

STATE OF TEXAS §
 §
 COUNTY OF FORT BEND §

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

THIS FOURTH 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 Zarinkelk Engineering Services, 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 February 24, 2015, (hereinafter "Agreement") pursuant to SOQ 14-025, as amended by documents dated August 2, 2016 (hereinafter "Amendment"), December 18, 2018 (hereinafter "Second Amendment"), and August 27, 2019 (hereinafter "Third Amendment"); and

WHEREAS, the parties desire to further amend the Agreement for additional services to be provided and increase the total Maximum Compensation for the completion of such additional services.

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

1. County shall pay Contractor an additional two hundred forty-eight thousand nine hundred fifty-nine dollars and 00/100 (\$248,959.00) to perform the additional services as described in Contractor's proposal dated April 23, 2020 attached hereto as Exhibit "A" and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed one million three hundred thirty-six thousand nine hundred thirty-four dollars and 50/100 (\$1,336,934.50), authorized as follows:
 - \$740,000.00 under the Agreement;
 - \$10,750.00 under the Amendment;
 - \$5,682.50 under the Second Amendment;
 - \$331,543.00 under the Third Amendment; and
 - \$248,959.00 under this Fourth Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and any subsequent amendment exceed the Maximum Compensation without an agreement executed by the parties.

4. The parties hereby agree to extend the Time of Performance under the Agreement shall hereby be extended to end no later than December 31, 2022.
5. BY ACCEPTANCE OF AGREEMENT, CONTRACTOR ACKNOWLEDGES THAT THE COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.

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

FORT BEND COUNTY

KP George
County Judge KP George

KP George, County Judge

1-5-2021

Date



ATTEST:

Laura Richard

Laura Richard, County Clerk

ZARINKEL ENGINEERING SERVICES, INC

Giti Zarinkel

Digitally signed by Giti Zarinkel
DN: cn=Giti Zarinkel, o=Zarinkel Engineering Services, Inc., c=USA
Date: 2021.12.03 09:45:37 -0500

Authorized Agent – Signature

Giti Zarinkel

Authorized Agent – Printed Name

President

Title

December 3, 2020

Date

APPROVED:

J. Stacy Slawinski

Digitally signed by J. Stacy Slawinski
DN: email=J.Stacy.Slawinski@fortbend.com, ou=Fort Bend County, o=Fort Bend County, cn=J. Stacy Slawinski
Date: 2021.12.03 11:04:05 -0500

J. Stacy Slawinski, P.E., County Engineer

APPROVED AS TO LEGAL FORM:

Marcus D. Spencer

Marcus D. Spencer, First Assistant County Attorney

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 1,336,934.50 to accomplish and pay the obligation of Fort Bend County under this contract.



Robert Ed Sturdivant, County Auditor

EXHIBIT A



617 Caroline Street
Houston, Texas 77002
Phone 832-242-2426
Fax 832-242-2445

April 23, 2020

Stacy Slawinski, P.E.
County Engineer
301 Jackson St., 4th Floor
Richmond, TX 77469

Attn: David Balmos, P.E., Program Manager

Project: Chimney Rock - Project 13203

RE: Project 13203 Chimney Rock Road; Amendment No. 4

Dear Mr. Slawinski:

It is our understanding that the County would like to add to the scope of our project and include the full boulevard section:

- A. Structural design is included for two new bridge structures for the southbound lanes at American Canal and Mustang Bayou.
- B. The design plan set will be modified to include the two southbound lanes of the boulevard section. Revisions include the cover sheet, index, overall layout, typical sections, cross sections, stripping, SWPPP, standard details, etc. as necessary to complete the project. Assume submittals for 95% and Final.
- C. Quantities, estimates and bid sheet will be updated.
- D. Coordinate with FBDD is not included as mitigation has been addressed for the full boulevard section.
- E. Prepare Project Manual and bid documents.

