



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

Invoice

| Date | Invoice # |
|----------|-----------|
| 9/1/2020 | 20250 |

PO # 803856
0 - 1315-431-00-122-062-0-721
 Req # 400015
 \$1,248.04

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 # 803856
0 - 1315-126-20-122-028-0-000
 Req # 400015 \$12,619.10

PO # 803856
0 - 1315-126-10-122-008-0-000
 Req # 400015 \$55,468.55

Billing Period August 2020 ✓

| Description | Contract | Previous Applications | Current Completed | Total Completed | % Complete | Bal |
|-----------------------------------------------------|---------------------|-----------------------|-------------------|-------------------|------------|--------------------|
| Construction Contract Administration | \$ 97,306.46 ✓ | \$ 36,976.45 ✓ | \$ 5,838.39 ✓ | \$ 42,814.84 ✓ | 44% | 54,491.62 |
| Construction Management & Inspection | | | | | | |
| Tasks 1-9 - Construction Mgmt (During Construction) | \$ 126,576.02 ✓ | \$ 48,098.89 ✓ | \$ 7,594.56 ✓ | \$ 55,693.45 ✓ | 44% | 70,882.57 |
| Tasks 1-6 - Construction Inspection | \$ 523,745.88 ✓ | \$ 199,023.43 ✓ | \$ 31,424.76 ✓ | \$ 230,448.19 ✓ | 44% | 293,297.69 |
| Tasks 1-3 - Construction Mgmt (Post Construction) | \$ 9,886.64 ✓ | \$ - | \$ - | \$ - | 0% | 9,886.64 |
| Miscellaneous Technical Activities | \$ 64,458.50 ✓ | \$ 24,494.24 ✓ | \$ 3,867.51 ✓ | \$ 28,361.75 ✓ | 44% | 36,096.75 |
| Direct Expenses | | | | | | |
| Mileage | \$ 10,569.42 ✓ | \$ 4,016.38 ✓ | \$ 634.16 ✓ | \$ 4,650.54 ✓ | 44% | 5,918.88 |
| CMT | \$ 332,938.60 ✓ | \$ 126,516.67 ✓ | \$ 19,976.31 ✓ | \$ 146,492.98 ✓ | 44% | 186,445.62 |
| Supplemental #2 to Work Authorization #1 | <u>1,165,481.52</u> | <u>439,126.06</u> | <u>69,335.69</u> | <u>508,461.75</u> | | <u>657,019.77</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% | 3287.94 |
| | <u>89,944.75</u> | <u>79,314.62</u> | | <u>79,314.62</u> | | <u>10,570.13</u> |
| Total For This Billing Period | | | | | | \$69,335.69 |

Work Authorization ~ Summary

| WA No. | WA Amount | Previously Inv. | Percent Complete | Remaining Balance |
|--------|------------------|-----------------|------------------|-------------------|
| 1 | \$1,255,426.27 ✓ | \$518,500.68 ✓ | 46.82% | \$667,589.90 ✓ |

Aisha Gonzalez - President

\$69,335.69 x 1.8% = \$1,248.04 (p.o.)
 \$69,335.69 x 18.2% = \$12,619.10 (state)
 \$69,335.69 x 80% = \$55,468.55 (federal)

INVOICE RECEIVED BY:
 Elizabeth Alvarez ON 9/1/20
 GOODS/SERVICES RECEIVED BY:
 Eduardo Carrillo ON 8/1-31/20

September 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 August 2020 on the subject referenced project.

The following is attached:

- Invoice No. 20250 ✓

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

| TASK | % Complete |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1 - Construction Contract Administration | 44% |
| <p>UPDATED: 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. B2Z continued maintaining daily communication with Precinct #2 to discuss contractor, project, and precinct concerns.</p> <p>The last Critical Path schedule showed the Project to be completed by June 3, 2021.</p> <p>B2Z is working closely with the County and Engineer of Record to ensure that change orders and utility adjustments are included in the final as-built plans.</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> | |

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).

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 coordinated and completed all compensable utility adjustments with L&G to eliminate unnecessary adjustments. B2Z continues to explore the construction contract for utility adjustments and cost savings opportunities on Dicker Road for Pct#2.

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.

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)

44%

UPDATED:

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

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

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <p>B2Z continues to coordinate subcontractor approvals with the County.</p> <p>B2Z continues to conduct labor wage rate interviews and provided certification statements with each monthly estimate.</p> <p>B2Z continues to Implementation of the Quality Assurance Plan.</p> <p>B2Z continues coordinating the Dicker Road Notice of Intent (NOI) with TECQ and the County.</p> <p>B2Z posted and approved three “Large Construction Site Notice” for storage.</p> <p>B2Z continues to coordinate with Pct. #2 for salvaged concrete pipe. The County has expressed that they no longer need salvaged pipe.</p> <p>B2Z has conducted regular field meetings to coordinate field modifications with contractor personnel, McAllen Public Utility, the City of McAllen, the City of Hidalgo and utility owner/coordinators. This has eliminated the need for formal RFI’s.</p> <p>The McAllen PU waterline is complete. The 12” water line is installed from 23rd Street to the Main Canal. The line is not continuous and skips the main irrigation canal and recontinues on the other side ending on the east side of McColl Road. The line passed the test results.</p> | |
| <p>Tasks 1-6 Construction Inspection</p> | <p>44%</p> |
| <p><u>UPDATED:</u></p> <ul style="list-style-type: none"> ▪ 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 - Liming subgrade
- Earthworks - Liming salvage and new base
- Earthworks – Poured curb and gutter
- Earthworks – Primed the flex base, now ready for hot mix.
- GO – Completed all work
- Lucania – Removing to replace armor joints at Floodway Bridge
- Lucania – Placed preformed metal decking (PMD) at Floodway Bridge

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

- Lucania – Removing to replace armor joints at Irrigation Canal Bridge
- Lucania – Placed preformed metal decking (PMD) at Irrigation Canal Bridge
- GO – Installing 6’x6’ truckline from the outfall at the Main Canal to 10th St.
- GO – Installing inlets & MH from Irrigation Main Canal outfall to 10th Street
- Austin Traffic Signal – Installed all four new poles, and lights at 10th Street.

Construction 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 – Completed, pending controller and service 23rd Street and 10th Street signals

Tasks 1-3 Construction Management (Post Construction)

0%

NO UPDATE:

This task has not begun.

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 3 – Miscellaneous Technical Activities | 44% |
| <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) | 44% |
| <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) | 44% |
| <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 ▪ Sampled hydraulic cement concrete (Class A) for curb and gutter. | |

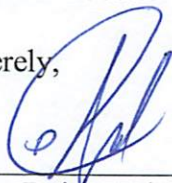
**City of McAllen
12” Water Line
Supplemental #2 to WA#1**

| TASK | % Complete |
|------------------------------------------------------------------------------------------------------------|-------------------|
| 1 - Construction Contract Administration | 90% |
| <p><u>NO UPDATE:</u></p> <p>Awaiting Waterline Testing and Acceptance by McAllen Public Utility</p> | |
| 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 |
| | | ***** 0 For Hidalgo County use only 1-1315-431-00-122-062-0-721 | | 20,978.66 |

SCANNED
AUG 27 2019

Authorized by:

Martha L Salazar ml