

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 AIG Technical Services LLC, (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 November 12, 2019, (hereinafter "Agreement") pursuant to SOQ 14-025; and

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

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

1. County shall pay Contractor an additional seven hundred seventy-nine thousand three hundred twenty-eight dollars and no/100 (\$779,328.00), for the services as described in Contractor's proposal dated February 25, 2021, 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 six hundred three thousand eight hundred forty-eight dollars and no/100 (\$1,603,848.00), authorized as follows:
 \$824,520.00 under the Agreement; and
 \$779,328.00 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 written agreement executed by both parties.

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

FORT BEND COUNTY

AIG TECHNICAL SERVICES, LLC

KP George, County Judge


Authorized Agent – Signature

Date

Gabriel Y. Johnson
Authorized Agent – Printed Name

ATTEST:

PRINCIPAL
Title

Laura Richard, County Clerk

3/29/2021
Date

APPROVED:



J. Stacy Slawinski, 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



February 25, 2021

Mr. Stacy Slawinski, P.E.
Fort Bend County Engineering
301 Jackson
Richmond, Texas 77469

RE: FBC Mobility 2013 & 2017 Project Management Estimate

Dear Stacy,

As discussed, attached includes revised estimated management cost in Precincts 1, 2, 3 & 4 totaling \$779,328 for a period of 22 months. During the project we will invoice for actual hours expended with supporting documentation. If you have any questions, please call me at 832.875.5923.

Thank you and Regards,

A handwritten signature in black ink, appearing to read 'Gabe Johnson', written in a cursive style.

Gabriel Y. Johnson
Principal
AIG Technical Service, LLC
Gabe.Johnson@AIGtechnical.com
Cell: 832.875.5923

FORT BEND COUNTY
2017 Mobility Bond Program
Construction Management Services
AIG Technical Services, LLP
Fee Schedule

Labor:

Classification	Maximum Raw Rate	Multiplier	Billing Rate
Construction Manager (minimum 15 years experience)	\$ 72.00	3.0*	\$ 216.00*
Field Engineer (minimum 4 years experience)	\$ 60.00	2.5	\$ 150.00
Scheduler (minimum 5 years Primavera Scheduling)	\$ 40.00	3.0*	\$ 120.00*
Document Control & Accounting	\$ 25.00	3.0*	\$ 75.00*

*(The Billing Rate includes all payment due for raw salary, salary burdens, cell phones, equipment, supplies, benefits, insurance, payroll taxes, bonuses, overhead profit, management support, vacations, holidays and non-productive time of all kinds. * Includes vehicle expenses (mileage, gas and insurance)*

<u>Reimbursable Expenses:</u>	Allowance/ Mo.
Field Engineer Vehicle	\$ 1,000.00

Additional Expenses:

No additional expenses are forecasted throughout the project. If other expenses are requested by Fort Bend County they will be authorized in writing and paid in accordance with the terms of the authorization.



February 25, 2021

FORT BEND COUNTY
2017 Mobility Bond Program
Construction Management Services
AIG Technical Services, LLP
Management Cost Estimate

Labor

Classification	Billing Rate	Monthly Hrs. (Estimated)	Total Months	Total Hrs. (Estimated)	Total
Construction Manager	\$216.00	164	22	3,608	\$ 779,328.00
Field Engineer	\$150.00	0	22	0	\$ -
Scheduler	\$120.00	0	22	0	\$ -
Document Control	\$75.00	0	22	0	\$ -
Labor Total					\$779,328.00

Thank you and Regards,

Gabriel Y. Johnson
Principal
AIG Technical Service, LLC
Gebe.Johnson@AIGtechnical.com
Cell: 832.875.5923

EXHIBIT B

Mobility Bond Program FORT BEND COUNTY, TEXAS

Services to be provided by
Construction Manager

All services provided by the Construction Manager (CM) shall be under the direct supervision of the County Engineer. The CM may be requested to provide additional services not specifically listed below at the request of the County Engineer.

CM will provide professional engineering services in regard to Construction Management Services for the Mobility Bond Program. Under this agreement Construction Management Services will include, Construction Project Management, Project Document Control, and Observation & Inspection.

Construction Project Management

Acting on behalf of the County Engineer, manage the progress of the assigned Projects. Each assigned construction Project may require unique support activities; however the typical expectations and responsibilities for the CM are as follows:

Coordinate inspection and materials testing personnel, manage project schedules, coordinate, respond & track project requests for information (RFI), coordinate & track the review & approval of submittals & shop drawings.

Assist the County in conducting a pre-construction conference with the Contractor, County, utility providers, and other agencies having jurisdiction over the Project in order to establish construction schedules and to identify key representatives of the parties and lines of communication.

Review the plans and specifications in advance of the various work operations, and on a continual basis throughout the Project and become thoroughly familiar with the project requirements. Look ahead in the plans and at the Contractor's future operations to identify potential constructability problems, impacts to traffic, conflicts, omissions, plan errors, etc., that could result in delays, deficient work or extra costs and bring these issues to the County's attention, while working with the Contractor to resolve all issues.

