



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

Invoice

Date	Invoice #
10/1/2019	20178

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-18-164-11-20  
 Work Authorization #1  
 Pct 2 Regional Linear Park - Phase II

B2Z JOB: 2113  
 PO #: 790326

Billing Period September 2019 ✓

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
<b>Construction Contract Administration</b>	\$ 93,019.36 ✓	\$ 43,719.10 ✓	\$ 2,790.58 ✓	\$ 46,509.68 ✓	50%	46,509.68
<b>Construction Management &amp; Inspection</b>						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 73,126.20 ✓	\$ 29,981.74 ✓	\$ 6,581.36 ✓	\$ 36,563.10 ✓	50%	36,563.10
Tasks 1-6 - Construction Inspection	\$ 462,804.16 ✓	\$ 189,749.71 ✓	\$ 41,652.37 ✓	\$ 231,402.08 ✓	50%	231,402.08
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 13,807.36 ✓	\$ -	\$ -	\$ -	0%	13,807.36
<b>Miscellaneous Technical Activities</b>	\$ 40,340.16 ✓	\$ 21,380.28 ✓	\$ 2,823.82 ✓	\$ 24,204.10 ✓	60%	16,136.06
<b>Direct Expenses</b>						
CMT	\$ 142,726.32 ✓	\$ 81,354.00 ✓	\$ 7,136.32 ✓	\$ 88,490.32 ✓	62%	54,236.00
Mileage	\$ 12,208.00 ✓	\$ 5,005.28 ✓	\$ 488.32 ✓	\$ 5,493.60 ✓	45%	6,714.40
	<u>838,031.56</u>	<u>371,190.11</u>	<u>61,472.77</u>	<u>432,662.88</u>		<u>405,368.68</u>
<b>Hidalgo County Precinct 2</b>			<b>Total For This Billing Period</b>			<b>✓\$61,472.77</b>

Please process this invoice/credit memo from this copy due to vendor not submitting original.



**Work Authorization ~ Summary**

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$838,031.56 ✓	\$371,190.11 ✓	51.63%	\$405,368.68 ✓

$\$61,472.77 \times 20\% = \$12,294.55$  obj. 740

$\$61,472.77 \times 80\% = \$49,178.22$

*Aisha Gonzalez*  
 Aisha Gonzalez - President

INVOICE RECEIVED BY:

Erika Zamora ON 10/02/19

GOODS/SERVICES RECEIVED BY:

Eduardo Cantu ON 09/01-30/19

PO # 790326  
 9 -1315-126-10-000-005-0-000  
 Req # 383903  
 \$49,178.22

PO # 790326  
 9 -1315-452-00-122-110-8-740  
 Req # 383903  
 \$12,294.55

October 1, 2019

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

**RE: Professional Engineering Services (C-18-164-11-20)  
 WA No. 1 ~ Pct. 2 Regional Linear Park Project – Phase II  
 PO #790326**

Dear Commissioner Cantu:

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

The following is attached:

- Invoice No. 20178

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

TASK	% Complete
<b>1 - Construction Contract Administration</b>	<b>50%</b>
<p><b>UPDATED:</b>            B2Z conducted their monthly project status meeting on September 23, 2019 at the Hidalgo County Precinct No. 2 offices. Attendees included representatives from B2Z Staff, Hidalgo County Precinct No. 2, including Commissioner Cantu, RPIC and staff.</p> <p>For the month of September, the project was 45% complete for construction (excluding materials-on-hand) and 33% complete for time.</p> <p>B2Z continues to monitor the County’s construction expenditures versus the refundable and available funds within the advanced funding agreement (AFA).</p> <p>B2Z is resolving a conflict change order (CO) with a City of Pharr 18” water line at the Cage Blvd. pedestrian crossing. This utility is no longer in conflict but is still pending the concrete thrust blocks that, by the agreement of the CO, the City of Pharr would complete for Texas Cordia. Texas Cordia cannot proceed or complete the trail until thrust blocks are in place, minimizing the risk of the water line not being secured or completed as Change Ordered. B2Z continues to work</p>	

