

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

FIRST AMENDMENT TO AGREEMENT FOR CONSTRUCTION MATERIALS TESTING

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 Paradigm Consultants, Inc., (hereinafter “Contractor”), a company authorized to conduct business in the State of Texas.

WITNESSETH

WHEREAS, the parties executed an Agreement on April 27, 2021 (hereinafter “Agreement”) for Contractor to provide professional construction materials testing for the Ransom Road Widening Project No. 17103 under the 2017 Mobility Bond Program (hereinafter “Services”) pursuant to SOQ 14-025; and

WHEREAS, the parties desire to amend the Agreement to reflect the change in Services to be provided and increase the total Maximum Compensation under the Agreement.

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

1. County shall pay Contractor an additional Thirty-Three Thousand One Hundred Eighty-Five dollars (\$33,185.00) to perform the revised Services as described in the Description and Estimated Cost of Services dated May 20, 2022 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 Ninety-Three Thousand Five Hundred Seventy-Five dollars (\$93,575.00).

\$60,390.00	under the Agreement	
\$33,185.00	under this Amendment	
	TOTAL:	\$93,575.00

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.

[THE REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK.]

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 last party hereto.

FORT BEND COUNTY

PARADIGM CONSULTANTS, INC

KP George, County Judge




Authorized Agent – Signature

Date



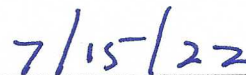
Authorized Agent – Printed Name

ATTEST:



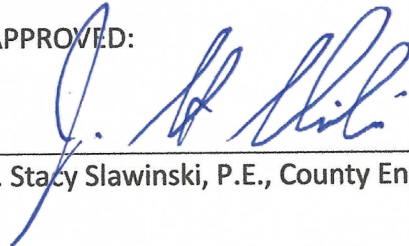
Title

Laura Richard, County Clerk



Date

APPROVED:



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

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

DESCRIPTION AND ESTIMATED COST OF SERVICES

Ransom Road

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Paradigm
Consultants, Inc.

May 20, 2022

Original Proposal No.: P21-059

Fort Bend County Engineering Department
Mr. Kevin Mineo
Binkley & Barfield
1710 Seamist Drive
Houston, Texas 77008

9980 W. Sam Houston Pkwy S.
Suite 500
Houston, Texas 77099

Tel: 713-686-6771

Fax: 713-686-6795

paradigmconsultants.com

TBPE Reg. No. F-001478

C/O

AIG Technical Services

Robert Baker

1500 S. Dairy Ashford Rd. #445

Houston, TX. 77077

**CMT Additional Funds Request for the
Ransom Road Widening Project**

Mr. Mineo

Paradigm Consultants, Inc., is extending this request for additional funds for the Ransom Road Widening Project. This request is being made to increase the estimated budgeted amount for CMT testing work that remains to be completed and is based on a previously negotiated fee schedule. We estimate, based on our current reports and conversations with the onsite contractor, approximately 35% of the work remains. We have billed \$60,288.39 of the proposed budget of \$60,390.00. Based on the contractor's schedule, we presume we will overrun our existing budget by the amount shown below. This Additional Funds Request **does not** include any further testing or changes in scope and is based on estimates for remaining testing provided by Mr. Robert Baker.

Estimated Cost of Services

We estimate that the remaining work to be performed in excess of budget is **\$33,185** as shown on the following cost summary and the enclosed Description and Estimated Cost of Services. **The actual cost of services is dependent on the contractor's actual schedule and efficiency.** We will invoice one PM hour for every eight field hours worked. We will only invoice for actual services provided and rely on the contractor to schedule testing.

Acceptance

If this Additional Funds Request meets with your approval, please return this form to us signed.

DESCRIPTION AND ESTIMATED COST OF SERVICES

Ransom Road

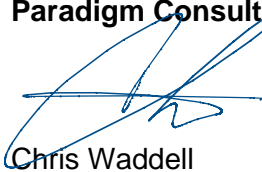
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Closing

We appreciate the opportunity to work with you on this project. If you should have any questions or comments, please do not hesitate to contact me.

Sincerely,

Paradigm Consultants, Inc.



Chris Waddell

CWI, ASNT Level 2, ACCP Level 2, NACE Level 2, ICC S1, COH Special Inspector
Senior Project and CMT Manager

Enc. Description of Services
 Estimated Cost of Services

EARTHWORK MONITORING AND TESTING

Representative samples of general area fill, structural fill, and stabilized subgrade will be obtained and tested in the laboratory for specification compliance and the optimum moisture/maximum dry density relations will be determined. He will also perform field density testing at the specified frequency for structural fill and stabilized subgrade.

CONCRETE MONITORING AND TESTING

Field Services. An engineering technician will perform monitoring and testing of the fresh concrete. He will also mold standard test cylinders during the concrete placement and pick up the specimens in the field and deliver to our laboratory to test for strength specification compliance. We will cast a set of four (4) cylinders for every 100 cubic yards of concrete placed each day.

Laboratory Testing. Two cylinders will be tested at 7 days and two at 28 days to determine compressive strength. We will provide sample curing and testing in accordance with standard procedures. We will report the test results of cylinders cast in connection with field inspection.

PROJECT MANAGEMENT

The project manager will attend progress meetings when testing is a regular topic of discussion and any special meetings that might be required. He will communicate immediately with appropriate project team members if tests or inspections fail to meet specification requirements to assist with an efficient resolution. He will process and submit technical reports to team members in a timely manner.

DESCRIPTION AND ESTIMATED COST OF SERVICES

Ransom Road

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Description	Est. Quan.	Unit	Rate	Amount	
Earthwork Monitoring and Testing	Est. Quar.	Unit	Rate	Amount	Phase Total
Atterberg Limits	2	Each	\$70.00	\$140.00	
Percent Passing #200 Sieve	2	Each	\$55.00	\$110.00	
Moisture/Density Relation - Standard	2	Each	\$245.00	\$490.00	
Optimum Lime Content - PI Method	2	Each	\$315.00	\$630.00	
Field Technician, RT	177	Hour	\$75.00	\$13,275.00	
Nuclear Density Device	13	Day	\$70.00	\$910.00	
Vehicle Charge	27	Trip	\$60.00	\$1,620.00	
Earthwork Subtotal					\$17,775.00
Concrete Monitoring and Testing	Est. Quar.	Unit	Rate	Amount	Phase Total
Field Technician, RT	94	Hour	\$75.00	\$7,050.00	
Senior Field Technician, OT	10	Hour	\$105.00	\$1,050.00	
Compressive Strength Cylinders	96	Each	\$20.00	\$1,920.00	
Vehicle Charge	19	Trip	\$60.00	\$1,140.00	
Concrete Subtotal					\$11,160.00
Project Management	Est. Quar.	Unit	Rate	Amount	Phase Total
Project Engineer (if needed)	2	Hour	\$200.00	\$400.00	
Project Manager	35	Hour	\$110.00	\$3,850.00	
Project Management Subtotal					\$4,250.00
TOTAL ESTIMATED TESTING COST					\$33,185.00

Financial Status Summary

Original Budget: \$60,390.00

Additional Funds Request 05/20/2022: \$33,185

Proposed Revised Budget: \$93,575

AUTHORIZE APPROVAL SIGNATURE: _____