



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

PO # 790326
9 -1315-126-10-000-005-0-000
Req # 383903
\$ 33,696.10

Invoice

Date	Invoice #
5/1/2019	20148

PO # 790326
9 -1315-452-00-122-110-8-740
Req # 383903
\$ 8,424.02

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 April 2019

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
Construction Contract Administration	\$ 93,019.36	\$ 26,975.61	\$ -	\$ 26,975.61	29% <u>66,043.75</u>
Construction Management & Inspection					
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 73,126.20	\$ 3,656.31	\$ 3,656.31	\$ 7,312.62	10% <u>65,813.58</u>
Tasks 1-6 - Construction Inspection	\$ 462,804.16	\$ 23,140.21	\$ 23,140.21	\$ 46,280.42	10% <u>416,523.74</u>
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 13,807.36	\$ -	\$ -	\$ -	0% <u>13,807.36</u>
Miscellaneous Technical Activities	\$ 40,340.16	\$ 6,051.02	\$ 806.81	\$ 6,857.83	17% <u>33,482.33</u>
Direct Expenses					
CMT	\$ 142,726.32	\$ 21,408.95	\$ 14,272.63	\$ 35,681.58	25% <u>107,044.74</u>
Mileage	\$ 12,208.00	\$ 2,685.76	\$ 244.16	\$ 2,929.92	24% <u>9,278.08</u>
	<u>838,031.56</u>	<u>83,917.86</u>	<u>42,120.12</u>	<u>126,037.98</u>	<u>711,993.58</u>
Total For This Billing Period					\$42,120.12

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$838,031.56	\$83,917.86	15.04%	\$711,993.58

Aisha Gonzalez - President

INVOICE RECEIVED BY:
Esther Perez ON 05/01/19
GOODS/SERVICES RECEIVED BY:
Eduardo Carrillo ON 04/01-30/19

\$42,120.12 x 20% = \$8,424.02 obj. 740
\$42,120.12 x 80% = \$33,696.10

May 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 April 2019 on the subject referenced project.

The following is attached:

- Invoice No. 20148

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

TASK	% Complete
1 - Construction Contract Administration	
UPDATED: There is no update on this task.	29%
2 – Construction Management & Inspection	B2Z
Tasks 1-9 Construction Management (During Construction)	
UPDATED: Texas Cordia mobilized on March 5, 2019 and established the Traffic Control on Cage Road, Moore Road and Ridge Road. Time charges commence 10 days after issuance of the Notice-to-Proceed on March 16, 2019. Construction started at Hall Acres and has proceeded to Moore Road completing excavation, embankment, caliche, lime treatment, conduit and riprap throughout. Texas Cordia completed the first month of work, completing 6% of construction within 2% of time used. Shop drawings for two pedestrian bridge crossings and three underground tunnel crossing have been approved & ordered. There are the five major construction locations that disconnect the project until completed. The Moore Road tunnel is the first scheduled for June 2019, and is	

<p>proposed to be completed over a weekend in a single phase. Cage Blvd (US 281) and Ridge Roads carry much heavier traffic making a weekend planned crossing difficult. Traffic Control Plan (TCP) revisions have been proposed for Cage Blvd and Ridge Roads by splitting construction into two phases. The pedestrian bridges take longer to fabricate, inspect and be delivered.</p> <p>B2Z continues to coordinate all utilities relocation around the three pedestrian tunnels. B2Z has received 8 RFI's and 9 Submittals from the Contractor as indicated below with their respective status.</p> <p><u>RFI's</u></p> <ol style="list-style-type: none"> 1. RFI #1 clarification for Electrical Service #2. Completed 2. RFI #2 clarification for the 100-year flood. Completed 3. RFI #3 clarification responsibility of payment for Bird Survey. Completed 4. RFI #4 clarification for existing pipe not included with plans. Completed 5. RFI #5 clarification for cross sections and typical not matching. Completed 6. RFI #6 clarification for Rem 15" CMP(Collapsed) w/ 18" RCP Completed 7. RFI #7 clarification for Verify electrical tilt quantity Pending 8. RFI #7 clarification for Remove concrete rubble Completed <p><u>Submittals</u></p> <ol style="list-style-type: none"> 1. Sub #1 & 1R Approvals of Luminaire poles & Lights – Resubmit/Approved 2. Sub #2 Approvals of Tunnel Box Culverts - Approved 3. Sub #3 Approvals of Reinforced Concrete Pipe - Approved 4. Sub #4 Approvals of Lime & Source - Approved 5. Sub #5 Approvals of Concrete Mix Designs (5 Designs) – Resubmit/Pend 6. Sub #6 Approvals of Flexbase Material & Source - Approved 7. Sub #7 Approvals of Tunnel Lights, Services and Trail Lights - Approved 8. Sub #8 Approvals of Truss Bridges - Approved 9. Sub #9 & 9R Approvals of JIII Concrete Designs (1 Design) – Approved <p>B2Z prepared the monthly estimate, pay applications, summary of contractor's tabulations, prompt payment report, DBE monthly reports, certified payrolls and summary of work performed. This monthly estimate will be finalized and provided to Hidalgo County Precinct No. 2 for their review and approval.</p>	<p>10%</p>
<p>Tasks 1-6 Construction Inspection</p>	
<p><u>UPDATED:</u> 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 	<p>10%</p>

<ul style="list-style-type: none"> ▪ 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>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 with the property owners on construction inconvenience.</p>	
<p>Tasks 1-3 Construction Management (Post Construction)</p>	
<p><u>NO UPDATE:</u> <i>This task has not begun.</i></p>	
<p>3 – Miscellaneous Technical Activities</p>	<p>B2Z</p>
<p><u>UPDATED:</u> Coordination w/ Engineer of Record (L&G) for Shop Drawing Review as Appropriate. B2Z received the shop drawings for prefabricated concrete box culverts, prefabricated bridges, electrical poles, lights and wiring. Coordination w/ County RPIC and City of Pharr personnel on relocation of gun range. The B2Z team continues coordination and on-site field meetings with AEP, Texas Gas and the Kinder Morgan Gas Company to identify utility conflicts and areas to work once construction starts. Coordination w/ County RPIC, Project Contractor & City of Pharr personnel on relocation of conflicting sanitary sewer lines & municipal water lines with the tunnel crossings at Cage Blvd., Moore Road and Ridge Road. Monthly Reporting/Meetings/Presentation to Hidalgo County Commissioners Court & HCMPO.</p>	<p>17%</p>
<p>4 – Direct Expenses</p>	<p>B2Z</p>
<p>Material Testing</p>	
<p><u>UPDATED:</u> Approved the Class A concrete mix designs from JIII. CEMEX is still pending design approvals for not meeting material specification requirements. Gathering</p>	<p>25%</p>

<p>base material samples (Caliche) for testing and material approval. Gathering soils samples from the project to develop testing requirements for determining on site densities on the untreated and lime treatment sections. B2Z used the nuclear density gauge to measure the preparation and compaction of soils and base. B2Z continues to monitor contractor operations to performed CMT testing on the following items:</p> <ul style="list-style-type: none"> ▪ Embankment ▪ 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><u>UPDATED:</u> 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 ▪ Various project meetings ▪ Monthly Hidalgo County Precinct No. 2 Status update meeting ▪ TxDOT as needed 	<p>24%</p>

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. 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		
		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 1315-452-00-122-110-8-740	167,606.31	

HIDALGO COUNTY
PRECINCT NO. 2

2018 DEC 27 PM 3:00

SCANNED
12/29/18

Authorized by: Martha L Salazar