



Amani Engineering, Inc.

• Engineers • Surveyors • Construction Managers

INVOICE

November 6, 2018

Via Email: ENGINvoices@fortbendcountytexas.gov

Copy: kmineo@binkleybarfield.com, DDicenso@ArdurraGroup.com

Fort Bend County Engineering Department
301 Jackson Street, 4th Floor
Richmond, Texas 77469
Attn: County Auditor

Improvements at three Intersections (1) Benton Road at Rohan Road
(2) Benton Road at A. Meyers Road; (3) Rohan Road at Minonite Road
Purchase Order Number: TBD; FBC Project Number: 17114

Invoice # ES180724-3R

Engineering Services for the period 9/29/2018 through 10/31/2018

Summary	Authorized Budget	Authorized Amount Remaining	% Completed	Invoiced To Date	Previously Invoiced	Net This Invoice
(A) BASIC SERVICES						
Preliminary Design	\$41,515.00	\$16,606.00	60.00%	\$24,909.00	\$18,681.75	\$6,227.25
Final Design	\$70,665.00	\$70,665.00	0.00%	\$0.00	\$0.00	\$0.00
Bid Phase	\$13,488.00	\$13,488.00	0.00%	\$0.00	\$0.00	\$0.00
Sub-Total (A)	\$125,668.00	\$100,759.00		\$24,909.00	\$18,681.75	\$6,227.25
(B) ADDITIONAL SERVICES						
Surveying Services (Sub - Rekha)	\$51,690.00	\$3,019.00	94.16%	\$48,671.00	\$43,614.00	\$5,057.00
Surveying Coordination - (Amani)	\$5,115.00	\$298.72	94.16%	\$4,816.28	\$4,316.03	\$500.25
Geotechnical Investigation (Sub - Earth)	\$29,654.00	\$1,933.95	93.48%	\$27,720.05	\$0.00	\$27,720.05
Geotechnical Coordination - (Amani)	\$2,993.00	\$195.15	93.48%	\$2,797.85	\$0.00	\$2,797.85
Hydrological & Hydraulic - (Kavi)	\$30,142.00	\$11,742.00	61.04%	\$18,400.00	\$0.00	\$18,400.00
Drainage Coordination - (Amani)	\$3,195.00	\$1,244.78	61.04%	\$1,950.22	\$0.00	\$1,950.22
Hydrological & Hydraulic [Roadway] - (Amani)	\$5,250.00	\$5,250.00	0.00%	\$0.00	\$0.00	\$0.00
Hydraulics & Design [Canal] - (Amani)	\$5,340.00	\$5,340.00	0.00%	\$0.00	\$0.00	\$0.00
Signing and Pavement Marking - (Kavi)	\$6,510.00	\$6,510.00	0.00%	\$0.00	\$0.00	\$0.00
Signing and Pavement Coordination - (Amani)	\$540.00	\$540.00	0.00%	\$0.00	\$0.00	\$0.00
Signing and Pavement Marking - (Amani)	\$1,830.00	\$1,830.00	0.00%	\$0.00	\$0.00	\$0.00
Storm Water Pollution Prevention - (Kavi)	\$4,520.00	\$4,520.00	0.00%	\$0.00	\$0.00	\$0.00
Storm Water Pollution Coordination (Amani)	\$375.00	\$375.00	0.00%	\$0.00	\$0.00	\$0.00
Storm Water Pollution Prevention - (Amani)	\$3,090.00	\$3,090.00	0.00%	\$0.00	\$0.00	\$0.00
Traffic Control Plan (Amani)	\$1,980.00	\$1,980.00	0.00%	\$0.00	\$0.00	\$0.00
Sub-Total (B)	\$152,224.00	\$47,868.60		\$104,355.40	\$47,930.03	\$56,425.37
Totals (A+B)	\$277,892.00	\$148,627.60		\$129,264.40	\$66,611.78	\$62,652.62

TOTAL AMOUNT DUE THIS INVOICE

I certify that the services represented by this bill are true and correct and have been rendered in accordance with the terms of this contract.