Monitor the Contractor's established traffic control and operations for compliance with plans, specifications, and Texas Manual on Uniform Traffic Control Devices (TMUTCD) requirements, otherwise referred to as the contract documents. Monitor the Contractor's operation to verify workmanship and materials incorporated into the project meet the requirements of the contract documents.

Manage and direct inspectors to ensure inspectors are properly documenting construction activities, photo log, weather conditions, time charges, quantities with measurements and calculations, and Contractor's resources as well as project specific information associated with the project. Monitor Contractor's operations for conflicts with utilities, permit compliance and unforeseen jobsite conditions associated with the project. Identify discrepancies or deviations from the contract documents and immediately notify the Contractor and County, while working with the Contractor to resolve all issues.

Monitor the performance of the County's project designated construction materials testing laboratory (CMT) to help verify sampling, testing, and reporting are performed as required and in a timely manner. Review the testing data and verify results meet project specified requirements. Work with Contractor and CMT to resolve failing test results.

In conjunction with the County, coordinate with various entities on the project that include but are not limited to: County, designers, TxDOT personnel/contractors, cities, utility companies, County contractors, law enforcement, railroad companies, construction materials testing laboratory, etc. Take an active role in coordination efforts to ensure the project schedule is not delayed.

Evaluate Contractor's cost proposals and claims for additional compensation for extra work or time. Review change order proposals for validity and completeness of time impact and cost of change order work. Provide recommendations to the County for approval prior to implementation.

Review the Contractor's field documentation on a monthly basis to verify compliance with the Texas Pollutant Discharge Elimination System (TPDES) permit requirements. Inspect the Project on a regular basis and after each heavy rainfall to verify that the Storm Water Pollution Prevention Plan (SWPPP) is being followed as required and timely maintenance is occurring. Document discrepancies on a TPDES/SWPPP check list and report deficiencies to the Contractor and County.

Project Document Control

Construction documents consist of drawings, specifications, inspection reports, change orders, project schedule, requests for information (RFI), pay estimates, submittals, and any other documents related to the construction process. All documents shall be prepared in MasterWorks or scanned and uploaded.

Track submittals to verify the Contractor is providing all project required shop drawings and project submittals in a timely manner, and receiving proper approval prior to implementation. Conduct progress meetings as needed to coordinate the work and issue meeting minutes summarizing attendees, discussion, directives, and assignments. Review inspection reports for accuracy. Compile, review and recommend for approval the Contractor's monthly pay estimates. Review the project for substantial completion & final acceptance and coordinate final inspection with the County and other agencies having jurisdiction over the project.

Within 30-days of project completion, provide the following documents to County necessary to close out project;

- Road Acceptance Form
- Vendor Performance Form
- Appendices I – Engineer Construction Compliance Statement
- Appendices J – Contractor Affidavit of Construction Compliance
- Appendices K – Independent Testing Laboratory Certification
- Appendices L – Street and Road Inventory
- Deliver red-line drawings from Contractor to engineer-of-record to prepare record drawings

Observation & Inspection

Provide qualified field observation personnel sufficient to perform field observations of all testing and 100% of concrete paving placement and document the Contractor is following the design plans and project specifications. Generate inspection reports in MasterWorks each day an inspection is conducted at the site. Attend field meetings and inspections with the Contractor and County.

Conduct on-site inspections of the Project to ensure familiarity with the progress & quality of the work and determine if the work is proceeding in acceptable conformance with the construction contract documents. The inspector shall verify:

- storm sewer system (pipe, manholes, outfall structures, etc.) installation and backfill operations,
- water and sewer fittings, valves and appurtenances and testing of the facilities
- subgrade/base preparation including proof roll, gradations, and densities
- forms and reinforcing steel installation before concrete placement,
- installation of ALL concrete and/or asphalt pavement (from start to finish),
- bridge components including pilings/piers, bents, abutments, beams, deck, etc.
- traffic control installations and maintenance,
- integrity of SWPPP installations

Prepare inspection reports with photos in MasterWorks. The project inspection reports will also incorporate contract items of observation and decisions associated with the construction of the project which could be pertinent to extra work and/or claim situations such as records on the Contractor's heavy equipment, and personnel. Use digital photographs taken with an application that overlays a photo with the date, location, and direction taken, such as Solocator or a County approved equivalent (TBD by FBC) to document construction activities and progress, (with an emphasis on subsurface work) and capture details of problems, conflicts and potential claim issues.

Ensure Contractor maintains a full-size set of "redline" drawings throughout the duration of the Project. Provide the design engineer with information necessary to prepare a set of record drawings (as-builts).

Conduct final inspection with the County and prepare a punch list prior to final acceptance by the County. Upon project completion, issue and sign a "Notification of Completion" acknowledging the project is complete.

Contract with the County assigned inspection firms.