



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

Invoice

Date	Invoice #
7/1/2021	20295

PO # 803856
1 - 1315-431-00-122-062-0-721
Req # 400015
pay direct → \$604.56

PO # 803856
1 - 1200-431-00-122-062-0-841
Req # 400015
\$175.07

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-19-016-08-13
Work Authorization #1
Dicker Road

B2Z JOB: 2302
PO #: 803856 ✓

RECEIVED JUL 01 2021

Billing Period June 2021

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46 ✓	\$ 78,818.23 ✓	\$ 1,946.13 ✓	\$ 80,764.36 ✓	83%	16,542.10
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 126,576.02 ✓	\$ 102,526.58 ✓	\$ 2,531.52 ✓	\$ 105,058.10 ✓	83%	21,517.92
Tasks 1-6 - Construction Inspection	\$ 523,745.88 ✓	\$ 424,234.16 ✓	\$ 20,949.84 ✓	\$ 445,184.00 ✓	85%	78,561.88
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 9,886.64 ✓	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50 ✓	\$ 52,211.40 ✓	\$ 1,289.17 ✓	\$ 53,500.57 ✓	83%	10,957.93
Direct Expenses						
Mileage	\$ 10,569.42 ✓	\$ 8,561.23 ✓	\$ 211.39 ✓	\$ 8,772.62 ✓	83%	1,796.80
CMT	\$ 332,938.60 ✓	\$ 269,680.27 ✓	\$ 6,658.77 ✓	\$ 276,339.04 ✓	83%	56,599.56
Supplemental #2 to Work Authorization #1	<u>1,165,481.52</u>	<u>936,031.87</u>		<u>969,618.69</u>		
Construction Contract Administration	\$ 20,177.80 ✓	\$ 20,177.80 ✓	\$ -	\$ 20,177.80 ✓	100%	0
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 8,165.74 #	\$ 8,165.74 ✓	\$ -	\$ 8,165.74 ✓	100%	0
Tasks 1-6 - Construction Inspection	\$ 22,401.42 #	\$ 22,401.42 ✓	\$ -	\$ 22,401.42 ✓	100%	0
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 1,750.74 #	\$ 1,575.67 ✓	\$ 175.07 ✓	\$ 1,750.74 ✓	100%	0
Miscellaneous Technical Activities	\$ 3,399.65 #	\$ 3,399.65 ✓	\$ -	\$ 3,399.65 ✓	100%	0
Direct Expenses						
Mileage	\$ 1,170.00 ✓	\$ 1,170.00 ✓	\$ -	\$ 1,170.00 ✓	100%	0
CMT	\$ 32,879.40 ✓	\$ 32,879.40 ✓	\$ -	\$ 32,879.40 ✓	100%	0
Total For This Billing Period	<u>89,944.75</u>	<u>89,944.75</u>	<u>33,761.89</u>	<u>89,944.75</u>		<u>195,862.83</u>

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1 & Supp 2	\$1,255,426.27 ✓	\$1,025,801.55 ✓	84.40%	\$195,862.83 ✓

Aisha Gonzalez - President

INVOICE RECEIVED BY:
Lupita Garza ON 7/1/21
GOODS/SERVICES RECEIVED BY:
Eddie Cantu ON 06/01-30/21

PO # N/A
1 - 1315-126-20-122-028-0-000
Req # N/A \$6,112.80

PO # N/A
1 - 1315-126-10-122-008-0-000
Req # N/A \$26,869.46

\$33,586.82 x 1.8% = \$604.56
\$33,586.82 x 18.2% = \$6,112.80
\$33,586.82 x 80% = \$26,869.46

July 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 June 2021 on the subject referenced project.

