

STATE OF TEXAS §
 §
 COUNTY OF FORT BEND §

**AMENDMENT TO AGREEMENT FOR
 PROFESSIONAL ENGINEERING SERVICES**

THIS AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter "County"), a body corporate and politic under the laws of the State of Texas, and Amani Engineering, Inc., (hereinafter "Contractor"), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services on July 24, 2018 pursuant to SOQ 14-025, (hereinafter "Agreement"); and

WHEREAS, the parties desire to amend the Agreement to allow Contractor to provide additional Services under the Agreement.

NOW, THEREFORE, the parties do mutually agree as follows:

1. County shall pay Contractor an additional amount not to exceed sixty-five thousand four hundred twenty-four dollars and no/100 (\$65,424.00) to perform the additional Services, as described in Contractor's Proposal for Engineering Services dated August 6, 2018 attached hereto as Exhibit "A" and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for all Services rendered is hereby increased to an amount not to exceed two hundred seventy-seven thousand eight hundred ninety-two dollars and no/100 (\$277,892.00), authorized as follows:
 - \$212,468.00 under the Agreement; and
 - \$65,424.00 under this Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Amendment exceed the Maximum Compensation without an agreement executed by the parties.

Except as provided herein, all terms and conditions of the Agreement shall remain unchanged.

EXHIBIT A



Amani Engineering, Inc.

• Engineers • Surveyors • Construction Managers

August 6, 2018

Mr. Kevin Mineo, P.E.
Binkley & Barfield, Inc.
1710 Seamist Drive
Houston, Texas 77008

Via E-mail:
KMineo@BinkleyBarfield.com

Re: Fort Bend County Mobility Bond Program
Project Number: 17114
**Proposal for Engineering Services: Rohan Rd at Minonite Rd
Revision 2**

Dear Mr. Mineo:

Thank you for selecting Amani Engineering, Inc. (Amani) to provide professional engineering services for the referenced project. Amani is pleased to provide this supplemental, revised fee proposal for the services described herein.

1. PROJECT SCOPE

Fort Bend County, Precinct 1 (County) proposes to make improvements to an existing roadway so as to provide traffic congestion relief to the traveling public. The westbound approach of Rohan Road at its tee intersection with FM 2977 (Minonite Rd) will be widened from 18-foot wide to 38-foot wide, comprising 2 traffic lanes and two 8-foot wide, paved shoulders. This widened pavement in Rohan Road will extend approximately 150-feet from the edge of Minonite Road before transitioning back to the existing 18-foot wide roadway by way of a taper approximately 100-feet long. In accordance with TxDOT's requirements, Rohan Road will tie to Minonite Road with returns having 50-foot radii. Rohan Road's widened approach will cross over the Richmond Rice Canal (Canal) located east of and parallel to Minonite Road. The roadway widening will, at a minimum, require modifications to the Canal's existing drainage structure beneath Rohan Road.

Based on the information provided by Binkley & Barfield, Inc. (BBI), our site visit, coordination with the Canal's owner, NRG Texas Power, LLC (NRG), and our review of the County's roadway and drainage design requirements, we have prepared the following scope of services as the basis for this fee proposal.

A. Rohan Road—Minonite Road Intersection

1. Design Services (Lump Sum)

- a. Widen the westbound approach of Rohan Road from the east edge of Minonite Road, for a distance of 150-feet, to 38-foot wide comprising two 11-foot wide traffic lanes and two 8-foot wide paved shoulders.
- b. Beginning at the east limit of the 150-foot long widened approach, transition the widened pavement section back to the existing roadway section (approximately 20-foot wide) within approximately 100-feet.
- c. Perform the hydrologic and hydraulic analyses and determine the roadway drainage system needs (i.e. modifications to roadside ditches) resulting from the roadway's increased impervious area.
- d. Provide on-site storm water detention for the increased runoff.
- e. Design a new cross-drainage structure to replace the existing, dual, 60-inch (est.) diameter, reinforced concrete pipe culvert structure for the Canal beneath Rohan Road.

- f. Perform hydraulic analyses for the Canal as required to demonstrate zero impacts to the water surface profile resulting from the new cross-drainage structure.
 - g. Provide erosion protection measures within the Canal, upstream and downstream of the Rohan Road crossing, sufficient to minimize the potential for bank and bottom erosion.
 - h. Provide an articulated trash rack structure (equal to or better than existing) within the Canal downstream of the crossing to reduce volume of bulk debris in the Canal's flow.
 - i. Provide for NRG access to the Canal right-of-way from Rohan Road sufficient to accommodate vehicular (HS-20) and construction equipment loads.
 - j. Coordinate with NRG for proposed improvements within or associated with the Canal.
 - k. Provide metal beam guard fence along the north and south sides of Rohan Road at the Canal crossing as required to satisfy governing requirements.
 - l. Request utility information from private utility companies. Determine critical path items.
 - m. Determine permit and regulatory requirements.
 - n. Perform topographic survey including establishment of existing rights-of-way and utilities. Identify potential utility conflicts.
 - o. Perform geotechnical investigation and submit report of findings and recommendations.
 - p. Prepare traffic control and detour plan.
 - q. Prepare storm water pollution prevention plan.
 - r. Prepare signage and pavement marking plan.
 - s. Prepare drawing set comprising, but not limited to typical sections, layout, survey control, plan-profile, drainage map, drainage calculation, canal erosion protection, culvert detail, canal access road, articulated trash rack, traffic control, storm water pollution prevention, signage and pavement marking, detail, roadway cross section, and earthwork cut-and-fill quantity sheets.
 - t. Prepare an opinion of probable construction cost.
 - u. Obtain approvals of Fort Bend County and governing agencies.
2. Bidding Services (Lump Sum)
 - a. Attend pre-bid meeting at the County and be prepared to briefly describe the project.
 - b. Prepare an addendum, if necessary, for distribution by the County.
 3. Construction Administration Services (Time and Materials)
 - a. Review and respond to contractor's submittals and shop drawings.
 - b. Respond to requests for information.
 - c. Participate in the substantial completion walk-through meeting.
 - d. Prepare record drawings of the project based on the contractor's as-built markups and deliver to the County one hardcopy of same.

B. Additional Services (Lump Sum)

1. REKHA Engineering, Inc. will serve as our subconsultant for surveying services.
2. Earth Engineering will serve as our subconsultant for geotechnical services.
3. Amani will prepare the traffic control, storm water pollution prevention, and signage and pavement marking plans. Amani will also perform the hydrologic and hydraulic services related to the roadway widening, and the hydraulic and design services related to the Canal.

