



PO 215737
DMS
REC 657878

AGENDA

INVOICE NO. 20230110 - 1 - SES Horizon - Trammel Fresno - 20208

JANUARY 10, 2023

INVOICE TO:

STACY SLAWINSKI, P.E.
COUNTY ENGINEER
FORT BEND COUNTY
301 JACKSON STREET
RICHMOND, TEXAS 77469

REFERENCE PROJECT:

FORT BEND COUNTY MOBILITY BOND PROGRAM
IMPROVEMENTS TO TRAMMEL FRESNO ROAD
LIMITS: MCKEEVER ROAD TO SH 6
PROJECT NUMBER 20208
P.O. NUMBER 215737

SERVICE PERIOD: AUGUST 3, 2022 TO JANUARY 10, 2023

DESCRIPTION: PROFESSIONAL ENGINEERING SERVICES

| SCOPE OF WORK | CONTRACT MAXIMUM FEE TOTAL | AMOUNT AUTHORIZED TO DATE | PERCENT COMPLETE TO DATE | AMOUNT INVOICED TO DATE | AMOUNT PREVIOUSLY INVOICED | AMOUNT PAID TO DATE | AMOUNT DUE THIS INVOICE |
|---|----------------------------------|---------------------------------|--------------------------------|-------------------------------|----------------------------------|---------------------------|-------------------------------|
| 1. PRELIMINARY DESIGN | \$72,545.85 | \$72,545.85 | 50.00% | \$36,272.93 | \$0.00 | \$0.00 | \$36,272.93 |
| PRELIMINARY DESIGN - GEOTECHNICAL INVESTIGATION | \$26,608.50 | \$26,608.50 | 89.98% | \$23,943.50 | \$0.00 | \$0.00 | \$23,943.50 |
| PRELIMINARY DESIGN - RIGHT OF WAY SURVEY | \$60,850.00 | \$60,850.00 | 90.00% | \$54,765.00 | \$0.00 | \$0.00 | \$54,765.00 |
| PRELIMINARY DESIGN - TOPOGRAPHIC SURVEY | \$34,800.00 | \$34,800.00 | 95.00% | \$33,060.00 | \$0.00 | \$0.00 | \$33,060.00 |
| PRELIMINARY DESIGN - CHANNEL CROSS SECTION | \$14,800.00 | \$14,800.00 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| PRELIMINARY DESIGN - LEVEL B SUE | \$10,000.00 | \$10,000.00 | 95.00% | \$9,500.00 | \$0.00 | \$0.00 | \$9,500.00 |
| 2. FINAL DESIGN | \$127,450.00 | \$127,450.00 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 3. BID AND CONSTRUCTION PHASE SERVICES | \$16,710.00 | \$16,710.00 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 4. OPTIONAL ADDITIONAL SERVICES - LEVEL A SUE, RE- ESTABLISH SURVEY CONTROL DURING BID AND CONSTRUCTION | \$15,000.00 | \$15,000.00 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| 5. OPTIONAL ADDITIONAL SERVICES - FOR RETAINING WALLS | \$24,084.00 | \$24,084.00 | 0.00% | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| SUBTOTAL | \$402,848.35 | \$402,848.35 | | \$157,541.43 | \$0.00 | \$0.00 | \$157,541.43 |
| SUBTOTAL AMOUNT DUE THESE INVOICE | | | | | | | \$157,541.43 |
| TOTAL AMOUNT DUE THESE INVOICE | | | | | | | \$157,541.43 |

I CERTIFY THIS INVOICE TO BE TRUE AND CORRECT:

E. E. Salazar, Jr. P.E.

EPIFANIO E. SALAZAR, JR., P.E.
PRINCIPAL



PROJECT STATUS/PROGRESS REPORT NUMBER 1

Reference Project:

**Fort Bend County Mobility Bond Program
Improvements To Trammel Fresno Road
Limits: McKeever Road To SH 6
Project Number 20208
P.O. Number 215737**

