



Professional Engineers & Land Surveyors

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Engineering Firm F-486 • Surveying Firm #101650-00

Invoice Number 4322
Date 1/10/2018

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-17-246-09-12 --- 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	80.27%	2,312.07	1,463.70	848.37
Right-of-Way, Utilities & Design Survey	11,461.38	100.00%	11,461.38	10,569.58	891.80
Plans Specifications & Estimate (PS&E)	18,420.56	52.32%	9,637.27	1,658.65	7,978.62
PS&E Construction Phase Services	5,174.50	0.00%			0.00
Sales Tax	0.00				0.00

HIDALGO COUNTY PCT 1,
JAN 12 '18 PM2:32

Balance Due \$9,718.79

HIDALGO CO. PCT 1 - VALDEZ ROAD

PROGRESS REPORT 2

DALGO COUNTY PCT 1
 JAN 12 '18 PM 2:33 *jk*

TASK	PERCENT OF CONTRACT	\$ VALUE OF CONTRACT	PERCENT COMPLETE	\$ VALUE COMPLETE	LESS PREVIOUSLY INVOICED	TOTAL DUE THIS INVOICE
I. GENERAL MANAGEMENT / COORDINATION						
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	100.00%	\$ 560.32	\$ 280.16	\$ 280.16
Meet w/ Owner's Staff on all project related items	1.35%	\$ 513.20	75.00%	\$ 384.90	\$ 256.60	\$ 128.30
Perform Quality Control & Quality Assurance (QCQA)	2.32%	\$ 879.82	50.00%	\$ 439.91	\$ -	\$ 439.91
I. GENERAL MANAGEMENT / COORDINATION - SUMMARY	7.59%	\$ 2,880.28	80.27%	\$ 2,312.07	\$ 1,463.70	\$ 848.37
II. ROW, UTILITIES & DESIGN SURVEYING						
Right-of-Way & Utilities Survey						
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	\$ -
Design Survey						
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	100.00%	\$ 633.96	\$ 190.19	\$ 443.77
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" services	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	100.00%	\$ 320.02	\$ -	\$ 320.02
Take X-Sections of Drain Ditch @ 50-Ft spacing to 200-Ft from Rdwy centerline each side	0.84%	\$ 320.02	100.00%	\$ 320.02	\$ 192.01	\$ 128.01
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	\$ -
II. ROW, UTILITIES & DESIGN SURVEYING - SUMMARY	30.21%	\$ 11,461.38	100.00%	\$ 11,461.38	\$ 10,569.58	\$ 891.80
III. PLANS SPECIFICATIONS & ESTIMATE						
Title Sheet & Index of Sheets	1.29%	\$ 490.16	90.00%	\$ 441.14	\$ 147.05	\$ 294.10

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Project Layout	398.51	\$ -	\$ 398.51
Horizontal & Vertical Survey Control	441.14	\$ -	\$ 441.14
Existing & Proposed Typical Sections	717.31	\$ -	\$ 717.31
Develop General Notes and Specs	-	\$ -	\$ -
Earthwork & Cross-Sections	-	\$ -	\$ -
Figure Quantities & Prepare E&Q Sheets	-	\$ -	\$ -
Sequence of Construction	-	\$ -	\$ -
Traffic Control Plan General Notes	-	\$ -	\$ -
Traffic Control Plan	-	\$ -	\$ -
Plan & Profile (Roadway)	1,100.18	\$ 1,038.39	\$ 2,066.78
Driveway & Intersection Details	398.51	\$ -	\$ 398.51
Outfall Details	705.36	\$ -	\$ 705.36
Cross Culvert X-Sections & Profiles	717.31	\$ 478.21	\$ 239.10
Irrigation Crossing Structure Plan & Profile	,594.02	\$ -	\$ 1,594.02
Irrigation Structures Details	797.01	\$ -	\$ 797.01
Prepare stormwater pollution prevention plan (SW3	-	\$ -	\$ -
Provide interim drawing submittals (3 sets)	326.79	\$ -	\$ 326.79
Provide Final Drawings on 11"x17" Paper	-	\$ -	\$ -
Provide Engineer's Construction Cost Estimate	-	\$ -	\$ -
III. PLANS SPECIFICATIONS & ESTIMATE - SUM	637.27	\$ 1,658.65	\$ 7,978.62
IV. CONSTRUCTION PHASE SERVICES			
Review submittals	-	\$ -	\$ -
Review Construction Materials Testing Reports	-	\$ -	\$ -
Perform Construction Site Observations	-	\$ -	\$ -
Perform Final Inspection	-	\$ -	\$ -
Prepare Construction Record Drawings	-	\$ -	\$ -
Close out Project	-	\$ -	\$ -
IV. CONSTRUCTION PHASE SERVICES - SUMM	-	\$ -	\$ -
TOTAL PROFESSIONAL SERVICES - SUMMARY	23,411	\$ 13,691.93	\$ 9,718.79