



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

Invoice

Date ✓	Invoice # ✓
10/3/2023	20395

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 W. Hall Acres Rd.
 Pharr, TX 78577

Project Info:
 Las Milpas Road Project
 Contract # C-18-075-02-27
 Work Authorization #2 **PO# 856176**
 Construction Phase Services

RECEIVED OCT 04 2023 **EP**

B2Z JOB: 2309

Billing Period September 2023 ✓

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete	<u>Bal</u>
Construction Contract Administration	\$ 31,265.38 ✓	\$ 11,880.84 ✓	\$ 2,813.89 ✓	\$ 14,694.73 ✓	47%	16,570.65
Construction Management & Inspection						
Construction Management (During Construction)	\$ 37,230.22 ✓	\$ 14,147.48 ✓	\$ 3,350.72 ✓	\$ 17,498.20 ✓	47%	19,732.02
Construction Inspection	\$ 120,386.50 ✓	\$ 45,746.87 ✓	\$ 10,834.79 ✓	\$ 56,581.66 ✓	47%	63,804.84
Construction Management (Post Construction)	\$ 5,173.42 ✓	\$ -	\$ -	\$ -	0%	5,173.42
Direct Expenses						
Mileage	\$ 6,027.84 ✓	\$ 2,290.58 ✓	\$ 542.50 ✓	\$ 2,833.08 ✓	47%	3,194.74
Construction Material Testing (CMT)	\$ 139,476.71 ✓	\$ 53,001.15 ✓	\$ 12,552.90 ✓	\$ 65,554.05 ✓	47%	73,922.64
	<u>339,560.07</u>	<u>127,066.92</u>	<u>30,094.80</u>	<u>157,141.72</u>		<u>182,398.35</u>
Total For This Billing Period					30,094.81	

Work Authorization ~ Summary

WA No.	WA Amount	Previously Inv.	Percent Complete	Remaining Balance
2	\$339,560.07 ✓	\$127,066.92 ✓	46.3%	\$182,398.34 ✓

Aisha Gonzalez - President

PO # 856176
3 -1358-431-00-122-147-0-841
 Req # 463284

\$ 30,094.81

INVOICE RECEIVED BY:

Esther Perez ON 10/4/23

GOODS/SERVICES RECEIVED BY:

Eddie Cantu ON 09/01-30/23

October 3, 2023

Hon. Eddie Cantu
 Commissioner, Hidalgo County Pct. #2
 300 W. Hall Acres Rd.
 Pharr, TX 78577

**RE: Contract # C-18-075-02-27 ~ Las Milpas Road Project
 Work Authorization #2 ~ Construction Phase Services**

Dear Commissioner Cantu:

Attached for your review and approval is our invoice for services rendered under Work Authorization #2 during the month of September 2023 on the subject referenced project.

The following is attached:

- Invoice No. 20395

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

TASK	% Complete
Construction Contract Administration	47%
<p><u>UPDATED:</u></p> <p>Precinct #2 held the Preconstruction Meeting with GO Underground on October 7, 2022, to initiate the start of construction.</p> <p>The Notice to Proceed was approved for November 1, 2022, but the construction was delayed due to a delayed Texas Gas relocation plan.</p> <p>The Notice to Proceed was reissued for January 9, 2023. GO stated working on the east side of the Pharr San Juan Main Canal waiting for Texas Gas to complete the remove a conflict.</p> <p>B2Z will continue coordinating all the contract administration activities with Armando Garza (County RPIC), Roy Garcia (County-PM) and Joe Olivarez (GO Owner).</p> <p>On February 24, 2023, Precinct #2, B2Z and Texas Gas initiated the first on-site meeting to discuss the relocation plan and a timeline for relocating their gas line with respect to the Las Milpas schedule. B2Z received a full set of TG plans and a timeline schedule to coordinate the work into our project schedule. TG completed the west side of their</p>	

<p>project in May, allowing Reim to install the 48” RCP as planned. TG remobilized again in September to complete the same line on the east side of their relocation project.</p> <p>B2Z continues coordinating with Robert Machesca (Designer), Chris Rodriguez (Designer) for design delays with HCID#3 for irrigation services. HCID#3 requested that an existing easement that was absorbed by the roadway ROW be replaced with a new easement purchased as part of the project. This will allow HCID#3 to service one farmer to the west of their delivery location.</p> <p>Lone Star Gas is relocating their existing line north of the Las Milpas crossing. It runs parallel to the road and is not in conflict with our construction.</p> <p>DeBrie initiated a 2.5” gas line relocation plan on the west of the Main Canal. It currently runs perpendicular, and under the Las Milpas roadway. It will be abandoned and relocated west, away from the bridge. The relocation should be completed before it creates delays in construction.</p>	
<p>Construction Management & Inspection</p>	
<p>Construction Management (During Construction)</p>	<p>47%</p>
<p><u>UPDATED:</u></p> <p>Received GOs payment applications for September 2023.</p> <p>Change Order #1 was approved to provide a concrete pipe cost savings. Precinct #2 purchased the concrete pipes ahead of construction and GO provided lower prices for labor and equipment. GO also cast in place the 7x7, 7x5 and large junction box rather than waiting for prefabricate boxes. This offset the 8-month fabrication delay.</p> <p>Change Order #2 was approved to relocate a City of Hidalgo water line in conflict with the proposed 15” RCP at McColl Rd. CO #2 added new TxDOT standard plan sheets to cast in place the 7’x5’ and the 7’x7’ box culverts.</p> <p>CO #3 was approved to provide new 12’ x 8’ box culvert plan sheets for a cast in place culvert vs precast boxes. The 12’ x 8’ drawings were designed in-house by the B2Z engineers.</p> <p>CO#4 is being prepared to add a conflict MH/Junction Box for the DeBrie gas line and to adjust an inlet top at the Arena. Time and barricades are being considered for the utility delays.</p>	

