



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

Invoice

Date	Invoice #
2/4/2020	20207

PO # 803856  
~~0-1315-431-00-122-002-0-721~~  
 Req # 400015  
 \$ 357.98

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

B2Z JOB: 2302  
 PO # 803856

Billing Period: ~~December 2019~~ <sup>January 2020</sup>  
 (typo see progress report)

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46	\$ 17,515.16	\$ 1,946.13	\$ 19,461.29	20%	77,845.17
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 126,576.02	\$ 2,531.52	\$ 2,531.52	\$ 5,063.04	4%	121,512.98
Tasks 1-6 - Construction Inspection	\$ 523,745.88	\$ 10,474.92	\$ 10,474.92	\$ 20,949.84	4%	502,796.04
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 9,886.64	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50	\$ 11,602.54	\$ 1,289.17	\$ 12,891.71	20%	51,566.79
Direct Expenses						
Mileage	\$ 10,569.42	\$ 317.08	\$ 317.09	\$ 634.17	6%	9,935.25
CMT	\$ 332,938.60	\$ 16,646.93	\$ 3,329.39	\$ 19,976.32	6%	312,962.28
	<u>1,165,481.52</u>	<u>59,088.15</u>	<u>19,888.22</u>	<u>78,976.37</u>		<u>1,086,505.15</u>
<b>Total For This Billing Period</b>						<b>\$19,888.22</b>

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$1,165,481.52	\$59,088.15	6.78%	\$1,086,505.15

\$19,888.22 x 1.8% = \$357.99 (P.O.)  
 \$19,888.22 x 18.2% = \$3,619.66 (state)  
 \$19,888.22 x 80% = \$15,910.58 (Federal)

Aisha Gonzalez - President

PO # 803856  
~~0-1315-124-20-000-028-0-000~~  
 Req # 400015  
 \$3,619.66

INVOICE RECEIVED BY:  
Lori Carter ON 02/05/20  
 GOODS/SERVICES RECEIVED BY:  
Eduardo Cantun ON 01/01-31/20

PO # 803856  
~~0-1315-124-10-000-008-0-000~~  
 Req # 400015  
 \$15,910.58

February 4, 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 January 2020 on the subject referenced project.

The following is attached:

- Invoice No. 20207 ✓

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

<b>TASK</b>	<b>% Complete</b>
<b>1 - Construction Contract Administration</b>	<b>20%</b>
<b><u>UPDATED:</u></b> <ul style="list-style-type: none"><li>▪ B2Z continues contract administration coordination activities with the County RPIC, Contractor, Design Engineer, TxDOT and other Stakeholders.</li><li>▪ Finalized Change Order No. 1 – detour traffic from Dicker Road between 23rd St and 10th St</li><li>▪ Coordinated correct NTP and start dates with the Contractor and Hidalgo County Precinct No. 2</li><li>▪ B2Z continues the dialogue with the Contractor on potential value engineering alternatives for construction.</li><li>▪ B2Z received cost proposal for analysis of pavement designs from TEDSI. The proposal was passed along to Precinct No. 2 for approval.</li><li>▪ After further evaluation, the permanent pavement design will not be modified, the only modifications that will be considered will be those for the detour widening (substitute caliche for limestone).</li><li>▪ City of McAllen has “informally” accepted the Contractor’s bid pricing for the installation of the 12” waterline. Formal acceptance is expected in February and will be through the formal change order process.</li></ul>	

<ul style="list-style-type: none"> <li>▪ Change Order No. 2 has been issued to the Contractor which will result in an increase to the contract amount due to errors in the bid quantities.</li> <li>▪ Conducted Commercially Useful Function (CUF) Report on DBE subcontractor GO Underground and Soil Tech Advance.</li> <li>▪ Conducted labor wage rate interviews and provided certification statements with monthly estimate.</li> </ul>	
<b>2 – Construction Management &amp; Inspection</b>	
<b>Tasks 1-9 Construction Management (During Construction)</b>	<b>4%</b>
<p><b><u>UPDATED:</u></b></p> <ul style="list-style-type: none"> <li>▪ Change Order No. 2 - B2Z has issued this CO to the Contractor which identifies two plan quantity errors involving 7x5 and 9x5 concrete reinforced boxes, RCP, and RLHPP. B2Z will continue to coordinate this CO until final TxDOT concurrence is obtained.</li> <li>▪ Change Order No. 3 – B2Z is proposing this CO for the County to consider closing Dicker Rd. from Jackson Rd to McColl Rd. This CO would result in a cost savings for the County.</li> <li>▪ B2Z continues coordinating the NOI with County.</li> <li>▪ B2Z is coordinating the “Large Construction Site Notice” with TEDSI.</li> <li>▪ B2Z continues coordinating with Earthworks for Army Corp of Engineer (ACOE) Permits</li> <li>▪ B2Z coordinated the salvaging of existing RCP and SET’s with Hidalgo County Precinct No. 2 who has hauled it off the project limits.</li> </ul>	
<b>Tasks 1-6 Construction Inspection</b>	<b>4%</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> <li>▪ 23<sup>rd</sup> St. to 10<sup>th</sup> St. <ul style="list-style-type: none"> <li>○ Earthworks installed temporary silt fence, rock filter dams as shown on the project’s SW3P plan.</li> <li>○ Earthworks milled off all existing asphalt and delivered it to the Precinct Operations facility.</li> </ul> </li> </ul>	

<ul style="list-style-type: none"> <li>○ Earthworks salvaged the existing base material and it is stockpiled on their staging yard.</li> <li>○ Earthworks has begun liming operations on subgrade.</li> <li>○ Underground subcontractor GO has installed the drainage truck lines, laterals, and inlets.</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>20%</b>
<p><b><u>UPDATED:</u></b></p> <p>B2Z is coordinating the action for adjusting conflicting utilities that will impact the proposed construction.</p> <ul style="list-style-type: none"> <li>▪ B2Z contacted AT&amp;T Engineer, Joe Cantu, to coordinate the elevation of the existing utilities between 23<sup>rd</sup> St. and 10<sup>th</sup> St.</li> <li>▪ B2Z is coordinating the relocation of the MVEC power pole on the NE corner of Jackson and Dicker Roads.</li> <li>▪ B2Z continues to work with Precinct No. 2, MPU, and City of Hidalgo to finalize the 12” waterline change order.</li> <li>▪ B2Z coordinated vehicle removal efforts with Precinct 2 staff and Constable’s office.</li> <li>▪ B2Z has been in contact with the City of Hidalgo concerning minimizing traffic inconveniences during the City’s Annual BorderFest the first week of March.</li> </ul>	
<b>4 – Direct Expenses (Mileage)</b>	<b>6%</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>6%</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> <li>▪ MD Curve obtained on untreated backfill material. Both density and moisture tests conducted have all passed.</li> <li>▪ Sample of salvage base material for MD curve.</li> <li>▪ Sample of lime has been obtained for verification testing.</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

PO TYPE:

VENDOR: 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

SPECIAL INSTRUCTIONS:

**VENDOR NOTES**

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
4. 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.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		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.		
1.00	LOT	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	20,978.6600	20,978.66
		<b>TOTAL:</b>		20,978.66
		0 ***** For Hidalgo County use only 9-1315-431-00-122-062-0-721		20,978.66

**SCANNED**  
AUG 27 2019

Authorized by:

*Martha L Salazar*