



**Professional Engineers & Land Surveyors**

130 E. PARK AVENUE • PHARR, TEXAS 78577  
(TEL) 956-782-2557 • (FAX) 956-782-2558  
Engineering Firm F - 486 • Surveying Firm #101650-00

Invoice Number 4290

Date 11/14/2017

# Invoice

Hidalgo County Precinct No. 1  
Commissioner David L. Fuentes  
1902 Joe Stephens Ave #303  
Weslaco, TX 78596

**Project: ENG17.009 - Pct1 Valdez Rd**

Project No.: ENG17.009  
Contract No.: C-17-246-10-10 --- WA No. 1  
PO No. 771120

Const. Cost  
% of Const. Cost  
Billing Fee \$37,937.00

<u>Phase</u>	<u>Phase Fee</u>	<u>% Complete</u>	<u>Fee Earned</u>	<u>Prior Billing</u>	<u>Current Fee</u>
General Management / Coordination	2,880.28	50.82%	1,463.70		1,463.70
Right-of-Way, Utilities & Design Survey	11,461.28	92.22%	10,569.58		10,569.58
Plans Specifications & Estimate (PS&E)	18,420.56	9.00%	1,658.65		1,658.65
PS&E Construction Phase Services	5,174.50	0.00%			0.00
Sales Tax	0.00				0.00

Engineer's Signature:   
Ramiro Gutierrez, President

**Balance Due** \$13,691.93

HIDALGO CO. PCT 1 - VALDEZ ROAD

PROGRESS REPORT 1

TASK	PERCENT OF CONTRACT	\$ VALUE OF CONTRACT	PERCENT COMPLETE	\$ VALUE COMPLETE	LESS PREVIOUSLY INVOICED	TOTAL DUE THIS INVOICE
<b>I. GENERAL MANAGEMENT / COORDINATION</b>						
Meet w/ Owner to establish Project Scope and Design Criteria	2.44%	\$ 926.94	100.00%	\$ 926.94	\$ -	\$ 926.94
Meet w/ Delta Lake Irrig Dist to establish Scope of Work on Canal and Drain Ditch (2 meetings)	1.48%	\$ 560.32	50.00%	\$ 280.16	\$ -	\$ 280.16
Meet w/ Owner's Staff on all project related items	1.35%	\$ 513.20	50.00%	\$ 256.60	\$ -	\$ 256.60
Perform Quality Control & Quality Assurance (QCQA)	2.32%	\$ 879.82	0.00%	\$ -	\$ -	\$ -
<b>I. GENERAL MANAGEMENT / COORDINATION - SUMMARY</b>	<b>7.59%</b>	<b>\$ 2,880.28</b>	<b>50.82%</b>	<b>\$ 1,463.70</b>	<b>\$ -</b>	<b>\$ 1,463.70</b>
<b>II. ROW, UTILITIES &amp; DESIGN SURVEYING</b>						
<b>Right-of-Way &amp; Utilities Survey</b>						
Survey existing roadway right-of-way and adjoining parcel lines in project coordinate system	3.19%	\$ 1,210.58	100.00%	\$ 1,210.58	\$ -	\$ 1,210.58
Obtain most current existing right-of-way information (plats, deeds, ownership info)	1.60%	\$ 605.94	100.00%	\$ 605.94	\$ -	\$ 605.94
Prepare Project Base Map of project limits showing exist ROW and Property lines	2.37%	\$ 897.94	100.00%	\$ 897.94	\$ -	\$ 897.94
Contact "One Call" to request marking of underground utilities.	0.80%	\$ 303.72	100.00%	\$ 303.72	\$ -	\$ 303.72
Request existing utility information from local utility companies.	0.12%	\$ 47.12	100.00%	\$ 47.12	\$ -	\$ 47.12
Perform surveying for horiz location of "Flagged" underground utilities & visible overhead lines	0.84%	\$ 320.02	100.00%	\$ 320.02	\$ -	\$ 320.02
<b>Design Survey</b>						
Establish project control points at each end of project	2.35%	\$ 890.56	100.00%	\$ 890.56	\$ -	\$ 890.56
Establish Horiz and Vert Control BM's @ 1,000-Ft spacing (Est. 2 BM's)	1.67%	\$ 633.96	30.00%	\$ 190.19	\$ -	\$ 190.19
Perform topographic survey to 200-Ft beyond limits of project	3.37%	\$ 1,280.08	100.00%	\$ 1,280.08	\$ -	\$ 1,280.08
Take X-Sections @ 200-Ft spacing to 20-Ft beyond ROW (when possible)	3.37%	\$ 1,280.08	100.00%	\$ 1,280.08	\$ -	\$ 1,280.08
Take driveway or intersecting road X-Sections to 10-Ft beyond ROW	0.84%	\$ 320.02	100.00%	\$ 320.02	\$ -	\$ 320.02
Pick up horiz location of all visible overhead or on-ground utilities and markings from "one-call" service	2.35%	\$ 890.56	100.00%	\$ 890.56	\$ -	\$ 890.56
Take X-Sections of Irrig Canal @ 50-Ft spacing to 200-Ft from Rdwy centerline each side	0.84%	\$ 320.02	0.00%	\$ -	\$ -	\$ -
Take X-Sections of Drain Ditch @ 50-Ft spacing to 200-Ft from Rdwy centerline each side	0.84%	\$ 320.02	60.00%	\$ 192.01	\$ -	\$ 192.01
Obtain Side Drain data (centerline station, size, length, flow lines, etc.)	0.84%	\$ 320.02	100.00%	\$ 320.02	\$ -	\$ 320.02
Obtain culvert's size of structures, type, skew angle, material.	0.84%	\$ 320.02	100.00%	\$ 320.02	\$ -	\$ 320.02
Locate any other topographic feature within project area (within 20-ft outside of ROW)	1.67%	\$ 633.96	100.00%	\$ 633.96	\$ -	\$ 633.96
Process ASCII files to develop DTM	2.28%	\$ 866.76	100.00%	\$ 866.76	\$ -	\$ 866.76
<b>II. ROW, UTILITIES &amp; DESIGN SURVEYING - SUMMARY</b>	<b>30.21%</b>	<b>\$ 11,461.38</b>	<b>92.22%</b>	<b>\$ 10,569.58</b>	<b>\$ -</b>	<b>\$ 10,569.58</b>
<b>III. PLANS SPECIFICATIONS &amp; ESTIMATE</b>						
Title Sheet & Index of Sheets	1.29%	\$ 490.16	30.00%	\$ 147.05	\$ -	\$ 147.05
Project Layout	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Horizontal & Vertical Survey Control	1.29%	\$ 490.16	0.00%	\$ -	\$ -	\$ -
Existing & Proposed Typical Sections	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Develop General Notes and Specs	2.58%	\$ 980.32	0.00%	\$ -	\$ -	\$ -
Earthwork & Cross-Sections	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Figure Quantities & Prepare E&Q Sheets	1.70%	\$ 644.47	0.00%	\$ -	\$ -	\$ -