H. Prasad Kolluru
H. Prasad Kolluru, P.E.
President

TBPE Firm Reg No F-4528 | TBPLS Firm Reg No 100282-00
HPK dps:mm

\$62,652.62

11/07/18
OK, JSS

P:\Cadd\Amani Engg\Invoices\Fort Bend County\FortBend 2017 Mobility_Intersection Improvements\Inv#ES180724-3\Inv#ES180724-3R

PROGRESS REPORT
(Amani Engineering, Inc.)

FBC Project #: 17114

Project Description: Intersection Improvements: Benton Road at Rohan Road

Invoice Period: September 29, 2018, 2018 through October 31, 2018

Invoice Number: ES180724-3R

Reporting Period: September 29, 2018, 2018 through October 31, 2018

Activities performed this period:

- Reviewed final geotechnical report for all three intersections.
- Finalized the proposed plan and profiles for the 1st and 2nd intersections.
- Reviewing the preliminary drainage letter report for the first two intersections.
- Working on utility inventory (Utilities existing on the project and listing of conflicts)
- Started working on exhibits and cost estimate for each of the options for Rohan Rd at FM 2977 intersection (Bridge replacement and realignment).
- Working on PER report and Exhibits.

Planned activities for next period:

- Review the final drainage letter report, findings and design related to two Benton Road intersections.
- Submit PER and PER exhibits.
- PER presentation.

Issues / Concerns:

- TxDOT proposed improvements to FM 2977. Maintain coordination throughout design.
- Respond to NRG's canal easement question upon receipt of Rohan / FM 2977 ROW survey findings.

EARTH ENGINEERING, INC.
Geotechnical, Materials Testing & Environmental Consultants
 4877 Langfield Rd * Houston, Texas 77040 * 713-681-5311 * Fax: 713-681-5411

Employer Identification Number : 76-0547097

INVOICE

Fort Bend County Engineering
 301 Jackson St.
 Richmond, TX 77469

Date 10/4/2018

Invoice # 1820408-G

Budget Amount \$ 29,654.00

Invoiced to Date \$ 27,720.05

1820408-G Precinct 1 Intersections

Remaining Budget \$ 1,933.95

Service Date	Description	Unit Price	Quantity	Total
	Fort Bend County Mobility Bond Project Benton Road at Rohan Road, Benton Road at A. Meyers Road and Rohan Road at FM 2977 in Precinct 1			0.00
	95% Progress Billing through 10/4/18			
	Field Exploration			0.00
	Mobilization / Demobilization	300.00	3	900.00
	Drilling & Sampling 6 Borings at 10 Feet & 2 Borings at 20 feet	16.00	140	2,240.00
	Asphalt Coring 6"	130.00	10	1,300.00
	Grouting of Completed Borings	10.00	140	1,400.00
	Traffic Control	60.00	40	2,400.00
	Field Engineer Supervision & Layout	90.00	12	1,080.00
	Vehicle Charge	10.00	12	120.00
	Laboratory Testing			0.00
	Measuring Length of Cores	10.00	10	100.00
	Atterberg Limits	60.00	34	2,040.00
	Moisture Contents	10.00	46	460.00
	Percent Finer than No. 200 Sieve	45.00	8	360.00
	Unconfined Compressive Strength	45.00	6	270.00
	Unconsolidated-Undrained Triaxial Test	63.00	2	126.00
	California Bearing Ratio (CBR)	180.00	3	540.00
	OMD Standard Compaction	180.00	3	540.00
	Engineering & Report Writing			0.00
	Principal Engineer, P.E.	180.00	30	5,400.00
	Project Engineer, E.I.T.	90.00	100	9,000.00
	Support Personnel	43.00	21	903.00
	Progress Billing at 95% Completion	-1,458.95	1	-1,458.95
	Amount Remaining to be Billed = \$1,458.95			

Thank you. We appreciate your business!

Total Due \$27,720.05

Please make checks payable to Earth Engineering, Inc.

