

TASK 4 – Proposed Signal Layouts: (85% Complete)

- Based on TxDOT comments, updated Permanent signal and flashing beacon layouts

TASK 5 – Signal Phasing and Timing: (85% Complete)

- Based on TxDOT comments, updated Signal Phasing and timing charts

TASK 6 – Electrical Schedule: (85% Complete)

- Based on TxDOT comments, updated Electrical charts

TASK 7 – Intersection Pavement Marking and Wheel Chair Ramps: (85% Complete)

- Based on TxDOT comments, updated intersection pavement markings and wheel chair ramps

TASK 8 – Standard Sheets List: (85% Complete)

- Task is completed

TASK 9 – Specifications List: (85% Complete)

- Task is completed

TASK 10 – Field Investigation and Coordination Meetings: (75% Complete)

- Continue coordination with L&G

TASK 11 - Temporary Traffic Signals: (85% Complete)

- Task is complete

PENDING ISSUES:

None. Submitted 95% complete plans