



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

PO # 790326
9 - 1315-126 - 10-000 - 005 - 0-000
Req # 383903

\$ 51,250.99

Invoice

Date	Invoice #
6/3/2019	20155

PO # 790326
9 - 1315-452 - 00-122 - 110 - 8-740
Req # 383903

\$ 12,812.75

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 May 2019

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	<i>BCL</i>
Construction Contract Administration	\$ 93,019.36	\$ 26,975.61	\$ 4,650.97	\$ 31,626.58	34%	61,392.78
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 73,126.20	\$ 7,312.62	\$ 7,312.62	\$ 14,625.24	20%	58,500.96
Tasks 1-6 - Construction Inspection	\$ 462,804.16	\$ 46,280.42	\$ 37,024.33	\$ 83,304.75	18%	379,499.41
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 13,807.36	\$ -	\$ -	\$ -	0%	13,807.36
Miscellaneous Technical Activities	\$ 40,340.16	\$ 6,857.83	\$ 4,840.82	\$ 11,698.65	29%	28,641.51
Direct Expenses						
CMT	\$ 142,726.32	\$ 35,681.58	\$ 9,990.84	\$ 45,672.42	32%	97,053.90
Mileage	\$ 12,208.00	\$ 2,929.92	\$ 244.16	\$ 3,174.08	26%	9,033.92
	<u>838,031.56</u>	<u>126,037.98</u>	<u>64,063.74</u>	<u>190,101.72</u>		<u>447,929.84</u>
Total For This Billing Period					\$64,063.74	

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$838,031.56	\$126,037.98	22.68%	\$647,929.84

Aisha Gonzalez - President

INVOICE RECEIVED BY:
Erika Zamora ON 06/04/19
GOODS/SERVICES RECEIVED BY:
Eduardo Cantu ON 05/01-31/19

\$ 64,063.74 x 20% = \$ 12,812.75 obj. 740
\$ 64,063.74 x 80% = \$ 51,250.99

EA-6/5/19

June 3, 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 May 2019 on the subject referenced project.

The following is attached:

- Invoice No. 20155

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

TASK	% Complete
1 - Construction Contract Administration	
<p>UPDATED: B2Z conducted their monthly project status meeting on May 16, 2019 at the Hidalgo County Precinct No 2 offices. Attendees included representatives from B2Z, Hidalgo County Precinct No. 2 RPIC and Hidalgo County Precinct No. 2 staff. For the month of April, the project was 15.07 % complete for construction (excluding materials-on-hand) and 7.25% complete for time. B2Z estimates that the project will be near 22% complete for the month of the May.</p> <p>B2Z continues to monitor the County’s construction expenditures versus the refundable and available funds within the advanced funding agreement (AFA). B2Z identified a required change order with a storm sewer utility conflict at the Cage Blvd. tunnel crossing. B2Z continues to work with contractor to complete the Sourcing Letter, revise the CPM schedule and manage request for information, submittals, and for approval of change orders. We continuously monitor the utility conflicts and the status of their adjustments to plan tunnel crossings without delaying work or interfering with the traveling public any longer than necessary. The Moore Road crossing was completed May 24, 2019 and the Cage Blvd. crossing is planned for June 6, 2019.</p>	<p>34%</p>

<p>2 – Construction Management & Inspection</p>	<p>B2Z</p>
<p>Tasks 1-9 Construction Management (During Construction)</p>	
<p>UPDATED: 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 second month of work (April), completing 15% of construction within roughly 7% of time used. Shop drawings for two pedestrian bridge crossings and three underground tunnel crossing have been approved & ordered.</p> <p>There are the five major construction locations that disconnect the project until completed. Of the three major tunnel crossings, the Moore Road tunnel crossing has been completed ahead of schedule, and the Cage Blvd crossing is scheduled for June 2019. Traffic Control Plan (TCP) revisions have been proposed for Cage Blvd and Ridge Roads by splitting construction into two phases. This TCP will allow more time to complete the tunnel work required and alleviate traffic congestion on these corridors.</p> <p>B2Z continues to coordinate all utility relocation around the two remaining pedestrian tunnels. B2Z has received eight RFI's total (zero this month) and thirteen submittals total (five this month) from the Contractor as indicated below with their respective status.</p> <p>RFI's – there are no new RFI's for this period:</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 Completed 8. RFI #8 clarification for Remove concrete rubble Completed <p>Submittals</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 JII Concrete design - Approved 10. Sub #10 PR11 Railing – Approved 11. Sub #11 Frontera Hot Mix – Pending 12. Sub #12 Alamo Concrete Designs (1 Design) – Approved 13. Sub #13 TCP Cage Blvd – Pending 	

20%

<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. B2Z will schedule the monthly status update meeting with Precinct No. 2 staff the second week of June 2019.</p>	
<p>Tasks 1-6 Construction Inspection</p>	
<p>UPDATED: 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>Texas Cordia started construction at Hall Acres and continues to work on the project up to the Ridge Road limit. Major activities complete this month include:</p> <ul style="list-style-type: none"> ▪ Riprap along canal north of Pct#2 administration building ▪ Box culvert delivery for Moore Rd Crossing ▪ Box culvert installation under Moore Rd ▪ City of Pharr Utility adjustments at Moore Rd <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>18%</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> The B2Z team successfully coordinated all City of Pharr utility relocations for the Moore Rd tunnel crossing. In addition, B2Z worked with the City of Pharr and their utility contractor to ensure access/egress to neighborhoods adjacent to the tunnel crossing site during installation.</p> <p>B2Z will continue to conduct on-site field meetings with AEP, Texas Gas and the Kinder Morgan Gas Company to identify and relocate utility conflicts to avoid any construction delays.</p> <p>B2Z continues to coordinate with Engineer of Record (L&G Engineering) for Shop Drawing Review.</p>	<p>29%</p>
<p>4 – Direct Expenses</p>	<p>B2Z</p>
<p>Material Testing</p>	
<p><u>UPDATED:</u> CEMEX is still pending design approvals for not meeting material specification requirements, this has been on-going since last month.</p> <p>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. B2Z continues to use 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>32%</p>
<p>Mileage</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▪ Contractor meeting – 1/month▪ Various project meetings▪ Monthly Hidalgo County Precinct No. 2 Status update meeting▪ TxDOT as needed	<p>26%</p>
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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 8-1315-452-00-122-110-8-740		167,606.31

HIDALGO COUNTY
PRECINCT NO. 2

2018 DEC 27 PM 3:00

SCANNED

12/29/18

Authorized by: Martha L Salazar