



Invoice

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

| Date     | Invoice # |
|----------|-----------|
| 3/1/2022 | 20318     |

PO # 803856

2-1315-431-00-122-062-0-721

Req # 400015

pay direct → \$208.01

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

RECEIVED MAR 03 2022

B2Z JOB: 2302  
PO # 803856

Billing Period February 2022

| Description   | Contract      | Previous Applications | Current Completed | Total Completed | % Complete         | Bal                 |
|---|---------------|-----------------------|-------------------|-----------------|--------------------|---------------------|
| <b>Construction Contract Administration</b>         | \$ 97,306.46  | \$ 96,333.40          | \$ 973.06         | \$ 97,306.46    | 100%               | 0                   |
| <b>Construction Management &amp; Inspection</b>     |               |                       |                   |                 |                    |                     |
| Tasks 1-9 - Construction Mgmt (During Construction) | \$ 126,576.02 | \$ 125,310.26         | \$ 1,265.76       | \$ 126,576.02   | 100%               | 0                   |
| Tasks 1-6 - Construction Inspection                 | \$ 523,745.88 | \$ 518,508.42         | \$ 5,237.46       | \$ 523,745.88   | 100%               | 0                   |
| Tasks 1-3 - Construction Mgmt (Post Construction)   | \$ 9,886.64   | \$ 1,977.33           | \$ -              | \$ 1,977.33     | 20%                |                     |
| <b>Miscellaneous Technical Activities</b>           | \$ 64,458.50  | \$ 63,813.93          | \$ 644.57         | \$ 64,458.50    | 100%               | 7,909.31            |
| <b>Direct Expenses</b>                              |               |                       |                   |                 |                    |                     |
| Mileage   | \$ 10,569.42  | \$ 10,463.73          | \$ 105.69         | \$ 10,569.42    | 100%               | 0                   |
| CMT   | \$ 332,938.60 | \$ 329,609.21         | \$ 3,329.39       | \$ 332,938.60   | 100%               | 0                   |
| Supplemental #2 to Work Authorization #1            |               | <u>1,165,481.52</u>   |                   |                 |                    |                     |
| <b>Construction Contract Administration</b>         | \$ 20,177.80  | \$ 20,177.80          | \$ -              | \$ 20,177.80    | 100%               | 0                   |
| <b>Construction Management &amp; Inspection</b>     |               |                       |                   |                 |                    |                     |
| 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                   |
| <b>Miscellaneous Technical Activities</b>           | \$ 3,399.65   | \$ 3,399.65           | \$ -              | \$ 3,399.65     | 100%               | 0                   |
| <b>Direct Expenses</b>                              |               |                       |                   |                 |                    |                     |
| Mileage   | \$ 1,170.00   | \$ 1,170.00           | \$ -              | \$ 1,170.00     | 100%               | 0                   |
| CMT   | \$ 32,879.40  | \$ 32,879.40          | \$ -              | \$ 32,879.40    | 100%               | 0                   |
| <b>Total For This Billing Period</b>                |               |                       |                   |                 |                    | <u>7,909.31</u>     |
|   |               |                       |                   |                 | <u>89,944.75</u>   | <u>1,235,961.03</u> |
|   |               |                       |                   |                 | <u>11,555.93</u>   | <u>1,247,516.96</u> |
|   |               |                       |                   |                 | <u>\$11,555.93</u> |                     |

Work Authorization - Summary

| WA No.     | WA Amount      | Previously Inv. | Percent Complete | Remaining Balance |
|------------|----------------|-----------------|------------------|-------------------|
| 1 & Supp 2 | \$1,255,426.27 | \$1,235,961.03  | 99.37%           | \$7,909.31        |

Aisha Gonzalez - President

INVOICE RECEIVED BY:  
Lupita Garza ON 03/03/22

GOODS/SERVICES RECEIVED BY:  
Eddie Cantu ON 02/01-28/22

\$11,555.93 x 1.8% = \$208.01  
\$11,555.93 x 18.2% = \$2,103.18  
\$11,555.93 x 80% = \$9,244.74

PO # N/A  
1-1315-126-20-122-028-0-000  
Req # N/A \$2,103.18

PO # N/A  
2-1315-126-10-122-008-0-000  
Req # N/A \$9,244.74

March 1, 2022

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 February 2022 on the subject referenced project.

