



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

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

\$ 800.32
pay direct

PO # 803856
0-1200-431-00-122-062-0-841
Req # 400015

\$ 1,884.26

Invoice

Date	Invoice #
12/1/2020	20269

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 ✓

Billing Period November 2020 ✓

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46 ✓	\$ 52,545.49 ✓	\$ 4,865.32 ✓	\$ 57,410.81 ✓	59%	39,895.65
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 126,576.02 ✓	\$ 68,351.05 ✓	\$ 6,328.80 ✓	\$ 74,679.85 ✓	59%	51,896.17
Tasks 1-6 - Construction Inspection	\$ 523,745.88 ✓	\$ 282,822.78 ✓	\$ 26,187.29 ✓	\$ 309,010.07 ✓	59%	214,735.81
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 9,886.64 ✓	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50 ✓	\$ 34,807.60 ✓	\$ 3,222.93 ✓	\$ 38,030.53 ✓	59%	26,427.97
Direct Expenses						
Mileage	\$ 10,569.42 ✓	\$ 5,707.49 ✓	\$ 528.47 ✓	\$ 6,235.96 ✓	59%	4,333.46
CMT	\$ 332,938.60 ✓	\$ 179,786.84 ✓	\$ 3,329.39 ✓	\$ 183,116.23 ✓	55%	149,822.37
Supplemental #2 to Work Authorization #1	<u>1,165,481.52</u>	<u>624,021.25</u>	<u>44,462.20</u>	<u>668,483.45</u>		<u>496,998.07</u>
Construction Contract Administration	\$ 20,177.80 ✓	\$ 18,160.02 ✓	\$ 1,008.89 ✓	\$ 19,168.91 ✓	95%	1,008.89
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 8,165.74 #	\$ 7,349.17 ✓	\$ -	\$ 7,349.17 ✓	90%	816.57
Tasks 1-6 - Construction Inspection	\$ 22,401.42 #	\$ 20,161.28 ✓	\$ -	\$ 20,161.28 ✓	90%	2,240.14
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 1,750.74 =	\$ -	\$ 875.37 ✓	\$ 875.37 ✓	50%	875.37
Miscellaneous Technical Activities	\$ 3,399.65 #	\$ 3,059.69 ✓	\$ -	\$ 3,059.69 ✓	90%	339.96
Direct Expenses						
Mileage	\$ 1,170.00 ✓	\$ 1,053.00 ✓	\$ -	\$ 1,053.00 ✓	90%	117.00
CMT	\$ 32,879.40 ✓	\$ 29,591.46 ✓	\$ -	\$ 29,591.46 ✓	90%	3,287.94
	<u>89,944.75</u>	<u>79,374.62</u>	<u>1,884.26</u>	<u>81,258.88</u>		<u>8,685.87</u>
Total For This Billing Period						\$46,346.46

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$1,255,426.27 ✓	\$703,395.87 ✓	59.72%	\$505,683.94 ✓

Aisha Gonzalez
Aisha Gonzalez - President

44,462.20 x 1.8% = \$ 800.32 (p.o.)
44,462.20 x 18.2% = \$ 8,092.12 (state)
44,462.20 x 80% = \$ 35,569.76 (federal)

INVOICE RECEIVED BY:

Sandy Suarez ON 12/01/20

GOODS/SERVICES RECEIVED BY:

Eddie Cantu ON 11/01-30/20

DATE 12/1/2020

PO # 803856
0-1315-431-00-122-028-0-000
Req # 400015
\$ 8,092.12

PO # 803856
0-1315-126-10-122-008-0-000
Req # 400015
\$ 35,569.76

December 1, 2020

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 November 2020 on the subject referenced project.

The following is attached:

- Invoice No. 20269

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

TASK	% Complete
1 - Construction Contract Administration	59%
<p>UPDATED: B2Z conducted the last informal status meeting with Precinct #2 on October 23rd, 2020 via teleconference to discuss status of the project with respect to time charges, subcontractors, changes in plans, plan quantity errors and a few residential concerns on Dicker Road.</p> <p>The attendees included Armando Garza (RPIC), Erika Zamora, Jorge Hinojosa, Roy Garcia. The B2Z staff included Saul Munoz, Stanley Ramos, Carlos Del Angel and Karina Munoz. B2Z continues maintaining daily communication with Precinct #2 personnel to discuss contractors progress, the project controls, materials and a few plan errors. The major topic of discussion was the next change order #7 and the significant cost savings it introduces. Change order #7 is the third and final traffic control change that closes Dicker Road to traffic between 10th Street and McColl Avenue. The change will eliminate the need for traffic phases and accelerate construction.</p>	

The last Critical Path (CPM) Schedule (9-26-2020) showed the Project to be ahead of schedule and completed by June 3, 2021. B2Z is working closely with the County, the Contractor and Engineer of Record to ensure that all change orders and utility adjustments made within the project are included in the final as-built plans.

B2Z office continues managing office business by cell phone or video conferencing during the COVID-19 epidemic to minimize personal contact, wear facemasks and practice social distancing. Field personnel manage daily business by cell phone and/or if necessary, meet face to face to discuss critical work, pay quantities, testing requirements, public concerns, and business.

B2Z continues coordinating the contract administration activities with Armando Garza (County RPIC), Earthworks (Contractor), TEDSI (Design Engineer), McAllen Public Utility, City of McAllen, City of Hidalgo, Hidalgo County Irrigation District #2 and Mrs. Nayelay Parra (TxDOT Field Engineer). Mr. Parra is the new TxDOT RPIC.

B2Z completed all the compensable and non-compensable utility adjustments with L&G Engineering. One 18" irrigation line was discovered outside of its alignment and HCID#2 asked Precinct #2 to replace all of the line. The line had a small leak and serviced one customer to the east. B2Z negotiated a cost saving by repairing the existing line, instead of replacing it. The final utility adjustments relocated a few poles on the east side of Jackson Blvd.

B2Z continues to explore the construction contract for cost savings opportunities on Dicker Road for Pct#2.

To date, six change orders have been approved for Dicker Road, totaling -\$427,200.73. Four of the six change orders introduced a savings of over -\$1,253,659.83 for Hidalgo County. Change order #7 will introduce one final cost savings opportunity of -\$494,604.08. CO #7 includes; 1) the traffic control plan changes, 2) the relocation an existing signal pole at 23rd Street, 3) replace two well gates, 4) increase the 6x5 box culverts plan quantity, 5) replace incompatible pedestrian element with current elements, 6) the increase in riprap quantities due to a plan error.

<p>2 – Construction Management & Inspection</p>	
<p>Tasks 1-9 Construction Management (During Construction)</p>	<p>59%</p>
<p><u>UPDATED:</u> B2Z is currently reviewing invoices and processing pay estimates for the month of November.</p> <p>B2Z continues to coordinate 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 to coordinate daily work and to introduce field modifications with contractor personnel, McAllen Public Utility, the City of McAllen, the City of Hidalgo, and utility owner/coordinators. This coordination eliminated the need for many formal RFI's.</p> <p>The McAllen PU waterline is complete, installed between 23rd Street & McColl Road. McAllen PU, Carlos Gonzalez, and Erica Gomez met with B2Z to discuss the remaining work, reconcile the remaining funds and to use as much of these funds for any additional work request by McAllen PU. McAllen expressed interest in continuing the line across McColl Road getting it as close to the Main Canal as possible.</p>	