The following is attached:

- Invoice No. 20295 ✓

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

TASK	% Complete
1 - Construction Contract Administration	83%
<p>UPDATED: B2Z conducted the monthly project status meeting on June 9th, 2021 with the Precinct #2 staff to discuss status of Dicker Road with respect to the current construction schedule, time charges, subcontractor's performance, planned changes, plan errors, residential concerns, and any additional work requested on Dicker Road. The attendees of the meeting included Armando Garza (RPIC), Ms. Erika Zamora and Jorge Hinojosa. The B2Z staff included Jesse Ozuna, Stanley Ramos, David Rivera, and Karina Muñoz. The topics of discussion included project completion, delays, project funding and any work that was being performed by others. We discussed that there were funds available to install sidewalk on the entire project. We discussed the ponding of water on private property and reestablishing drainage. The 12x8 culvert crossing has been completed and no longer interfering with the roadway construction.</p> <p>B2Z provided information on the contractor's progress, an update on the current utility conflicts, pending utility adjustments, and any construction changes as required by the project. The McAllen 12" waterline is installed between 23rd to the McColl Street, but is not continuous cross the Pharr Main Canal. The McAllen PU is not requesting for any additional work and Precinct #2 is closing out the current contract.</p>	

<p>Earthworks provided Critical Path Method (CPM) schedules for May 2021. It showed an early completion date of September 2021.</p> <p>B2Z staff and office personnel are no longer required to wear facemasks or practice social distancing according to the latest CDC rules. In the Office, B2Z continues managing business by cell phone, video conferencing, and in person, for meetings. The field personnel continue their daily business by cell phone and meet face to face to discuss work, payment for work, pay discrepancies, field and laboratory testing, public complaints/concerns, and business concerns.</p> <p>B2Z continues coordinating contract administration activities with Armando Garza (County RPIC), Earthworks (Contractor), TEDSI (Design Engineer), McAllen Public Utility (New Waterline), City of McAllen (Signal Maintenance), City of Hidalgo (Waterline Adjustment), Hidalgo County Drainage District #1 (12x8 Culvert Crossing), Hidalgo County Irrigation District #2(Irrigation Lines) and Ms. Nayelay Parra (TxDOT RPIC).</p> <p>During the construction of the project, B2Z identified cost savings opportunities for Pct#2. Their vast construction knowledge, experiences and innovative thinking allowed for construction savings without changing the design of the project. To date, seven change orders have been approved for Dicker Road, totaling -\$834,204.56. B2Z prepared five cost savings change orders, one plan error change order and any additional work request by McAllen PU for the 12” waterline. B2Z has mentioned that funding is available to place sidewalk over the entire project.</p> <p>B2Z works very closely with the Precinct #2, the Contractor, and the Engineer of Record to ensure that all change orders and utility adjustments will be included into the final Dicker Road as-built plans.</p>	
<p>- Construction Management & Inspection</p>	
<p>Tasks 1-9 Construction Management (During Construction)</p>	<p>83%</p>
<p><u>UPDATED:</u> B2Z is currently reviewing invoices and processing pay estimates for the month of June 2021.</p>	

B2Z continues to implement the Quality Assurance Plan for the project. B2Z has completed the 30% and 60% audits and will initiate the 90% audit in August.

B2Z coordinated the Dicker Road Notice of Intent (NOI) with the County and TECQ.

B2Z coordinated the subcontractor approvals with the County.

B2Z provides a contractor certification statements with each monthly estimate.

B2Z provides a contractor prompt payment certification with each monthly estimate.

B2Z works very closely with the Contractor and Subcontractors to update weekly work schedules ahead of material deliveries and testing requirements.

B2Z conducts regularly scheduled meetings with the Hidalgo County Drainage District, the McAllen Public Utility, the City of McAllen, the City of Hidalgo, and Utility Owners to discuss change orders, utility adjustments/impacts and the work in progress. This eliminates the need for many formal RFI's.

Earthworks identified several fire hydrants south of the Main Canal that needed relocated and repaired.