<p>with the City of Pharr to complete the construction of the pedestrian tunnel wingwalls, approach, riprap, railing and lighting on the east side of Cage Blvd.</p> <p>B2Z continues to update the CPM schedule.</p> <p>The Sourcing Letter is complete.</p>	
<p><b>2 – Construction Management &amp; Inspection</b></p>	
<p><b>Tasks 1-9 Construction Management (During Construction)</b></p>	<p><b>50%</b></p>
<p><b><u>UPDATED:</u></b></p> <p>B2Z performed a 30% in house Audit, using the “Interim Project Review Checklist” conducted in July 2019 on the project’s contract records. The findings below previously identified have been addressed:</p> <ul style="list-style-type: none"> <li>➤ TCC’s Safety Officer, Mr. Roy Chapa has been certified by University of Texas Arlington as a Trainer for Flaggers who is an approved TxDOT training entity.</li> <li>➤ TTC’s certified Trainer for Flaggers, Mr. Roy Chapa is pending training TCC’s employees and submitting TCC employee’s flagger certification for our project files.</li> <li>➤ DBE Subcontractor Approval Request for Guerra Construction has been approved by the County and received concurrence from TxDOT.</li> <li>➤ DBE Subcontractor Approval Request for Valley Striping has been approved by the County and received concurrence from TxDOT.</li> </ul> <p>B2Z will continue performing a 60% and 90% self-audit using the Project Checklist until all work is complete.</p> <p><b><u>RFI’s:</u></b></p> <ul style="list-style-type: none"> <li>➤ RFI # 1-10 have been addressed and completed</li> <li>➤ RFI #11 – Pending – Requesting review of DS #L=J1 &amp; L-J2 locations vs. existing overhead power lines in conflict. Recommendation: Relocate to the DS luminaire to inside of the trail.</li> </ul> <p><b><u>Submittals:</u></b></p> <ul style="list-style-type: none"> <li>➤ Submittal #1 – #16 – B2Z Approved and Completed</li> </ul>	

**Change Orders:**

Project Change Orders (CO) #1 - #7 have been approved and listed on the previous progress report.

CO #8 is pending - Additional riprap at Cage Blvd., Moore Road and Ridge Road. The riprap is required to eliminate erosion at each tunnel approach caused by fast flowing, rising waters during heavy rainfall events. The additional locations were identified and discussed at the Hidalgo County Pct. No. 2 monthly status meeting. The quantities were approved by Commissioner Cantu. B2Z is currently in negotiation talks with TCC to continue using the original price for the additional riprap quantities. TCC has not signed the change order.

B2Z prepared the monthly estimate, pay applications, summary of contractor's tabulations, prompt payment report, DBE monthly reports, certified payrolls, Labor Wage Rate interview, CUF Report and summary of work performed. This monthly estimate will be finalized and provided to Hidalgo County Precinct No. 2 for their review and approval. B2Z will schedule the monthly status update meeting with Precinct No. 2 staff the second week of October 2019.

**Tasks 1-6 Construction Inspection**

**50%**

**UPDATED:**

B2Z's field superintendent conducted onsite inspections to document construction activities in the daily project diary including but not limited to:

- contractor and subcontractor workers
- equipment
- materials
- work locations
- type of work
- general weather conditions
- contractor safety
- job progress and delays
- construction concerns
- change orders
- alignment verifications
- ROW verifications
- drainage verifications
- utility coordination
- project visitors
- material deliveries and material on hand

B2Z documented all inspection findings in digital format via daily journal with photographic backup. In addition, B2Z continuously inspects storm water pollution

<p>control devices and best management practices, as well as compliance with environmental permit and commitment requirements for the project.</p> <p>TCC continues to progress on the project. Below are some of the major work activities completed this month</p> <ol style="list-style-type: none"> <li>1. 90% of the riprap on the south side of Ridge Rd. has been completed.</li> <li>2. The pedestrian tunnel's apron and wingwall on the north side of Ridge Road are being formed and the steel is being installed and tied.</li> <li>3. Change Order #5 (Type C inlets &amp; 18" RCP) work has been completed.</li> <li>4. Metal Beam Guard Fence (MBGF), Downstream Anchor Terminal (D.A.T.) and Guardrail End Treatment (G.E.T.) have been installed and completed on Bus 281 (Cage Blvd.).</li> <li>5. 86% of the plan quantity - 2" electrical conduit (PVC) has been installed.</li> </ol> <p>B2Z continues to coordinate with Engineer of Record (L&amp;G Engineering) for Shop Drawing Review, RFI's and submittal responses.</p> <p>B2Z continues to produce daily pay sheets, assure specification compliance of materials delivered to the job site (Including the Buy America Act), maintain job safety measures and implement OSHA requirements, and conduction day/night inspection of barricades.</p>	
<p><b>Tasks 1-3 Construction Management (Post Construction)</b></p>	<p><b>0%</b></p>
<p><b><u>NO UPDATE:</u></b> <i>This task has not begun.</i></p>	
<p><b>3 – Miscellaneous Technical Activities</b></p>	<p><b>60%</b></p>
<p><b><u>UPDATED:</u></b>  B2Z continues to coordinate the utility adjustment on the City of Pharr's 18" water line on the east side of Cage Blvd. on the pedestrian crossing.</p> <p>B2Z will continue requesting updated information for the Gun Range.</p> <p>B2Z provided the landscaping and irrigation plans for the Project as requested by the County.</p>	
<p><b>4 – Direct Expenses</b></p>	<p><b>B2Z</b></p>
<p><b>Material Testing</b></p>	<p><b>62%</b></p>
<p><b><u>UPDATED:</u></b>  As the project develops, B2Z continues to gather base material samples (Caliche) for testing and material approval, to gather soil samples from the project to develop</p>	

