



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

PO # 790324
9-1315-452-00-122-110-8-740
 Req # 383903
 \$ 9,158.27

Invoice

Date	Invoice #
9/3/2019	20171

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

PO # 790324
9-1315-124-10-000-005-0-000
 Req # 383903
 \$ 36,633.09

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 August 2019

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 93,019.36	\$ 39,068.13	\$ 4,650.97	\$ 43,719.10	47%	49,300.24
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 73,126.20	\$ 26,325.43	\$ 3,656.31	\$ 29,981.74	41%	43,144.46
Tasks 1-6 - Construction Inspection	\$ 462,804.16	\$ 166,609.50	\$ 23,140.21	\$ 189,749.71	41%	273,054.45
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 13,807.36	\$ -	\$ -	\$ -	0%	13,807.36
Miscellaneous Technical Activities	\$ 40,340.16	\$ 16,942.87	\$ 4,437.41	\$ 21,380.28	53%	18,959.88
Direct Expenses						
CMT	\$ 142,726.32	\$ 72,790.42	\$ 8,563.58	\$ 81,354.00	57%	41,372.32
Mileage	\$ 12,208.00	\$ 3,662.40	\$ 1,342.88	\$ 5,005.28	41%	7,202.72
	<u>838,031.56</u>	<u>325,398.75</u>	<u>45,791.36</u>	<u>371,190.11</u>		<u>466,841.45</u>
Total For This Billing Period						\$45,791.36

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$838,031.56	\$325,398.75	44.29%	\$466,841.45

\$ 45,791.36 x 20% = \$ 9,158.27 obj. 740
 \$ 45,791.36 x 80% = \$ 36,633.09

Aisha Gonzalez - President

INVOICE RECEIVED BY: Elizabeth Alfaro ON 9/4/19
 GOODS/SERVICES RECEIVED BY: Eduardo Cantu ON 08/01-31/19

PO # 00-122-00-0
Fed # 00-122-00-0

PO # 00-122-00-0
Fed # 00-122-00-0

RECEIVED BY
DATE
RECEIVED BY
DATE

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 August 2019 on the subject referenced project.

The following is attached:

- Invoice No. 20171

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

TASK	% Complete
1 - Construction Contract Administration	47%
<p>UPDATED: B2Z conducted their monthly project status meeting on August 14, 2019 at the Hidalgo County Precinct No 2 offices. Attendees included representatives from B2Z Staff, Hidalgo County Precinct No. 2 Commissioner, RPIC and staff.</p> <p>For the month of August, the project was 41 % complete for construction (excluding materials-on-hand) and 27.5% 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). B2Z resolved a conflict change order (CO) with a City of Pharr sanitary sewer line at the Ridge Road pedestrian crossing. This utility conflict has been resolved and the pedestrian tunnel wingwalls on the east side of Ridge Road will now be constructed.</p> <p>B2Z continues to work with the contractor to complete the Sourcing Letter, and update the CPM schedule.</p>	

2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	41%
<p><u>UPDATED:</u></p> <p>B2Z continues communication with HCID#2 with regards to their irrigation canal improvement that will affect the pedestrian bridge crossing south of Ridge Rd. The proposed improvement is to raise the irrigation canal by one foot. This will impact the original elevations proposed for the pedestrian bridge. B2Z has notified the design engineer of record of the proposed change.</p> <p>B2Z conducted the 30% Audit (Interim Project Review Checklist) on the project's contract records and identified the following:</p> <ul style="list-style-type: none"> ➤ The contractors' employees Flagger Certifications are expired. B2Z has informed the contractor of this finding and is working with them to re-new this required contract requirement. ➤ B2Z is awaiting the approval of DBE Subcontractor, Exterior Designs from the County. <p><u>RFI's:</u></p> <ul style="list-style-type: none"> ➤ RFI #1 through RFI #10 have been addressed. <p><u>Submittals:</u></p> <ul style="list-style-type: none"> ➤ Submittal #1 – Submittal #16 – B2Z Approved and Completed <p><u>Change Orders:</u></p> <p>Project Change Orders (CO) numbers three through number seven were approved by Hidalgo County Commissioners Court on August 27th, 2019. These CO's were for the following:</p> <ul style="list-style-type: none"> ➤ CO #3 – This CO relocates the conduit, wire, drilled shafts and illumination poles to the opposite side of the trail due to an easement conflict. This CO is in the amount of \$11,080.00. ➤ CO #4 – This CO is to pay for the removal of an existing 16" irrigation line and replaces it with a 15" PVC pipe and collars on the south side of Moore Road. This CO is in the amount of \$14,876.12. ➤ CO #5 – This CO is to provide drainage for locations that are ponding water on private properties. This CO is in the amount of \$33,021.60. ➤ CO #6 – This CO is to relocate an existing 18" water line pipe that conflicts with the completion of the wingwall of the pedestrian 	