2. ASSUMPTIONS

- A. The plans, specifications and estimates associated with the design and construction of the improvements described herein will be bid by the County together with those of the Benton Road—Rohan Road intersection, and the Benton Road—A. Meyers Road intersection in a single package.

3. EXCLUSIONS

- A. Right-of-way acquisition services.
- B. Subsurface utility engineering services.
- C. Relocation of third-party (private, franchise, etc.) utilities within the roadways' rights-of-way.
- D. Wetlands investigation.
- E. Notifications to the Texas Historical Commission.
- F. Phase 1 Environmental Site Assessment.
- G. Diversion canal design.
- H. Traffic signal design.
- I. Storm Water Quality Management Plan
- J. Offsite detention design and related property acquisition services.
- K. Performing periodic field visits during the construction period to observe work progress.
- L. Attending progress meetings during the construction period.

4. DELIVERABLES

- A. Preliminary Design (30% Milestone)
 - 1. Submit three copies of an informal (non-presentation), preliminary engineering report (PER) which includes:
 - a. Proposed improvements in plan view with minor annotations
 - b. Typical cross sections
 - c. Roadway and NRG canal drainage system designs / drainage report
 - d. Potential conflicts with existing facilities
 - e. Critical path items
 - f. Permit and regulatory requirements
 - g. Opinion of probable construction cost
 - h. Topographic survey, including existing utilities in plan and profile
 - i. Geotechnical investigation and report
- B. Final Design (Interim 70% Milestone)
 - 1. Submit three copies of the drawing set on 11" x 17" sheets including:
 - a. Cover sheet
 - b. Typical and non-standard cross sections
 - c. Project layout map
 - d. Survey control map
 - e. Drainage area map and hydraulic calculations
 - f. Roadway plan-profile sheets
 - g. Canal plan-profile sheets
 - h. Canal articulated trash rack detail
 - i. Construction phasing, detours and traffic control plans
 - j. Storm water pollution prevention plan
 - 2. Submit a digital copy in PDF format of the drawing set (Item 3.B.1. above) and a project manual including:
 - a. Specification table of contents
 - b. Special specifications (as applicable)
 - c. Opinion of probable construction cost.
- C. Final Design (Interim 95% Milestone)
 - 1. Drawing set submittal is the same as for the 70% submittal (Item 3.B.1 above) plus the following:
 - a. General notes
 - b. Earthwork quantities with cross sections 100' on center.
 - c. Signage and pavement marking plan
 - d. Standard construction details

2. Project manual submittal is the same as for the 70% submittal (Item 3.B.2 above) plus the following:
 - a. Front end documents (provided by County)
 - b. Bid form
 - c. Specifications table of contents with link to County website
 - d. Summary of work
- D. Final Design (100% Milestone)
 1. Submit one sealed and signed, hardcopy, 11" x 17" drawing set with NRG and private utility company approvals to the County, and a PDF submittal of the drawing set, project manual and opinion of probable construction cost to the Project Manager. Final design will be considered complete when the County approves the Contract Documents as evidenced by the County Engineer's signature on the drawing set's hardcopy cover sheet.
- E. Bid Phase
 1. N/A
- F. Construction Phase
 1. Review contractor's timely and written submittals, shop drawings and requests for information.
 2. Participate in substantial completion inspection
 3. Prepare and furnish to County record drawings prepared based on contractor's as-built redlined drawings from the field.

5. FEE

A. Preliminary Design (LS)		\$ 12,060
B. Final Design (LS)		\$ 13,395
C. Construction (T&M)		\$ 3,495
D. Additional Services (LS)		\$ 36,474
1. Survey and Mapping	\$ 10,620	
2. Geotechnical	\$ 8,364	
3. Hydrological and Hydraulic (Roadway)	\$ 5,250	
4. Hydraulics & Design (Canal)	\$ 5,340	
5. Signing and Pavement Marking	\$ 1,830	
6. Storm Water Pollution Prevention	\$ 3,090	
7. Traffic Control Plan	\$ 1,980	
E. Total Engineering Services Fee		\$ 65,424

6. SCHEDULE (see attached Gantt Chart)

- A. Thirteen weeks¹ (65 d) for 30% submittal (Preliminary Engineering Report).
- B. Ten weeks (50 d) from receipt of County's comments to 30% submittal for 70% submittal.
- C. Four weeks (20 d) from receipt of County's comments to 70% submittal for 95% submittal.
- D. Two weeks (10 d) from receipt of County's comments to 95% submittal for 100% submittal.

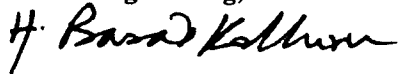
Services that are not included in the scope can be provided as-needed, based upon Amani's attached labor rate schedule.

¹ Schedule is based on working days.

August 6, 2018
Mr. Kevin Mineo, P.E.
Page 5 of 5


We appreciate the opportunity to propose on this project. If you have questions or need additional information, please call me at 713-270-5700 x101, or Mr. Mahesh Dutta at x109.

Yours sincerely,
Amani Engineering, Inc.



H. Prasad Kolluru, P.E.
President

TBPE Firm Reg. No. F-4528
TBPLS Firm Reg. No. 100282-00

HPK: md: 

Attachments: Amani Level of Effort Estimate
Amani 2018 Labor Rate Schedule
Amani Gantt Chart Schedule
Earth Engineering, Inc. 08/02/2018 Proposal (P-EE1819607-G)
REKHA Engineering, Inc. 07/24/2018 Proposal

LEVEL OF EFFORT ESTIMATE
Fort Bend County 2017 Mobility Bond Program
Intersection Improvements: Roahan Road at FM 2977 (Minonite Road)
Project No.: 17114

