



Purchase Order COUNTY OF HIDALGO

PO# 870363

DATE: 10/02/23

PAGE NO: 1 of 1

PO TYPE:

VENDOR: 449121

REQ: 00481435

PHONE: (956) 585-3773

Fax: (956) 583-7116

EMAIL: Reza@B2ZEng.com

SHIP TO: HIDALGO COUNTY JAIL

701 EL CIBOLO RD
EDINBURG Tx 78539

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

CONTACT: SGT.E LONGORIA

(956) 393-6023

SITE: HIDALGO COUNTY JAIL

CONTRACT NO: C-22-0728-01-01

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
		DO NOT DUPLICATE ORDER		
		C-22-0728-01-01 AI-92458 CC:09/19/2023		
		CONSTRUCTION MATERIAL TESTING FOR DETENTION CENTER PARKING LOT PROJECT.		
7.00	HRS	CC PROJECT ENGINEER (OVERSIGHT)	130.2100	911.47
14.00	HRS	CC SR. ENGINEERING TECH.	109.9500	1,539.30
81.00	HRS	CC TECH TIME	83.9100	6,796.71
1620.00	HRS	CC VEHICLE CHARGE PER TRIP	.6250	1,012.50
27.00	HRS	CC REPORTS	25.0000	675.00
29.00	HRS	CC ADMIN/CLERICAL	66.5500	1,929.95
4.00	EACH	CC ATTERBERG LIMITS OF SOILS	135.0000	540.00
1.00	EACH	CC GRADATION	90.0000	90.00
2.00	EACH	CC LIME SERIES DETERMINATION	400.0000	800.00
3.00	EACH	CC MOISTURE/DENSITY	225.0000	675.00
24.00	EACH	CC IN-PLACE DENSITY	28.0000	672.00
2.00	EACH	CC ROADWAY-PAVEMENT THICKNESS	65.0000	130.00
3.00	EACH	CC ROADWAY-ROLLING PATTERN	45.0000	135.00
20.00	EACH	CC COMPRESSIVE STRENGTH TESTS	30.0000	600.00
		TOTAL:		16,506.93
		REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233		
		***** For Hidalgo County use only 3-1100-423-21-280-005-0-740		16,506.93

Authorized by: _____

Ignacio Amigues

AI-92458
CC REGULAR AGENDA SPECIAL MTG

Purchasing Department 22. H. 1.
Sheriff's Office

Meeting Date: 09/19/2023

Submitted For: Ignacio Amezcua,
PURCHASING DEPT.

Submitted By: Victor Borrego

Department: PURCHASING DEPT.

CAPTION

Requesting approval of Amendment No.2 to Work Authorization No.2 of On-Call Professional Engineering Services between Hidalgo County and B2Z Engineering, LLC, to include Construction Material Testing Services for the Construction and Re-pavement of Sheriff's Office Parking Lot (C-22-0728-01-01), in the amount of \$16,506.93.

BACKGROUND

Fiscal Impact

CALENDAR YEAR: 2023

ACCT. #: 3-1100-423-21-280-005-0-740

FUNDS AVAILABLE Y/N?: Y

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Funds available as of 9/15/2023

Attachments

1295 Form
2nd Amendment
legal approval

Form Review

<u>Inbox</u>	<u>Reviewed By</u>	<u>Date</u>
Purchasing / Internal	Ignacio Amezcua	09/15/2023 10:28 AM
Budget & Management	Veronica Ortiz	09/15/2023 11:32 AM
Final Approval	Monica Salinas	09/15/2023 05:00 PM
Form Started By: Victor Borrego		Started On: 09/13/2023 10:19 AM
Final Approval Date: 09/15/2023		



Soil Nuclear Gauge

B2Z Report No. HCWP-4S
Report Date: 11/29/2023
Test Method: ASTM D 6938

Mission Office
900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Client:
Hidalgo County
100 North Clossner
Edinburg, TX 78539

Project:
4129
HCSO Detention Center West Parking Facility
CMT
701 El Cibolo Rd.
Edinburg, TX

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min Comp. (%)	Remark
4		11/28/23	Lime Treated Subgrade		CL/CH	12.8	117.7	11.2	115.1	128.0	6	97.8	95	DP/MP
5		11/28/23	Lime Treated Subgrade		CL/CH	12.8	117.7	10.9	112.1	124.3	6	95.2	95	DP/MP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
4	Other: 4'E of Center Line Sta. 25'N 10'E of SW Corner Final			Instrotek / 3500 Xplorer / 4507 / 01/24/2023	Hector Vazquez
5	Other: 9'W of Center Line Sta. 15'N 3'E of SW Corner 1st & Final			Instrotek / 3500 Xplorer / 4507 / 01/24/2023	Hector Vazquez

Remarks	Comments
DP/MP: Density Pass / Moisture Pass	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 4: Contractor Juan Loera present.

