

STATE OF TEXAS                    §  
  §  
COUNTY OF FORT BEND        §

**SECOND AMENDMENT TO AGREEMENT FOR  
PROFESSIONAL ENGINEERING SERVICES**

**THIS SECOND 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"), as amended by document executed on September 4, 2018, (hereinafter "Amendment"); and

WHEREAS, the parties desire to further 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 thirty-two thousand seven hundred seventy-eight dollars and no/100 (\$32,778.00) to perform the additional Services, as described in Contractor's Proposal for Engineering Services Revision 2 dated December 12, 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 three hundred ten thousand six hundred seventy dollars and no/100 (\$310,670.00), authorized as follows:  
    \$212,468.00 under the Agreement  
    \$65,424.00 under the Amendment; and  
    \$32,778.00 under this Second 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 and the Amendment shall remain unchanged.

IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts to be effective on the date signed by the final party.

FORT BEND COUNTY

AMANI ENGINEERING, INC

\_\_\_\_\_  
KP George, County Judge

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

\_\_\_\_\_  
Date


3/21/2019

\_\_\_\_\_  
Date

ATTEST:

\_\_\_\_\_  
Laura Richard, County Clerk

APPROVED:

  
\_\_\_\_\_  
Richard W. Stolleis, P.E., County Engineer

APPROVED AS TO LEGAL FORM:

\_\_\_\_\_  
Marcus D. Spencer, First Assistant County Attorney

#### AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ \_\_\_\_\_ to accomplish and pay the obligation of Fort Bend County under this contract.

\_\_\_\_\_  
Robert Ed Sturdivant, County Auditor

# EXHIBIT A



# Amani Engineering, Inc.

• Engineers • Surveyors • Construction Managers

December 12, 2018

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

Via. E-mail:  
[KMineo@BinkleyBarfield.com](mailto:KMineo@BinkleyBarfield.com)

Re: Fort Bend County Mobility Bond Program  
Project Number: 17114  
**Proposal for Supplemental Engineering Services Revision 2**

Dear Mr. Mineo:

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

## I. BACKGROUND

- A. Rohan Road – Minonite Road Intersection: The westbound approach of Rohan Road at its tee intersection with FM 2977 (Minonite Road) will be offset to the south, by way of an approximately 700-foot long reverse curve, to align with Meadow Lane on the west side of Minonite Road.
1. Four parcels of land must be acquired to facilitate construction of the realigned roadway.
  2. At its point of connection to Minonite Road, Rohan Road will be 40-foot wide: three, 12-foot wide traffic lanes and two, 2-foot wide paved shoulders. Beyond the shoulders there will be 10-foot wide grassed areas for ancillary improvements and drainage swales. The right-of-way width will be 60-foot.
  3. The Rohan Road returns at Minonite Road will have 50-foot radii.
  4. Rohan Road lane assignments will be as follows: a westbound, 12-foot wide right-turn only lane; a westbound, 12-foot wide combination left-turn/through lane; and an eastbound 12-foot wide through lane.
  5. The 12-foot wide right-turn only lane will have 150-foot of storage and a 150-foot transition.
  6. The 24-foot wide roadway portion will continue from the west end of the right-turn lane transition through the reverse curve to existing Rohan Road.
  7. The 24-foot wide roadway will transition to the width of the existing 18-foot wide roadway by way of an approximately 100-foot long transition.
  8. The realigned roadway will cross over the Richmond Rice Canal (Canal) located east of and parallel to Minonite Road.
  9. A new cross drainage structure beneath the roadway will be required to maintain the Canal's flow.
  10. The existing, upstream crossing, bridge, roadway, etc. will be demolished and the Canal's section restored.
  11. All improvements within the Canal will comply owner's<sup>1</sup> requirements.