Client: FBC

8/6/2018

Item No.	Task Description	Principal Engineer	Project Manager	Senior Civil Engineer	Graduate Engineer / EIT	CADD Operator	Admin.	Subtotal Man Hours	Subtotal Labor Cost
Hourly Billing Rate:		\$ 195.00	\$ 165.00	\$ 150.00	\$ 105.00	\$ 90.00	\$ 60.00		
1.0	Preliminary Design Phase (LS):								
1.1	Visit Site		4					4	\$ 660
1.2	Obtain and Review Record Drawings		0.5		2			2.5	\$ 293
1.3	Identify and Contact Governing Agencies and Stakeholders		0.5		6			6.5	\$ 713
1.4	Typical Cross Sections (Existing)		1		2	12		15	\$ 1,455
1.5	Typical Sections (Proposed)		1		2	12		15	\$ 1,455
1.6	Right-of-Way Needs		1		4			5	\$ 585
1.7	Identify potential utility conflicts		1		2	5		8	\$ 825
1.8	Permit and Regulatory Requirements		1	2	6			9	\$ 1,095
1.9	Opinion of Probable Construction Cost		2		4	6		12	\$ 1,290
1.10	Prepare PER for County's internal review		2	2	12	8		24	\$ 2,610
1.11	Review Meeting with County Staff		4		4			8	\$ 1,080
1.12	Subtotal Preliminary Design:								\$ 12,060
2.0	Final Design Phase (LS):								
2.1	Cover and Sheet Index							0	\$ -
2.2	General Notes							0	\$ -
2.3	Project Layout Map							0	\$ -
2.4	Roadway Plan and Profile		4	2	8	24		38	\$ 3,960
2.5	Standard Construction Details							0	\$ -
2.6	Design Cross Sections (Key Locations and 100-ft.Stations)		2		8	12		22	\$ 2,250
2.7	Earthwork Cut & Fill Quantities			2	8	4		14	\$ 1,500
2.8	Front End Documents (from County)							0	\$ -
2.9	Bid Form		2		8			10	\$ 1,170
2.10	Summary of Work		1	1	4			6	\$ 735
2.11	Specifications Table of Contents (Linked to County Website)							0	\$ -
2.12	Special Specifications		1	1	4			6	\$ 735
2.13	Opinion of Probable Construction Cost		1		6	8		15	\$ 1,515
2.14	Project Management and Quality Control	2		6			4	12	\$ 1,530
2.15	Subtotal Final Design:								\$ 13,395

LEVEL OF EFFORT ESTIMATE
Fort Bend County 2017 Mobility Bond Program
Intersection Improvements: Roahan Road at FM 2977 (Minonite Road)
Project No.: 17114

Client: FBC

8/6/2018

Item No.	Task Description	Principal Engineer	Project Manager	Senior Civil Engineer	Graduate Engineer / EIT	CADD Operator	Admin.	Subtotal Man Hours	Subtotal Labor Cost
Hourly Billing Rate:		\$ 195.00	\$ 165.00	\$ 150.00	\$ 105.00	\$ 90.00	\$ 60.00		
3.0	Bidding & Construction Phases (T&M):								
3.1	Attend Pre-Bid Meeting							0	\$ -
3.2	Prepare and Issue Addendum for County Distribution							0	\$ -
3.3	Attend Pre-Construction Meeting							0	\$ -
3.4	Review and Respond to Contractor's Submittals and Shop Drawings		2		4			6	\$ 750
3.5	Respond to Requests for Information		6			2		8	\$ 1,170
3.6	Attend Substantial Completion Walk-through Meeting		4					4	\$ 660
3.7	Prepare and Submit Record Drawings		1		2	6		9	\$ 915
3.8	Subtotal Bidding & Construction:								\$ 3,495
4.0	Survey & Mapping Services: REKHA Engineering, Inc.								
4.1	Topographic survey existing conditions and utilities. Tie-in bore holes.								\$ 9,690
4.2	Survey Management, Coordination and QA/QC		2		4	2		8	\$ 930
4.3	Subtotal Survey & Mapping:								\$ 10,620
5.0	Geotechnical Investigation Services: Earth Engineering, Inc.								
5.1	Geotechnical Investigation and Report								\$ 7,599
5.2	Geotech Management, Coordination and QA/QC		1		4	2		7	\$ 765
5.3	Subtotal Geotechnical Investigation:								\$ 8,364
6.0	Hydrologic & Hydraulic Services (Roadway)								
6.1	Drainage analyses and design including on-site storm water detention.		2	4	24	20		50	\$ 5,250
6.2	Subtotal H & H Services (Roadway):								\$ 5,250
7.0	Hydraulic & Design Services (Canal)								
7.1	Hydraulic analysis to show zero impact to HGL		3	8	12	8		31	\$ 3,675
7.2	Articulated trash rack, access driveway		1	1	6	8		16	\$ 1,665
7.3	Subtotal Hydraulic & Design Services (Canal):								\$ 5,340
8.0	Signage & Pavement Marking Services								
8.1	Signage and pavement marking plans and details		2		4	12		18	\$ 1,830
8.2	Subtotal Signage & Pavement Marking:								\$ 1,830

LEVEL OF EFFORT ESTIMATE
Fort Bend County 2017 Mobility Bond Program
Intersection Improvements: Roahan Road at FM 2977 (Minonite Road)
Project No.: 17114

Client: FBC

8/6/2018

Item No.	Task Description	Principal Engineer	Project Manager	Senior Civil Engineer	Graduate Engineer / EIT	CADD Operator	Admin.	Subtotal Man Hours	Subtotal Labor Cost
Hourly Billing Rate:		\$ 195.00	\$ 165.00	\$ 150.00	\$ 105.00	\$ 90.00	\$ 60.00		
9.0	SWPPP Design Services								
9.1	SWPPP Layouts and details		1		4	8		13	\$ 1,305
9.2	SWPPP Manual		1		12	4		17	\$ 1,785
9.3								Subtotal SWPPP:	\$ 3,090
10.0	Traffic Control Plan								
10.1	Construction phasing, detour, and traffic control plans and details		2	1	4	12		19	\$ 1,980
10.2								Subtotal Traffic Control Plan:	\$ 1,980
7.0	Summary							Fee Type	Task Total
7.1	Preliminary Design Phase (1.12)							LS	\$ 12,060
7.2	Final Design Phase (2.15)							LS	\$ 13,395
7.3	Bidding & Construction Phases (3.8)							T & M	\$ 3,495
7.4	Survey & Mapping (4.3)							LS	\$ 10,620
7.5	Geotechnical Investigation (5.3)							LS	\$ 8,364
7.6	Hydrologic & Hydraulics: Roadway (6.2)							LS	\$ 5,250
7.7	Hydraulics & Design: Canal (7.3)							LS	\$ 5,340
7.8	Signage & Pavement Marking (8.2)							LS	\$ 1,830
7.9	Storm Water Pollution Prevention (9.3)							LS	\$ 3,090
7.10	Traffic Control Plan (10.2)							LS	\$ 1,980
7.11								Total Engineering Services Fee:	\$ 65,424



