



PO # 841458  
~~2~~ - ~~1290~~ - ~~441~~ - ~~50~~ - ~~115~~ - ~~101~~ - ~~1~~ - ~~723~~  
 Req # 444528

\$ 11,594.30

Invoice

Date	Invoice #
3/1/2022	20319

P.O. Box 2724  
 McAllen, Tx. 78502  
 (956) 585-3773

RECEIVED MAR 01 2022  
*ef*

Please send remittance with copy of invoice to:

Attn: Mrs. Aisha Gonzalez  
 P.O. Box 2724  
 McAllen, Tx. 78502

Bill To:  
 Hidalgo County  
 300 W Hall Acres Rd.  
 Pharr, TX 78577

Project Info:  
 Contract No. C-21-0845-11-02  
 Stormwater Management Project  
 Work Authorization No. 1  
 B2Z JOB: 2307 PG#841458

Billing Period February 2022 ✓

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	BAI
<b>Data Collection &amp; Processing</b>						
Drone Data Collection	\$ 11,813.20 ✓	\$ 11,222.54 ✓	\$ -	\$ 11,222.54 ✓	95%	590.66
Drone Data Processing	\$ 23,795.16 ✓	\$ 22,605.40 ✓	\$ 0.00	\$ 22,605.40 ✓	95%	1,189.76
Field Surveying	\$ 12,500.80 ✓	\$ 6,250.40 ✓	\$ 3,125.20 ✓	\$ 9,375.60 ✓	75%	3,125.20
<b>Existing System Inventory</b>						
Existing Roadside Ditch Quantities	\$ 23,079.95 ✓	\$ 5,769.99 ✓	\$ 3,461.99 ✓	\$ 9,231.98 ✓	40%	13,847.97
Existing Culvert Quantities and Condition Data Collection	\$ 18,501.46 ✓	\$ 1,850.15 ✓	\$ 2,775.22 ✓	\$ 4,625.37 ✓	25%	13,876.09
Existing Outfall Quantities and Condition Data Collection	\$ 14,879.31 ✓	\$ 1,487.93 ✓	\$ 2,231.90 ✓	\$ 3,719.83 ✓	25%	11,159.48
<b>Rural Drainage System Design</b>						
Designing of all culverts, existing and Proposed (Flow line elevations)	\$ 12,038.40 ✓	\$ -	\$ -	\$ -	0%	12,038.40
Designing of all roadside ditch upstream and downstream elevations	\$ 12,038.40 ✓	\$ -	\$ -	\$ -	0%	12,038.40
Designing of all outfalls, existin and proposed (Flow line elevations)	\$ 6,437.98 ✓	\$ -	\$ -	\$ -	0%	6,437.98
<b>Plans, Specification &amp; Estimate (PS&amp;E)</b>						
Plan Set (30%, 60%, 90%)	\$ 73,236.59 ✓	\$ -	\$ -	\$ -	0%	73,236.59
<b>Direct Expenses</b>						
	\$ 17,977.00 ✓	\$ -	\$ -	\$ -	0%	17,977.00
<b>Total For This Billing Period</b>						<b>\$11,594.30</b>
<u>226,298.25</u> <u>49,186.41</u> <u>11,594.30</u> <u>60,779.72</u> <u>165,517.53</u>						

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$226,298.25	\$49,186.41	26.9%	\$165,517.54

*Aisha Gonzalez*  
 Aisha Gonzalez - President

INVOICE RECEIVED BY:

Iupitagarza ON 03/01/22

GOODS/SERVICES RECEIVED BY:

Eddie Cantu ON 02/01-28/22

*3/21/22*

March 1, 2022

Hon. Eddie Cantu  
 Commissioner, Hidalgo County Pct. #2  
 300 W. Hall Acres Rd.  
 Pharr, TX 78577

**RE: Contract # C-21-0845-11-02 ~ Stormwater Management Project  
 Work Authorization #1**

Dear Commissioner Cantu:

Attached for your review and approval is our invoice for services rendered under Work Authorization #1 during February 2022 on the subject referenced project.

The following is attached:  
 • Invoice No. 20319

The following is a narrative of the progress for this period.

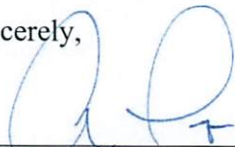
TASK	% Complete
<b>I. DATA COLLECTION &amp; PROCESSING</b>	
<b>Task 1 – Drone Data Collection</b>	<b>95%</b>
<p><b><u>NO UPDATE:</u></b></p> <p>B2Z has flown 95% of total drone flights need for the project. B2Z’s FAA certified drone pilot is adhering to all FAA small commercial aircraft guidelines.</p>	
<b>Task 2 – Drone Data Processing</b>	<b>95%</b>
<p><b><u>NO UPDATE:</u></b></p> <p>B2Z has processd 95% of all drone data. Process included creating a mosaic out of all flight images (range from 100 – 600 images) and processing that data to extrapolate survey-grade elevation data as well as utilizing the updated aerial imagery to create Level 1 topo.</p>	

<b>Task 3 – Field Surveying</b>		<b>75%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z completed approximately 75% of all survey needed to data collection. Survey data included, but not limited to existing ditch flowline elevations, culvert data, outfall data, etc.</p>		
<b>II. EXISTING SYSTEM INVENTORY</b>		
<b>Task 4 – Existing Roadside Ditch Quantities</b>		<b>40%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z has collected 40% of all roadside ditch quantities for the project. This data will be used to develop an existing drain ditch manifest to be used for final design.</p>		
<b>Task 5 – Exist. Culv. Qnty. &amp; Condition Data Collection</b>		<b>25%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z has collected 25% of existing culvers including their existing condition for the project. This data will be used to develop an existing drain ditch manifest to be used for final design.</p>		
<b>Task 6 – Exist. Outfall Qnty. &amp; Condition Data Collection</b>		<b>25%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z has collected 10% of existing outfall including their existing condition for the project. This data will be used to develop an existing drain ditch manifest to be used for final design.</p>		
<b>III. RURAL DRAINAGE SYSTEM DESIGN</b>		
<b>Task 7 – Designing of all culv, exist. and prop. (Flow Lines &amp; elev)</b>		<b>0%</b>
<p><b><u>NO UPDATE:</u></b></p>		

<b>Task 8 – Designing of all roadside ditch upstream &amp; downstream elev.</b>		<b>0%</b>
<b><u>NO UPDATE:</u></b>		
<b>Task 9 – Designing of all outfalls, existing and proposed</b>		<b>0%</b>
<b><u>NO UPDATE:</u></b>		
<b>IV. PLANS, SPECIFICATIONS, AND ESTIMATE (PS&amp;E)</b>		
<b>Task 10 – PS&amp;E</b>		<b>0%</b>
<b><u>NO UPDATE:</u></b>		
<b>V. DIRECT EXPENSES</b>		
<b>Task 11 – Direct Expenses</b>		<b>0%</b>
<b><u>NO UPDATE:</u></b>		

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 585-3773.

Sincerely,




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Armando Pompa, CFM  
Project Manager  
B2Z Engineering, LLC