

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

INVOICE#: 11325133
 INVOICE DATE: 4/30/2015

BILL TO:
 Hidalgo County Pct. #2
 300 W. Hall Acres Rd.
 Pharr, TX 78589

JOB:150201
 On Call Services for "Road and
 Bridge, C.I.P and Other Projects"
 P.O. #723445

Cesar Chavez Rd. Project							
10241-Preliminary Design Values	12,702.68	0.00	12,702.68	12,702.68	100.0	-	
10242-Preliminary Route Locations on Uncontrolled Mapping	3,719.22	0.00	3,719.22	3,719.22	100.0	-	
10243-Uncontrolled Mapping (w/Contours & GIS Info)	16,110.42	0.00	16,110.42	16,110.42	100.0	-	
10244-Preliminary Traffic Evaluations & Trends	5,379.46	0.00	5,379.46	5,379.46	100.0	-	
10245-Preliminary Hydrologic Map	6,127.06	0.00		0.00	0.0	6,127.06	
10246-Preliminary ROW Requirements	3,451.34	0.00	3,451.34	3,451.34	100.0	-	
10247-Preliminary Cost Estimates	3,451.34	0.00		0.00	0.0	3,451.34	
10248-Preliminary Environmental Analysis	5,379.46	0.00		0.00	0.0	5,379.46	
10249-Project Fact Sheet with Estimated Local Cost vs. To	10,678.00	0.00		0.00	0.0	10,678.00	
Overall Project Items							
10251-Meetings & Coordination & Support for Project Devel	22,427.00	0.00	12,334.85	12,334.85	55.0	10,092.15	
	358,418.70	124,089.36	95,061.09	219,150.45		139,268.25	
Direct Expenses	17,500.00	0.00		0.00	0.0	17,500.00	
	17,500.00	0.00	0.00	0.00		17,500.00	
Total	375,918.70	124,089.36	95,061.09	219,150.45	58.3	156,768.25	



PROJECT MANAGER'S SIGNATURE

ORIGINAL CONTRACT SUM	\$	375,918.70
CHANGE BY CHANGE ORDER	\$	0.00
CONTRACT SUM TO DATE	\$	375,918.70
TOTAL COMPLETED TO DATE	\$	219,150.45
LESS PREVIOUS INVOICES	\$	124,089.36
CURRENT PAYMENT DUE	\$	95,061.09

INVOICE RECEIVED BY:
Erika Zamora ON 4/30/15
 GOODS/SERVICES RECEIVED BY:
Eddie Cantu ON 4-1-15 to 4-30-15

PC # 723445
5-1345-431-00-122 -0-
 Rec # 274362

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

INVOICE#: 11325133
INVOICE DATE: 4/30/2015

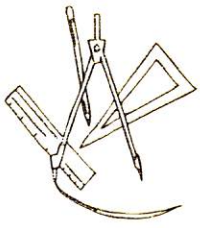
BILL TO:

Hidalgo County Pct. #2
 300 W. Hall Acres Rd.
 Pharr, TX 78589

JOB:150201

On Call Services for "Road and
 Bridge, C.I.P and Other Projects"
 P.O. #723445

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of April 2015.						
112 East Eldora Rd. Project						
10201-Preliminary Design Values	12,702.68	12,702.68		12,702.68	100.0	-
10202-Preliminary Route Locations on Uncontrolled Mapping	3,719.22	3,719.22		3,719.22	100.0	-
10203-Uncontrolled Mapping (w/Contours & GIS Info)	16,110.42	16,110.42		16,110.42	100.0	-
10204-Preliminary Traffic Evaluations & Trends	5,379.46	5,379.46		5,379.46	100.0	-
10205-Preliminary Hydrologic Map	6,127.06	0.00		0.00	0.0	6,127.06
10206-Preliminary ROW Requirements	3,451.34	3,451.34		3,451.34	100.0	-
10207-Preliminary Cost Estimates	3,451.34	0.00		0.00	0.0	3,451.34
10208-Preliminary Environmental Analysis	5,379.46	0.00		0.00	0.0	5,379.46
10209-Project Fact Sheet with Estimated Local Cost vs. Tot	10,927.20	0.00		0.00	0.0	10,927.20
113 West Eldora Rd. Project						
10211-Preliminary Design Values	12,702.68	12,702.68		12,702.68	100.0	-
10212-Preliminary Route Locations on Uncontrolled Mapping	3,719.22	3,719.22		3,719.22	100.0	-
10213-Uncontrolled Mapping (w/Contours & GIS Info)	16,110.42	16,110.42		16,110.42	100.0	-
10214-Preliminary Traffic Evaluations & Trends	5,379.46	5,379.46		5,379.46	100.0	-
10215-Preliminary Hydrologic Map	6,127.06	0.00		0.00	0.0	6,127.06
10216-Preliminary ROW Requirements	3,451.34	3,451.34		3,451.34	100.0	-
10217-Preliminary Cost Estimates	3,451.34	0.00		0.00	0.0	3,451.34
10218-Preliminary Environmental Analysis	5,379.46	0.00		0.00	0.0	5,379.46
10219-Project Fact Sheet with Estimated Local Cost vs. Tot	10,927.20	0.00		0.00	0.0	10,927.20
115 Sioux Road Project						
10221-Preliminary Design Values	12,702.68	12,702.68		12,702.68	100.0	-
10222-Preliminary Route Locations on Uncontrolled Mapping	3,719.22	3,719.22		3,719.22	100.0	-
10223-Uncontrolled Mapping (w/Contours & GIS Info)	16,110.42	16,110.42		16,110.42	100.0	-
10224-Preliminary Traffic Evaluations & Trends	5,379.46	5,379.46		5,379.46	100.0	-
10225-Preliminary Hydrologic Map	6,127.06	0.00		0.00	0.0	6,127.06
10226-Preliminary ROW Requirements	3,451.34	3,451.34		3,451.34	100.0	-
10227-Preliminary Cost Estimates	3,451.34	0.00		0.00	0.0	3,451.34
10228-Preliminary Environmental Analysis	5,379.46	0.00		0.00	0.0	5,379.46
10229-Project Fact Sheet with Estimated Local Cost vs. Tot	10,927.20	0.00		0.00	0.0	10,927.20
116 Overpass at US83 and 2nd St. Project						
10231-Preliminary Design Values	12,702.68	0.00	12,702.68	12,702.68	100.0	-
10232-Preliminary Route Locations on Uncontrolled Mapping	3,719.22	0.00	3,719.22	3,719.22	100.0	-
10233-Uncontrolled Mapping (w/Contours & GIS Info)	16,110.42	0.00	16,110.42	16,110.42	100.0	-
10234-Preliminary Traffic Evaluations & Trends	5,379.46	0.00	5,379.46	5,379.46	100.0	-
10235-Preliminary Hydrologic Map	6,127.06	0.00		0.00	0.0	6,127.06
10236-Preliminary ROW Requirements	3,451.34	0.00	3,451.34	3,451.34	100.0	-
10237-Preliminary Cost Estimates	3,451.34	0.00		0.00	0.0	3,451.34
10238-Preliminary Environmental Analysis	5,379.46	0.00		0.00	0.0	5,379.46
10239-Project Fact Sheet with Estimated Local Cost vs. Tot	10,927.20	0.00		0.00	0.0	10,927.20



L&G Consulting Engineers, Inc.

April 30, 2015

Mr. Armando Garza, Jr., Chief Administrator
Attn: Ms. Erika Zamora, Director of Administrative Operations
 Hidalgo County Precinct No. 2
 300 West Hall Acres Rd
 Pharr, Texas 78589

RE: Work Authorization #1 on Contract # 15-097-03-17 - On-Call Services for “Road and Bridge, C.I.P. and Other Projects in General”
Job # 150201
P.O. # 723445

Dear Mr. Garza,

Attached for your review and approval is our invoice for the services rendered under Work Authorization #1 on the subject referenced project.