The following is attached:  
• Invoice No. 20318

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

| TASK   | % Complete  |
|--|-------------|
| <b>1 - Construction Contract Administration</b>  | <b>100%</b> |
| <p><b><u>UPDATED:</u></b><br/>Precinct #2 had the Dicker Road ribbon cutting on February 9, 2022.</p> <p>The project completion date was scheduled for a February 22<sup>nd</sup>, 2022 but due to inclement weather the time was extended thru March 8<sup>th</sup>, 2022. Earthworks indicated there is enough time to complete the project in time. Change Order #8 extend the contract time by 51 days and add 3 months of barricades extending time through February 22, 2022.</p> <p>The remaining work could include driveways near 10<sup>th</sup> Street and to overlay McColl Road.</p> <p>Change Order #9 is being processed to close out the McAllen 12” waterline, that was initiated in Change Order #3. The waterline is complete as planned, and any remaining funds will be returned to McAllen PU.</p> |             |

|   |                    |
|---|--------------------|
| <p>Change Order #10 is being processed for approval to address two drainage concerns beyond the ROW at Station 15+00 and 72+70. PVC pipe will be added to provide drainage at both locations.</p> <p>B2Z continues coordinating contract administration activities with Armando Garza (County RPIC), Earthworks (Contractor), GO, Lucania, Austin Traffic Signal and SW Contractors (Subcontractors), TEDSI (Engineer of Record-EOR), City of McAllen Public Utility (Carlos Gonzalez), City of Hidalgo (Waterline Adjustment) Virgil, and Hidalgo County Drainage District #1 (12x8 Culvert Crossing). The new TxDOT RPIC changes on 11/15/2021 to Mr. David Chacon, P.E.</p> <p>The B2Z Project Manager, Inspectors and Laboratory Technicians have a considerable knowledge in roadway construction, with the experience and innovative thinking to introduce several cost savings opportunities during construction. Several change orders have been approved in the amount of -\$834,204.56 in construction savings.</p> |                    |
| <p><b>= Construction Management &amp; Inspection</b></p>  |                    |
| <p><b>Tasks 1-9 Construction Management (During Construction)</b></p>   | <p><b>100%</b></p> |
| <p><b>UPDATED:</b><br/>B2Z is currently reviewing invoices and processing pay estimates for the month of February 2022.</p> <p>B2Z implemented the Quality Assurance Plan. B2z initiated the 90% audit in December 2021.</p> <p>B2Z works very closely with the contractor and subcontractors to update schedules, to prepare for material deliveries, to schedule field inspections and to schedule material testing with our in-house laboratory, as necessary.</p>   |                    |

|  |             |
|--|-------------|
| <b>Tasks 1-6 Construction Inspection</b>   | <b>100%</b> |
| <p><b><u>UPDATED:</u></b></p> <p><b><u>B2Z Inspections:</u></b></p> <ul style="list-style-type: none"> <li>▪ B2Z prepared daily pay sheets for the work performed on Dicker Road.</li> <li>▪ B2Z conducted daily job-site inspections and documented the construction progress in a project diary, by using an in house “Raken” computer program.</li> <li>▪ B2Z conducts daily safety inspections by verifying proper signing is in place.</li> <li>▪ B2Z conducts one-day and one-night barricade inspections each month.</li> <li>▪ B2Z performs the bi-monthly reviews of the project for storm water pollution prevention plan (SW3P) project compliance.</li> <li>▪ B2Z assures that proper personal protection for employees is being used. We assure proper vehicular safety, proper fall protection &amp; equipment is being used. We follow and enforce the required COVID-19 rules.</li> </ul> <p><b><u>UPDATED:</u></b></p> <p><b><u>Traffic Control:</u></b><br/> B2Z modified the original traffic control plan around the COVID1-19 period between 2019 and 2022 to expedite the Dicker Road construction. Business and schools were closed during this period allowing the County to closed and construct Dicker while detouring traffic around the roadway construction. The last traffic changes is shown below:</p> <ul style="list-style-type: none"> <li>▪ Phase III (CO #7) – 10th Street and McColl Road - 95% complete and opened to traffic on November 24<sup>th</sup>, 2021, while under construction. This project is near substantial completion.</li> </ul> <p><b><u>UPDATED:</u></b></p> <p><b><u>Current Construction:</u></b><br/> Construction between 10<sup>th</sup> Street and McColl Road include:</p> <ul style="list-style-type: none"> <li>▪ Earthworks – Placing driveways</li> <li>▪ Southwest Contractor – Placing pedestrian railing and MBGF</li> <li>▪ Austin Traffic Signal – Replacing a damaged pedestrian pole at 10<sup>th</sup> Street</li> </ul> |             |