LABOR RATE SCHEDULE

<u>Category</u>	<u>Hourly Rate</u>
• Principal Engineer (P.E)	\$195.00
• Project Manager (P.E)	\$165.00
• Senior Civil Engineer (P.E.)	\$150.00
• Registered Professional Land Surveyor (R.P.L.S)	\$150.00
• Civil Engineer (P.E.)	\$140.00
• Structural Engineer (P.E.)	\$155.00
• Mechanical/ HVAC (P.E.)	\$155.00
• Electrical Engineer, (P.E.)	\$155.00
• Graduate Engineer/E.I.T.	\$105.00
• Senior Designer	\$105.00
• Designer/ Estimator/ Scheduler	\$ 90.00
• Construction Inspector	\$ 65.00 *
• Senior Construction Inspector	\$ 85.00 *
• CADD Operator	\$ 90.00
• Survey Technician	\$ 95.00
• SUE Technician	\$105.00
• Secretarial	\$ 60.00
• 4- Man Survey crew (6-hour minimum)	\$185.00
• 3- Man Survey crew (6-hour minimum)	\$160.00
• 2- Man Survey crew (6-hour minimum)	\$145.00
• GPS Instrument (6-hour minimum)	\$ 50.00
• SUE Crew w/ Vacuum Truck (8-hour minimum)	\$450.00

* Hourly rates for Construction Inspector vary depending upon the duration of contract and the skill level.

Project Schedule for
Fort Bend County 2017 Mobility Bond Program
Project Number E1-14

ID	Task Name	Duration	Start	Finish	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
					M	E	B	M	E	B	M	E	B	M	E	B	M	E	B
1	PRELIMINARY DESIGN	65 days	Tue 8/28/18	Mon 11/26/18															
2	NTP kick-off meeting	0 days	Tue 8/28/18	Tue 8/28/18															
3	Identify and contact private utility companies	5 days	Tue 8/28/18	Mon 9/3/18															
4	Obtain and review record drawings	5 days	Tue 9/4/18	Mon 9/10/18															
5	Topographic survey	15 days	Tue 9/11/18	Mon 10/1/18															
6	Drainage system modeling and design	10 days	Tue 9/25/18	Mon 10/8/18															
7	Geotechnical investigation	35 days	Tue 9/11/18	Mon 10/29/18															
8	Resolve potential conflicts	10 days	Tue 10/2/18	Mon 10/15/18															
9	Coordinate with NRG	10 days	Tue 10/9/18	Mon 10/22/18															
10	Prepare PER	11 days	Thu 10/18/18	Thu 11/1/18															
11	Prepare opinion of probable construction cost	4 days	Tue 10/30/18	Fri 11/2/18															
12	Submit PER for County review	0 days	Mon 11/5/18	Mon 11/5/18															
13	County review of PER	15 days	Tue 11/6/18	Mon 11/26/18															
14	Review meeting with County staff	0 days	Mon 11/26/18	Mon 11/26/18															
15	FINAL DESIGN	80 days	Mon 11/26/18	Fri 3/15/19															
16	70% Design Milestone	50 days	Mon 11/26/18	Fri 2/1/19															
17	Address County's comments from PER review	5 days	Mon 11/26/18	Fri 11/30/18															
18	Cover, typical sections, project layout and plan-pro	15 days	Mon 12/3/18	Fri 12/21/18															
19	Survey control maps and swing ties	5 days	Tue 12/4/18	Mon 12/10/18															
20	Drainage area maps and hydraulic calculations	10 days	Mon 11/26/18	Fri 12/7/18															
21	Construction phasing and traffic control plan	5 days	Mon 12/10/18	Fri 12/14/18															
22	Storm water pollution prevention plan	3 days	Thu 12/13/18	Mon 12/17/18															
23	Specification T.O.C., special specifications	3 days	Tue 12/18/18	Thu 12/20/18															
24	Opinion of probable construction cost	3 days	Fri 12/21/18	Tue 12/25/18															
25	Submit 70% drawing set for review & comment by utility companies	13 days	Wed 12/26/18	Fri 1/11/19															
26	Submit 70% design for County review	0 days	Fri 1/11/19	Fri 1/11/19															
27	County review of 70% submittal	15 days	Mon 1/14/19	Fri 2/1/19															
28	95% Design Milestone	20 days	Mon 2/4/19	Fri 3/1/19															

FBC Mob Pjct 114
Start Date 8-28-18
Printed on: Fri 8/3/18

Task		External Tasks		Manual Task		Finish-only
Split		External Milestone		Duration-only		Deadline
Milestone		Inactive Task		Manual Summary Rollup		Progress
Summary		Inactive Milestone		Manual Summary		
Project Summary		Inactive Summary		Start-only		



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Geotechnical, Materials Testing & Environmental Consultants
4877 Langfield Road • Houston, TX 77040 • T: (713) 681-5311 • F: (713) 681-5411 • www.eartheng.com

August 02, 2018

Mr. Dan Simeone, P.E.
Senior Project Manager
Amani Engineering Inc
8303 SW Frwy, Ste 600| Houston, TX 77074|
Tel: 713.270.5700 x104

Proposal No.: P-EE1819607-G
Sent Via E-Mail: DSimeone@AmaniEngineering.com

**FORT BEND COUNTY MOBILITY BOND PROJECT:
FBC 2017 MOBILITY - 3RD INTERSECTION AT ROHAN ROAD AND FM 2977 IN
IN RICHMOND, TX**

Dear Mr. Simeone,

Earth Engineering, Inc. is pleased to present this proposal to perform geotechnical Investigation for above project in Richmond, Texas.

Furnished information indicated that Fort Bend County is planning to improve the intersection between Rohan Road and FM 2977. Furnished information indicated that the scope of work will include

- Replace and widen Rohan Rd (from 18' to 38') from the intersection at FM 2977 to approximately 150' to the SE.
- Replace the MBGF and culvert. Rohan Rd will have 2-12' lanes and 8' outside shoulders.

