



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

Invoice

Date	Invoice #
10/1/2021	20302

PO # 803856

1 - 1315-431 - 00-122-062-0-721

Req # 400015

pay direct → \$416.01

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

PO # N/A - 1315-124 - 20-122-028-0-000
Req # N/A \$4,206.37

PO # N/A - 1315-126 - 10-122-008-0-000
Req # N/A \$18,489.52

Billing Period September 2021

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46	\$ 85,629.68	\$ 1,946.13	\$ 87,575.81	90%	9,730.65
Construction Management & Inspection						
Tasks 1~9 - Construction Mgmt (During Construction)	\$ 126,576.02	\$ 111,386.90	\$ 2,531.52	\$ 113,918.42	90%	12,657.60
Tasks 1~6 - Construction Inspection	\$ 523,745.88	\$ 460,896.37	\$ 10,474.92	\$ 471,371.29	90%	52,374.59
Tasks 1~3 - Construction Mgmt (Post Construction)	\$ 9,886.64	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50	\$ 56,723.49	\$ 1,289.17	\$ 58,012.66	90%	6,445.84
Direct Expenses						
Mileage	\$ 10,569.42	\$ 9,301.09	\$ 211.39	\$ 9,512.48	90%	1,056.94
CMT	\$ 332,938.60	\$ 292,985.97	\$ 6,658.77	\$ 299,644.74	90%	33,293.86
Supplemental #2 to Work Authorization #1	<u>1,165,481.52</u>	<u>1,016,923.50</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	\$ 1,750.74	\$ -	\$ 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
	<u>89,944.75</u>	<u>89,944.75</u>	<u>23,111.90</u>	<u>1,129,980.15</u>		<u>125,446.12</u>
Total For This Billing Period						\$23,111.90

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1 & Supp 2	\$1,255,426.27	\$1,106,868.25	90.01%	\$125,446.12

Aisha Gonzalez - President

INVOICE RECEIVED BY:

Damian Arauz ON 10/01/21

GOODS/SERVICES RECEIVED BY:

Eddie Cantu ON 09/01-30/21

\$ 23,111.90 x 1.8% = \$ 416.01
 \$ 23,111.90 x 18.2% = \$ 4,206.37
 \$ 23,111.90 x 80% = \$ 18,489.52

October 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 September 2021 on the subject referenced project.

The following is attached:

- Invoice No. 20302

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

TASK	% Complete
1 - Construction Contract Administration	90%
<p><u>UPDATED:</u></p> <p>B2Z conducted a monthly project status meeting at the Precinct #2 Office on September 8th, 2021. The Pct #2 attendees included Armando Garza (RPIC), Erika Zamora and Jorge Hinojosa. The B2Z staff included Saul Muñoz, Jesse Ozuna, Stanley Ramos, Karina Muñoz, and David Rivera. We met 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 and construction errors, residential concerns, and for any additional work on Dicker Road. The topics of discussion included the project completion date, a ribbon cutting, project concerns, project funding and work being performed by others.</p> <p>We indicated that the end of the project is near, and funds may be available for additional work. Additional work could include 1) eliminate a ponding problem on private property near 23rd Street, 2) connecting a private field drain to our storm sewer that drains from the on the north side of Dicker between 10th Street and the Main Canal and 3) additional sidewalks.</p>	

<p>McAllen PU request for additional work to remove four fire hydrants for the City of Hidalgo. Precinct #2 is ready to close out their current contract.</p> <p>Earthworks provided Critical Path Method (CPM) schedules for July, August & September 2021. The June 2021 schedule showed an early completion date of October 2021.</p> <p>B2Z continues coordinating contract administration activities with Armando Garza (County RPIC), Earthworks (Contractor), Subcontractors (GO, Lucania, SW Contractor), TEDSI (Design Engineer), McAllen Public Utility (Carlos Gonzalez), City of Hidalgo (Waterline Adjustment), Hidalgo County Drainage District #1 (12x8 Culvert Crossing) and Ms. Nayelay Parra (TxDOT RPIC).</p> <p>The B2Z team of managers and inspectors have a considerable knowledge in roadway construction, with the experience and innovative thinking that introduced several savings opportunities without impacting the overall intent of the project. During construction, B2Z identified -\$834,204.56 cost savings in five change orders. B2Z also helped Hidalgo County entered into a Memorandum of Understanding (MOU) for a new 12" waterline request by the McAllen Public Utility.</p> <p>The planned quantity for sidewalk only covers 2/3 of the total length of Dicker Road on both sides. The Precinct identified the areas to construct sidewalk; 1) Jackson Rd to McColl Rd on both sides, 2) McColl to 10th Street on the south side and 3) McColl to 23rd Street on south side. The project will see a total cost savings that could allow for additional sidewalks if requested.</p> <p>B2Z will ensure that all change orders and any 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>90%</p>
<p><u>UPDATED:</u></p> <p>B2Z is currently reviewing invoices and processing pay estimates for the month of September 2021.</p>	

<p>B2Z implemented the Quality Assurance Plan for the project. B2Z will initiate the 90% audit in October 2021.</p> <p>B2Z works very closely with the Contractor and Subcontractors to update weekly work schedules, to schedule inspection, to prepare for material deliveries and to schedule any material testing as required.</p> <p>B2Z conducted 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 process eliminates the need for many formal RFI's.</p>	
<p>Tasks 1-6 Construction Inspection</p>	<p>90%</p>
<p><u>UPDATED:</u></p> <p><u>B2Z Inspections:</u></p> <ul style="list-style-type: none"> ▪ B2Z prepared daily pay sheets for 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 assures traffic safety by verifying that the proper project barricading is in place by plans, or as established by change orders. ▪ B2Z performs the bi-monthly SW3P reports indicating compliance. ▪ B2Z assures that all materials deliver to and used within the project meet the project specifications. ▪ 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 that is implemented in the field or offices. <p><u>UPDATED:</u></p> <p><u>Traffic Control:</u></p> <p>During the COVID-19 year, B2Z modified the original traffic control plan to expedite the Dicker Road reconstruction while business and schools were closed. B2Z created three traffic control changes that closed Dicker Road, while detouring traffic around the roadway construction. The three traffic changes are described below:</p>	

<ul style="list-style-type: none"> ▪ Phase I (CO #1) – 23rd Street to 10th Street - 100% Complete & Now opened to traffic. • Phase II (CO #5) – McColl Street to Jackson Street - 100% Complete & Now opened to traffic. ▪ Phase III (CO #7) – 10th Street and McColl Road - 85% Complete, Under Construction & Closed to Traffic December 11th, 2020 (All traffic is being detoured north or south at intersections to go around the Dicker Rd construction). <p><u>UPDATED:</u></p> <p><u>Construction:</u> The construction between 10th Street and McColl Road include:</p> <ul style="list-style-type: none"> ▪ Earthworks – Liming the subgrade, salvage, new caliche, TY B hot mix and Ty D hot mix. ▪ GO – Riprap at the Main Canal ▪ Lucania – Cleaning armor joints ▪ Southwest Contractor-No Work 	
<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>90%</p>
<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 the up-to-date construction progress and information. ▪ B2Z continues to respond to request for information. ▪ B2Z continues coordinating change orders with all stakeholders before finalizing the project. 	

<ul style="list-style-type: none"> ▪ Provide as built plans that include all change orders, the new McAllen waterline location, and all utility adjustments within the Project. 	
4 – Direct Expenses (Mileage)	90%
<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 – 3/week ▪ 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)	90%
<p><u>UPDATED:</u></p> <ul style="list-style-type: none"> ▪ B2Z laboratory continues testing field moisture and densities for salvage and new base material. ▪ B2Z continued testing fresh concrete upon arrival for curb and gutter, riprap and sidewalks. ▪ B2Z laboratory continues to monitor and verify in place concrete and hot mix placements and testing requirements. 	

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 new 12" waterline project on the north side of Dicker Road. The new waterline is complete, and B2Z needs to close out the current contract for the remaining items that were not used.</p> <p>The line was installed between 23rd Street and McColl Rd on a 5' alignment and 4' deep. It crosses 10th Street and stops on the west side of the Main Canal. It starts up again on the east side of the Main Canal and stops just west of the McColl Intersection.</p>	
2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	100%
<p><u>NO UPDATE:</u> Work is complete. Preparing to close out the change order and MOU.</p>	
Tasks 1-6 Construction Inspection	100%
<p><u>NO UPDATE:</u> Work is complete.</p>	
Tasks 1-3 Construction Management (Post Construction)	100%
<p><u>UPDATED:</u> B2Z reconciling quantities and plan sheet modifications to initiate final quantities and a final as built set of plans.</p>	

3 – Miscellaneous Technical Activities	100%
<u>NO UPDATE:</u> Work is complete.	
4 – Direct Expenses (Mileage)	100%
<u>NO UPDATE:</u> Work is complete.	
4 – Direct Expenses (CMT)	100%
<u>NO UPDATE:</u> Work is complete.	

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 9-1315-431-00-122-062-0-721		20,978.66

SCANNED
AUG 27 2019

Authorized by:

Martha L Salazar