Project Status (Preliminary Design): From August 3, 2022 To January 10, 2023

Establish a Typical Cross Section – 90% Complete
Determine ROW Acquisition Needs – 90% Complete
Determine Potential Conflicts with existing facilities & utilities – 90% Complete
Identify Critical Path Items – 50% Complete
Identify Problem Areas and Potential Resolutions – 50% Complete
Site Visit – 100% Complete
Prepare a Construction Cost Estimate – 30% Complete
Prepare 30% Completion Plans – 30% Complete
Utility Coordination – 50% Complete
Topographic Survey – 50% Complete
Control & Monumentation - Prepare Survey Control Map – 90% Complete
Right-of-way Parcel Exhibits – 0% Complete
Geotechnical Investigation – 95% Complete
Project Management & Meetings – 50% Complete

Monthly Progress Meetings have been held with FBC/RPS to date.

Project Status (Final Design):

1. None – project is not in final design phase.

Project Status (Bid And Construction Phase Services):

2. None – project is not in construction phase.

Planned Activities For Next 30 Days:

3. SES will continue to work on the Preliminary Design and Preliminary Engineering Report (PER) for this project.
4. Continue to coordinate this project with FBC, FBCDD, TXDOT, and LJA.

Reference Project:

Fort Bend County Mobility Bond Program
Improvements To Trammel Fresno Road

Limits: McKeever Road To SH 6

Project Number 20208

P.O. Number 215737

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5. SES and subproviders will continue to work on the right of way and topographic survey requirements for this project.
6. SES and subproviders will continue to work on the geotechnical engineering/investigation requirements for this project.
7. SES will continue to coordinate this project with existing public and private utilities for this project.

Action Items from RPS/FBC Next 30 Days:

8. RPS/FBC will secure environmental clearance for this project.
9. RPS/FBC will provide project area historical aerials in an effort to rule out any historical structures, artifacts, previous burial grounds, etc.....
10. RPS/FBC will verify if a tree preservation and tree protection plan is required for this project.
11. RPS/FBC will continue to coordinate this project with FBC/LJA for the interface design at the Trammel Fresno Road @ Sienna Parkway Intersection, which is being designed "by others".
12. RPS/FBC will continue to review the proposed typical sections and proposed plan view exhibits submitted to RPS and provide comments for SES to implement into the PER.

SES HORIZON CONSULTING ENGINEERS, INC.

TBPE Firm Registration Number 3922

Epi E. Salazar Jr. P.E.

Epifanio (Epi) E. Salazar Jr., P.E., Principal



Invoice

Project Manager John Fugate

August 26, 2022
Invoice No. 2208127
Professional Services through August 21, 2022
Project R2491-001: Fort Bend Co–Trammel Fresno
Road Survey

SES Horizon Consulting Engineers, Inc.
Epi.Salazar@seshorizon.com

Due Upon Receipt

| Task No. | Description | Fee Basis | Approved Contract Amount | Pct Compl | Total Invoiced To Date | Less Previously Billed | Current Invoice Amount |
|--------------------|------------------------------|-----------|--------------------------|-----------|------------------------|------------------------|------------------------|
| 704 | Right-of-way Survey | Lump Sum | 60,850.00 | 25.00 | 15,212.50 | 0.00 | 15,212.50 |
| 705 | Topographic Survey | Lump Sum | 34,800.00 | 30.00 | 10,440.00 | 0.00 | 10,440.00 |
| 705A | Channel Cross Sections | Lump Sum | 14,800.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 710 | Level B SUE | Lump Sum | 10,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 713 | Re-establish Project Control | Lump Sum | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Totals | | | 125,450.00 | | 25,652.50 | 0.00 | 25,652.50 |
| Total this Invoice | | | | | | \$25,652.50 | |



Invoice

Project Manager John Fugate

September 30, 2022
Invoice No. 2209116
Professional Services through September 25, 2022
Project R2491-001: Fort Bend Co-Trammel Fresno
Road Survey