SCOPE OF WORK

The scope of our services was specified based on Harris County Criteria and the City of Houston Department of Public Works and Engineering as follows:

The scope of our services was specified by the client as follows:

- Cut (2) cores prior to drilling for soil samples at the intersections.
- Drilling and sampling one (1) boring to a depth of 30-feet for the storm water trench and the intersection.
- Drilling and sampling one (1) boring to a depth of 10-feet for the intersection.
- Obtaining continuous soil samples to a depth of 15 feet, and then at five (5) foot intervals thereafter to the borings' termination depths.
- Earth Engineering will perform granular soil sampling utilizing the Standard Penetration Test (split spoon sampler) by driving. Blow counts will be recorded as produced by a 140-pound weight falling 30 inches (ASTM D-1558). Cohesive soils will be sampled using a thin-walled sampler (Shelby Tube) hydraulically pushed into the soil (ASTM D-1587).
- Performing laboratory tests on selected representative soil samples to develop the engineering properties of the soil. These tests may include: pocket penetrometers, unconfined compression, present moisture content, percent passing 200 sieves, dry densities, Atterberg Limits, Unconsolidated-Undrained Triaxial test, California Bearing Ratio (CBR), and OMD Standard Compaction as deemed appropriate.
- Utilizing the results of observations both in the field and in limited laboratory tests, Earth Engineering will author a report that will include the following subjects:
 - soil stratigraphy: soil encountered up to 30 feet
 - groundwater conditions and groundwater control during construction
 - boring log information will include all laboratory test results and field observations
 - develop design recommendations for the underground utilities. The recommendations will include buried structures such as manhole etc.
 - classify the soils types in accordance with OSHA requirements based on the characteristics of the soils along the alignment
 - recommend the utility bedding in accordance with City of Houston specifications



- present subgrade stabilization option such as lime/fly-ash for cohesion-less soils and lime for cohesive soils
- Equivalent Single Axle Load (ESAL) calculation (Traffic counts must be provided by the client)
- recommend construction considerations, as deemed necessary
- recommend back-fill material specifications
- discuss effects of poor drainage and presence of trees on the performance of the structures and pavement
- Incorporating all of the above into a geotechnical engineering report which is performed under the direction of, and signed by, a professional engineer registered in the State of Texas.

SCHEDULING

We anticipate that we can commence the fieldwork within two (2) to three (3) business days subsequent to our receiving your formal written authorization to proceed.

We anticipate that the field exploration and limited laboratory testing will require about 15 business days. Engineering analyses and report preparation will require approximately (20) business days. *Consequently, we anticipate our final report could be submitted within approximately seven (7) weeks subsequent to successful drilling of the borings.*

We will work with you to meet your deadline.



ESTIMATED FEES

The total cost for the geotechnical study is estimated to be **\$ 7,599.00.**

<i>SERVICE DESCRIPTION</i>	<i>UNIT FEE</i>	<i>AMOUNT</i>	<i>ESTIMATED COST</i>		
Field Exploration					
	Rate				
Mobilization/Demobilization	\$300	Mob	1	Mob	\$300.00
Drilling and Sampling (1 boring at 30 feet and 1 boring at 10)	\$18	foot	40	feet	\$720.00
Asphlat coring 6"	\$130	each	2	each	\$260.00
Grouting of completed borings	\$10	foot	40	feet	\$400.00
Traffic Control	\$100	hour	8	hours	\$800.00
Field Engineer supervision and layout	\$90.00	hour	8	hours	\$720.00
Vehicle Charge	\$10.00	hour	8	hours	\$80.00
			Subtotal:		\$3,280.00
Laboratory Testing					
Measuring the length of core	\$13.00	test	2	tests	\$26.00
Atterberg Limits (LL, Pi's)	\$62.00	test	8	tests	\$496.00
Moisture Contents	\$9.00	test	12	tests	\$108.00
Percent Finer than No. 200 Sieve	\$48.00	test	2	tests	\$96.00
Unconfined Compressive Strength	\$45.00	test	2	tests	\$90.00
Unconsolidated-Undrained Triaxial test	\$63.00	test	2	tests	\$126.00
California Bearing Ratio (CBR)	\$215.00	test	1	tests	\$215.00
OMD Standard Compaction	\$204.00	test	1	tests	\$204.00
			Subtotal:		\$1,361.00
Engineering and Report Writing					
Principal Engineer, P.E.	\$180.00	hour	5	hours	\$900.00
Project Engineer, EIT	\$90.00	hour	20	hours	\$1,800.00
Support Personnel	\$43.00	hour	6	hours	\$258.00
			Subtotal		\$2,958.00
			TOTAL		\$7,599.00

Notes:

1. Additional site visits, drilling, concrete coring, engineering analysis, and/or consultation beyond the scope of work specified in this proposal will be charged as additional fees using the above rates.



INSURANCE

Earth Engineering Inc. maintains the following insurance:

- Professional Liability (errors and omissions): **one million.**
- General Liability: **two million.**
- Workman's Compensation: **one million.**
- Commercial Auto Insurance: **one million.**
- Umbrella Insurance: **five million**

CLIENT RESPONSIBILITIES

Earth Engineering, Inc. requests that you provide the following information prior to the site visit and our site activities:

- Formal written authorization.
- Name and telephone number of a responsible client contact, if other than yourself.
- Any geotechnical, environmental, geologic, and hydrological report previously prepared for the study area, to which you have access, as well as information regarding any similar report currently being undertaken.
- Any restrictions or limitations to, or requirements for site access to be adhered to by Earth Engineering personnel.

Should you have any questions concerning this proposal or other services we may provide, please feel free to contact us at (713) 681-5311 or by e-mail at moes@eartheng.com. We will be pleased to discuss them with you.

Yours very truly,
EARTH ENGINEERING, INC.

Moe A. Shihadeh

Moe A. Shihadeh, P.E., D.GE
Principal - Diplomate Geotechnical Engineering

EARTH ENGINEERING, INC.



PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT, entered into on the 2nd day of August 2018 by and between **Amani Engineering Inc** (hereinafter referred to as "Client") and **Earth Engineering, Inc.** a Texas Corporation (hereinafter referred to as "EEI"), is as follows:

For mutual consideration stated herein, Client engages Earth Engineering, Inc. to perform professional services as presented in our proposal number P-EE1819607-G. The general Conditions agreed to by the parties are as follows:

1. **PARTIES:** Earth Engineering, Inc. (hereinafter "CONSULTANT") refers to the company performing the scope of work described herein. "Client" refers to the person or business entity ordering the scope of work to be performed by CONSULTANT. If the Client is ordering work on behalf of another, Client represents and warrants the duly authorized agency from the party that will benefit from the work. Unless otherwise stated in writing, Client assumes sole responsibility for the sufficiency of the work ordered. Client shall communicate these General Conditions to any third party to whom Client transmits any part of CONSULTANT's work. CONSULTANT shall have no duty or obligation to any third party greater than that set forth in this Agreement.
2. **SCOPE OF WORK:** "Work" means the specific environmental, geotechnical, analytical, construction materials testing or another service to be performed by CONSULTANT as mentioned above including necessary field and laboratory testing as well as providing geotechnical recommendations in a report form. CONSULTANT will commence the services upon CLIENT's written notification to proceed.
3. **AMENDMENTS.** The client, without validating this Agreement, may request changes within the general scope of the services required by this Agreement by altering or adding to the Services to be performed, and any such changes in Services shall be performed subject to this agreement. Upon receiving client's request, CONSULTANT shall return to CLIENT a change proposal setting forth an adjustment to the Services and Project Cost estimated by CONSULTANT to represent the value of the requested changes. Following CLIENT's review of CONSULTANT's changes proposal, CLIENT shall execute a written change order or contract amendment directing CONSULTANT to perform the changes in services.
4. **TESTS AND INSPECTIONS:** Client shall ensure all tests and inspections of the site, all materials provided, and work performed by others are delivered in a timely manner in accordance with the plans, specifications, contract documents, and CONSULTANT's recommendations. No claims for loss, damage or injury shall be brought against CONSULTANT by Client or any third party unless all reviews, tests, and inspections have been so performed and unless CONSULTANT's recommendations have been followed. If CLIENT objects to all or any portion of any invoice, it shall notify CONSULTANT in writing of the same within fifteen (15) days from the date of actual receipt of the invoice and shall pay timely that portion of the invoice not in dispute.
5. **SCHEDULING OF WORK:** The services in the proposal will be accomplished in a timely, workmanlike and professional manner by CONSULTANT personnel or authorized subcontractors. If CONSULTANT is required to delay commencement of work or if, upon undertaking work, CONSULTANT is required to halt work due to changes in the scope of work, interruptions in other aspects of the Project, or other causes beyond the reasonable control of CONSULTANT, additional charges will be applicable and payable by the Client.
6. **ACCESS TO SITE:** Client will provide access to the site for CONSULTANT to perform the work. CONSULTANT shall take reasonable measures to minimize damage to the site and any improvements as the result of its work; however, CONSULTANT has not included in its fee the cost of restoration of damage, which may occur. CONSULTANT will restore the site to its former condition upon written request from Client that provides for payment to CONSULTANT for the cost thereof.
7. **DAMAGE TO EXISTING MAN-MADE OBJECTS:** Unless CONSULTANT assumes in writing the responsibility of locating subsurface or latent conditions, Client agrees to indemnify and save CONSULTANT harmless from all claims, suits, losses, cost and expenses, including reasonable attorneys' fees as a result of personal injury, death or property damage occurring with respect to CONSULTANT's performance of its work and arising from subsurface or latent conditions, or damage to subsurface or latent objects, structures, lines or conduits where the actual presence and location thereof was not revealed to CONSULTANT by Client.
8. **CONFIDENTIALITY:** During the Project, CONSULTANT and its employees may obtain, directly or indirectly, secret and confidential information considered proprietary by Client. CONSULTANT agrees, on behalf of itself and its employees, to maintain the confidentiality of all proprietary information unless directed by Client in writing to disclose the information to others.
9. **LIABILITY:** With respect to the services performed by CONSULTANT, its employees, agents, affiliates and subcontractors, damage, costs, expenses, or other liability, direct or indirect, shall be limited to \$7,599.00 or CONSULTANT'S FEE under paragraph 3, whichever is less. In no cases shall CONSULTANT be liable for punitive, special, incidental, exemplary or consequential damages.
10. **RESPONSIBILITY:** CONSULTANT's work shall not include determining or implementing the means, methods, techniques, sequences or procedures of construction. CONSULTANT will not be responsible for evaluating, reporting or affecting job conditions relative to the health, safety or welfare of any persons other than its own employees. CONSULTANT's work or failure to perform same shall not in any way excuse any contractor, subcontractor or supplier from the performance of its work in accordance with the contract documents.



CONSULTANT RESPONSIBILITIES

- 11. **SAMPLE DISPOSAL:** Unless otherwise agreed, test specimens or samples will be disposed immediately upon completion of the test. All drilling samples or specimens will be disposed of **thirty (30) days after** submission of CONSULTANT's report. All archaeological samples will be returned to Client for permanent curation following submittal of CONSULTANT's final report.
- 12. **PAYMENT:** Client shall be invoiced once the report is completed. Client agrees to pay the invoice upon receipt. **Reports will be mailed once the payment is received.** Client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause within thirty (30) days at the rate of eighteen percent (18%) per annum (or the maximum interest rate permitted under applicable law, whichever is the lesser) until paid. Client agrees to pay CONSULTANT's cost of collection of all amounts due and unpaid after sixty (60) days, including court costs and reasonable attorney's fees. Remedies available to CONSULTANT for the collection of amounts due, including mechanic's liens, shall not be limited by a contractual provision or other agreement that is not specifically made apart of this Agreement.
- 13. **TERMINATION:** This Agreement may be terminated by either party upon forty-eight (48) hours written notice. In the event of termination, CONSULTANT shall be compensated by Client for all services performed up to and including the termination date, including reimbursable expenses, and or the completion of such services and records as are necessary to place CONSULTANT's files in order and/or to protect his professional reputation. In the event Services cannot be performed on or before the projected due date because of circumstances beyond the control of CONSULTANT, including, but not limited to, strike, fire, riot, excessive precipitation, act of God, environmental conditions, governmental action, third party action or action or omission by CLIENT, the Services shall be amended by CLIENT and CONSULTANT in accordance with paragraph 2 of this agreement.
- 14. **WARRANTY:** CONSULTANT's services will be performed, its finds obtained, and its reports prepared in accordance with the proposal, Client's acceptance thereof, this Agreement, and with generally accepted engineering principles and practices. In performing its professional services, CONSULTANT will use that degree of care and skill ordinarily exercised under similar circumstances by members of its profession. This warranty is in lieu of all other warranties, either express or implied. Should CONSULTANT, or any of its professional employees be found to have been negligent in the performance of professional services or to have breached the express warranty made herein, Client and all third parties claiming through Client agree that the maximum, aggregate liability of CONSULTANT and its professional employees shall be limited to the total amount of the fee paid to CONSULTANT for professional services with respect to the Project.
- 15. **ARBITRATION:** CONSULTANT shall not be bound by any contractual provision or other agreement requiring or providing for arbitration of disputes or controversies arising out of CONSULTANT's work, which is not specifically made a part of this Agreement.
- 16. **PRIORITY OF DOCUMENTS:** The terms of this Agreement shall control over any conflicting provisions within purchase orders, work orders, letters of intent, or other similar documents.
- 17. **APPLICABLE LAW:** This Agreement shall be governed by and construed according to the laws of the State of Texas. The venue for all claims asserted under this Agreement shall be Harris County, Texas.
- 18. **WAIVER OF SUBROGATION:** In the event, the client requests Waiver of Subrogation as part of the insurance coverage, an additional fee of \$200 will be invoiced to cover the additional insurance charges.
- 19. **COLLECTIONS/MECHANIC'S LIEN:** In the event that client fails to pay for the said report, an additional fee of \$200.00 will be assessed to invoice to cover the cost of collections and filing fees of mechanic's lien with the courts.