Following is the proposed design schedule:

- April 15th – NTP
- June 15th – 95% design submittal
- June 30th – County review
- July 21st – Final submittal

Stacy Slawinski, P.E.
April 23, 2020; Page 2

Our proposed fee including sub consultant fees and management fees for all phases of the project is \$248,959.00.

Please call me at 832-242-2426 if you have any questions. We look forward to working with RPS Group and Fort Bend County on this project.

Sincerely,

A handwritten signature in blue ink that reads "Giti Zarinkelk". The signature is written in a cursive style with a large initial "G".

Giti Zarinkelk, P.E.

Attachments

Chimney Rock Road from FM2234 to Rosa Parks Elementary School
Fort Bend Mobility Bond 2013; Project Number 13203

TASK DESCRIPTION	Principal	Project Manager	Senior Engineer	Sen. Hyd. Engineer or Structural Engineer	Design Engineer	Senior Designer/	CADD Operator Technician	QA/QC Review	Clerical	Total Labor Hours & Costs
ITEM J (SUB CONSULTANT SERVICES)										
BRIDGE DESIGN PLANS										
BRIDGE DESIGN PLANS										\$ 98,600.00
SUB CONSULTANT COORDINATION										\$ 9,860.00
TOTAL ITEM J										\$ 108,460.00
ITEM F (BASIC SERVICES PHASE I)										
ITEM I (BASIC SERVICES PHASE II)										
COVER, GENERAL NOTES, INDEX	4	2	4		4	1	24			
TYPICAL SECTIONS & CROSS SECTIONS		4	12		28	4	80	1		
OVERALL LAYOUT		2	1		4	1	16			
QUANTITIES & ESTIMATES		4	16		40	2	16	2		
PLAN AND PROFILES		28	120	16	132	24	292	4		
STRIPPING AND SIGNAGE		2	8		16	2	40	1		
SWPPP		1	2		8	1	16			
HOURS SUB-TOTALS	4	43	163	16	232	35	484	8	0	985
LABOR RATE PER HOUR	\$85.00	\$70.00	\$60.00	\$50.00	\$35.00	\$40.00	\$33.00	\$60.00	\$20.00	
DIRECT LABOR COSTS	\$340.00	\$3,010.00	\$9,780.00	\$800.00	\$8,120.00	\$1,400.00	\$15,972.00	\$480.00	\$0.00	\$ 39,902.00
JOB MULTIPLIER	3	3	3	3	3	3	3	3	3	\$ 27.00
TOTAL LABOR COSTS	\$1,020.00	\$9,030.00	\$29,340.00	\$2,400.00	\$24,360.00	\$4,200.00	\$47,916.00	\$1,440.00	\$0.00	\$ 119,706.00
TOTAL ITEM I										\$ 119,706.00
ITEM O (BASIC SERVICES PHASE II)										
PROJECT MANUAL, SPECIFICATION OUTLINE & BID FORM										
HOURS SUB-TOTALS	1	4	12	0	16	0	0	1	8	42
LABOR RATE PER HOUR	\$85.00	\$70.00	\$60.00	\$50.00	\$35.00	\$40.00	\$33.00	\$60.00	\$20.00	
DIRECT LABOR COSTS	\$85.00	\$280.00	\$720.00	\$0.00	\$560.00	\$0.00	\$0.00	\$60.00	\$160.00	\$ 1,865.00
JOB MULTIPLIER	3	3	3	3	3	3	3	3	3	
TOTAL LABOR COSTS	\$255.00	\$840.00	\$2,160.00	\$0.00	\$1,680.00	\$0.00	\$0.00	\$180.00	\$480.00	\$ 5,595.00
TOTAL ITEM O										\$ 5,595.00

Chimney Rock Road from FM2234 to Rosa Parks Elementary School
Fort Bend Mobility Bond 2013; Project Number 13203

