



Invoice # 2106-4  
Invoice Date 11/3/2021

AIG Technical Services, LLC

Project Details	
Client Name	Fort Bend County Engineering Services
Project Manager	Gabriel Odreman, PE, RPS Consulting
Project Name	Fort Bend Parkway & Beltway 8
Mobility Bond Project No.	20219x pursuant to SOQ 14-025
Purchase Order #	201504
Work Authorization NTP Date	7/15/2021
Work Authorization End Date	12/31/2025
Invoice Details	
Begin Service Date	10/1/2021
End Service Date	10/31/2021
Payment Type	Lump Sum
Financial Summary	
Authorized Amount	\$384,765.60
Previous Invoiced Amount	\$47,743.48
Amount of this Invoice	\$77,422.37
Total Invoiced to Date (including this invoice)	\$125,165.85
Balance Remaining	\$259,599.75

PS&E TASKS	Budget	Monthly %age of task done	Total %age of task done	Invoice Amount	Previously Invoiced
<b>AIG TECHNICAL SERVICES, LLC</b>					
<b>Phase I</b>					
TCP, SW3P & TEMP & PERM Retaining walls	\$ 37,956.00	6%	9%	\$ 2,277.36	\$ 1,138.68
Preliminary Roadway Design 30%	\$ 18,264.00	12%	100%	\$ 2,191.68	\$ 16,072.32
Roadway Design (60%,90%,100%)	\$ 57,355.20	12%	12%	\$ 6,882.62	\$ -
Drainage Design (30%,60%,90%,100%)	\$ 35,200.00	14%	35%	\$ 4,928.00	\$ 7,392.00
Bridge Design (30%,60%,90%,100%)	\$ 22,500.00	16%	35%	\$ 3,600.00	\$ 4,275.00
Illumination (60%,90%,100%)	\$ 13,255.20	0%	0%	\$ -	\$ -
Signing & Pavement Marking (60%,90%,100%)	\$ 14,623.20	5%	5%	\$ 731.16	\$ -
Utility Coordination (30%,60%,90%,100%)	\$ 20,282.40	10%	35%	\$ 2,028.24	\$ 5,070.60
Project Estimate (30%,60%,90%,100%)	\$ 14,040.00	15%	35%	\$ 2,106.00	\$ 2,808.00
Project Management & Administration	\$ 22,773.60	10%	40%	\$ 2,277.36	\$ 6,832.08
Package Assembly for each submittal (4)	\$ 25,032.00	20%	35%	\$ 5,006.40	\$ 3,754.80
<b>Phase II</b>					
Construction Services	\$ 20,000.00	0%	0%	\$ -	\$ -
<b>ODE</b>	\$ 2,000.00	20%	0%	\$ 400.00	\$ 400.00
<b>Total</b>	<b>\$ 303,281.60</b>	<b>10.7%</b>	<b>26.4%</b>	<b>\$ 32,428.82</b>	<b>\$ 47,743.48</b>

<b>MBCO QA/QC</b>					
30% review	\$ 5,000.00	0%	0%	\$ -	\$ -
60% review	\$ 5,000.00	0%	0%	\$ -	\$ -
90% review	\$ 5,000.00	0%	0%	\$ -	\$ -
100% review	\$ 4,880.00	0%	0%	\$ -	\$ -
<b>Total</b>	<b>\$ 19,880.00</b>	<b>0%</b>	<b>0%</b>	<b>\$ -</b>	<b>\$ -</b>

<b>LANDTECH SURVEYING</b>					
90% survey @ 30% Submittal	\$ 28,000.00	77.7%	78%	\$ 21,744.80	\$ -
100% Survey	\$ 3,064.00	0%	0%	\$ -	\$ -
<b>Total</b>	<b>\$ 31,064.00</b>	<b>70.0%</b>	<b>70.0%</b>	<b>\$ 21,744.80</b>	<b>\$ -</b>

<b>RABA KISTNER GEOTECHNICAL INVESTIGATION</b>					
Geotechnical Drilling	\$15,284.00	100.0%	100%	\$ 15,284.50	\$ -
Laboratory Testing	\$6,776.00	44.2%	44.2%	\$ 2,998.00	\$ -
Engineering/Report	\$8,480.00	58.6%	58.6%	\$ 4,966.25	\$ -
<b>Total</b>	<b>\$ 30,540.00</b>	<b>76.1%</b>	<b>76.1%</b>	<b>\$ 23,248.75</b>	<b>\$ -</b>



November 3, 2021

**Gabriel Odreman, PE, PMP**

Project Manager

RPS | North America

Project Name: Fort Bend Parkway & Beltway 8, PS&E	FBC Project Number: 20219x pursuant to SOQ 14-025
Project Manager: <b>Gabriel Odreman, P.E.</b>	PO Number: 201504

Dear Mr. Odreman,

Please find attached Invoice No. 4 for the above reference project for the period October 1 to October 31, 2021. Activities completed during this period included:

**Activities this Period:**

1. TCP
  - a. Completed development of preferred alignment TCP concept layout for PER
2. PRELIMINARY ROADWAY DESIGN
  - a. Continued data collection in preparation for PER
  - b. Conducted project site visit (10/4/21)
  - c. Completed high-level traffic analysis at BW8 and W Hillcroft Avenue intersection and accompanying Memorandum
  - d. Completed Index, Title, and Typical Sections sheets at 30% Milestone level
  - e. Completed project layout and plan and profile sheets at 30% Milestone level
  - f. Completed Preliminary Engineering Report (PER) and supplemental documentation.
3. DRAINAGE DESIGN
  - a. Continued data collection
  - b. Conducted project site visit (10/4/21)
  - c. Completed preliminary Hydraulic modeling for PER
  - d. Completed preliminary hydrologic analysis for PER
  - e. Developed overall drainage area map sheet for PER
4. BRIDGE DESIGN
  - a. Completed development of proposed bridge Typical Section at 30% Milestone level
  - b. Completed development of bridge layout at 30% Milestone level
5. UTILITY COORDINATION
  - a. Continued data collection and as-build gathering
  - b. Updated Utility Conflict Table for PER
6. PROJECT ESTIMATE

- a. Completed development of 30% Milestone level cost estimate

## 7. PROJECT MANAGEMENT & ADMINISTRATION

- a. Coordination and Project Management
  - i. AIG Internal coordination calls / Meetings
  - ii. Project Progress Meeting with RPS and FBCTRA (10/12/21)
  - iii. Preparation of meeting minutes / action items
  - iv. Subconsultant project coordination
  - v. Continued development of internal PMP and CAD Manual
  - vi. Invoicing and progress report

## 8. PACKAGE ASSEMBLY (PER)

- a. Assembled PER document and 30% sheet packet for milestone submittal
- b. Completed Internal QC of the 30% Milestone package, including the PER

## 9. LANDTECH SURVEYING

- a. Completed field survey
- b. Completed Utility and ROW research
- c. AIG received Survey 2D and 3D CAD files

## 10. RABA KISTNER GEOTECHNICAL INVESTIGATION

- a. Completed Geotechnical Drilling
- b. Began research and Laboratory Testing
- c. Began Engineering Geotechnical Report

### **Activities Anticipated Next Period:**

- 1. Progress Meeting with RPS and FBCTRA
- 2. Complete Geotech report
- 3. Complete Field Survey Sheets
- 4. Continue Utility Coordination
- 5. Hold PER Meeting with FBC and FBCTRA and address comments

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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