Epi Salazar
SES Horizon Consulting Engineers, Inc.
epi.salazar@seshorizon.com

Due Upon Receipt

| Task No. | Description | Fee Basis | Approved Contract Amount | Pct Compl | Total Invoiced To Date | Less Previously Billed | Current Invoice Amount |
|----------|------------------------------|-----------|--------------------------|-----------|------------------------|------------------------|------------------------|
| 704 | Right-of-way Survey | Lump Sum | 60,850.00 | 80.00 | 48,680.00 | 15,212.50 | 33,467.50 |
| 705 | Topographic Survey | Lump Sum | 34,800.00 | 80.00 | 27,840.00 | 10,440.00 | 17,400.00 |
| 705A | Channel Cross Sections | Lump Sum | 14,800.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 710 | Level B SUE | Lump Sum | 10,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 713 | Re-establish Project Control | Lump Sum | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Totals | | | 125,450.00 | | 76,520.00 | 25,652.50 | 50,867.50 |

Total this Invoice

\$50,867.50

Outstanding Invoices

| Number | Date | Balance |
|---------|-----------|-----------|
| 2208127 | 8/26/2022 | 25,652.50 |
| Total | | 25,652.50 |



Invoice

Project Manager John Fugate

October 28, 2022
Invoice No. 2210150
Professional Services through October 23, 2022
Project R2491-001: Fort Bend Co–Trammel Fresno
Road Survey

Epi Salazar
SES Horizon Consulting Engineers, Inc.
epi.salazar@seshorizon.com

Due Upon Receipt

| Task No. | Description | Fee Basis | Approved Contract Amount | Pct Compl | Total Invoiced To Date | Less Previously Billed | Current Invoice Amount |
|----------|------------------------------|-----------|--------------------------|-----------|------------------------|------------------------|------------------------|
| 704 | Right-of-way Survey | Lump Sum | 60,850.00 | 90.00 | 54,765.00 | 48,680.00 | 6,085.00 |
| 705 | Topographic Survey | Lump Sum | 34,800.00 | 95.00 | 33,060.00 | 27,840.00 | 5,220.00 |
| 705A | Channel Cross Sections | Lump Sum | 14,800.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 710 | Level B SUE | Lump Sum | 10,000.00 | 95.00 | 9,500.00 | 0.00 | 9,500.00 |
| 713 | Re-establish Project Control | Lump Sum | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Totals | | | 125,450.00 | | 97,325.00 | 76,520.00 | 20,805.00 |

Total this Invoice

\$20,805.00

Outstanding Invoices

| Number | Date | Balance |
|---------|-----------|-----------|
| 2208127 | 8/26/2022 | 25,652.50 |
| 2209116 | 9/30/2022 | 50,867.50 |
| Total | | 76,520.00 |

**ALL-TERRA ENGINEERING, INC.**

6200 ROTHWAY, SUITE 140

HOUSTON, TX 77040

(713) 574-2371

kjulien@all-terra.com

INVOICE**BILL TO**

Mr. Epifanio (Epi) Salazar
SES Horizon Consulting Engineers, Inc.
10101 Southwest Freeway Suite 400
Houston, Texas 77074

INVOICE AE1275-1222-2
DATE 12/31/2022
TERMS Net 30
DUE DATE 01/30/2023

PROJECT NAME

Proposed Trammel Fresno Rd Rehabilitation
McKeever Road to State Highway 6
Missouri City, Fort Bend County, Texas

PROJECT NO.