*** Pursuant to Texas Lien Laws - A lien will be placed on all outstanding invoices not paid within 60 days*



REKHA ENGINEERING INC.
 7676 HILLMONT, SUITE 350 - HOUSTON, TEXAS 77040
 PHONE: (713) 895-8080 -- FAX: (713) 895-7686
 WEBSITE: www.rekhaengineering.com - Email: rekhaengineering@sbcglobal.net
 TBPE No. F-3172 TBPLS No. 10133800

Bill To
AMANI ENGINEERING, INC. Dan Simeone, P.E. 8303 SW Frwy., Suite 600 Houston, TX 77074

Date	10/22/2018
Invoice #	2018-461

Due Date
10/22/2018

Description	Budget	% Complete	Invoiced Prior	Amount Due
Professional Land Surveying for 2017 Fort Bend County Mobility Project - Roadway Design Mobility Project - Various Intersections I-14 a) Intersection of Benton Road @ Rohan Road b) Benton Road @ a. Meyers Road - 1000' each leg (6,000 l.f.) Frt Bend County, TX (18 ac) (two intersections)				
Boundary 1a and Topographic surveys	42,000.00	95	37800.00	2,100.00
Professional Land Surveying for 2017 Fort Bend County Mobility Project - Roadway Design Mobility Project - Various Intersections I-14 (#3) @ Rohan Road @ FM 2977 - 350' on Rohan, 150' each way totaling 300' on FM 2977 plus Canal 150' each way totaling 300' - (950 l.f.) Fort Bend County, TX				
Boundary 1a and Topographic surveys	9690.00	90	5814.00	2,907.00
CenterPoint - Utility Maps	50.00	100		50.00
<div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> PLEASE NOTE OUR ADDRESS HAS CHANGED TO : 7676 HILLMONT SUITE 350 HOUSTON, TX 77040 </div>				

REKHA ENGINEERING, INC.

John H English
 Sr. Vice President

OK
[Signature]

Total Due Upon Receipt **\$5,057.00**

Balance Due **\$5,057.00**

October 29, 2018

RE: Partial Invoice for Preliminary Drainage Report for Intersection Improvements for Benton Road @ Rohan Road and Benton Road @ A.Meyers Road.

Please find the following invoice amount for the services completed till today.

Preliminary Cost Estimate: \$ 900.00

Preliminary Drainage Report: \$ 17,500.00

Total for this invoice: \$ 18,400.00

We truly appreciate the opportunity working with you.

Sincerely,
Vijaya Rapolu, P.E.
Kavi Consulting, Inc.

OK
H. P. Anderson

rapolu.vijaya@gmail.com

Svatek, Donna

From: Kevin A. Mineo, PE <kmineo@binkleybarfield.com>
Sent: Tuesday, November 06, 2018 4:07 PM
To: Svatek, Donna
Subject: RE: Improvements at three intersections, Project No. 17114, Fort Bend County; Amani Invoice #3R

Donna-

I approve this invoice for further processing.

Kind Regards,

Kevin A. Mineo, PE | Sr. Project Manager
Binkley & Barfield, Inc. | TBPE F-257 | 713.869.3433 p | 713.907.3422 c

From: Svatek, Donna <Donna.Svatek@fortbendcountytexas.gov>
Sent: Tuesday, November 6, 2018 3:15 PM
To: Kevin A. Mineo, PE <kmineo@binkleybarfield.com>
Subject: FW: Improvements at three intersections, Project No. 17114, Fort Bend County; Amani Invoice #3R

Please review and advise.

Thank you
Donna Svatek
Fort Bend County Engineering
281-633-7504

From: Mary Mathew <mmathew@amaniengineering.com>
Sent: Tuesday, November 06, 2018 10:44 AM
To: ENGInvoices <ENGInvoices@fortbendcountytexas.gov>
Cc: kmineo@binkleybarfield.com; DDicenso@ArdurraGroup.com
Subject: Improvements at three intersections, Project No. 17114, Fort Bend County; Amani Invoice #3R

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning,

Attached is our revised invoice for subject project.
Thank you,

Have a Blessed Day!

MARY MATHEW | OFFICE MANAGER

 **Amani Engineering, Inc.**
• Engineers • Surveyors • Construction Managers

8303 SW Frwy, Ste 600 | Houston, TX 77074 | Tel: 713.270.5700 x 106