The parties hereto have accepted the terms and conditions stated herein and have caused this Agreement to be executed by their duly authorized representatives, as follows:

EARTH ENGINEERING, INC.

Amani Engineering Inc

Moe A. Shihadeh

Signature

Signature

Moe A. Shihadeh, P.E., D.GE

Print Name

Print Name

Principal - Diplomate Geotechnical Engineering

Title

Title

2nd August 2018

Date

Date





REKHA ENGINEERING, INC.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

Mr. Dan Simeone, P.E.
Senior Project Manager

July 24, 2018

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

8303 SW Frwy, Ste 600 | Houston, TX 77074 | Tel: 713.270.5700 x104
DSimeone@AmaniEngineering.com

RE: Proposal and Letter of Agreement for: 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' ea way totaling 300' – (950 l.f.) Fort Bend County, Tx

REKHA ENGINEERING, INC. ("RE") is pleased to submit the following proposal and letter of agreement to provide professional land surveying services for the referenced project. Included in the overall scope is to prepare a) Survey Control Map, b) Topographic Survey Category 6 and c) Boundary Category 1A survey for 350 L.F. on Rohan from FM 2977 plus 20' outside of right-of-way plus all structures within 100' of the right-of-way plus 150 l.f. ea way totaling 300' on FM 2977 plus Canal on FM 2977 matches 150' each way totaling 300' on the canal which will be performed by our field land survey crews, calculation and AutoCAD cad technicians with professional review by our inhouse Registered Professional Land Surveyor.

The Topographic Survey Category 6 will consist of topographic cross sections showing all improvements within the right-of-way including utilities, pavement, drainage structures, ditches, swales, signage, striping, existing property corners and markers of right-of-way plus adjoining tracts, and other improvements, 20' outside of the right-of-way. Included is establishing temporary benchmarks at 1000' intervals based on a current FEMA benchmarks and Fort Bend County benchmarks with baseline control. Abstracting of the right-of-way plus adjoining tracts within the project area shall be performed with ownership so right-of-way widths plus boundary tracts adjacent are established. Structures within 100' of the right-of-way shall be located horizontal and vertically. A complete utility investigation will be performed for water, sewer, drainage, electric, telephone plus gas utilities (including optic).

Once right-of-way needs have been determined and approved by the county, a Boundary Category 1A survey will be performed to produce: 1) an overall map showing the existing and proposed right-of-way adjacent tracts with ownership including abstract information and stationing, 2) a parcel map and metes-and-bounds description for each parcel required for right-of-way acquisition plus setting of property corners and 3) a KMZ file (used by Google Earth) showing existing right-of-way with ownership information, proposed takings with parcel numbers, and a preliminary roadway layout. Right-of-way documents will be provided separately from other design documents and paid per-parcel basis.

TBPE FIRM NO. F-3712 TBPLS FIRM NO. 10133800
5301 HOLLISTER, SUITE 190 - HOUSTON, TEXAS 77040
PHONE: (713) 895-8080/8081 - FAX: (713) 895-7686
Website: www.rekhaengineering.com - E-mail: jake1@pdq.net



REKHA ENGINEERING, INC.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

Deliverable items shall be a) 2D Plainview drawing in AutoCAD Civil 3D Format b) ASCII files c) Texas RPLS signed and stamp Survey Control Map including swing ties.

Note **not included** are the following: any other land surveying services except as referenced above including no profile preparation plus cross section drafting. Proposed schedule is to complete the land surveying for the intersection within 3 weeks due to ditch depth and FM 2977 being a very busy intersection.

REKHA Engineering, Inc. will perform the referenced services for the referenced project for a lump sum fee of:

- 1. Boundary 1a and Topographic surveys as referenced above \$ 9,690.00
- 2. Parcel Maps w/ Legal descriptions plus set property corners \$ 3,500.00 each if required

Including reimbursable expenses and no state sales tax (n.a.). Reimbursable Expenses (RE) consist of mileage, plots, reproduction, filing fees, etc. as shown on Exhibit "A". Note if the scope of services is adjusted or changed, and upon your **written** approval, we shall invoice extra services on an hourly basis as per Exhibit "A", attached hereto and made a part hereof. If this is acceptable to you, please sign below and return one fully executed original to us, at which time this will become a binding Agreement between us. Upon receipt thereof, we will immediately commence performance of our services. **Payment will be due upon receipt of this invoice per overall agreement.** In the event this account is placed for collection with any party or through judicial proceedings, you agreed to pay all costs incurred and/or are awarded by the court and in addition to any principal, prejudgment interest and all costs associated with the collection, including deliveries, etc... Furthermore, you agree that all past sums bear interest of at the 1.5% per month or 18% per annum on any and all outstanding balances. Venue for any dispute under this contract is Houston, Harris County, Texas. All sums are due and payable in Houston, Harris County, Texas. **Presently, RE has 2,000,000 professional liability insurance coverage; workman compensation coverage; and \$2,000,000 umbrella liability coverage. However, it is agreed that RE will be responsible only for loss or injury caused by acts or omissions of its agents and employees, and Owner will indemnify and hold RE harmless from any and all claims or causes of action arising, in whole or in part, from the act or omissions of Owner, Owner's agents, employees, third parties and/or consultants associated with the Owner & the herein referenced project.**

RE Appreciates the opportunity to submit this proposal and we are ready to perform for you!!

REKHA ENGINEERING, INC.

By:  John H. English, Sr. Vice President

AGREED AND ACCEPTED BY:

By: _____

(Note: the entity and person that is signing this proposal is responsible for payment).