AE22-1275

PROGRESS BILLING

90% Completion

| DESCRIPTION | QUANTITY | UNIT | UNIT RATE | AMOUNT |
|--|----------|------|------------------|------------------|
| FIELD ACTIVITIES: | 4 | hrs | 150.00 | 600.00 |
| Visual pavement evaluation by senior engineer | | | | |
| Mobe/demobe of drill rig | 1 | LS | 300.00 | 300.00 |
| Drilling/sampling of 11 borings (2 at 100' and 9 at 10') | 290 | ft. | 18.00 | 5,220.00 |
| Locate/identify/mark borings by graduate engineer | 3 | hrs | 85.00 | 255.00 |
| Coring of existing pavement | 11 | each | 80.00 | 880.00 |
| Field logging by qualified technician | 32 | hrs | 65.00 | 2,080.00 |
| Limited traffic control (cones, signs, technician as flagman during coring and drilling along the roadway) | 1 | LS | 1,600.00 | 1,600.00 |
| Grouting of roadway boreholes after drilling | 290 | ft. | 8.00 | 2,320.00 |
| Vehicle Charge | 39 | hrs | 7.50 | 292.50 |
| | | | Subtotal: | 13,547.50 |
| LABORATORY TESTING: | 48 | each | 60.00 | 2,880.00 |
| Atterberg Limits (ASTM D4318) | | | | |
| % Pass No. 200 Sieve (ASTM D1140) | 36 | each | 46.00 | 1,656.00 |
| Moisture Content (ASTM D2216) | 90 | each | 9.00 | 810.00 |
| Unconfined Compression (ASTM D2166) | 20 | each | 44.00 | 880.00 |
| Standard Proctor Test (ASTM D698) | 1 | each | 175.00 | 175.00 |

| | | | |
|--|--------|--------|--------------------|
| California Bearing Ratio, 3-Point (ASTM D1883) | 3 each | 185.00 | 555.00 |
| | | | Subtotal: 6,956.00 |
| ENGINEERING, COORDINATION, SUPERVISION, ANALYSIS & REPORT PREPARATION: Senior engineer, P.E. | 5 hrs | 150.00 | 750.00 |
| Graduate engineer/EIT | 26 hrs | 85.00 | 2,210.00 |
| Clerical/Drafting Support | 8 hrs | 60.00 | 480.00 |
| | | | Subtotal: 3,440.00 |

WE APPRECIATE YOUR BUSINESS

BALANCE DUE **\$23,943.50**



FORT BEND COUNTY, TEXAS PURCHASE ORDER

P.O. NUMBER: 215737

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P.O. DATE: 8/8/2022

DELIVERY BY: 8/8/2022

BUYER: Brooke A Lindemann

VENDOR: 19087

SES HORIZON CONSULTING ENGR
ENGINEERS, INC
10101 SOUTHWEST FWY, STE 400
HOUSTON TX 77074
EPI SALAZAR

SHIP TO: ENGINEERING
301 JACKSON STREET 4th FLOOR
RICHMOND TX 77469

BILL TO: COUNTY AUDITOR
301 JACKSON
RICHMOND, TX 77469

Deliveries must be made to the address and suite number listed above

The contents of this section are required by Texas Law and are included by County regardless of content.

Agreement to Not Boycott Israel Chapter 2270 Texas Government Code: By acceptance of purchase order, Contractor verifies Contractor does not boycott Israel and will not boycott Israel during the term of this Contract.

Texas Government Code Section 2251.152 Acknowledgment: By acceptance of purchase order, Contractor represents pursuant to Section 2252.152 of the Texas Government Code, that Contractor is not listed on the website of the Comptroller of the State of Texas concerning the listing of companies that are identified under Section 806.051, Section 807.051 or Section 2253.153.

Human Trafficking: By acceptance of Contract, Contractor acknowledges that Fort Bend 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.

| DESCRIPTION | QUANTITY | UNIT COST | EXTEND COST |
|---|------------|-----------|--------------|
| 1 TRAMMEL FRESNO PROJ 20208 Engineering services for TRAMM | 402,848 EA | \$1.00 | \$402,848.35 |

Engineering services for TRAMMEL FRESNO PROJ 20208

Approved in Commissioners Court 7.26.2022 in an amount not to exceed \$402,848.35
Time of performance through 12.31.2026

GRAND TOTAL: \$402,848.35