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager



Soil Nuclear Gauge

B2Z Report No. HCWP-3S
Report Date: 11/29/2023
Test Method: ASTM D 6938

Client:
Hidalgo County
100 North Closser
Edinburg, TX 78539

Project:
4129
HCSO Detention Center West Parking Facility
CMT
701 El Cibolo Rd.
Edinburg, TX

Mission Office
900 S Stewart Rd, Ste. 2
Mission, TX 78572
Phone: 956-585-3773

Test Results

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1		11/28/23	Lime Treated Subgrade		CL/CH	12.8	117.7	11.0	114.9	127.5	6	97.6	95	DP/MP
2		11/28/23	Lime Treated Subgrade		CL/CH	12.8	117.7	10.8	119.8	132.7	6	101.8	95	DP/MP
3		11/28/23	Lime Treated Subgrade		CL/CH	12.8	117.7	11.3	113.8	126.7	6	96.7	95	DP/MP

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
1	Other: Center Line Sta. 25'S 10'E of NW Corner 1st & Final			Instrotek / 3500 Xplorer / 4507 / 01/24/2023	Hector Vazquez
2	Other: 3'W of Center Line Sta. 70'S 8'E of NW Corner 1st & Final			Instrotek / 3500 Xplorer / 4507 / 01/24/2023	Hector Vazquez
3	Other: 5'E of Center Line Sta. 45'N 10'E of SW Corner 1st & Final			Instrotek / 3500 Xplorer / 4507 / 01/24/2023	Hector Vazquez

Remarks	Comments
DP/MP: Density Pass / Moisture Pass	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 1: Contractor Juan Loera present.

Respectfully Submitted by B2Z Engineering

Jorge Solis, Laboratory Manager



Req # ~~48140~~
~~#48141~~
#481435

B2Z Engineering, LLC.
900 S. Stewart Road
Suite 4
Mission, TX 78572
(956) 585-3773
Hector@B2ZEng.com

CONSTRUCTION MATERIALS TESTING

Hidalgo County Jail West Parking Facility Project

DATE

09/13/2023

DESCRIPTION OF WORK

Construction Material Testing Services

CLIENT

ATTN: Lt. Roy Mendez
Hidalgo County Sheriff's Office
701 El Cibolo Rd
Edinburg, Tx 78541
(956) 393-6023

LABOR	QTY	RATE/ HR	TOTAL
PERSONNEL			
Project Engineer (Oversight)	7.00	\$ 130.21	\$ 911.47
Sr. Engineering Tech.	14.00	\$ 109.95	\$ 1,539.30
Tech Time	81.00	\$ 83.91	\$ 6,796.71
Vehicle Charge per trip	1620.00	\$ 0.625	\$ 1,012.50
Reports	27.00	\$ 25.00	\$ 675.00
Admin/Clerical	29.00	\$ 66.55	\$ 1,929.95
ESTIMATED LABOR TOTAL			\$12,864.93

MATERIALS	QTY	UNIT PRICE/ EA	TOTAL
EARTHWORK			
Atterberg Limits of Soils	4.00	\$ 135.00	\$ 540.00
Gradation	1.00	\$ 90.00	\$ 90.00
Lime Series Determination	2.00	\$ 400.00	\$ 800.00
Moisture/Density	3.00	\$ 225.00	\$ 675.00
In-Place Density	24.00	\$ 28.00	\$ 672.00
HMAC			
Roadway -Pavement Thickness	2.00	\$ 65.00	\$ 130.00
Roadway -Rolling Pattern	3.00	\$ 45.00	\$ 135.00
CONCRETE/MASONARY			
Compressive Strength Tests	20.00	\$ 30.00	\$ 600.00
ESTIMATED MATERIALS TOTAL			\$3,642.00

ESTIMATED TOTAL			\$16,506.93
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THANK YOU

For questions concerning this estimate, please contact

Hector Cantu
(281) 717-4016
Hector@B2ZEng.com
www.B2ZEng.com

AUTHORIZED SIGNATURE

The specific hourly rate within each classification listed under Labor/Staff Classification depends on the experience, training, and qualifications of the personnel. A two (2) hour minimum billing at the applicable rate will be assessed per visit to project site.

Services provided on Saturday, Sunday and all work in excess of "normal" work hours will be invoiced at an overtime rate of 1.5 times the applicable rate for the work performed. The cost of services is based upon the assumption that services will be provided during "normal" working hours. Normal working hours are between 7:00 a.m. and 6:00 p.m., Monday through Friday.