|  |             |
|--|-------------|
| <b>Tasks 1-3 Construction Management (Post Construction)</b>   | <b>20%</b>  |
| <p><b><u>NO UPDATE:</u></b><br/> B2Z is preparing the project close out of documents. The documents will include plans, specifications, monthly estimates, pay sheets, invoices, test reports, material invoices, request for information, submittals, change orders, utility management, corresponds and the diaries for the final Dicker Road as-built plans.</p>  |             |
| <b>3 – Miscellaneous Technical Activities</b>  | <b>100%</b> |
| <p><b><u>UPDATED:</u></b></p> <ul style="list-style-type: none"> <li>▪ B2Z continues to work closely with property owners to provide the up-to-date construction progress and information.</li> <li>▪ B2Z continues coordinating change orders with all stakeholders before finalizing the project.</li> <li>▪ Provide complete set of “as built” plans which include change orders, the new McAllen waterline location and all utility adjustments within the Project.</li> </ul> |             |
| <b>4 – Direct Expenses (Mileage)</b>   | <b>100%</b> |
| <p><b><u>UPDATED:</u></b><br/> B2Z has conducted the following activities that required vehicle travel:</p> <ul style="list-style-type: none"> <li>▪ Chief Inspector/Inspector job-site inspections – Daily</li> <li>▪ Project Manager job-site inspections – 3/week</li> <li>▪ Earthworks progress meetings – 1/month</li> <li>▪ Hidalgo County Precinct No. 2 Status Meetings – 1/month</li> </ul>   |             |
| <b>4 – Direct Expenses (CMT)</b>   | <b>100%</b> |
| <p><b><u>UPDATED:</u></b></p> <ul style="list-style-type: none"> <li>▪ B2Z laboratory continues testing fresh concrete for curb and gutter, riprap, and sidewalks.</li> <li>▪ B2Z laboratory continues to monitor the hot mix Ty B &amp; D placements for field density and laboratory testing requirements.</li> </ul>  |             |

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

| TASK   | % Complete  |
|--|-------------|
| <b>1 - Construction Contract Administration</b>  | <b>100%</b> |
| <p><b><u>NO UPDATE:</u></b><br/>           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 23<sup>rd</sup> Street and McColl Rd on a 5' alignment and 4' deep. It crosses 10<sup>th</sup> 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> |             |
| <b>2 – Construction Management &amp; Inspection</b>  |             |
| <b>Tasks 1-9 Construction Management (During Construction)</b>   | <b>100%</b> |
| <p><b><u>NO UPDATE:</u></b><br/>           Work is complete. Preparing to close out the change order and MOU.</p>  |             |
| <b>Tasks 1-6 Construction Inspection</b>   | <b>100%</b> |
| <p><b><u>NO UPDATE:</u></b><br/>           Work is complete.</p>   |             |

|   |             |
|---|-------------|
| <b>Tasks 1-3 Construction Management (Post Construction)</b>  | <b>100%</b> |
| <b>UPDATED:</b><br>B2Z is reconciling quantities and plan sheet modifications to initiate final quantities and a final as built set of plans. |             |
| <b>3 – Miscellaneous Technical Activities</b>   | <b>100%</b> |
| <b>NO UPDATE:</b><br>Work is complete.  |             |
| <b>4 – Direct Expenses (Mileage)</b>  | <b>100%</b> |
| <b>NO UPDATE:</b><br>Work is complete.  |             |
| <b>4 – Direct Expenses (CMT)</b>  | <b>100%</b> |
| <b>NO UPDATE:</b><br>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**

- Do not add to, or alter this Purchase Order. This Order is not renewable.
- TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
- This Order is also placed F.O.B. Destination. Vendor must repay all shipping costs.
- 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.
- 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<br>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 |
|      |     | <b>TOTAL:</b>  |             | 20,978.66 |
|      |     | *****<br>For Hidalgo County use only<br>#-1315-431-00-122-062-0-721  |             | 20,978.66 |

**SCANNED**  
AUG 27 2019

Authorized by:

*Martha L Salazar*