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<sup>1</sup> NRG Texas Power, LLC (NRG)

- B. Benton Road – A. Myers Intersection: Both the northbound and southbound approaches of Benton Road at its tee intersection with A. Myers Road will be widened to facilitate the construction of left turn lanes. There are two developers located west of Benton Road; one south and one north of the extension of A. Myers Road (to be named Bryan Road between Benton Road and Minonite Road). Both developers have committed to dedicating right-of-way to the County along Benton Road; however, it is not known whether these developments will lead or lag the construction of the left turn lanes in Benton Road. Consequently, separate parcel acquisition documents must be prepared and available to the County for use in constructing the roadway improvements.
1. Two parcels of land must be acquired adjacent to and west of Benton Road, north and south of (future) Bryan Road to facilitate the construction of two left turn lanes, one each for the northbound and southbound Benton Road approaches.
  2. The locations of the tapers, returns and storage lanes for the two proposed left turn lanes will be west of the current property line dividing the four tracts in the quadrants of the existing Benton Road/A. Myers-Bryan Road intersection. This applies as well to the roadside ditch improvements associated with the work.
  3. The design of the northbound left turn lane in Benton Road represents a change in scope to Amani. The fee associated with this work is included in this proposal.
- C. Benton Road – Rohan Road Intersection: The County recommends adding a left turn lane in the southbound approach of this intersection to provide traffic congestion relief to the traveling public accessing the subdivision east of the intersection.
1. The design of this left turn lane represents a change in scope to Amani. The fee associated with this work is included in this proposal.

## II. PROJECT SCOPE

Based on the information provided by Binkley & Barfield, Inc. (BBI), site visits, coordination with 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. Final Design Services
  - a. Determine requirements, prepare exhibits, develop schematic design, and coordinate with governing agencies for the design of the realignment of the westbound approach of Rohan Road at Minonite Road.
  - b. Manage the services of the project surveyor in the preparation and delivery of four parcel maps, metes and bounds, etc. for the tracts to be acquired to facilitate the construction of the realigned roadway; and for the preparation and delivery of the topographic survey necessary to facilitate the design and construction of the realigned roadway.
  - c. Coordinate with TxDOT regarding the tie-in of the realigned roadway to Minonite Road.
  - d. Design a realigned 40-foot wide roadway from the east edge of Minonite Road for a distance of 700-feet, through a reverse curve, and transition the pavement section to 18-foot within approximately 100-feet.
  - e. Prepare demolition and restoration designs for the removal of the existing dual, 78-inch diameter reinforced concrete culverts, riprap, roadway base and pavement courses, metal beam guard fence, etc. at the existing Rohan Road canal crossing.
  - f. Prepare an opinion of probable construction cost.
  - g. Obtain approvals of utility companies, County and other governing agencies.

B. Benton Road – A. Myers Intersection

- I. Final Design Services
  - a. Provide a left turn lane for the intersection's northbound approach.
  - b. Widen (taper, transition and storage lanes) the existing two-lane, two-way asphalt roadway along the approach to accommodate the new left turn lane.
  - c. Determine the drainage system needs (i.e. modifications to existing roadside ditches).
  - d. Provide storm water detention for runoff resulting from the increased impervious area.
  - e. Request utility information from private utility companies.
  - f. Perform utility conflict analysis and coordination for relocation.
  - g. Perform subsurface utility engineering (Levels D, C and B), if necessary, to establish the locations of critical utility conflicts.
  - h. Prepare traffic control plan.
  - i. Prepare storm water pollution prevention plan.
  - j. Prepare signage and pavement marking plan.
  - k. Prepare an opinion of probable construction cost.

