

PO# 152751 BH
rec 413857

7/25/17

AUSTIN-REED ENGINEERS, L.L.C.

GEOTECHNICAL CONSULTANTS
CONSTRUCTION MATERIALS TESTING

Page 1 of 3

Invoice No.1569

July 14, 2017

Fort Bend County Engineering Department
301 Jackson Street, 4th Floor
Richmond, Texas 77469
Attn: Mr. Stacy Slawinski
Construction Coordinator

CONTRACT No.
Outline Agreement No.

Construction Material Testing
PAVING AND DRAINAGE IMPROVEMENTS
2013 Mobility Bond Project No. 13202

Project No. 2017C05

BILLING COST IN MONTH OF APRIL 25 & JUNE ' 2017

TOTAL AMOUNT FOR CURRENT INVOICE DUE

OK, JSS
07/25/17
\$ 20,506.88

TOTAL CONTRACT AMOUNT

\$ 116,972.00 ✓

TOTAL PREVIOUS INVOICE AMOUNT

\$ -

TOTAL AMOUNT INVOICE UP TO DATE 17.5% of Budget

\$ 20,506.88

REMAINING BUDGET

\$ 96,465.13 ✓

I herby certify that the amount invoiced is true and correct to the best of my knowledge.

THANK YOU FOR YOUR BUSINESS

Sydney Austin P.E.
Sydney Austin P.E.

JJR

PROJECT NAME:		PAVING AND DRAINAGE IMPROVEMENTS		Invoice No.: 1569	
		BELLAIRE BOULEVARD - from FM 1464 to Sanpablo Dr.		Page 2 OF 4	
CLIENT:		Fort Bend County Engineering Department		LAB CONTRACT No.	
DATE :		7/14/2017		CONTRACT AMOUNT \$116,972.00	
				OA NO.:	
		BILLING COST IN MONTH OF APRIL 25 & JUNE ' 2017			
DATE	CODE	FIELD INSPECTION AND LABORATORY TESTING SERVICES	HRS./EA	UNIT COST	AMOUNT
4/25/2017	10200	Project Engineer, PE (Project Pre-Construction Meeting)	3.00	\$ 149.00	\$ 447.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
6/6/2017	10800	Technician ACI-I (Pick up Soil-Cement & Excavated Material)	3.00	\$ 51.00	\$ 153.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
6/7/2017	94500	OMD Cement Stabilized Soil (ASTM D558)	1	\$ 225.00	\$ 225.00
	10700	Tech. NICET-II (In-Place Density / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	2.00	\$ 97.50	\$ 195.00
	95100	Nuclear Density Gauge (ASTM D6938)	8.00	\$ 10.50	\$ 84.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
6/8/2017	10700	Tech. NICET-II (In-Place Density / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	0.25	\$ 97.50	\$ 24.38
	95100	Nuclear Density Gauge (ASTM D6938)	8.00	\$ 10.50	\$ 84.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	94100	Compressive Strength of CSS Sample	4	\$ 71.00	\$ 284.00
6/9/2017	92300	Standard Proctor Determination (ASTM D698-A)	2	\$ 204.00	\$ 408.00
	90100	Atterberg Limits Determination (ASTM D4318)	2	\$ 62.00	\$ 124.00
	90600	Finer than # 200 Sieve (ASTM D1140)	2	\$ 48.00	\$ 96.00
6/12/2017	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing); CANCELLED	4.25	\$ 65.00	\$ 276.25
	15000	Vehicle Charge (Max. 8Hrs./Day)	4.25	\$ 10.00	\$ 42.50
6/13/2017	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	3.00	\$ 97.50	\$ 292.50
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/14/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	1.75	\$ 97.50	\$ 170.63
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/15/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	0.25	\$ 97.50	\$ 24.38
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
				SUB-TOTAL	\$ 6,696.63

PROJECT NAME:	PAVING AND DRAINAGE IMPROVEMENTS	Invoice No.:	1569
	BELLAIRE BOULEVARD - from FM 1464 to Sanpablo Dr.	Page	3 OF 4
CLIENT:	Fort Bend County Engineering Department	LAB CONTRACT No.	
DATE :	6/30/2017	CONTRACT AMOUNT	\$116,972.00

BILLING COST IN MONTH OF JUNE ' 2017					
DATE	CODE	FIELD INSPECTION AND LABORATORY TESTING SERVICES	HRS./EA	UNIT COST	AMOUNT
6/15/2017	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/16/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	1.50	\$ 97.50	\$ 146.25
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/17/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 64.50	\$ 193.50
SATURDAY	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
6/19/2017	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	1.50	\$ 97.50	\$ 146.25
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/20/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	2.00	\$ 97.50	\$ 195.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/21/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	1.00	\$ 97.50	\$ 97.50
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/22/2017	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing); CANCELLE	4.00	\$ 65.00	\$ 260.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	2.00	\$ 10.00	\$ 20.00
6/23/2017	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing); CANCELLE	4.00	\$ 65.00	\$ 260.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	4.00	\$ 10.00	\$ 40.00
6/26/2017	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	7.00	\$ 65.00	\$ 455.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	7.00	\$ 10.00	\$ 70.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/27/2017	10700	Tech. NICET-II (Concrete Column Inspection / Testing)	6.00	\$ 65.00	\$ 390.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	6.00	\$ 10.00	\$ 60.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/28/2017	10700	Tech. NICET-II (Concrete Column Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	0.75	\$ 97.50	\$ 73.13
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
SUB-TOTAL					\$ 6,877.63