TASK DESCRIPTION	Principal	Project Manager	Senior Engineer	Sen. Hyd. Engineer or Structural Engineer	Design Engineer	Senior Designer/	CADD Operator Technician	QA/QC Review	Clerical	Total Labor Hours & Costs
ITEM P (BASIC SERVICES PHASE II)										
SUBMITTALS AT 95, AND 100% AND FINAL										
HOURS SUB-TOTALS	1	4	8		16	8	16	2	12	67
LABOR RATE PER HOUR	\$85.00	\$70.00	\$60.00	\$50.00	\$35.00	\$40.00	\$33.00	\$60.00	\$20.00	
DIRECT LABOR COSTS	\$85.00	\$280.00	\$480.00	\$0.00	\$560.00	\$320.00	\$528.00	\$120.00	\$240.00	\$ 2,613.00
JOB MULTIPLIER	3	3	3	3	3	3	3	3	3	
TOTAL LABOR COSTS	\$255.00	\$840.00	\$1,440.00	\$0.00	\$1,680.00	\$960.00	\$1,584.00	\$360.00	\$720.00	\$ 7,839.00
TOTAL ITEM P										\$ 7,839.00
ITEM S (BASIC SERVICES PHASE III)										
CONSTRUCTION PHASE SERVICES										
HOURS SUB-TOTALS	1	4	16		16	1	16			54
LABOR RATE PER HOUR	\$85.00	\$70.00	\$60.00	\$50.00	\$35.00	\$40.00	\$33.00	\$60.00	\$20.00	
DIRECT LABOR COSTS	\$85.00	\$280.00	\$960.00	\$0.00	\$560.00	\$40.00	\$528.00	\$0.00	\$0.00	\$ 2,453.00
JOB MULTIPLIER	3	3	3	3	3	3	3	3	3	
TOTAL LABOR COSTS	\$255.00	\$840.00	\$2,880.00	\$0.00	\$1,680.00	\$120.00	\$1,584.00	\$0.00	\$0.00	\$ 7,359.00
TOTAL ITEM S										\$ 7,359.00
PROJECT TOTALS										
SUB CONSULTANTS										
FINAL DESIGN										
EIGNIEERING SERVICES IN CONSTRUCTION										
TOTAL ALL SERVICES										\$ 248,959.00



GC Engineering, Inc.

2505 Park Avenue, Pearland, Texas 77581
Phone: (281) 412-7008, Fax: (281) 412-4623
www.gc-engineering.com

April 23, 2020

Mr. Michael J. Bagstad, P. E.
Zarinkelk Engineering Services, Inc.
617 Caroline Street
Houston, Texas 77002

**Re: Proposal for Professional Engineering Services
Design of Bridge Structures for Southbound Lanes at Proposed Chimney Rock
Road over American Canal and Mustang Bayou, Fort Bend County, Texas
GCE Proposal No: 20-012**

Dear Mr. Bagstad:

GC Engineering, Inc. (GCE) is pleased to have the opportunity to provide Zarinkelk Engineering Services, Inc. (Client) with this proposal to provide professional engineering services for the design of two bridge structures to accommodate the Southbound two-lane roadway. This proposal supplements the GCE proposal dated February 6, 2015 for the design of two bridge structures to accommodate Northbound Lanes (NB Bridge Proposal). Based on the conversations and information provided by the Client the bridges shall consist of the following:

- Chimney Rock Road Bridge over American Canal.
The proposed bridge structure will consist of a single span with a total width of 34 feet and a total length of 120 feet.
- Chimney Rock Road Bridge over Mustang Bayou.
Based on FEMA FIRM dated April 2, 2014 Mustang Bayou floodway is approximately 550 feet wide. The proposed bridge structure will be 34 feet in total width and 170 feet in total length with three spans.