The following is attached:

- L&G's Invoice #11325133
- Invoice Back-Up (CD w/ Electronic Files of Data):
 - Overpass at US83 and 2nd St. Project
 - Cesar Chavez Rd. Project
 - Overall Project Items

TASK		% COMPL
East Eldora Rd. Project		
FC 10201 ~ Preliminary Design Values	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10202 ~ Preliminary Route Locations on Uncontrolled Mapping	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10203 ~ Uncontrolled Mapping (w/Contours & GIS Info)	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10204 ~ Preliminary Traffic Evaluations & Trends	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10205 ~ Preliminary Hydrologic Map	L&G	0.0%
Task Not Started		

FC 10206 ~ Preliminary ROW Requirements	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10207 ~ Preliminary Cost Estimates	L&G	0.0%
Task Not Started		
FC 10208 ~ Preliminary Environmental Analysis	L&G	0.0%
Task Not Started		
FC 10209 ~ Project Fact Sheet with Estimated Local vs. Total Project Cost	L&G	0.0%
Task Not Started		
West Eldora Rd. Project		
FC 10211 ~ Preliminary Design Values	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10212 ~ Preliminary Route Locations on Uncontrolled Mapping	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10213 ~ Uncontrolled Mapping (w/Contours & GIS Info)	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10214 ~ Preliminary Traffic Evaluations & Trends	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10215 ~ Preliminary Hydrologic Map	L&G	0.0%
Task Not Started		
FC 10216 ~ Preliminary ROW Requirements	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10217 ~ Preliminary Cost Estimates	L&G	0.0%
Task Not Started		
FC 10218 ~ Preliminary Environmental Analysis	L&G	0.0%
Task Not Started		
FC 10219 ~ Project Fact Sheet with Estimated Local vs. Total Project Cost	L&G	0.0%
Task Not Started		

Sioux Road Project		
FC 10221 ~ Preliminary Design Values	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10222 ~ Preliminary Route Locations on Uncontrolled Mapping	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10223 ~ Uncontrolled Mapping (w/Contours & GIS Info)	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10224 ~ Preliminary Traffic Evaluations & Trends	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10225 ~ Preliminary Hydrologic Map	L&G	0.0%
Task Not Started		
FC 10226 ~ Preliminary ROW Requirements	L&G	100.0%
Task Complete – See progress report dated April 2, 2015		
FC 10227 ~ Preliminary Cost Estimates	L&G	0.0%
Task Not Started		
FC 10228 ~ Preliminary Environmental Analysis	L&G	0.0%
Task Not Started		
FC 10229 ~ Project Fact Sheet with Estimated Local vs. Total Project Cost	L&G	0.0%
Task Not Started		
Overpass at US83 and 2nd St. Project		
FC 10231 ~ Preliminary Design Values	L&G	100.0%
Task Complete – The project design values from SH336 (10 th Street) to FM2061 (McCull Rd) have been included in the project schematic. The “Functional Classification” of these roadways is currently identified as “Interstate” & “Principal Arterial”. The eMAX is set at 6% as per the TxDOT Roadway Design Manual Chapter 3, Section 6 ~ Freeways and Chapter 3, Section 2 ~ Urban Streets. The “Design Speed” has yet to be set.		
FC 10232 ~ Preliminary Route Locations on Uncontrolled Mapping	L&G	100.0%
Task Complete – The proposed centerline alignment was evaluated about center in an effort to minimize impacts. The alignment that has been adopted, with no ground-control, has been identified on the project schematic.		
FC 10233 ~ Uncontrolled Mapping (w/Contours & GIS Info)	L&G	100.0%

