December 15, 2021 Project No: 2018-2042-01 Invoice No: 202376

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Project 2018-2042-01 Ft. Bend Grand Parkway Frontage Road

Grand Parkway (SH 99) - Segment 1 - Project Number 17303

2017 Mobility Bond Program Purchase Order No. 167060 Fort Bend County - Precinct 3

Professional Services from November 01, 2021 to November 30, 2021

Phase 100 Advance Planning/Preliminary Engineering

| Task | Fee | Percent Complete | Earned | Previous Fee Billing | Current Fee Billing |
|--------------------------|------------|---------------------|------------|-------------------------|------------------------|
| Schematic Design | 124,601.59 | 100.00 | 124,601.59 | 124,601.59 | 0.00 |
| Traffic Studies | 9,032.14 | 100.00 | 9,032.14 | 9,032.14 | 0.00 |
| Drainage Impact (Sirrus) | 60,371.25 | 100.00 | 60,371.25 | 60,371.25 | 0.00 |
| Management | 96,863.24 | 100.00 | 96,863.24 | 96,863.24 | 0.00 |
| Total Fee | 290,868.22 | | 290,868.22 | 290,868.22 | 0.00 |

Total this Phase 0.00

Phase 200 Management & Final PS&E Engineering

| Task | Fee | Percent Complete | Earned | Previous Fee Billing | Current Fee Billing |
|---------------------------------------|------------|---------------------|------------|-------------------------|------------------------|
| Roadway Design | 159,386.24 | 85.00 | 135,478.30 | 127,508.99 | 7,969.31 |
| Drainage Design (Sirrus) | 53,321.25 | 61.29 | 32,680.59 | 15,996.38 | 16,684.21 |
| SW3P | 43,447.45 | 70.00 | 30,413.22 | 28,240.84 | 2,172.38 |
| Traffic Signals | 34,057.22 | 80.00 | 27,245.78 | 25,542.92 | 1,702.86 |
| Traffic Signing and Pavement Markings | 74,536.60 | 80.00 | 59,629.28 | 55,902.45 | 3,726.83 |
| Miscellaneous and TCP | 219,604.76 | 75.00 | 164,703.57 | 153,723.33 | 10,980.24 |
| Management | 91,620.22 | 75.00 | 68,715.17 | 64,134.15 | 4,581.02 |
| Total Fee | 675,973.74 | | 518,865.91 | 471,049.06 | 47,816.85 |

Total this Phase \$47,816.85

Phase 300 Extras

| Task | Fee | Percent Complete | Earned | Previous Fee Billing | Current Fee Billing |
|---|------------|---------------------|------------|-------------------------|------------------------|
| Survey (Weisser) | 64,570.00 | 93.92 | 60,644.14 | 60,644.14 | 0.00 |
| ROW Parcel Mapping-17 Parcels (Weisser) | 25,500.00 | 100.00 | 25,500.00 | 25,500.00 | 0.00 |
| Geotechnical (Geotech) | 54,956.50 | 100.00 | 54,956.50 | 54,956.50 | 0.00 |
| Direct Expenses | 7,047.50 | 95.00 | 6,695.13 | 6,695.13 | 0.00 |
| Total Fee | 152,074.00 | | 147,795.77 | 147,795.77 | 0.00 |

Total this Phase 0.00

Phase 400 Bid/Construction Phase Services

| Task | Fee | Percent Complete | Earned | Previous Fee Billing | Current Fee Billing |
|----------------------|-----------|---------------------|--------|-------------------------|------------------------|
| Post Design Services | 39,631.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total Fee | 39,631.70 | | 0.00 | 0.00 | 0.00 |

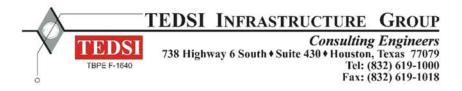
Total this Phase 0.00

Total this Invoice \$47,816.85

Authorized By: Authorized By: Date: 12/15/2021

Jules M. Morris Jr. P.F.





Invoice Progress Report No. 16

Project: Grand Parkway (SH 99) Frontage Road – Westheimer Pkwy to Cinco Ranch Blvd Invoice Period: November 1, 2021 – November 30, 2021

Progress During This Billing Period:

TEDSI:

- Coordination with Fawzi Abou-Hossa of TxDOT on project progress.
- Received TxDOT comments on our 60% PS&E Submittal on 11/15/2021.
- Still requested mainlane Drainage Report to prepare drainage plans. Met on September 17th with RPS, Civiltech, DEC, SPI to discuss drainage. Still have not received the Drainage Report. We are planning to visit yet again with RPS to discuss precisely when Civiltech will have the preliminary data that we need to design the trunk line ASAP.
- Continued working on all sheets for Title Sheet, Existing Typical Sections, Proposed Typical Sections, Roadway Plan & Profiles, Retaining Wall Plan & Profiles, TCP narrative and conceptual phasing layouts.
- Continued working on the preliminary traffic sheets including signal modification, signing and pavement marking.
- Requested EPIC sheets from TxDOT Environmental on 11/17/2021
- Updated preliminary cost estimate with accurate quantities.
- H-GAC approval on the STIP for the two frontage road projects is anticipated soon.
- General coordination with subconsultants, design team leaders, project management, invoice and progress reporting.

Geotech:

 Received estimate for three additional borings and updating the Geotech Report for retaining wall stability analysis as required by TxDOT.

Sirrus:

- Continued developing PS&E Drainage Plans, but do not have mainlane Drainage Report from RPS. Meeting with RPS soon to discuss when Civiltech will have their drainage report available for circulation.
- Updated plans based on 60% review comments and updated quantities.

Weisser:

 Received ROW mapping comments from Houston District ROW section on 11/19/2021 in hard copy red line format. Received the ROW CSJ 3510-04-062 on 11/22/2021.