<p>crossing on the east side of Cage Blvd. This CO is in the amount of \$8,657.61.</p> <p>➤ CO #7 – This CO is to pay for the temporary relocation of an existing 8” sanitary sewer gravity line inside a steel casing through the proposed 12’ X 8’ RCB pedestrian tunnel crossing under Ridge Road. This CO is in the amount of \$11,867.85.</p> <p>The total amount for CO #3 – CO #7 is \$79,503.18.</p> <p>Pending Change Order #8 – This CO is for additional riprap required to eliminate erosion caused by rising waters due to heavy rainfall events. These additional riprap locations were discussed at the monthly status meeting and they were approved by Commissioner Cantu.</p> <p>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 September 2019.</p>	
<p>Tasks 1-6 Construction Inspection</p>	<p>41%</p>
<p><u>UPDATED:</u></p> <p>B2Z’s field superintendent conducted onsite inspections to document construction activities in the daily project diary including but not limited to:</p> <ul style="list-style-type: none"> ▪ 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 	

<p>B2Z documented all inspection findings in digital format via daily journal with photographic backup. In addition, B2Z continuously inspects storm water pollution 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"> 1. 40% of the riprap at the Cage Rd. Crossing has been completed. 2. 60% of illumination pole drill shafts have been completed. 3. 70% of the electrical pull boxes have been completed. 4. TCC completed the installation of the Ridge Road pedestrian crossing (12' x 8' RCB). B2Z continues to coordinate with Engineer of Record (L&G Engineering) for Shop Drawing Review, RFI's and submittals. <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 including day/night inspection of barricades.</p> <p>Furthermore, B2Z's superintendent is coordinating CO #2 work items which are the installation of the four drop inlets and 18" RCP laterals along the east and west side of the trail from Ridge Road south to the HCID #2 Irrigation canal to provide drainage for locations that are ponding water on private properties.</p>	
<p>Tasks 1-3 Construction Management (Post Construction)</p>	<p>0%</p>
<p><u>NO UPDATE:</u> <i>This task has not begun.</i></p>	
<p>3 – Miscellaneous Technical Activities</p>	<p>53%</p>
<p><u>UPDATED:</u> 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. This adjustment will facilitate the construction of the 12' X 8' RCB wingwalls.</p>	
<p>4 – Direct Expenses</p>	<p>B2Z</p>
<p>Material Testing</p>	<p>57%</p>
<p><u>UPDATED:</u> 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 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"> ▪ Embankment ▪ Backfill Material & Compaction (at box culvert crossings) ▪ Subgrade (Untreated) ▪ Subgrade (Lime treated) ▪ Flexible Base – untreated ▪ Flexible Base – lime treated ▪ Hydraulic Cement Concrete – Signal & Pedestrian rail foundation (Class C) ▪ Hydraulic Cement Concrete – Riprap/curb/sidewalks (Class A) 	
<p>Mileage</p>	<p>41%</p>
<p><u>UPDATED:</u></p> <p>B2Z has conducted the following activities that required vehicle travel:</p> <ul style="list-style-type: none"> ▪ Superintendent job-site inspections - daily ▪ Project Manager site visits – 2/week ▪ Utility Coordination meetings – Kinder Morgan Gas ▪ Monthly Hidalgo County Precinct No. 2 Status update meeting ▪ Irrigation District Meetings ▪ 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. ▪ Public outreach (complaint resolution) 	

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

Sincerely,

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

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. Our 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		
		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
		TOTAL:		167,606.31
		***** For Hidalgo County use only 8-1315-452-00-122-110-8-740		167,606.31

HIDALGO COUNTY
PRECINCT NO. 2

2018 DEC 27 PM 3:00

SCANNED

12/25/18

Authorized by: Martha Salazar