Task Complete – The “Overpass at US83 and 2 nd Street Schematic” is 0.91 miles long and has been completed with no ground-control. This project schematic is broken down into 2 segments. Segment 1 consists of the construction of the mainlanes for the US83 proposed overpass. Segment 2 consists of the realignment of 2 nd St. with jug handles for business/hospital connectivity and reconstruction of the frontage roads. The typical section is that of a 4 lane divided urban section with left turn lanes and turn arounds with minimal ROW required.		
FC 10234 ~ Preliminary Traffic Evaluations & Trends	L&G	100.0%
Task Complete – The current traffic patterns have been evaluated and auxiliary lanes have been proposed on the schematic to address those traffic movements (i.e. weaving lanes in front of schools, dedicated left turn lanes, merging lanes, etc)		
FC 10235 ~ Preliminary Hydrologic Map	L&G	0.0%
Task Not Started		
FC 10236 ~ Preliminary ROW Requirements	L&G	100.0%
Task Complete – All existing ROW has been identified on the project schematic based on the latest available information from HCAD and cross-verified with Carson Maps. The proposed ROW has also been identified based on the appropriate typical section. All proposed impacts to the ROW are called out.		
FC 10237 ~ Preliminary Cost Estimates	L&G	0.0%
Task Not Started		
FC 10238 ~ Preliminary Environmental Analysis	L&G	0.0%
Task Not Started		
FC 10239 ~ Project Fact Sheet with Estimated Local vs. Total Project Cost	L&G	0.0%
Task Not Started		
Cesar Chavez Rd. Project		
FC 10241 ~ Preliminary Design Values	L&G	100.0%
Task Complete – The project design values from BUS83 to Nolana Loop have been included in the project schematic. The “Functional Classification” of this roadway is currently identified as a “Minor Arterial” from BUS83 to Sioux Rd and “Major Collector” from Sioux Rd to Nolana Loop. The eMAX is set at 6% as per the TxDOT Roadway Design Manual Chapter 3, Section 2 ~ Urban Streets and the “Design Speed” has been set to 45 MPH.		
FC 10242 ~ Preliminary Route Locations on Uncontrolled Mapping	L&G	100.0%
Task Complete – The proposed centerline alignment was evaluated about center in an effort to minimize impacts. The alignment that has been adopted, with no ground-control, has been identified on the project schematic.		
FC 10243 ~ Uncontrolled Mapping (w/Contours & GIS Info)	L&G	100.0%

Task Complete – The “Cesar Chavez Road Schematic” is 3.04 miles long and has been completed with no ground-control. This project schematic consists of both reconstruction and overlay as identified in the “Typical Sections”. The proposed Typical Section is that of a 4 lane divided urban section with a continuous left turn lane within 80ft of ROW where applicable.		
FC 10244 ~ Preliminary Traffic Evaluations & Trends	L&G	100.0%
Task Complete – The current traffic patterns have been evaluated and auxiliary lanes have been proposed on the schematic to address those traffic movements (i.e. weaving lanes in front of schools, dedicated left turn lanes, merging lanes, etc)		
FC 10245 ~ Preliminary Hydrologic Map	L&G	0.0%
Task Not Started		
FC 10246 ~ Preliminary ROW Requirements	L&G	100.0%
Task Complete – All existing ROW has been identified on the project schematic based on the latest available information from HCAD and cross-verified with Carson Maps. The proposed ROW has also been identified based on the appropriate typical section. All proposed impacts to the ROW are called out.		
FC 10247 ~ Preliminary Cost Estimates	L&G	0.0%
Task Not Started		
FC 10248 ~ Preliminary Environmental Analysis	L&G	0.0%
Task Not Started		
FC 10249 ~ Project Fact Sheet with Estimated Local vs. Total Project Cost	L&G	0.0%
Task Not Started		
Overall Project Items		
FC 10251 ~ Meetings & Coordination w/ Pct. #2 Staff on Project Develop. Activities	L&G	55.0%
Update – L&G has held multiple meetings with Precinct No. 2 to coordinate project development activities during this invoicing period.		

Should you have any questions regarding this submittal or would like clarification on any aspect of the project, please do not hesitate to call me at (956) 585-1909.

Sincerely,

David Saenz, P.E., C.F.M.
 Project Manager
 L&G Engineering