<p>testing requirements for determining on site densities on the untreated and lime treatment sections.</p> <p>B2Z continues to use the nuclear density gauge to measure the preparation and compaction of soils and base. B2Z continues to monitor contractor operations and performs CMT testing on the following items:</p> <ul style="list-style-type: none"> <li>▪ Embankment</li> <li>▪ Backfill Material &amp; Compaction (at box culvert crossings)</li> <li>▪ Subgrade (Untreated)</li> <li>▪ Subgrade (Lime treated)</li> <li>▪ Flexible Base – untreated</li> <li>▪ Flexible Base – lime treated</li> <li>▪ Hydraulic Cement Concrete – Signal &amp; Pedestrian rail foundation (Class C)</li> <li>▪ Hydraulic Cement Concrete – Riprap/curb/sidewalks (Class A)</li> </ul>	
<p><b>Mileage</b></p>	<p><b>45%</b></p>
<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 job-site inspections - daily</li> <li>▪ Project Manager site visits – 2/week</li> <li>▪ Utility Coordination meetings – Kinder Morgan Gas</li> <li>▪ Monthly Hidalgo County Precinct No. 2 Status update meeting</li> <li>▪ Irrigation District Meetings</li> <li>▪ City of Pharr Meetings – Ridge Road pending permanent adjustment on 8” sanitary sewer gravity line and pending 18” water line adjustment on the east side of Cage Blvd.</li> <li>▪ Public outreach (complaint resolution)</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# 790326

DATE: 12/21/18

PAGE NO: 1 Of 1

PO TYPE:

VENDOR: 449121

REQ: 00383903

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-18-164-11-20

**SPECIAL INSTRUCTIONS:**

**VENDOR NOTES**

- Do not add to, or alter this Purchase Order. This Order is not renewable.
- TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
- This 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
		DO NOT DUPLICATE ORDER		
		C-18-164-11-20 EXPIRES 12/31/2023 CONSTRUCTION CONTRACT ADMINISTRATION, MANAGEMENT, INSPECTION AND CONSTRUCTION MATERIAL TESTING SERVICES WORK AUTHORIZATION NO. 1 APPROVED BY CC 11/20/18 AI#67767  ADVANCE FUNDING AGREEMENT AMENDMENT NO. 1 APPROVED BY CC 7/3/18 AI#65495  TOTAL WORK AUTH NO. 1 IS FOR \$838,031.56 AS PER AFA TXDOT PORTION IS 80% 670,425.25 AND COUNTY PORTION IS 20% \$167,606.31.		
1.00	LOT	CC WORK AUTHORIZATION NO. 1 FOR ENGINEER TO PROVIDE CONSTRUCTION CONTRACT ADMINISTRATION, CONSTRUCTION MANAGEMENT & INSPECTION, CONSTRUCTION MATERIAL TESTING AND MISCELLANEOUS TECHNICAL ACTIVITIES FOR THE PCT 2 REGIONAL LINEAR PARK PROJECT - PHASE II	167,606.3100	167,606.31
		<b>TOTAL:</b>		167,606.31
		***** For Hidalgo County use only #-1315-452-00-122-110-8-740		167,606.31

HIDALGO COUNTY  
PRECINCT NO. 2

2018 DEC 27 PM 3:00

**SCANNED**

12/28/18

Authorized by: \_\_\_\_\_

*Martha Salazar*