Tasks 1-6 Construction Inspection	59%
<p><u>UPDATED:</u></p> <ul style="list-style-type: none"> ▪ 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 used within the project meet specifications. ▪ B2Z assured most of the safety measures were being followed for proper personal protection equipment (PPE), for proper vehicular safety, and for 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 9x7 RCB boxes at the Main Canal. ▪ B2Z assured traffic safety by verifying the proper project barricading was in place as established by the plans. B2Z barricade inspections include one day and one-night inspection each month <p><u>UPDATED:</u></p> <p><u>Traffic Control:</u> 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 detoured traffic around construction. The traffic control was broken down into the three Phases below:</p> <ul style="list-style-type: none"> ▪ Phase I – CO #1 - Closed Dicker Road between 23rd Street and 10th Street while detouring traffic to reconstruct the entire roadway. (Opened to Traffic November 10th, 2020) ▪ Phase II – CO #5 - Closed Dicker Road between McColl and Jackson Road while detouring traffic to reconstruct the entire roadway. (Segment is 75% Complete) ▪ Phase III – CO #7 - Closed Dicker Road between 10th Street and McColl Road while detouring traffic to reconstruct the entire roadway. Will begin CO #7 after Phase I or II have completed a segment and open up to traffic. <p><u>UPDATED:</u></p> <p>Construction between Jackson Road to McColl Road (Road Closed) include:</p> <ul style="list-style-type: none"> ▪ Earthworks - Liming salvage and new base approaches at the floodway bridges. ▪ Earthworks – Poured curb and gutter between McColl and Jackson Rd. ▪ Earthworks – Pouring concrete sidewalks between McColl and Jackson Rd. ▪ Earthworks – Poured driveways in from of Valley View School and Walmart 	

<ul style="list-style-type: none"> ▪ Earthworks – Prime flex base between the Floodway Bridge and McColl. ▪ Earthworks – Placed 4” of Ty B hot mix between Floodway and McColl. ▪ Earthworks – Placed 1 1/2” of Ty D hot mix between Floodway and McColl. ▪ Earthworks – Placed 4” of Ty B hot mix between Floodway and Jackson Rd. ▪ Earthworks – Placed 1 1/2” of Ty D hot mix between Floodway and Jackson Rd. ▪ Austin Traffic – Installing new poles and pedestrian elements at McColl <p>Construction from McColl Road to 10th Street (Road Open) includes:</p> <ul style="list-style-type: none"> ▪ GO – Installing riprap at Floodway Bridge between McColl and Floodway Br. ▪ GO – Installing 6x6” RCB at the Main Canal on north side ▪ GO – Installing 9x7 RCB at the Main Canal on north side ▪ GO – Preparing 9x7 RCB at the Main Canal on south side <p>Construction from 23rd St. to 10th Street (Road Closed) includes:</p> <ul style="list-style-type: none"> ▪ Placed final hot mix layer, signs, signal and striping. ▪ 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>59%</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 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. 	

4 – Direct Expenses (Mileage)	59%
<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)	55%
<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	95%
<p><u>NO UPDATE:</u> Meeting with Carlos Gonzalez and Erica Gomez October 23, 2020 to discuss status of the project and introduce any changes before closing out the change order. The line starts at 23rd and crosses 10th Street stopping at the irrigation Main Canal between 10th and McColl Rd. It starts up again on the east side of the Main Canal and stops at McColl Rd. McAllen PU request to add a few changes 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>	
2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	90%
<p><u>NO UPDATE:</u> Pending changes requested by McAllen PU.</p>	
Tasks 1-6 Construction Inspection	90%
<p><u>NO UPDATE:</u> Pending changes requested by McAllen PU.</p>	
Tasks 1-3 Construction Management (Post Construction)	50%
<p><u>UPDATED:</u> B2Z started reconciling all the Change Order quantities to initiate the final as built set of plans.</p>	
3 – Miscellaneous Technical Activities	90%
<p><u>NO UPDATE:</u> Pending changes requested by McAllen PU.</p>	

4 – Direct Expenses (Mileage)	90%
<u>NO UPDATE:</u> Pending changes requested by McAllen PU.	
4 – Direct Expenses (CMT)	90%
<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,

Carlos Del Angel, PMP
Executive Vice President
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 0-1200-431-00-122-062-0-841 89,944.95		
		SCANNED AUG 27 2019		

Authorized by: Martha L Salazar mdr