The Client requested that GCE prepare a scope of work for the final design of the two structures for inclusion the Client's PS&E package for Chimney Rock Road per Fort Bend County (County) Standards and Criteria. Following are the anticipated services for the proposed project:

Task 1: Final Design Phase

A. Bridge Design and Plans

The bridge structures will be designed for HL-93 loading or greater as determined applicable during design. GCE will make final design calculations and final detail drawings, in accordance with standard requirements of the County. Bridge design will be in conformance with the Fort Bend County Standard Bridge Details. GCE will provide quantities for the bridge.



B. PS&E Preparation/Deliverables

GCE will prepare final plans, details, specifications, and cost estimate in accordance with the County requirements. This will include:

- Prepare construction drawings, specifications and construction bid package for the proposed Project.
- Bridge geometry, drainage outfalls (pipe replacement, if required), sidewalks, and pavement markings.
- Slope paving details for erosion control measures within the area of bridge widening.
- Bridge plans including Bridge Layout Sheet, Bridge Bent Layout & Details, Slab Detail, Bridge Typical Section & Beam Seat Elevations, Bridge Framing Plan, Beam/Girder Design, Bridge Standards, and other design elements, as necessary.
- Provide construction plans in 11"x17" size, project specifications and a construction cost estimate at final completion level in pdf format, for review by the Client.
- Upon concurrence on Final plans by the Client, provide signed and sealed Final plans in both 11"x17" (half size) and 22"x34" (full size) in pdf format to the Client.
- Prepare bid sets including Plans, Specifications, and submit to the Client.
- Prepare Engineer's construction cost estimate.
- GCE shall submit total of two submissions. One at 95% submittal and one Final submittal.

It is anticipated the Client will provide the following:

- As-built plans for existing utilities.
- Project Survey
- Geotechnical Investigation and Foundation Recommendations Report
- Roadway design, and
- Other relevant information pertaining to the project.

C. Project Management

GCE will attend two (2) meetings with the Client/County. GCE will also coordinate bridge design work with the roadway design throughout the project.

Task 3: Bid Phase and Construction Phase Services

Bid Phase services were included in the NB Bridge Proposal.

In addition to those efforts included in the GCE's NB Bridge Proposal, Construction Phase services will include the following:

- A. Review shop drawings,
- B. Respond to Requests for Information (RFIs), and
- C. Attend up to two (2) additional progress meetings/Site Visits.



Project Cost

The work described in the above scope tasks will be performed at an estimated lump sum fixed cost of \$98,600.00. Direct expenses are billed at cost. Interim billing will be per monthly basis.

TASK AND DESCRIPTION	LABOR
Task 2 - Final Design Phase	\$94,400.00
Task 3 - Bid & Construction Phase	\$4,200.00
TOTALS	\$98,600.00

Schedule

GCE shall deliver the project submittals as specified above in accordance with the following schedule:

- GCE shall prepare and submit 95% submittal documents within 50 calendar days from Notice-to-proceed.
- Upon receipt of comments from The Client, GCE shall submit Final submittal documents within 20 calendar days.

Assumptions

The scope of services presented herein is based on the following assumptions:

1. The Client will provide right-of-way and topographic survey, geotechnical investigation report, and H&H studies and design for the proposed bridge widening,
2. The client will design and prepare plans for sidewalk connecting to the bridge, storm sewer outfalls incorporating surface run-off from the bridge, and channel protection at outfalls for Mustang Bayou.
3. The Client will design the bridge approaches and connecting roadways to the American canal service roads.
4. The Client will pay required fees and other costs related to the project directly to the County and other review agencies.

We appreciate the opportunity to be of service to you and look forward to working on this important project. If you have any questions or need more information, please contact me at (281) 412-7008 Ext. 104.

Sincerely,
GC ENGINEERING, INC.



A. Mahendra Rodrigo, P.E.
Principal



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.
 Zarinkelk Engineering Services, Inc.
 Houston, TX United States

Certificate Number:
 2020-695197

Date Filed:
 12/03/2020

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:
 01/05/2021

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.
 SOQ 14-025 Amendment No. 4
 Engineering Services

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)