

# B<sup>2</sup>Z ENGINEERING

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

## Invoice

Date	Invoice #
1/2/2020	20202

PO # 803856  
9 -1315-124-20-000-028-0-000  
Req # 400015  
\$3894.83

Please send remittance with copy of invoice to  
Attn: Mrs. Aisha Gonzalez  
P.O. Box 2724  
McAllen, Tx. 78502

Bill To:  
Hidalgo County Precinct #2  
300 West Hall Acres, Suite G  
Pharr, TX 78577

Project Info:  
Hidalgo County Precinct #2  
Contract # C-19-016-08-13  
Work Authorization #1  
Dicker Road

PO # 803856  
9 -1315-124-10-000-008-0-000  
Req # 400015  
\$17,120.13

B2Z JOB: 2302  
PO # 803856

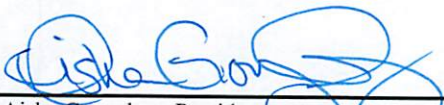
Billing Period December 2019

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46	\$ 14,595.97	\$ 2,919.19	\$ 17,515.16	18%	79,791.30
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 126,576.02	\$ -	\$ 2,531.52	\$ 2,531.52	2%	124,044.50
Tasks 1-6 - Construction Inspection	\$ 523,745.88	\$ -	\$ 10,474.92	\$ 10,474.92	2%	513,270.96
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 9,886.64	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50	\$ 9,668.79	\$ 1,933.75	\$ 11,602.54	18%	52,855.94
Direct Expenses						
Mileage	\$ 10,569.42	\$ 105.69	\$ 211.39	\$ 317.08	3%	10,252.34
CMT	\$ 332,938.60	\$ 13,317.54	\$ 3,329.39	\$ 16,646.93	5%	316,291.67
	<u>1,165,481.52</u>	<u>37,687.99</u>	<u>21,400.16</u>	<u>59,088.15</u>		<u>1,106,393.37</u>
<b>Total For This Billing Period</b>						<b>\$21,400.16</b>

### Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$1,165,481.52	\$37,687.99	5.07%	\$1,106,393.37

PO # 803856  
9 -1315-431-00-122-062-0-721  
Req # 400015  
\$385.20

  
Aisha Gonzalez - President

\$21,400.16 x 1.8% = \$385.20 (P.O.)  
\$21,400.16 x 18.2% = \$3,894.83 (state)  
\$21,400.16 x 80% = \$17,120.13 (federal)

INVOICE RECEIVED BY:  
Lori Cantu ON 1/3/20  
GOODS/SERVICES RECEIVED BY:  
Eduardo Cantu ON 12/01-31/19

1/7/20

January 2, 2020

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

**RE: Professional Engineering Services (C-19-016-08-13)  
Work Authorization No. 1 ~ Precinct No. 2 ~ Dicker Road Project  
PO #803856**

Dear Commissioner Cantu:

Attached for your review and approval is our invoice for services rendered under Work Authorization #1 during the month of December 2019 on the subject referenced project.

The following is attached:

- Invoice No. 20202 ✓

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

<b>TASK</b>	<b>% Complete</b>
<b>1 - Construction Contract Administration</b>	<b>18%</b>
<b><u>UPDATED:</u></b> B2Z commenced coordination with the County RPIC on the following tasks: <ul style="list-style-type: none"><li>▪ Coordinated meetings with the Contractor to discuss construction issues, establish roles and responsibilities and scheduled task dates.</li><li>▪ Initiated meeting with Underground Subcontractor establishing starting dates, production requirements and material on hand</li><li>▪ Start time date: January 6, 2020</li><li>▪ B2Z continued the dialogue with the Contractor on potential value engineering alternatives for construction.</li><li>▪ B2Z opened dialogue with TEDSI for valued engineering ideas for the pavement design.</li><li>▪ City of McAllen – New waterline, parallel to the roadway. Contractor plans to self-perform the work and may not provide three subcontractor bids as originally requested by McAllen Public Utility.</li><li>▪ HCDD1 – Requested to install a 12x8 box culverts under Dicker road for future Hike &amp; Bike Trail. B2Z conducted discovery meetings with HCDD1 where we requested plans, specifications and general information for the Contractor to price a change order. After</li></ul>	