C. Benton Road – Rohan Road Intersection

- a. Provide a left turn lane for the intersection's southbound approach.
- b. Widen (taper, transition and storage lanes) the existing two-lane, two-way asphalt roadway along the approach to accommodate the new left turn lane.
- c. Determine the drainage system needs (i.e. modifications to existing roadside ditches).
- d. Provide storm water detention for runoff resulting from the increased impervious area.
- e. Request utility information from private utility companies.
- f. Perform utility conflict analysis and coordination for relocation.
- g. Perform subsurface utility engineering (Levels D, C and B), if necessary, to establish the locations of critical utility conflicts.
- h. Prepare traffic control plan.
- i. Prepare storm water pollution prevention plan.
- j. Prepare signage and pavement marking plan.
- k. Prepare an opinion of probable construction cost.

D. Additional Services (Lump Sum)

- I. REKHA Engineering, Inc. will provide parcel acquisition and topographic surveying services.

**III. EXCLUSIONS**

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

**IV. DELIVERABLES**

- A. Work products associated with this proposal will supplement or otherwise supersede those of the base contract.

**V. FEE (Lump Sum)**

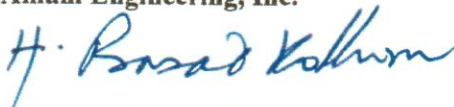
A. Final Design		\$ 8,018.00
B. Additional Services		<u>\$ 24,760.00</u>
1. Parcel Acquisition & Mapping (Rohan)	\$ 12,000.00	
2. Topographic Survey (Rohan)	\$ 7,760.00	
3. Parcel Acquisition & Mapping (Benton)	\$ 5,000.00	
C. <b>Total Supplemental Engineering Services Fee</b>		<b>\$ 32,778 00</b>

**VI. SCHEDULE**

- A. The professional surveying services associated with the parcel maps, metes and bounds, etc., of this proposal, commenced on November 20, 2018 with a target delivery date of December 5, 2018 so as to allow the County to commence property acquisition as soon as possible. This work is on-going.
- B. The professional engineering and surveying services associated with this proposal will be performed in accordance with the base contract schedule.

We appreciate the opportunity to provide supplemental services on this project. If you have questions or need additional information, please call Dan Simeone, Senior Project Manager, at x104, or Mahesh Dutta, Vice President, 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: dps  


Attachments: Amani Engineering, Inc. 12/12/18 Level of Effort  
REKHA Engineering, Inc. 12/10/2018 Proposal

**LEVEL OF EFFORT**  
**Fort Bend County 2017 Mobility Bond Program**  
**Intersection Improvements: Roahan Rd. at Minonite Rd. (FM 2977),**  
**Benton Rd. at A. Myers Rd., and Benton Rd. at Rohan Rd.**  
**Project No.: 17114**

Client: FBC

12/12/2018

Item No.	Task Description	Principal Engineer	Project Manager	Senior Civil Engineer	Graduate Engineer / EIT	CADD Operator	Admin.	Subtotal Man Hours	Subtotal Labor Cost
<b>Hourly Billing Rate:</b>		<b>\$ 195.00</b>	<b>\$ 165.00</b>	<b>\$ 160.00</b>	<b>\$ 105.00</b>	<b>\$ 90.00</b>	<b>\$ 60.00</b>		
<b>1.0</b>	<b>Final Design</b>								
1.1	Opinion of Probable Construction Cost for Options 1 & 2		1.5		6			7.5	\$ 877.50
1.2	Realignment Exhibits (1000' R Reverse Curve)		1		2	2		5	\$ 555.00
1.3	Revise Realignment Exhibits per City of Rosenberg Requirements		1		2			3	\$ 375.00
1.4	Coordination with City of Rosenberg		0.5		6			6.5	\$ 712.50
1.5	Southbound Left Turn Lane at Benton Road and Rohan Road Intersection		1.5		4	8		13.5	\$ 1,387.50
1.6	Coordination with Developer for Future Bryan Improvements		0.5		6			6.5	\$ 712.50
1.7	Northbound Left Turn Lane at Benton Road and A. Myers Road Intersection		1.5		4	8		13.5	\$ 1,387.50
1.8	Survey Management, Coordination and QA/QC		2	2	8	6		18	\$ 2,010.00
								<b>Total:</b>	<b>\$ 8,018.00</b>

*Handwritten signature: [Signature]*  
*Handwritten signature: [Signature]*



# REKHA ENGINEERING, INC.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

Mr. Dan Simeone, P.E.

Senior Project Manager

 Amani Engineering, Inc.

December 10, 2019

8303 SW Frwy, Ste 600| Houston, TX 77074| Tel: 713.270.5700 x104

[DSimeone@AmaniEngineering.com](mailto: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 –**

- 1) a) Right of Way Re-Alignment for Rohan Road to the intersection of FM 2977 and Meadows Lane – (-+710 l.f. with curves effecting 4 tracts)
- 1) b) Right of Way Re-Alignment for Rohan Road to the intersection of FM 2977 and Meadows Lane – (-+710 l.f. with curves) Topographic survey
- 2) Benton Road @ A Meyers Road –1 or 2 Tracts for widening- North of intersection only 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 a) prepare and coordinate the survey for each tract of land for boundary 1a survey b) calculate from the deed or plat the proposed re route through the tract from the overall larger boundary of the tract found in the field c) survey in the field the by REKHA survey crews the effected tracts of land for the overall boundary d) prepare exhibit control map plus prepare a metes and bounds for each tracts effected e) set property corners for the new right of way with curves in the field for each tract. The proposed centerline control will be provided by Amani and as attached as Exhibit A using 850 feet radius.

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. 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 and no topographic surveys included. Proposed schedule is to complete the land surveying for the intersection within 2 weeks from the date of authorization Note 70% of this project has been completed. Based on the proposed re route provided – there are 4 tracts effected by this re route. Based on the rush nature of this request, overtime will be required.

TBPE FIRM NO. F-3712 TBPLS FIRM NO. 10133800  
7676 Hillmont Street, SUITE 350 - HOUSTON, TEXAS 77040  
PHONE: (713) 895-8080/8081 - FAX: (713) 895-7686  
Website: [www.rekhaengineering.com](http://www.rekhaengineering.com) - E-mail: [jake1@pdq.net](mailto:jake1@pdq.net)



# REKHA ENGINEERING, INC.

CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

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

1. **Rohan @ FM 2977 - Parcel Maps** w/ Legal descriptions plus set property corners – lump sum \$ 3,000.00 each tract x 4 tracts = \$ 12,000.00 including reimbursable expenses and no state sales tax (n.a.). Tracts survey include a 43 acre tract, 7 acre tract with a separate tract for detention which effects this tract offsite, 5 acre tract in back of 2 other tracts plus channel with road to road monumentation.
2. **Rohan @ FM 2977 – Topographic surveying of 4 parcel tracts plus tracts in between existing and proposed right of ways.** Includes topographic survey at 50' intervals plus utility investigation plus 20' outside of planned right of way and all buildings with in 100' of planned right of way. \$ 7,760.00
3. **Benton @ A Meyers Parcel Maps** w/ Legal descriptions plus set property corners – lump sum \$ 2,500.00 each tract x 2 tracts = \$ 5,000.00

**Total proposal including all 3 items = \$ 24,760.00**

including reimbursable expenses and no state sales tax (n.a.). **Note that we have been informed the developer will dedicate all remaining right of way by subdivision plat so those East – West and South are not included in this proposal.** 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 \$1,000,000 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!!

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PHONE: (713) 895-8080/8081 - FAX: (713) 895-7686  
Website: [www.rekhaengineering.com](http://www.rekhaengineering.com)    E-mail: [rekha@rekha.com](mailto:rekha@rekha.com)



**REKHA ENGINEERING, INC.**  
 CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS

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 \_\_\_\_\_

**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**

v. Reproduction (Out of Office)	( cost + 15%)
w. Mileage	\$ 0.65/mile
x. <u>Reproduction - In Office</u> - computer plots (D size)	6.00 per plot
y. " " " (E size)	9.00 per plot
z. Black Line and check plots for design	5.00 each
aa. Mylars, Vellums and/or Sepia	20.00 each
bb. 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.

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 Website: [www.rekhaengineering.com](http://www.rekhaengineering.com) - E-mail: [jake1@pdq.net](mailto:jake1@pdq.net)



# **REKHA ENGINEERING, INC.**

**CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS**

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.
- 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.

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# **REKHA ENGINEERING, INC.**

**CONSULTING CIVIL ENGINEERS AND LAND SURVEYORS**

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.

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.

<b>Description</b>	<b>Proj Mgr</b>	<b>RPLS</b>	<b>Tech</b>	<b>Survey Crew</b>	<b>Admin</b>	<b>Total</b>
Proj Mangement	2	12			7	\$2,185.00
Data Collection & Review	1	8				\$1,150.00
Field Right-of-way & Topographic survey	1	12	8	34		\$6,830.00
Abstracting	1	7	7			\$1,690.00
Boundary 1A Map	7	14	29			\$5,555.00
Control Map	1	7	12			\$2,165.00
Final Review & Coor	3.5	7	7			\$2,065.00
Set Property Corners Field + Calc				24		3,120.00
total hours	16.5	67	63	56	7	\$24,500.00
rate	\$ 150/hr	\$ 125/hr	\$95.00	\$ 130/hr	\$55.00	
<b>Total Fee</b>	<b>\$2475.00</b>	<b>\$8375.00</b>	<b>\$5985.00</b>	<b>\$7540.00</b>	<b>\$385.00</b>	<b>\$24,760.00</b>

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 PHONE: (713) 895-8080 8081 - FAX: (713) 895-7686  
 Website: [www.rekha-engineering.com](http://www.rekha-engineering.com) E-mail: [rekha@rekha-engineering.com](mailto:rekha@rekha-engineering.com)

**GENERAL NOTES**

1. The Surveyor has not abstracted the subject property.
2. According to the Federal Emergency Management Agency's Flood Insurance Rate Map No. 48157C 0205L, revised April 2, 2014 the subject tract is located in Zone "X", unshaded zone.
3. This survey was performed without the benefit of a title report.
4. The Existing Utility Lines shown hereon and referencing this note were not located in the field, Fort Bend County plans and private utility company plans.
5. Bearings on this survey are based on Texas State Plane Coordinates System South Central Zone (4204) using Lela's Smartnet.
6. There are no visible signs of a cemetery on this tract.
7. All utilities shown hereon are based on above ground observation only. For utility marking in the area, call 1-800-UDP-TEXS.
8. Nothing in this survey is intended to express an opinion regarding ownership or title.
9. The word **CERTIFY** is understood to be an expression of professional judgment by the surveyor which is based on his best knowledge, information and belief.
10. This survey is certified for this transaction only.
11. This survey is being provided solely for the use of the current parties and that no license has been created, expressed or implied, to copy the survey except as is necessary in conjunction with the original transaction.

Bearings based on plot for  
Grace Baptist Church  
Rohan Road Division Plat  
No. 0070124 P.R.F.B.C.

Benchmark  
Elevation 91.69  
U.S.G.S. Benchmark #1219  
Located @ Hwy 36 @ Meyer Rd  
Fort Bend County, Tx  
(Datum: NAD 83, NAVD83)  
T.M. Elevation 84.86  
Lift Station Top @  
Rohan Rd & Benton Rd

FEMA  
By graphic plotting only, this area was found to be located within Flood Zone #1 "X" (UNSHADED) of the Flood Insurance Rate Map, Community Panel No. 48157C0205L, which bears an effective date of 04/02/2014 and is not in a Special Flood Hazard Area. No field surveying was performed to determine this zone and an elevation certificate may be needed to verify this determination or an application for a variance from the Federal Emergency Management Agency.

I hereby certify that this survey was made on the ground, that this plot correctly represents the facts found at the time of survey and that this professional service conforms to the current Texas Society of Professional Surveyors Standards and Specifications for a Category A, Condition II Survey

Robert A. Mathews  
Registered Professional Land Surveyor  
Texas Registration No. 4218

ROHAN RD @ COUNTY ROAD 2977  
FORT BEND COUNTY, TEXAS

NO	DATE	REVISION	APP

**REKHA ENGINEERING INC.**  
CONSULTING ENGINEERS  
7678 HILLMOOR, SUITE 350  
HOUSTON, TEXAS 77055  
713-895-8080  
713-895-8081  
713-895-7886  
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DESIGNED BY	DRAWN BY
CHECKED BY	CHECKED BY

INTERIM REVIEW ONLY  
DOCUMENT INCURTS NOT INDEED FOR TENDS, RECORDS OR CONTRACTS

Surveyor  
Registration Number  
Date

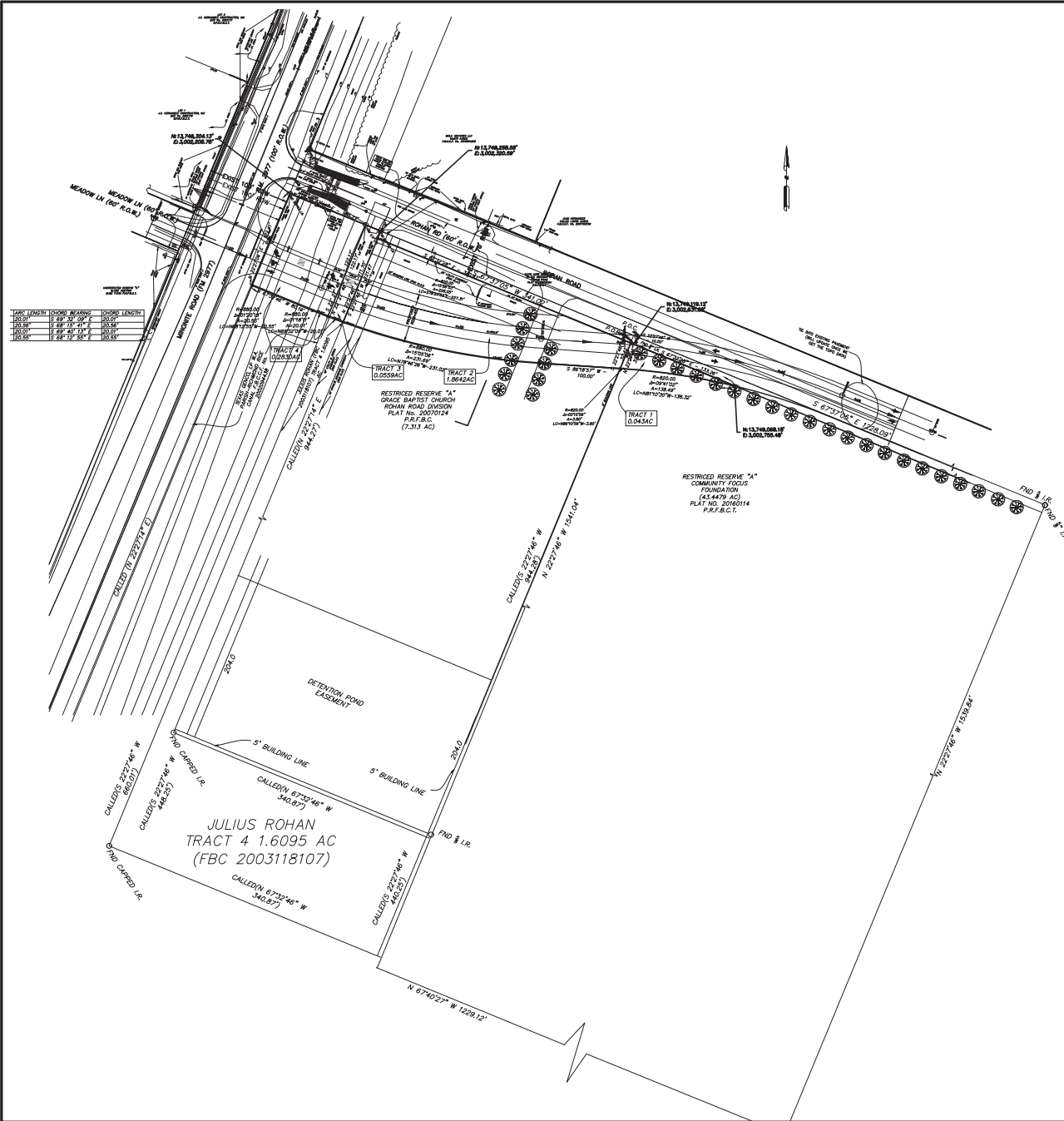
SURVEYED BY: REKHA ENG  
FB NO.:

**FORT BEND COUNTY**  
ENGINEERING DEPARTMENT

**RIGHT OF WAY FOR ROHAN ROAD**  
STA. 0+00 TO STA. 7+10

SHEET 1 OF 1

FILE NO:	
FORT BEND COUNTY PM	
DATE	SHEET NO.

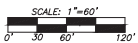


**LEGEND**

AE	AERIAL EASEMENT
ASPH	ASPHALT
BL	BUILDING LINE
BLDG	BUILDING
BM	BENCHMARK
CL	CHAIN LINE
CLF	CENTER LINE
CLL	CHAIN LINE, FENCE
CO	CLEAN CUT
CONC	CONCRETE
CRN	CORNER
DWV	DRAINAGE
EA	EDGE OF ASPHALT
EC	EDGE OF CONCRETE
ER	END OF RADIUS
FF	FINISHED FLOOR
FI	FIRE HYDRANT
FL	FLOW LINE
FLD	FLOW LINE OF DITCH
FNC	FENCE
FND	FOUND
G	GUTTER
GI	GRATE INLET
GM	GAS METER
GRV	GRAVE
GT	GREASE TRAP
GUY	GUY WIRE
H	HIGH BANK
HC	HANDICAP
HOB	HOB
LNSC	LANDSCAPE
LS	LIGHT STANDARD
LH	LANDMARK
MW	MONITORING WELL
NC	NATURAL GROUND
OD	OVERHANG
OL	OVERHEAD LINES
PI	POWER POLE
PP	PUBLIC RECORDS FORT BEND COUNTY TEXAS
P.R.F.B.C.T.	
POST	POST
PAVMT	PAVEMENT
SAN	SANITARY
SOWK	SEWER
STM	STORM SEWER
TE	TOP OF BANK
TEB	TEMPORARY BENCHMARK
TC	TOP OF CURB
TOG	TOP OF GRATE
TOS	TOP OF SIDEWALK
TOP	TOP OF PAVEMENT
TR	TOP OF RAIL
USE	UTILITY EASEMENT
UG	UNDERGROUND
WDF	WOOD FENCE
WL	WATER LINE
WM	WATER METER
WS	WHEEL STOP
WV	WATER VALVE

90°	ASPHALT LINE
-----	CONTOUR LINE
-----	FENCE LINE
-----	GAS LINE
-----	GRAVEL LINE
-----	HIGH BANK LINE
-----	POWER LINE
-----	SANITARY SEWER LINE
-----	SBC/TELEPHONE LINE
-----	STORM SEWER LINE
-----	WATER LINE



LINE	LENGTH	BEARING	AREA	PERIMETER
1	12.12	S 89° 52' 28" E	10.82	12.12
2	12.12	S 89° 52' 28" E	10.82	12.12
3	12.12	S 89° 52' 28" E	10.82	12.12
4	12.12	S 89° 52' 28" E	10.82	12.12