



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

PO # 803856

0-1200-431-00-122-062-0-841

Req # 400015

\$ 2,750.27

Invoice

Date	Invoice #
2/1/2021	20280

Please send remittance with copy of invoice to:

Attn: Mrs. Aisha Gonzalez
P.O. Box 2724
McAllen, Tx. 78502

Project Info:

Hidalgo County Precinct #2
Contract # C-19-016-08-13
Work Authorization #1
Dicker Road

B2Z JOB: 2302
PO # 803856

Bill To:
Hidalgo County Precinct #2
300 West Hall Acres, Suite G
Pharr, TX 78577

PO # 803856
1-1315-431-00-122-062-0-721
Req # 400015

\$ 920.18
pay direct

RECEIVED FEB 01 2021
eg

Billing Period January 2021

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46	\$ 61,303.07	\$ 4,865.32	\$ 66,168.39	68%	31,138.07
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 126,576.02	\$ 79,742.89	\$ 6,328.80	\$ 86,071.69	68%	40,504.33
Tasks 1-6 - Construction Inspection	\$ 523,745.88	\$ 329,959.90	\$ 26,187.30	\$ 356,147.20	68%	167,598.68
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 9,886.64	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50	\$ 40,608.87	\$ 3,222.92	\$ 43,831.79	68%	20,626.71
Direct Expenses						
Mileage	\$ 10,569.42	\$ 6,658.73	\$ 528.48	\$ 7,187.21	68%	3,382.21
CMT	\$ 332,938.60	\$ 216,410.09	\$ 9,988.16	\$ 226,398.25	68%	106,540.35
Supplemental #2 to Work Authorization #1	<u>1,165,481.52</u>	<u>724,683.55</u>	<u>51,120.98</u>	<u>785,804.53</u>		<u>379,676.99</u>
Construction Contract Administration	\$ 20,177.80	\$ 19,168.91	\$ 403.56	\$ 19,572.47	97%	605.33
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 8,165.74	\$ 7,757.45	\$ 163.32	\$ 7,920.77	97%	244.97
Tasks 1-6 - Construction Inspection	\$ 22,401.42	\$ 21,281.35	\$ 448.03	\$ 21,729.38	97%	672.04
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 1,750.74	\$ 875.37	\$ -	\$ 875.37	50%	875.37
Miscellaneous Technical Activities	\$ 3,399.65	\$ 3,229.67	\$ 67.99	\$ 3,297.66	97%	101.99
Direct Expenses						
Mileage	\$ 1,170.00	\$ 1,111.50	\$ 23.40	\$ 1,134.90	97%	35.10
CMT	\$ 32,879.40	\$ 31,235.43	\$ 1,643.97	\$ 32,879.40	100%	0
	<u>89,944.75</u>	<u>84,659.48</u>	<u>2,750.27</u>	<u>87,409.75</u>		<u>2,534.80</u>
Total For This Billing Period						\$53,871.25

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$1,255,426.27	\$819,343.23	69.56%	\$382,211.79

Aisha Gonzalez
Aisha Gonzalez - President

INVOICE RECEIVED BY:

Jupitagarza ON 2/1/21

GOODS/SERVICES RECEIVED BY:

Eddie Cantu ON 01/01-31/21

\$ 51,120.98 x 1.8% = \$ 920.18
\$ 51,120.98 x 18.2% = \$ 9,304.02
\$ 51,120.98 x 80% = \$ 40,896.78

PO # N/A
Req # N/A
1 - 1315-126-20-122-018-0-000 \$ 9,304.02
PO # N/A
Req # N/A
1 - 1315-126-10-122-008-0-000 \$ 40,896.78

February 1, 2021

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 2021 on the subject referenced project.

