



Invoice # 2108-3
Invoice Date 1/7/2022

AIG Technical Services, LLC

Project Details					
Client Name	Fort Bend County Engineering Services				
Project Manager	Kevin A. Mineo, PE, Binkley & Barfield				
Project Name	Fort Bend County Evergreen St, Seg. 2 - 20123x				
Mobility Bond Project No.	20123x pursuant to SOQ 14-025				
Purchase Order #	205173				
Work Authorization NTP Date	9/29/2021				
Work Authorization End Date	12/31/2025				
Invoice Details					
Begin Service Date	12/1/2021				
End Service Date	12/31/2021				
Payment Type	Lump Sum				
Financial Summary					
Authorized Amount	\$809,498.78				
Previous Invoiced Amount	\$34,958.89				
Amount of this Invoice	\$103,213.87				
Total Invoiced to Date (including this invoice)	\$138,172.76				
Balance Remaining	\$671,326.02				

PS&E TASKS	Budget	Monthly %age task done	Total %age of task done	Invoice Amount	Previously Invoiced
AIG TECHNICAL SERVICES, LLC		Task	Task		
PHASE I - PRELIMINARY DESIGN PHASE (PER)	\$ 102,691.20	18.51%	42.94%	\$ 19,006.65	\$ 25,087.89
PHASE II - FINAL DESIGN PHASE	\$ 278,102.40	0.00%	0.00%	\$ -	\$ -
Total	\$ 380,793.60	4.99%	11.58%	\$ 19,006.65	\$ 25,087.89

IGET (BRIDGE AND H&H)					
PHASE I - PRELIMINARY DESIGN PHASE (PER)	\$ 69,180.00	18.42%	27.63%	\$ 12,742.00	\$ 6,371.00
PHASE II - FINAL DESIGN PHASE	\$ 106,740.00	0.00%	2.78%	\$ 2,970.00	
Total	\$ 175,920.00	8.93%	12.55%	\$ 15,712.00	\$ 6,371.00

LANDTECH (SURVEYING & MAPPING)					
CONTROL SURVEYING	\$ 14,591.99	80.00%	80.00%	\$ 11,673.59	\$ -
TOPOGRAPHIC SURVEYING AND MAPPING	\$ 58,843.26	50.00%	50.00%	\$ 29,421.63	\$ -
PROPOSED ROW SURVEYING & MAPPING	\$ 27,255.08	0.00%	0.00%	\$ -	\$ -
PROPOSED ACQUISITION PARCELS	\$ 97,324.05	0.00%	0.00%	\$ -	\$ -
OPTIONAL ADDITIONAL SERVICES – ROW STAKING	\$ 9,770.80	0.00%	0.00%	\$ -	\$ -
Total	\$ 207,785.18	19.78%	19.78%	\$ 41,095.22	\$ -

TERRACON (GEOTECHNICAL SERVICES)					
GEOTECHNICAL INVESTIGATION, ANALYSIS, AND REPORTING	\$ 31,000.00	59.68%	67.42%	\$ 18,500.00	\$ 2,400.00
TRAFFIC CONTROL	\$ 14,000.00	63.57%	71.43%	\$ 8,900.00	\$ 1,100.00
Total	\$ 45,000.00	60.89%	68.67%	\$ 27,400.00	\$ 3,500.00

PROJECT TOTAL	\$ 809,498.78	12.75%	17.07%	\$ 103,213.87	\$ 34,958.89
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January 7, 2022

Kevin A. Mineo, PE
Sr. Project Manager
Binkley & Barfield, Inc.

Project Name: FBC Evergreen St, Seg. 2, PS&E	FBC Project Number: 20123x pursuant to SOQ 14-025
Project Manager: Kevin A. Mineo, P.E.	PO Number: 205173

Dear Mr. Mineo,

Please find attached Invoice No. 2108-3 for the above reference project for the period December 1 to December 31, 2021. Activities completed during this period included:

Activities this Period:

PHASE I - PRELIMINARY DESIGN PHASE (PER)

1. PROJECT MANAGEMENT & ADMINISTRATION
 - a. Coordination and Project Management
 - i. Coordinated progress internal team calls
 - ii. Prepared of meeting minutes / action items
 - iii. Coordination/correspondence with BBI
 - iv. Subconsultant and project coordination
2. DATA COLLECTION
 - a. Continued data collection in preparation for PER
 - i. Continued utility coordination and data gathering
 - ii. Collected **un-signed** plans for 2010 Mustang Bayou Bridge (for information and reference only)
 - iii. Coordinated with GCWA regarding hydrology data and construction plans
3. DESIGN EXHIBITS
 - a. Continued development of proposed Typical Sections for different alignment concepts
 - b. Continued development of horizontal alignment options (4) based on LiDAR, aerial, parcel data, and preliminary topographic data
4. PRELIMINARY ENGINEERING REPORT (PER)
 - a. Continued PER process
 - i. Continued development of preferred Alignment and Typical Sections
 - ii. Continued preparation of alternative analysis matrix with 4 alternatives
5. IGET (BRIDGE AND H&H)
 - a. Continued data gathering and coordination with AIG
 - b. Performed HEC-RAS modeling and analysis of the Mustang Bayou bridge

- c. Laid out the Mustang Bayou bridge and performed preliminary structural design of the bridge elements
 - d. Begin laying out the American Canal bridge
6. LANDTECH (SURVEYING & MAPPING)
- a. Begin control surveying
 - b. Begin topographic survey and mapping
 - c. Provided preliminary topo file and bridge partial survey
 - d. Provided revised topo with Geotech boring logs
 - e. Continue incorporation of existing ROW and Utilities, and developing ROE Letters
7. TERRACON (GEOTECHNICAL SERVICES)
- a. Completed Field Coordination and Field Exploration
 - b. Begin Geotechnical Lab investigations

PHASE II - FINAL DESIGN PHASE

No activities at this stage

Activities Anticipated Next Period:

- 1. Progress Meetings with BBI
- 2. Internal Coordination meetings
- 3. Complete Geotechnical Lab Investigations in preparation for Draft Report
- 4. Begin scouring analysis and foundation design based on Geotech lab data
- 5. Continue Survey and ROW investigations
- 6. Continue Utility Coordination
- 7. Prepare for and attend Evergreen Alignment Workshop

Please contact me should you have any questions. We appreciate your business.

Respectfully,



Abraham Rebollar, P.E.
Project Manager
AIG Technical Service, LLC
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