Type Name: _____

Date _____

Telephone & Email _____

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REKHA ENGINEERING, INC.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

EXHIBIT "A"

2018 Hourly Rates (for RE, INC. = REKHA Engineering, Inc. REI-RE)

Land Surveying - 1-1-18

Principal	\$175.00/hr
Project Manager	150.00/hr
Surveyor (RPLS)	\$125.00/hr
Technician	\$95.00/hr
Secretary	\$55.00/hr
Survey Crew (Crew w/ Data Coll + Robotic Total Station w GPS)	\$130.00/hr
Survey Crew (2-Man Crew " " ")	\$155.00/hr
Permitting expediter process and services	45.00/hr

Reimbursable Expenses and Handling Charges (REI) – see below list

h. Reproduction (Out of Office)	(cost + 15%)
i. Mileage	\$ 0.65/mile
j. <u>Reproduction - In Office</u> - computer plots (D size)	6.00 per plot
k. " " " (E size)	9.00 per plot
l. Black Line and check plots for design	5.00 each
m. Mylars, Vellums and/or Sepia	20.00 each
n. Field Supplies - Survey lathes, hubs, iron rods, etc...	\$ 3.00 ea.
<u>Delivery</u> including handling by in office	35.00/del
<u>Out of Town Expenses-</u> Meal Cost per person per day	35.00/day
Airplane Flight, rent car, expenses from trip, REI, Motel, Hotel	(Cost + 10%)

Items which are charged hourly per this exhibit & additional conditions of this agreement

1. In the event that payment is not made within 60 calendar days of the date of the invoice submitted per the proposal agreement, referenced Client agrees fully to make full payment at the time the civil engineering and/or land surveying product is ready for pickup at RE, Inc. office. (RE, Inc.= REKHA Engineering, Inc.). All meetings are port to port.
2. All Fees for application fees, building fee, subdivision plat fees, HL&P (CenterPoint or others) Plan fees (\$50.00) and any other municipal / public utility company fee shall be paid by the client directly plus other consultant fees (soils, etc...). Plus City of Houston plat fees –estimated recordation review fee - \$ 400.00, Harris County plat review fee - \$ 600.00.
- 3) Set Property Corners after the survey is complete is additional & charged Hourly @ 130/hr + calculations - included
- 4) Client to provide all original tax certificates & updated title reports for all subdivision plat submittals for review & recordation at their cost. REKHA can obtain all tax certificates for a hourly charge of a technician rates per this exhibit plus REI.

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REKHA ENGINEERING, INC.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

- 5) On all update surveys (in the proposal ref: it will say Update), if additional improvements are found compared to the previous survey completed, surveying and cadding the additional improvements shall be charged hourly per this exhibit A plus the original survey update fee plus reimbursable expenses and sale tax.
- 6) If this proposal is not executed after 45 work days of the date of the proposal, this proposal is void unless RE, Inc. approves an extension. If this proposal is executed for a project and the phases start 3 months after the date of the previous phase ends, this proposal is void unless re-executed or extension is granted by RE, Inc. If work has started on this proposal and then ceased for 60 days – an hourly rate may be charged to re-activate the work.
- 7) Subdivision Plat – Variance Request and/or Public Hearing to a Plat- if a Variance and/or Public Hearing for a subdivision plat is required before or after submittal, there is a \$ 650.00 charge additional to the original engineering fee per item plus reimbursable per this exhibit to the original proposal plat fee to prepare, submit and coordinate this submittal for a variance and hopefully approval.
- 8) Client indemnifies RE, Inc. and limits the amount of liability to REKHA Engineering, Inc. for any and all civil engineering & land surveying services performed for the referenced client to twice the amount of the engineering &/or survey fee being charged per project as described on the cover sheet of this proposal. N.A.
- 9) Classification of completion of projects and invoicing are as follows: a) 50% is Preliminary Engineering, b) 90% is Final Engineering and submittals to agencies - 100% is approvals from agencies for civil engineering. Agency comments being 3 months after the plans has been issued for review shall be hourly as per this Exhibit A.
- 10) Note that others will provide a title report with all backup documents plus adjoiner deeds showing the boundary of the tract and REI shall not be responsible for any and all abstracting including adjoiner deeds for the referenced project. Additional updates with new title reports after this survey is issued and attorney comments shall be additional and shall be charged hourly as per Exhibit "A". (by REKHA)
- 11) Note that this proposal for professional services do not include diligence investigations for utility service and connection points for all utilities, platting, approvals, and other items out of the scope of services of the above described proposed services. The land owner / developer is responsible for all diligences for any and all tracts of land they are planning to purchase / lease unless they specifically request REKHA (REI) to perform those services.
- 14) Based on the execution of this agreement by the client gives permission to RE to enter referenced property to perform all services as quoted attached in this proposal.
- 15) It is agreed by client that RE will be responsible only for loss or injury caused by acts or omissions of its agents and employees, and Owner will indemnify and hold RE harmless from any and all claims or causes, of action arising, in whole or in part, from the act or omissions of Owner, Owner's agents, employees, third parties and/or consultants associated with the Owner & the herein referenced project.
- 16) The survey is being provided solely for the use of the current parties and no license has been created, express or implied, to copy the survey except as is necessary in conjunction with the original transaction, as referenced in this proposal, which shall take place within a six month from the date of the referenced proposal is executed.

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CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

17) Note not included in any survey efforts or feasibility efforts in this proposal are location of fiber optic, electrical, cables and other underground utilities that are installed by owner or other entities that are not located on the top of the ground and/or not disclosed by owner at the time of the approval of this proposal by owner. Surveyor will make best attempt to collect this information and show as estimated locations per maps collected but no warranties are provided for these items in this proposal.

Description	Proj Mgr	RPLS	Tech	Survey Crew	Admin	Total
Proj Mangement	1	2				\$400.00
Data Collection & Review		2				\$250.00
Field Right-of-way		2	1	4		\$865.00
Field Topographic		2	1	20		\$2,945.00
Utility Investigation		1	1			\$220.00
Abstracting		1	1			\$220.00
Boundary 1A Map	1	2	6			\$970.00
Topographic Cat 6 Map	1	2	16			\$1,920.00
Control Map	1	2	8			\$1,160.00
Final Review & Coor	2	2	2			\$740.00
total hours	6	18	36	24		\$9,690.00
rate	\$ 150/hr	\$ 125/hr	\$95.00	\$ 130/hr	\$55.00	
Total Fee	\$900.00	\$2,250.00	\$3,420.00	\$3,120.00	\$.00	\$9,690.00

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Website: www.rekhaengineering.com - E-mail: jake1@pdq.net

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Amani Engineering, Inc.
Houston, TX United States

Certificate Number:
2018-395397

Date Filed:
08/22/2018

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Fort Bend County

Date Acknowledged:
09/04/2018

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

17114 [SOQ 14-025]
Amendment to Agreement for Professional Engineering Services on July 24, 2018

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Amani Engineering, Inc.
 Houston, TX United States

Certificate Number:
 2018-395397

Date Filed:
 08/22/2018

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Fort Bend County

Date Acknowledged:
 09/04/2018

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

17114 [SOQ 14-025]
 Amendment to Agreement for Professional Engineering Services on July 24, 2018

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

 Signature of authorized agent of contracting business entity
 (Declarant)