Tasks 1-6 Construction Inspection

85%

UPDATED:

B2Z Inspections:

- B2Z prepared daily pay sheets for all the work performed on Dicker Road.
- B2Z conducts daily job-site inspections and documents the construction progress in the project diary.
- B2Z conducts one-day and one-night barricade inspections each month. The contractor is required to address deficiencies as soon as possible.
- B2Z performs the bi-monthly SW3P reports indicating compliance.
- B2Z assures traffic safety by verifying that the proper project barricading is in place, as established by the plans or by change order.
- B2Z assures that all safety measures are being followed for proper personal protection equipment (PPE), proper vehicular safety, proper fall protection equipment and any COVID-19 requirements in the field or offices.

- B2Z assures that the proper trench protection is being used with either a trench box or by sloping back. Protection included sheet piling to hold back embankment while installing the 9’x7’ and 7’x5’ Concrete boxes at the edge of the Main Canal.
- B2Z assures that all materials deliver to and used within the project met the project specifications.

UPDATED:

Traffic Control:

The original traffic control plan was modified to expedite the Dicker Road construction. B2Z modified three traffic control plans to closed long segments of Dicker, while detouring all traffic around the construction. The three traffic control changes are described below:

- Phase I (CO #1) – 23rd Street to 10th Street - 100% Complete & Opened to Traffic
- Phase II (CO #5) – McColl Street to Jackson Street - 100% Complete & Opened to Traffic
- Phase III (CO #7) – 10th Street and McColl Road - 80% Complete & Closed to Traffic December 11th, 2020 (All traffic is Detoured South).

UPDATED:

Construction: Dicker Road, the construction between 10th Street and McColl Road include:

- Earthworks – Liming the subgrade, salvage, and new caliche.
- Earthworks – Installing curb and gutter.
- Earthworks – Installing turnouts.
- GO – No work
- Lucania – No Work

Tasks 1-3 Construction Management (Post Construction)	0%
<p><u>NO UPDATE:</u> <i>This task has not begun.</i></p>	
3 – Miscellaneous Technical Activities	83%
<p><u>UPDATED:</u></p> <p>B2Z is coordinating to adjust utilities that will impact the proposed construction.</p> <ul style="list-style-type: none"> ▪ 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 change orders with all stakeholders before finalizing. ▪ Provide as built plans for the new waterline location and all other utilities within the ROW. 	
4 – Direct Expenses (Mileage)	83%
<p><u>UPDATED:</u></p> <p>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)	83%
<p><u>UPDATED:</u></p> <ul style="list-style-type: none"> ▪ B2Z continues concrete testing on curb and gutter, concrete box culverts and sidewalks. 	

<ul style="list-style-type: none"> ▪ The B2Z Laboratory continues to monitor and verify material producers that are approved for the project. ▪ B2Z continues to monitor concrete and hot mix design approvals. Contractor has worked with three asphalt and three concrete companies to avoid serviceability problems. ▪ B2Z laboratory continues testing salvage and new base material for a moisture and density. 	
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**City of McAllen
12" Water Line
Supplemental #2 to WA#1**

TASK	% Complete
1 - Construction Contract Administration	100%
<p><u>NO UPDATE:</u> Teleconference with Carlos Gonzalez discussing the status of the project. McAllen PU will not execute another change order. Preparing to close out the work.</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 continues west, stopping on the west side of McColl Road Intersection.</p>	
2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	100%
<p><u>NO UPDATE:</u> McAllen PU will not execute another change order. Preparing to close out the work.</p>	
Tasks 1-6 Construction Inspection	100%
<p><u>NO UPDATE:</u> McAllen PU will not execute another change order. Preparing to close out the work.</p>	

Tasks 1-3 Construction Management (Post Construction)	100%
<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	100%
<u>NO UPDATE:</u> McAllen PU will not execute another change order. Preparing to close out the work.	
4 – Direct Expenses (Mileage)	100%
<u>NO UPDATE:</u> McAllen PU will not execute another change order. Preparing to close out the work.	
4 – Direct Expenses (CMT)	100%
<u>NO UPDATE:</u> McAllen PU will not execute another change order. Preparing to close out the work.	

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

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		
		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		
		-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 Salazar
ms