



# Invoice

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

Date	Invoice #
5/4/2017	20011

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  
 Pharr, TX 78589

Project Info:  
 GIS Mapping Services

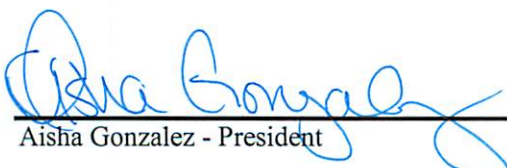
B2Z JOB: 2102  
 PO # 758957

**Billing Period** April 2017

Description	Contract	Previous Applications	Current Completed	Total Completed	% Complete
<b>GIS Mapping Services</b>					
Task 1 - Drainage Area Patterns Map Booklet	\$ 36,342.20	\$ 10,902.66	\$ -	\$ 10,902.66	30%
Task 2 - Assets Identification Exhibit	\$ 7,127.75	\$ 712.78	\$ 3,563.87	\$ 4,276.65	60%
Task 3 - Brush Route Zone Exhibit	\$ 11,930.44	\$ 1,193.04	\$ 3,579.14	\$ 4,772.18	40%
Task 4 - Shredder Zone Exhibit	\$ 16,427.31	\$ 1,642.73	\$ 4,928.19	\$ 6,570.92	40%
Task 5 - Patch Route Exhibit	\$ 16,427.31	\$ 1,642.73	\$ 4,928.19	\$ 6,570.92	40%
Task 6 - Overall Exhibit Highlighting Sanitation Permit Holders & Disposal Facility Location of Pct. #2	\$ 4,870.06	\$ 4,383.05	\$ 487.01	\$ 4,870.06	100%
Task 7 - Census & Demographic Exhibit	\$ 8,504.28	\$ 850.43	\$ 4,252.14	\$ 5,102.57	60%
Task 8 - Road Inventory Exhibit	\$ 23,249.20	\$ 2,324.92	\$ -	\$ 2,324.92	10%
Task 9 - Wifi Colonia Zone Map	\$ 7,782.32	\$ 778.23	\$ 2,334.70	\$ 3,112.93	40%
Task 10 - Meetings & Coordination with Hidalgo County Pct. #2	\$ 13,460.20	\$ 1,346.02	\$ 2,692.04	\$ 4,038.06	30%
<b>Direct Expenses</b>					
Mileage, Printing Reproduction, Binding, etc.	\$ 3,230.00	\$ -	\$ 323.00	\$ 323.00	10%
<b>Total For This Billing Period</b>					<b>\$27,088.28</b>

Work Authorization ~ Summary

<u>WA No.</u>	<u>WA Amount</u>	<u>Previously Inv.</u>	<u>Percent Complete</u>	<u>Remaining Balance</u>
3	\$149,351.07 ✓	\$25,776.59 ✓	35.4% ✓	\$96,486.20 ✓

  
 Aisha Gonzalez - President

PO # 758957  
 7-1200-431-00-122-004 -0-334  
 Req # 339128

May 1, 2017

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

**RE: Contract # 16-326-08-23 ~ Road and Bridge, CIP and Other Projects in General  
(On Call)  
Work Authorization #3 ~ GIS Mapping Services  
PO #758957**

Dear Commissioner Cantu:

Attached for your review and approval is our invoice for services rendered under Work Authorization #3 during the month of April 2017 on the subject referenced project.

The following is attached:

- Invoice No. 20011

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

TASK	% Complete
<b>Task 1 – Drainage Area Patterns Map Booklet</b>	
<b><u>NO UPDATE:</u></b> <i>See Progress Report dated March 29, 2017.</i>	<b>30%</b>
<b>Task 2 – Assets Identification Exhibit</b>	
<b><u>UPDATED:</u></b> <i>B2Z identified all Assets and Facilities in coordination with Pct. to ensure accuracy of locations. Individual shapefiles were created for each Asset/Facility. Recent location images were obtained for 13 of the 16 Assets/Facility locations. City Limits of San Juan were updated as research identified new limits. A Preliminary Exhibit was developed for the Pct. to analyze, provide comments, and redlines.</i>	<b>60%</b>