consideration, the decision was made not to include this additional work under this contract.	
<b>2 – Construction Management &amp; Inspection</b>	
<b>Tasks 1-9 Construction Management (During Construction)</b>	<b>2%</b>
<p><b><u>UPDATED:</u></b></p> <ul style="list-style-type: none"> <li>▪ B2Z prepared CO#1 to detour traffic around Dicker Road from 23rd to 10th Streets which will result in a cost savings.</li> <li>▪ B2Z has identified two plan quantity errors involving 7x5 and 9x5 concrete reinforced boxes. This will be an added expense to the project.</li> <li>▪ B2Z continues coordinating the NOI with County.</li> <li>▪ B2Z continues coordinating with Earthworks for Army Corp of Engineer (ACOE) Permits</li> </ul>	
<b>Tasks 1-6 Construction Inspection</b>	<b>2%</b>
<p><b><u>UPDATED:</u></b></p> <ul style="list-style-type: none"> <li>▪ Earthworks initiated the project limit barricades to start construction on Dicker Road.</li> <li>▪ Earthworks prepared the ROW by clearing all obstacles.</li> <li>▪ B2Z included one month of barricades.</li> </ul>	
<b>Tasks 1-3 Construction Management (Post Construction)</b>	<b>0%</b>
<p><b><u>NO UPDATE:</u></b> <i>This task has not begun.</i></p>	
<b>3 – Miscellaneous Technical Activities</b>	<b>18%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z is coordinating the action for adjusting conflicting utilities that will impact the proposed construction. Meeting with Earthworks and GEO Construction to discuss conflicts.</p> <p>MPU sent (via B2Z) final plans and specifications to contractor for pricing and subsequent negotiations.</p>	

<b>4 – Direct Expenses (Mileage)</b>	<b>3%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z has conducted the following activities that required vehicle travel:</p> <ul style="list-style-type: none"> <li>▪ Superintendent/inspector job-site inspections - daily</li> <li>▪ Project Manager site visits – 3/week</li> <li>▪ Hidalgo County Precinct No. 2 Status Meetings</li> <li>▪ Irrigation District Meetings - Liner status and planned construction</li> </ul>	
<b>4 – Direct Expenses (CMT)</b>	<b>5%</b>
<p><b><u>UPDATED:</u></b></p> <ul style="list-style-type: none"> <li>▪ B2Z initiated dialogue and coordinated payment for testing bridge elements with TxDOT to produce test reports for beams, panels, piles and armor joints.</li> <li>▪ The B2Z Laboratory continues sourcing material producers for the project for testing requirements.</li> </ul>	

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

Sincerely,

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Carlos Del Angel, PMP  
Executive Vice President  
B2Z Engineering, LLC



# Purchase Order COUNTY OF HIDALGO

PO# 803856

DATE: 08/23/19

PAGE NO: 1 Of 1

REF: 449121  
 REQ: 00400015  
 PHONE: (956) 585-3773  
 FAX: (956) 583-7116  
 EMAIL: Reza@B2ZEng.com

SHIP TO: HIDALGO CO. PCT 2  
 300 WEST HALL ACRES, SUITE G  
 PHARR TX 78577

GONZALEZ, AISHA  
 B2Z ENGINEERING, LLC  
 900 S. STEWART RD. SUITE 4  
 MISSION TX 78572

CONTACT: EDUARDO CANTU (956) 787-1891  
 SITE: COMMISSIONER, PRECINCT 2  
 CONTRACT NO: C-19-016-08-13

**ADDITIONAL INSTRUCTIONS:**

**ORDER NOTES**

Do not add to, or alter this Purchase Order. This Order is not renewable.  
 EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.  
 Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.  
 Invoice each Purchase Order singly. Original invoices are required customer copy may be accepted. Out number must appear on all invoices, bills of lading, and packages.  
 Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
1.00	LOT	DO NOT DUPLICATE ORDER  TXDOT PCT 2 DICKER ROAD (23RD ST-JACKSON RD) - ENGINEERING SERVICES  WORK AUTHORIZATION NO. 1 APPROVED BY CC 8/13/19 AI#71702 ADVANCE FUNDING AGREEMENT AMENDMENT NO. 1 APPROVED BY CC 4/9/19 AI#69798  TOTAL WORK AUTH NO. 1 IS FOR \$1,165,481.52 AS PER AFA TXDOT (FEDERAL) PARTICIPATION IS 80% 932,385.22, STATE PARTICIPATION IS 18.2% \$212,117.64 AND COUNTY PARTICIPATION IS 1.8% \$20,978.66.  CC WORK AUTHORIZATION NO. 1 FOR ENGINEER TO PROVIDE CONSTRUCTION CONTRACT ADMINISTRATION, CONSTRUCTION MANAGEMENT & INSPECTION, CONSTRUCTION MATERIALS TESTING AND MISCELLANEOUS TECHNICAL ACTIVITIES FOR THE PCT 2 DICKER ROAD PROJECT FROM SP 115 TO FM 2061  ***** For Hidalgo County use only 9-1315-431-00-122-062-0-721	20,978.6600	20,978.66
		<b>TOTAL:</b>		20,978.66

**SCANNED**  
 AUG 27 2019

Authorized by:

*Martha Salazar*