



February 28, 2021

Commissioner Ellie Torres  
Attn: Velinda Reyes  
Hidalgo County, Pct. #4  
1051 N. Doolittle Road  
Edinburg, Texas 78542

**RE: Hidalgo County Bus Barn**

Dear Ms. Reyes:

Included for your use with this letter are test reports **R010-28** for **Concrete Compression Testing** performed on the above referenced project. As noted on our reports, all test results have met or exceeded project requirements. Also included for your use, is an invoice for the services provided.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project and we look forward to working with you in the future.

If you have any questions, feel free to contact me at 956-565-0760.

Sincerely,

Ricardo Gallaga, P.E.  
General Manager

**Attachments**

cc: Hidalgo County Pct. #4 – Attn: Velinda Reyes  
Half Associates, Inc. Attn: Raul Garcia, Jr. P.E., CFM  
Celso Gonzalez Construction, Inc. Attn: Celso Gonzalez Jr.- President

2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

Client Address: Hidalgo County Pct. #4  
 Velinda Reyes  
 1051 N. Doolittle Rd.  
 Edinburg, TX. 78542 USA

Account No.: E130  
 Project No: E130201  
 Project Desc.: Hidalgo County Sheriff's Bus Barn

Due Date: UPON RECEIPT  
 Budget/Remaining: \$5,509.18 / \$1,301.81

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92034 - Comp. Strength of Cyl. Specimen	\$16.89	2.00	\$33.78
940:94047 - Eng. Tech. (Concrete / Lab)	\$58.20	0.50	\$29.10
950:95060 - Admin/Clerical	\$58.20	0.25	\$14.55
950:95061 - Test Report	\$25.03	1.00	\$25.03
			<hr/>
			Total for this Invoice: \$102.46

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R010-28	11/25/2020	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$16.89	\$33.78
R010-28	11/25/2020	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$58.20	\$29.10
R010-28	11/25/2020	0.25	950:95060 - Admin/Clerical	Hour	\$58.20	\$14.55
R010-28	11/25/2020	1.00	950:95061 - Test Report	Each	\$25.03	\$25.03
			Sample Date: 11/25/2020			
						<hr/>
						Report Number R010-28 for a Subtotal of: \$102.46
						<hr/>
						Total for this Invoice: \$102.46

REMIT TO: 2100 W. Expressway 83  
 Mercedes, TX 78570  
 Office (956) 565-0760 Fax (956) 565-6746

Budget: \$5,509.18  
 Prev Inv: \$4,104.91  
 This Inv: \$102.46  
 Balance: \$1,301.81

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH

## CONCRETE COMPRESSION TEST REPORT

Project Description: Hidalgo County Sheriff's Bus Barn  
 Client: Hidalgo County Pct. #4  
 Engineer: Half & Associates, Inc.  
 Contractor: Celso Gonzalez Construction, Inc.

L&G Project Number: E130201  
 L&G Report Number: R010-28  
 Sample Date: 11/25/2020  
 Date Reported: 11/25/2020

Page 1 of 1

Placement Location: _____	Piers & Valley Gutter
Mix ID: <u>4000 CRI</u>	Supplier: <u>Central Ready Mix</u>
Specified Strength: <u>4,000 P.S.I. @ 28 days</u>	
Specified Slump: <u>Max 5</u>	Slump: <u>8.0"</u>
Specified Air Content: <u>As Approved</u>	Air Content: <u>1.8%</u>
Weather Conditions: _____	Air Temp.: <u>87°f</u>
Time Batched: <u>1:30 pm</u>	Concrete Temp.: <u>83°f</u>
Time Sampled: <u>2:45 pm</u>	CY: <u>10</u>
Plant Ticket No: <u>001</u>	
Truck No: <u>299</u>	
Water: <u>0 gal.</u>	

### Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Max Load (pounds)	Diameter	Area	Break Type	Comp. Strength	Average Strength (psi)	% of Design	Tested By
2	A	12/02/2020	7	108,555	6.000	28.274	Columnar	3,840		96.00%	M. Aguirre
	B	12/02/2020	7	111,035	6.000	28.274	Columnar	3,930	3,880	98.25%	M. Aguirre
	C	12/23/2020	28	143,275	6.000	28.274	Columnar	5,070		126.75%	I. Garcia
	D	12/23/2020	28	142,145	6.000	28.274	Conesplit	5,030	5,050	125.75%	I. Garcia

**Remarks/Comments:**

6 x 12 in. Cylinders ASTM C31, C39, C138, C143, C172, C231, C1064, C1231; AASHTO T22, T23, T119, T121, T141, T152  
 Test Methods: ASTM C31, C39, C138, C143, C172, C231, C1064, C1231; AASHTO T22, T23, T119, T121, T141, T152, T3

Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)  
 (Edinburg, TX) Attn: Maria Lucio  
 (1-cc copy)  
 1-cc Half & Associates, Inc.  
 Attn: Robert L. Saenz, PE, CFM, PMP  
 1-cc Celso Gonzalez Construction, Inc.  
 Attn: Celso Gonzalez  
 1-cc Laboratory

Respectfully Submitted,  
 L&G Engineering



Ricardo Gallaga, P.E., Project Manager