<b>Task 3 – Brush Route Zone Exhibit</b>	
<p><b>UPDATED:</b>  <i>B2Z researched and developed several preliminary brush routes by analyzing existing routes obtained from the Pct. New, more efficient routes were identified and developed (all are subject to modifications based on review and comments by the Pct.). Shapefiles were created for preliminary routes. New Brush Zones were created after analyzing existing zones provide by the Pct. Four zones were identified and Shapefiles were created for each zone. A Preliminary Exhibit was developed for the Pct. to analyze, provide comments, and redlines.</i></p>	<p>40%</p>
<b>Task 4 – Shredder Zone Exhibit</b>	
<p><b>UPDATED:</b>  <i>B2Z researched and developed several preliminary shredder routes by analyzing existing routes obtained from the Pct. New, more efficient routes were identified and developed (all are subject to modifications based on review and comments by the Pct.). Shapefiles were created for preliminary routes. New Brush Zones were developed based on preliminary routes. Four zones were identified and Shapefiles were created for each zone. A Preliminary Exhibit was developed for the Pct. to analyze, provide comments, and redlines.</i></p>	<p>40%</p>
<b>Task 5 – Patch Route Zone Exhibit</b>	
<p><b>UPDATED:</b>  <i>B2Z researched and developed several preliminary patch routes by analyzing existing routes obtained from the Pct. New, more efficient routes were identified and developed (all are subject to modifications based on review and comments by the Pct.). Shapefiles were created for preliminary routes and existing patch zones. A Preliminary Exhibit was developed for the Pct. to analyze, provide comments, and redlines.</i></p>	<p>40%</p>
<b>Task 6 – Overall Exhibit Highlighting Sanitation Permit Holders &amp; Disposal Facility Location of Pct. #2</b>	
<p><b>UPDATED:</b>  <i>B2Z finalized Overall Exhibit Highlighting Sanitation Permit Holders. Queries were created to identify only Sanitation Permit Holders in the Pct. Exhibit was updated with current imagery of Disposal Facility Location. B2Z printed a large Exhibit 42x50 on glossy, heavy-weight paper for display at the Pct. A Map Package was compiled that includes all digital data associated with the Exhibit allowing the Pct. to make any future modifications to the Exhibit.</i></p>	<p>100%</p>

<b>Task 7 – Census &amp; Demographic Exhibit</b>	
<p><b><u>UPDATED:</u></b>  <i>B2Z researched US Census Data and downloaded relevant shapefiles, and datasets provided by the US Census Bureau website associated with Census Tracts. This information was used to facilitate the development of the Census Demographic Mapping Queries (Datasets Downloaded - Total Population, Educational Attainment, Poverty Status in the past 12 Months, Median Household Income in past 12 months). B2Z merged each dataset tables with Census Tract shapefiles for manipulation and use of data. Queries were developed based on merged datasets to assist in the creation of the Census Demographic Mapping for Pct.</i></p>	<b>60%</b>
<b>Task 8 – Road Inventory Exhibit</b>	
<p><b><u>NO UPDATE:</u></b>  <i>See Progress Report dated March 29, 2017.</i></p>	<b>10%</b>
<b>Task 9 – Wi-Fi Colonia Zone Map</b>	
<p><b><u>UPDATED:</u></b>  <i>B2Z developed a Wi-Fi Colonia Zone Map specifically for the Little Mexico and South Tower Estates Subdivisions from KMZ data provided by the Pct. B2Z identified potential hotspot zones based on locations of existing solar power light poles. Research is being done to ensure sufficient coverage of Wi-Fi signal for the area. Further on-site research is also being done to locate existing solar power light poles not provided in KMZ data. A Preliminary Map was developed for the Pct. to analyze, provide comments, and redlines.</i></p>	<b>40%</b>
<b>Task 10 – Meetings &amp; Coordination with Hidalgo County Pct. #2</b>	
<p><b><u>UPDATED:</u></b>  <i>B2Z continues to meet with Pct. staff on a weekly basis regarding status of work completed as well as addressing question and progress.</i></p>	<b>30%</b>

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

Sincerely,

Antonio Perales  
Senior GIS Analyst – B2Z Engineering, LLC



# Purchase Order COUNTY OF HIDALGO

PO# 758957

DATE: 03/22/17

PAGE NO: 1 Of 1

**PO TYPE:**

VENDOR: 449121

REQ: 00339128

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

BADIOZZAMANI, ARON REZA  
B2Z ENGINEERING, LLC  
P.O. BOX 2724  
MCALLEN TX 78502

CONTACT: ARMANDO POMPA

(956) 787-1891

SITE: COMMISSIONER, PRECINCT 2

CONTRACT NO: C-16-326-08-23

**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. Our 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
1.00	LOT	DO NOT DUPLICATE ORDER  C-16-326-08-23 EXPIRES 8/22/17 GIS Mapping Services Work Auth No 3 Approved by CC 3/7/17 AI#58834  CC WORK AUTHORIZATION NO. 3 TO PROVIDE GIS MAPPING SERVICES THAT ENCOMPASS THE LIMITS OF HIDALGO COUNTY PCT 2	149,351.07	149,351.07
		TOTAL:		149,351.07
		***** For Hidalgo County use only 7-1200-431-00-122-006-0-334	149,351.07	

HIDALGO COUNTY  
PRECINCT NO. 2  
2017 MAR 27 AM 7 09

**SCANNED**  
3/27/17

Authorized by: Martha S. Salazar