PROJECT NAME:		PAVING AND DRAINAGE IMPROVEMENTS	Invoice No.:		1569
		BELLAIRE BOULEVARD - from FM 1464 to Sanpablo Dr.	Page		4 OF 4
CLIENT:		Fort Bend County Engineering Department	LAB CONTRACT No.		
DATE :		6/30/2017	CONTRACT AMOUNT		\$116,972.00
BILLING COST IN MONTH OF JUNE ' 2017					
DATE	CODE	FIELD INSPECTION AND LABORATORY TESTING SERVICES	HRS./EA	UNIT COST	AMOUNT
6/29/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	2.00	\$ 97.50	\$ 195.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/30/2017	10900	Technician (Non Certified) (Cylinders Pick-up)1 set of 4 cylinders)	3.00	\$ 43.00	\$ 129.00
	15000	Vehicle Charge (Max. 8Hrs./Day)	3.00	\$ 10.00	\$ 30.00
	10700	Tech. NICET-II (Drill Shaft Footing Inspection / Testing)	8.00	\$ 65.00	\$ 520.00
	10700	Technician Overtime	0.75	\$ 97.50	\$ 73.13
	15000	Vehicle Charge (Max. 8Hrs./Day)	8.00	\$ 10.00	\$ 80.00
	92600	Slurry Testing (Tx Dot Item 421);(Sp.Gr.,Viscosity,Sand Content & PH)	2	\$ 42.00	\$ 84.00
	30100	Compressive Strength (6x12 Cylinders; ASTM C39)	4	\$ 17.00	\$ 68.00
6/30/2017	10200	Project Engineer, PE (consultation & coordinating w/contact	25	\$ 149.00	\$ 3,725.00
6/30/2017	10200	Project Engineer, PE(2.2 Engineer report review)	8	\$ 149.00	\$ 1,117.50
		1 report @ 0.25 /hr			
				SUB-TOTAL	\$ 6,932.63
				TOTAL	\$ 20,506.88

Harris, Britten

From: Slawinski, Stacy
Sent: Monday, July 17, 2017 4:07 PM
To: Harris, Britten
Cc: Crawford, Wesley
Subject: FW: Fort Bend Project 13202 - Bellaire Boulevard
Attachments: Invoice # 1569 April June' 2017.pdf

Britten,

Please process the attached invoice.

Thanks,

Stacy Slawinski

stacy.slawinski@fortbendcountytexas.gov

281-633-7508 office

From: Robert "Bob" Baker [<mailto:rbaker@othon.com>]
Sent: Friday, July 14, 2017 5:13 PM
To: Slawinski, Stacy
Cc: Crawford, Wesley
Subject: FW: Fort Bend Project 13202 - Bellaire Boulevard

Stacy,

Attached is Austin-Reed's Invoice as submitted with no revisions made. Sydney Austin called me at 4:40 PM today to explain his invoice and reply to the questions I sent to him which I summarized in red below. I have reviewed the invoice and agree to the days the lab was on-site performing tests but I still question the validity of the cylinder pick-up time and the hours Sydney is charging. Please advise if you want me to mark-up the invoice or if it is ok as submitted. Thanks, Bob

From: Robert "Bob" Baker
Sent: Friday, July 14, 2017 3:16 PM
To: 'Sydney Austin'
Subject: RE: Fort Bend Project 13202 - Bellaire Boulevard

Sydney,

Following review I have the following comments:

- 3 hour standard charge for cylinder pick-up: Does the NICET-II Tech. not return to the office at the end of the day to deliver the cylinders? If not then I would suspect a 2 hour charge would cover this activity with your lab being 16 miles away. Sydney stated the cylinders needed to be picked-up within 16 hours of being made and could not wait till the end of the day when the tech returned to the office. He also said it took 3 hours to complete the task.
- Cancellations: Why are these charged at 4 hours? Cancellations have been due to weather and we have known at the beginning of the day that no drilling will occur. If the technician is not notified prior to arriving at the jobsite I would think this would also be a 2 hour charge with a maximum of 3 hours. Sydney said his Fort Bend contract was written with the same cost structure as Harris County. Even though a cancellation charge is not included in his Fort Bend contract Harris County pays a 4 hour minimum charge and he was charging the same.
- Project Engineer 25 hours consultation & coordination with contractor: I do not understand this charge as there are hours listed for the project engineer to review reports. Sydney stated this charge was for consultation with the contractor to solve problems, He stated their typical charge for this was roughly 2 hours per week and the

project had been ongoing for 12 weeks. I told him the project did not have any lab activity till 6/06/17 which was 4 weeks and he told me he had spent that much time coordinating with the contractor and resolving problems.

Thanks, Bob

From: Sydney Austin [<mailto:saustin@austin-reedengineers.com>]

Sent: Friday, July 14, 2017 12:15 PM

To: Robert "Bob" Baker

Subject: Re: Fort Bend Project 13202 - Bellaire Boulevard

Bob, Please find attached our invoice No 1569 for your review and approval to Fort Bend County. The backup info is being sent separately.

thanks

Sydney Austin

On 6/8/2017 1:54 PM, Robert "Bob" Baker wrote:

Sydney,

Please use the following for distribution of all test reports:

- CM - Bob Baker (rbaker@othon.com)
- Contractor - Michael Boenig (michael@allgoodconst.com)

The inspector currently on the project is WL Lusk. His cell number is (936) 777-0325.

Thanks, Bob

--

Sydney W. Austin, PE
Principal

Austin-Reed Engineers, LLC

832-467-0088