The following is attached:

- Invoice No. 20280 ✓

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

TASK	% Complete
1 - Construction Contract Administration	68%
<p>UPDATED: B2Z conducted the last informal status meeting with Precinct #2 on December 16th, 2020 via teleconference to discuss status of the project with respect to project completion, time charges, subcontractor's performance, changes in plans, plan errors, residential concerns, and a few comments from the Drainage District on Dicker Road.</p> <p>The attendees of the status meeting included Armando Garza (RPIC) and Erika Zamora. The B2Z staff included Saul Muñoz and Stanley Ramos. B2Z continues maintaining daily communication with Precinct #2 personnel to discuss contractors progress, the project controls, the material control, and the few plan errors that were adjusted in CO #7. The major topic of discussion was the final approval of change order #7, to initiate the third major traffic control modification that closes Dicker Road to traffic between 10th Street and McColl Avenue. The traffic control changes close Dicker Road to detour traffic around construction. This eliminates traffic, traffic phasing and signal modifications to reduce construction cost. It allows for full width construction and accelerates the project completion.</p>	

2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	68%
<p><u>UPDATED:</u> B2Z is currently reviewing invoices and processing pay estimates for the month of January.</p> <p>Earthworks initiated the CO #7, and the traffic control plan to close Dicker Road on January 11th. They also open east end of Dicker Road from McColl Road to Jackson Road the week before to minimize confusion and allow traffic to adjust to the changes. The segment was opened to traffic without problems.</p> <p>B2Z coordinated the new striping and signing subcontractor approvals with the County.</p> <p>B2Z continues to implement the Quality Assurance Plan.</p> <p>B2Z provided contractor certification statements with each monthly estimate.</p> <p>B2Z continues coordinating the Dicker Road Notice of Intent (NOI) with TECQ and the County.</p> <p>B2Z conducts regular field meetings with the Contractor and Subcontractors to coordinate daily work, schedule testing with the lab and to introduce plan or field modifications. B2Z has worked closely with Contractor and the Drainage District, McAllen Public Utility, the City of McAllen, the City of Hidalgo, and utility owner/coordinators to discuss change orders, utility adjustments, work in progress, and to eliminate the need for many formal RFI's.</p> <p>The McAllen PU waterline is complete, installed between 23rd Street & McColl Road. Carlos Gonzalez and Erica Gomez with McAllen PU reconcile the remaining funds and would like to extend the line a little further. They have asked to extend the waterlines another 520 ft. at the Main Canal, and to extend another 170 ft. across McColl Avenue.</p>	

Tasks 1-6 Construction Inspection

68%

UPDATED:

- B2Z conducts daily job-site inspections and documents the construction progress in the project diary.
- B2Z prepared daily pay sheets for all work performed.
- B2Z assured that all materials delivered to and used within the project meet specifications.
- B2Z assured all safety measures are being followed for proper personal protection equipment (PPE), proper vehicular safety, proper fall protection and proper COVID-19 requirements in the field.
- B2Z assured proper trench protection by using sloped banks, using trench boxes and sheet piling to install the 7x5 RCB boxes at the Main Canal.
- B2Z assured traffic safety by verifying that the proper project barricading was in place, as established by the plans or by a change order. B2Z barricade inspections include one day and one-night inspection each month. The contractor is required to address deficiencies as soon as possible.

UPDATED:

Traffic Control: The original traffic control plan was modified to expedite the roadway construction. The revised traffic control plans closed off long segments of Dicker Road, while detouring traffic around construction. The traffic control was broken down into the three Phases below:

- Phase I – CO #1 – 100% Complete – Dicker Road has been open to traffic, substantially complete.
- Phase II – CO #5 – 100% Complete – Opened Dicker Road on December 8th, 2020 between McColl Road and Jackson Ave.
- Phase III – CO #7 – 25% Complete – Closed to Traffic December 11th, 2020 – (Closed to traffic between 10th Street and McColl Road. All traffic will be detoured to the south, while reconstruct the entire roadway.

UPDATED:

Construction between Jackson Road to McColl Road (Road Closed) include:

- November 10th, Segment of Dicker Road was completed and opened to traffic.

Construction from McColl Road to 10th Street (Road Open) includes:

- GO – Preparing for riprap above the 9' x 7' RCB at the P-SJ Main Outfall on south side of Dicker Road.
- GO – Preparing to install 7x5 RCB at the P-SJ Main Canal, both sides of Dicker Road.