<p>B2Z has approved 9 submittals and responded to 4 requests for information (RFI). The submittals include precast inlets, manholes, concrete pipe, concrete box designs, and new traffic signal equipment at 10th Street and McColl Rd.</p> <p>B2Z approved the bridge shop drawings for concrete piles, bridge deck panels, and concrete girders.</p> <p>We also coordinated with Hidalgo County Irrigation District #2 to approve specific irrigation equipment requested for their operations.</p>	
<p>Construction Inspection</p>	<p>47%</p>
<p><u>UPDATED:</u></p> <p>GO started on the east side of the project installing drainage and irrigation lines near McColl Road. Texas Gas was relocating their gas line on the west side of the canal. GO then completed the 7x7 concrete boxes, built a junction box connecting another existing 7x5 box culvert, and installed the 18" RCP laterals. GO completed backfilling the 7x7 structure in August.</p> <p>While installing the 48" RCP on the west side of the project, GO encountered an abandoned DeBrie gas line in the middle of the road. It was verified, and not in direct conflict with the 48" RCP or roadway. It was allowed to stay in place, abandoned. GO removed 48" HDPE while installing new 48" RCP on the same 17'(Rt) alignment all the way to 10th Street. This is a new alignment allowing for plan changes and savings at 10th Street. One manhole can be eliminated.</p> <p>P2 received a letter from HCID#3 June 29th ceasing the 48" RCP construction at 10th Street. Our plans provided for a crossing improvement, but ID#3 was not identified as owners. They requested a set of plans and additional improvements for one irrigation crossing at Sta 116+00.</p> <p>GO jumped across 10th Street and completed installing 48" RCP as planned, all the way to the Arena.</p> <p>GO started constructing the 12x8 cast in place box culvert crossing on the west side of the project. They completed all the culvert bottom in one day, and one 120' segment of the walls and top. The continued forming the walls and top for the next concrete pour.</p>	

<u>Construction Management (Post Construction)</u>	0%
<u>NO UPDATE:</u> <i>Task has not begun.</i>	
<u>Direct Expenses</u>	
<u>Mileage</u>	47%
<u>UPDATED:</u> The Project Manager visits the site 2-3 Days per Week. Inspector visits the site 5 Days per Week. Lab Technicians visit the site as required for the material testing.	
<u>Construction Material Testing (CMT)</u>	47%
<u>UPDATED:</u> B2Z performed the following concrete and density tests for the month of September. <ul style="list-style-type: none"> • B2Z Report No. LMR-12C 28 Day • B2Z Report No. LMR-13C 7 Day • B2Z Report No. LMR-14C 7 Day • B2Z Report No. LMR-15C 7 Day • B2Z Report No. LMR-C1 • B2Z Report No. LMR-56S • B2Z Report No. LMR-57S 	

Should you have any questions regarding this submittal, please do not hesitate to call me. Cell (956) 585-3773.

Sincerely,



Saul R. Munoz, P.E.
Project Manager
B2Z Engineering, LLC



Purchase Order COUNTY OF HIDALGO

PO# 856176

DATE: 11/15/22

PAGE NO: 1 of 1

PO TYPE:

VENDOR: 444121

REQ: 00463284

PHONE: (956) 583-3773

Fax: (956) 583-7116

EMAIL: B22@B22Eng.com

SHIP TO: HIDALGO CO. PCT 2

100 WEST HALL ACRES, SUITE G
PHARR TX 78577

B2Z ENGINEERING, LLC
900 S. STEWART RD. SUITE 4
MISSION TX 78572

CONTACT: EDUARDO SANJUAN

(956) 87-1591

SITE: COMMISSIONER, PRECINCT 2

CONTRACT NO: 2-4-25-02-27

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 pay all shipping costs.
4. Invoice each Purchase Order singly. Original invoices are required. Customer copy may be accepted. All numbers must appear on invoice with quantity and packages.
5. Payment will be made only for bona fide and fully completed orders. Invoices otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		DO NOT DUPLICATE ORDER		
		SANS: #DZF22FJGB 20		
		A. - 36927 AS APPROVED BY CC ON 08/09/2022 FOR WA42		
		CONTINUATION OF ONGOING PROJECT A1-81894 AS APPROVED BY CC ON 01/27/2022 C-18-075-02-27 FOR WA41		
		C-18-075-02-27 UPON COMPLETION OF THE PROJECT - PCT 2 LAD MILPIL ROAD (FROM SH 336 (LITE RT) TO MCOWLE RD) PROJECT		
		WORK AUTHORIZATION#3 APPROVED BY CC 08/09/22 A18463.7		
1.00	LOT	CC WORK AUTHORIZATION N.A. 1 TO PROVIDE CONSTRUCTION PHASE SERVICES (CONSTRUCTION MANAGEMENT, INSPECTION, MATERIAL TESTING) FOR THE PCT 2 LAD MILPIL ROAD (FROM SH 336 (LITE RT) TO MCOWLE RD) PROJECT	439,561.07	439,561.07
TOTAL:				439,561.07

REPORT ROAD HAZARDS -#06-406-SAFE OR 1-369-407-7233

.....
 for Hidalgo County use only
 1-358-481-00-120-04785841 439,561.07

Authorized by: