STATE OF TEXAS §

S
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 Halff Associates, 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 June 2, 2015, (hereinafter "Agreement") pursuant to SOQ 14-025; as amended by document dated December 1, 2015, (hereinafter "Amendment"); and

WHEREAS, the parties desire to further amend the Agreement to include additional services to be provided by Contractor.

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

- Services to be rendered under the Agreement shall be amended to add design services beyond the original scope of work, as described in the Supplemental Proposal for Additional Services dated June 17, 2016, attached hereto as Exhibit A, and incorporated herein for purposes.
- County shall pay Contractor an additional thirty-eight thousand two hundred fifty dollars and no/100 (\$38,250.00), for the additional design services to be rendered under this Amendment.
- 3. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed three hundred ninety-two thousand two hundred fifty dollars and no/100 (\$392,250.00), allocated as follows:
 - A. \$325,000.00 under the Agreement
 - B. \$29,000.00 under the Amendment; and
 - C. \$38,250.00 under this Second Amendment.
- 4. In no case shall the amount paid by County for all Services under the Agreement, the Amendment and this Second Amendment exceed the Maximum Compensation without a written agreement signed by the parties.

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

FORT BEND COUNTY	HALFF ASSOCIATES, INC.
Robert E. Hebert, County Judge	Michael Barbier, P.E., Transportation Team Leader
Date	8-3-2016 Date
ATTEST:	
Laura Richard, County Clerk	
APPROVED:	
Richard W. Stolleis, P.E., County Engineer	
APPROVED AS TO LEGAL FORM:	
Assistant County Attorney	
AUDITOR'S	CERTIFICATE
I hereby certify that funds are avail accomplish and pay the obligation of Fort B	able in the amount of \$ to end County under this contract.
	Robert Ed Sturdivant, County Auditor
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EXHIBIT A



June 17, 2016

Fort Bend County Engineering Department 301 Jackson Street Richmond, Texas 77469

Attn: Richard Stolleis, P.E.

RE: Supplemental for Additional Services associated with Beechnut Improvements from F.M. 1464 to Lobera Drive

Dear Mr. Stolleis:

Halff Associates Inc. is pleased to submit this proposal for professional surveying and engineering services for the above referenced project. The scope of work is defined in Attachment A. A detailed labor breakdown and level of effort is included as Attachment B. The estimated cost to perform the preliminary design work is \$38,250.

We appreciate the opportunity to work on this important assignment. We are available to discuss this proposal at your convenience and stand ready to commence work immediately upon receipt of the notice to proceed.

Sincerely,

Halff Associates, Inc.

Michael Barbier, P.E.

Transportation Team Leader

Attachment 'A'

Scope of Work for Beechnut Additional Services

Halff Associates, Inc. (Halff) has been contracted with Fort Bend County for engineering services to design a segment of Beechnut Avenue from F.M. 1464 to Lobera Drive. During the preliminary design phase of the project, several design items were identified as additional services beyond the original scope of work. The scope of work below describes the additional services required to be completed during the final design phase.

Additional Sidewalk Design

Additional sidewalk will be added to the south side of Beechnut Street to include a proposed cross walk at Soledad Dr.

Tasks included in the design

- 1. Perform additional topographic survey along Beechnut Street for the area east of Lobera Drive to Soledad Drive.
- 2. Design additional sidewalk and crosswalk at Soledad Drive including striping and median modifications at Soledad Drive if necessary.

Tasks excluded from the design

- 1. Existing sidewalk modifications beyond what is necessary to facilitate 1 cross walk across Beechnut Street west of Soledad Drive
- Roadway modifications east of Lobera Dive beyond median modifications at Soledad Drive

Detention Pond Design

During the Impact and Mitigation Analysis, it was determined that a detention pond would be needed to mitigate the impacts of this project.

Tasks included in the design

- 1. Investigate potential sites for the proposed detention pond (final location to be approved by Fort Bend County)
- 2. Complete additional topographic survey for the proposed detention pond area (1.5 acres +/-, heavily wooded)
- 3. Final hydraulic modeling of detention pond
- 4. Design the proposed detention pond and associated infrastructure
- 5. 1 -15' deep additional geotechnical boring will be required for the pond location
- 6. Prepare a metes and bounds description and parcel exhibit to be used in the negotiation of Right-of-way to accommodate the proposed pond and associated infrastructure
 - a. Parent Tract Boundary Survey
 - b. Easement/Deed Research
 - c. Parcel description/exhibit preparation

Tasks excluded from the design

- 1. Right-of-way negotiation and acquisition services
- 2. Hydraulic analysis of off-site areas not included in the scope of the original roadway project
- 3. Design for mitigation for future development

Attachment 'B'

Beechnut Widening Fee Estimate Worksheet - Supplemental for Additional Services Halff Associates, Inc.
Project Manager: Michael Barbler

38,250.00	8							TOTAL
		\$0.00	\$2,400.00	\$6,100.00	\$7,000.00	\$4,500.00	\$1,750.00	SUBTOTAL LABOR
		\$60.00	\$75.00	\$100.00	\$175.00	\$225.00	\$250.00	LABOR RATE PER HOUR
		0%	20%	38%	25%	13%	4%	
	160	0	32	61	40	20	7	MANHOUR SUBTOTAL
2,500.00	s							Parcel description/exhibit preparation
500.00	69							Easement/Deed Research
2,750.00	မာ							Parent Tract Boundary Survey
								Prepare Parcel Documentation for ROW purchase
2,750.00	8							Additional geotechnical boring
6,300.00	50 \$		16	16	12	4	2	Design proposed detention pond
7,500.00	50			24	16	8	2	Final hydraulic modeling for detention pond
5,500.00	\$							Additional topographic survey for detention pond area
3,400.00	20 \$			6	8	4	2	Investigate potential sites for proposed detention pond
								Detention Pond Design
4,550.00	40		16	15	4	4	-	Additional Sidewalk Design
2,500.00	69							Additional Survey for crosswalk east of Lobera Dr
								Additional Sidewalk Design
36,230.00	9		1000000					i. Additorial Services (LS)
00 050 00								Additional Consists (I B)
Task Total	TOTAL HOURS	CLERICAL	CADD OPERATOR	ENGINEER IN TRAINING	SENIOR ENGINEER	PROJECT MANAGER	PRINCIPAL	TASK DESCRIPTION

CERTIFICATE OF INTERESTED PARTIES

FORM **1295**

1 of 2

	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. Halff Associates, Inc.	Certificate Number: 2016-94269
2	Houston, TX United States Name of governmental entity or state agency that is a party to the contract for which the form is being filed.	Date Filed: 08/03/2016
	Fort Bend County	Date Acknowledged:

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.

Project No. 13201 - SOQ 14-025 Professional Engineering Serivces

Houston, TX United States	Controlling X	Intermediary
Houston, TX United States	Y	
	^	
Richardson, TX United States	х	
Richardson, TX United States	Х	
Austin, TX United States	х	
McAllen, TX United States	х	
Richardson, TX United States	х	*
Richardson, TX United States	х	
Austin, TX United States	х	
Richardson, TX United States	х	
Richardson, TX United States	х	
Richardson, TX United States	х	
Fort Worth, TX United States	х	
Richardson, TX United States	х	
Houston, TX United States	×	
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OFFICIATE OF INTERFECTED DARTIES						
CERTIFICATE OF INTERESTED PAR	HES		FOR	м 1295		
				2 of 2		
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				
Name of business entity filing form, and the city, state and cour of business.	ntry of the business entity's place	Certificate Number: 2016-94269				
Halff Associates, Inc. Houston, TX United States		Date Filed:				
2 Name of governmental entity or state agency that is a party to t	he contract for which the form is	08/03/2016				
being filed. Fort Bend County		Date	Acknowledged:			
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. Project No. 13201 - SOQ 14-025 Professional Engineering Serivces						
4 Name of Intersected Party	City City County (place of hygin			f interest		
Name of Interested Party	City, State, Country (place of busin	ess	(check ap	pplicable) Intermediary		
5 Check only if there is NO Interested Party.						
6 AFFIDAVIT I swear, o	r affirm, under penalty of perjury, that the	above	disclosure is true	e and correct.		
MELISSA POWERS Notary ID # 130428410 My Commission Expires November 3, 2019 AFFIX NOTARY STAMP / SEAL ABOVE	Signature of authorized agent of conf	tracting	g business entity	s		
Sworn to and subscribed before me, by the said 10 20 10 , to certify which, witness my hand and seal of office.	Backett, this the	3	day of 🛕	ogust.		
Melissa Powers Woters / Admin. Signature of officer administering oath Printed name of officer administering oath Title of officer administering oath						
Signature of officer administering oath Printed name of	onicer auministering batti	THE OLD	difficer aurimisteri	ny vani		