HIDALGO CO. PCT 1 - VALDEZ ROAD

PROGRESS REPORT 1

Sequence of Construction	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Traffic Control Plan General Notes	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Traffic Control Plan	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Plan & Profile (Roadway)	9.08%	\$ 3,444.64	30.00%	\$ 1,033.39	\$ -	\$ 1,033.39
Driveway & Intersection Details	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Outfall Details	3.72%	\$ 1,410.71	0.00%	\$ -	\$ -	\$ -
Cross Culvert X-Sections & Profiles	2.10%	\$ 797.01	60.00%	\$ 478.21	\$ -	\$ 478.21
Irrigation Crossing Structure Plan & Profile	4.20%	\$ 1,594.02	0.00%	\$ -	\$ -	\$ -
Irrigation Structures Details	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Prepare stormwater pollution prevention plan (SW3P) following NPDES general permit reqmnts	2.10%	\$ 797.01	0.00%	\$ -	\$ -	\$ -
Provide interim drawing submittals (3 sets)	1.29%	\$ 490.16	0.00%	\$ -	\$ -	\$ -
Provide Final Drawings on 11"x17" Paper	1.09%	\$ 413.89	0.00%	\$ -	\$ -	\$ -
Provide Engineer's Construction Cost Estimate	1.30%	\$ 491.93	0.00%	\$ -	\$ -	\$ -
<b>III. PLANS SPECIFICATIONS &amp; ESTIMATE - SUMMARY</b>	<b>48.56%</b>	<b>\$ 18,420.56</b>	<b>9.00%</b>	<b>\$ 1,658.65</b>	<b>\$ -</b>	<b>\$ 1,658.65</b>
<b>IV. CONSTRUCTION PHASE SERVICES</b>						
Review submittals	1.69%	\$ 641.34	0.00%	\$ -	\$ -	\$ -
Review Construction Materials Testing Reports	1.30%	\$ 491.93	0.00%	\$ -	\$ -	\$ -
Perform Construction Site Observations	3.13%	\$ 1,188.44	0.00%	\$ -	\$ -	\$ -
Perform Final Inspection	3.13%	\$ 1,188.44	0.00%	\$ -	\$ -	\$ -
Prepare Construction Record Drawings	3.10%	\$ 1,177.32	0.00%	\$ -	\$ -	\$ -
Close out Project	1.28%	\$ 487.03	0.00%	\$ -	\$ -	\$ -
<b>IV. CONSTRUCTION PHASE SERVICES - SUMMARY</b>	<b>13.64%</b>	<b>\$ 5,174.50</b>	<b>0.00%</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL PROFESSIONAL SERVICES - SUMMARY</b>	<b>100.00%</b>	<b>\$ 37,937</b>			<b>\$ -</b>	<b>\$ 13,691.93</b>