<p>Construction from 23rd St. to 10th Street (Road Open) includes:</p> <ul style="list-style-type: none"> ▪ November 10th, Segment of Dicker Road was completed and opened to traffic. 	
<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>68%</p>
<p><u>UPDATED:</u> B2Z is coordinating the action to adjust conflicting utilities that will impact the proposed construction.</p> <ul style="list-style-type: none"> ▪ B2Z is working closely with Earthworks to identify an abandoned gas line to remove or leave in place, for a cost saving to the County. ▪ B2Z continues to work closely with property owners to provide information and to respond to request for information, driveways, and business complaints. ▪ B2Z continues coordinating with all stakeholders to discuss any change orders before finalizing. ▪ To plot the final waterline location and all other utilities on our final as-builts. 	
<p>4 – Direct Expenses (Mileage)</p>	<p>68%</p>
<p><u>UPDATED:</u> B2Z has conducted the following activities that required vehicle travel:</p> <ul style="list-style-type: none"> ▪ Superintendent/Inspector job-site inspections - daily ▪ Project Manager site visits – 3/week ▪ Laboratory Inspector testing– daily ▪ Earthworks Meetings – 1/week ▪ Hidalgo County Precinct No. 2 Status Meetings – 1/month ▪ McAllen PU 12” Waterline meetings – 1/week ▪ Hidalgo County Irrigation District #2 – 1/week ▪ L&G Utility Meetings – 1/week 	

4 – Direct Expenses (CMT)	68%
<p><u>UPDATED:</u></p> <ul style="list-style-type: none"> ▪ B2Z continues with concrete testing requirements for bridge elements including concrete beams, panels, piles, and steel armor joints. ▪ The B2Z Laboratory continues to monitor and verify TxDOT material producers that are approved for the project. ▪ B2Z continues to monitor TxDOT’s concrete and hot mix approved designs. Contractor is using three Companies to provide asphalt due to service ability problems. ▪ Sampled salvage and new base material for stockpiling and moisture density curve. ▪ Backfill testing of reinforced concrete pipe and concrete boxes. 	

**City of McAllen
12” Water Line
Supplemental #2 to WA#1**

TASK	% Complete
1 - Construction Contract Administration	97%
<p><u>NO UPDATE:</u></p> <p>Teleconference with Carlos Gonzalez to discuss status of the project and to introduce one change order before closing out the project. McAllen PU request modifications to the original plans to extend the line across McColl Rd. and to extend both lines as close to the Main Canal as possible. Precinct #2 and B2Z will work with McAllen PU to extend and install as much of the water line as possible before closing out the change order.</p> <p>The line currently begins at 23rd Street and is installed on the 5’ north alignment. It crosses 10th Street and stops on the west side of the Main Canal between 10th and McColl Rd. It starts up again on the east side of the Main Canal on the same 5’ alignment, 4’ deep and stopping on the west side of McColl Road Intersection.</p>	

2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	97%
<u>NO UPDATE:</u> Pending changes requested by McAllen PU.	
Tasks 1-6 Construction Inspection	97%
<u>NO UPDATE:</u> Pending changes requested by McAllen PU.	
Tasks 1-3 Construction Management (Post Construction)	50%
<u>UPDATED:</u> B2Z reconciling quantities and plan sheet modifications to initiate final quantities and a final as built set of plans.	
3 – Miscellaneous Technical Activities	97%
<u>NO UPDATE:</u> Pending changes requested by McAllen PU.	
4 – Direct Expenses (Mileage)	97%
<u>NO UPDATE:</u> Pending changes requested by McAllen PU.	
4 – Direct Expenses (CMT)	100%
<u>NO UPDATE:</u> Pending changes requested by McAllen PU.	

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

Sincerely,



Saul R. Munoz, P.E.
Dicker Road Project Manager
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

- 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		
		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
		TOTAL:		20,978.66
		***** For Hidalgo County use only 1-1315-431-00-122-062-0-721 20,978.66 1-1200-431-00-122-062-0-841 89,944.75		
		SCANNED AUG 27 2019		

Authorized by: Martha L Salazar mls