



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

Invoice

Date	Invoice #
8/3/2020	20243

PO # 803854
0-1315-431-00-122-062-0-721
Req # 400015
\$ 1,840.35

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

RECEIVED AUG 04 2020

B2Z JOB: 2302
PO # 803856

Billing Period July 2020

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	Bal
Construction Contract Administration	\$ 97,306.46	\$ 27,245.81	\$ 9,730.64	\$ 36,976.45	38%	60,330.01
Construction Management & Inspection						
Tasks 1-9 - Construction Mgmt (During Construction)	\$ 126,576.02	\$ 35,441.29	\$ 12,657.60	\$ 48,098.89	38%	78,477.13
Tasks 1-6 - Construction Inspection	\$ 523,745.88	\$ 146,648.85	\$ 52,374.58	\$ 199,023.43	38%	324,722.45
Tasks 1-3 - Construction Mgmt (Post Construction)	\$ 9,886.64	\$ -	\$ -	\$ -	0%	9,886.64
Miscellaneous Technical Activities	\$ 64,458.50	\$ 18,048.39	\$ 6,445.85	\$ 24,494.24	38%	39,964.26
Direct Expenses						
Mileage	\$ 10,569.42	\$ 2,959.44	\$ 1,056.94	\$ 4,016.38	38%	6,553.04
CMT	\$ 332,938.60	\$ 106,540.35	\$ 19,976.32	\$ 126,516.67	38%	206,421.93
Supplemental #2 to Work Authorization #1	<u>1,165,481.52</u>	<u>336,884.13</u>	<u>102,241.93</u>	<u>439,126.06</u>		<u>726,355.46</u>
Construction Contract Administration	\$ 20,177.80	\$ 18,160.02	\$ -	\$ 18,160.02	90%	2,017.78
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	\$ -	\$ -	\$ -	0%	1,750.74
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>79,374.62</u>		<u>10,570.13</u>
Total For This Billing Period						<u>\$102,241.93</u>

PO # 803854
0-1315-126-20-122-028-0-000
Req # 400015
\$ 18,608.03

Work Authorization - Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
1	\$1,255,426.27	\$416,258.75	41.30%	\$736,925.59

Aisha Gonzalez - President

PO # 803854
0-1315-126-10-122-008-0-000
Req # 400015
\$ 81,793.55

INVOICE RECEIVED BY:

Lupita Garza ON 08/04/20

GOODS/SERVICES RECEIVED BY:

Eduardo Cantu ON 07/01-31/20

\$102,241.93 x 1.8% = \$1,840.35 (P.O.)
\$102,241.93 x 18.2% = \$18,608.03 (state)
\$102,241.93 x 80% = \$81,793.55 (federal)

August 3, 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 July 2020 on the subject referenced project.

The following is attached:

- Invoice No. 20243 ✓

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

TASK	% Complete
1 - Construction Contract Administration	38%
<p><u>UPDATED:</u></p> <p>B2Z conducted our last Precinct #2 status meeting on April 21, 2020 via teleconference following COVID-19 safety protocols. Attendees included Armando Garza (RPIC), Erika Zamora, Jorge Hinojosa, Roy Garcia, and members of the B2Z staff included Saul Munoz and Stanley Ramos.</p> <p>B2Z office continues managing office business by cell phone or video conferencing during the COVID-19 epidemic to minimize personal contact and practice social distancing. Field personnel manage daily business by cell phone and meet face to face to discuss critical work, pay quantities, testing requirements, public concerns, and business.</p> <p>B2Z continues coordinating the contract administration activities with Armando Garza (County RPIC), Earthworks (Contractor), TEDSI (Design Engineer), McAllen PU, City of McAllen, City of Hidalgo, Hidalgo County Irrigation District #2 and TxDOT (Field Engineer).</p>	

B2Z conducts monthly meetings with the County Precinct #2 Commissioner and the Responsible Person In Charge (RPIC) throughout the construction duration for project performance and updates.

B2Z coordinates compensable utility adjustments with L&G to minimize conflicts, minimize contractor down time, reduce the scope of utility work to reduce expenses, and eliminate unnecessary adjustments. B2Z continues to explore the construction contract for cost savings utility adjustments on Dicker Road for Pct#2.

Hidalgo County agreed to relocate an existing median pole at 23rd Street for the City of McAllen. City of McAllen agreed to establish a new maintenance agreement with Hidalgo County to maintain the traffic signal on 10th Street and McColl.

Six change orders have been approved for Dicker Road, totaling -\$427,200.73.

Four of the six introduced a savings of over -\$1,253,659.83 for Hidalgo County.

Our next change order #7 identifies three more plan modifications on Dicker Road; to relocate an existing signal pole at 23rd Street, to relocate an existing irrigation line currently underneath the new curb and gutter between Jackson and McColl and to increase the plan quantity of the 6x5 box culverts due to a field measurement and plan error.

2 = Construction Management & Inspection

Tasks 1-9 Construction Management (During Construction)

38%

UPDATED:

B2Z is currently reviewing and processing pay estimates and invoices for the month of July.

The last Critical Path schedule showed the Project to be completed by June 3, 2021.

B2Z did not need to conduct commercially useful function (CUF) interviews this month.

B2Z coordinated subcontractor approvals with the County.
Conducted labor wage rate interviews and provided certification statements with monthly estimate.

Implementation of the Quality Assurance Plan continues.

B2Z continues coordinating Dicker Road NOI with TECQ and the County.

B2Z posted three "Large Construction Site Notice" for storage.

B2Z continues to coordinate with Pct. #2 to salvage concrete pipe removed from the project, metal beam guard fence, pedestrian railing, and driveway safety end treatments.

B2Z has conducted regular field meetings to coordinate field modifications with contractor personnel, the McAllen Public Utility, the City of McAllen, the City of Hidalgo and utility owner/coordinators. This has eliminated the need for formal RFI's.

The McAllen PU waterline is nearing completion. A 12" water lines have been installed from 23rd to the Main Canal, including the 10th Street crossing approved by TxDOT. The line skips the main canal and continues and ends on the east side of McColl Road. The line passed the pressure test, pending bacterial results.

Tasks 1-6 Construction Inspection

38%

UPDATED:

- B2Z conducted and documented daily job-site inspections in the project diary.
- B2Z prepared daily pay sheets and verified that project materials meet specifications.
- B2Z assured safety measures were in for proper personal protection equipment (PPE), for proper vehicular safety, for proper trench protection, including COVID-19.
- B2Z assured proper trench protection while installing pipe or boxes.
- B2Z assured proper traffic safety while installing piles or pouring concrete.

UPDATED:

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

- Earthworks - Salvaged existing base material (caliche)
- Earthworks - Salvaged existing asphalt material (caliche)
- Earthworks - Liming subgrade
- Earthworks - Liming salvage and new base
- Earthworks – Pouring curb and gutter
- GO - Completed 60” RCP from Floodway Bridge outfall to McColl Rd
- GO – Completed 54” RCP from Floodway Bridge outfall to McColl Rd
- GO - Completed 30” & 24” RCP from Floodway Bridge outfall to Jackson Rd
- Lucania & Gregory – Placed concrete beams at Floodway Bridge
- Austin Traffic Signal - preparing 23rd Street for new signals – Drill shafts and poles are installed.

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

- Lucania & Gregory– Drove piles at Irrigation Main Canals
- Lucania & Gregory– Poured abutments and bents at Irrigation Main Canals
- Lucania & Gregory– Placing beams at Irrigation Main Canals
- GO – Installing 6’x6’ truckline from the outfall at the Main Canal to 10th St.
- GO – Installing 54” truckline from McColl to the Main Canal
- Austin Traffic Signal - preparing 10th Street for new signals – 4 Drill shafts and 2 poles are installed.

Inspection from 23rd St. to 10th Street (Road Closed) includes:

- Earthworks – Completed 2/3 of the roadway, including Ty “B” and “D” asphalt, excavation, limed subgrade, limed salvage caliche (base material), curb & gutter and driveways.
- Earthworks – Pending roadway asphalt for complete this section.
- Austin Traffic Signal - pending 23rd Street and 10th Street signals – Drill shafts and poles have been installed. City of McAllen signal pole changes is slowing construction.

Tasks 1-3 Construction Management (Post Construction)

0%

NO UPDATE:

This task has not begun.

3 – Miscellaneous Technical Activities	38%
<p><u>UPDATED:</u></p> <p>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 with property owners for complaints. ▪ B2Z continues coordinating with L&G Utility Team to identify compensable and non-compensable utilities and adjustments. ▪ B2Z continues coordination with all stakeholders to ensure relocation of all utilities to not conflict with the installation of the new waterline and is tracking any relocations to plot on final as-builts. ▪ B2Z coordinated with AT&T Engineer, Lucy Salinas, identifying existing utilities east of 10th St. ▪ B2Z coordinated with Spectrum, identifying existing utilities east of 10th St. ▪ B2Z continues coordinating with MVEC to relocate power pole on the NE corner of Jackson and Dicker Roads. ▪ B2Z continues to work with City of McAllen to install signals at 23rd Street. ▪ B2Z coordinated with Hidalgo County Irrigation District #2 for access requirements at the Main Canal. 	
4 – Direct Expenses (Mileage)	38%
<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)	38%
<p><u>UPDATED:</u></p> <ul style="list-style-type: none"> ▪ B2Z continues with pile driving requirements and concrete testing requirements for bridge elements including concrete beams, panels, piles, and steel armor joints ▪ The B2Z Laboratory continues to verify TxDOT material producers that are approved for the project ▪ Sampled embankment for moisture density (MD) testing ▪ Sampled salvage and new base material for stockpiling and moisture density curve ▪ Sampled subgrade and base material for MD requirements (treated and untreated) ▪ Backfill testing of 12” waterline, reinforced concrete pipe and concrete boxes ▪ Lime Sample was obtained for material verification testing ▪ MC30 Sample was obtained for material verification testing 	

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

TASK	% Complete
1 - Construction Contract Administration	90%
<p><u>NO UPDATE:</u></p> <ul style="list-style-type: none"> ▪ Awaiting Waterline Testing and Acceptance by McAllen Public Utility 	
2 – Construction Management & Inspection	
Tasks 1-9 Construction Management (During Construction)	90%
<p><u>NO UPDATE:</u></p> <p>Awaiting Waterline Testing and Acceptance by McAllen Public Utility</p>	

Tasks 1-6 Construction Inspection	90%
<u>NO UPDATE:</u> Awaiting Waterline Testing and Acceptance by McAllen Public Utility	
Tasks 1-3 Construction Management (Post Construction)	0%
<u>NO UPDATE:</u> <i>This task has not begun.</i>	
3 – Miscellaneous Technical Activities	90%
<u>NO UPDATE:</u> Awaiting Waterline Testing and Acceptance by McAllen Public Utility	
4 – Direct Expenses (Mileage)	90%
<u>NO UPDATE:</u> Awaiting Waterline Testing and Acceptance by McAllen Public Utility	
4 – Direct Expenses (CMT)	90%
<u>NO UPDATE:</u> Awaiting Waterline Testing and Acceptance by McAllen Public Utility	

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	89,944.75	
		SCANNED AUG 27 2019		

Authorized by: Martha L Salazar mls