

Post 167061
 AMS Rec 475221

DANNENBAUM ENGINEERING CORPORATION

3100 WEST ALABAMA HOUSTON, TEXAS 77098 P.O. BOX 22292 HOUSTON, TEXAS 77227 (713) 520-9570

Richard Stolleis, P.E.
 Fort Bend County
 301 Jackson Street
 Richmond, Texas 77469-3108

Invoice Date: December 20, 2018
 Invoice Period: 11/01/18 Through 11/30/18
 Invoice Number: 513601/04/II

For Professional Services:

In connection with Grand Parkway (SH 99) Southbound Frontage Road - Segment 2 (SOQ 14-025)
P.O. Number 167061
 2017 Mobility Bond Project #17304

DESCRIPTION OF WORK TASK	TOTAL CONTRACT AMOUNTS	PERCENT COMPLETE TO DATE	AMOUNTS EARNED TO DATE	PREVIOUSLY INVOICED AMOUNTS	CURRENT INVOICE AMOUNTS
Advanced Planning / Preliminary Engineering					
Schematic Design (Dannenbaum)	\$ 155,487.36	41.28%	\$ 64,185.68	\$ 45,313.90	\$ 18,871.78
Environmental / NEPA (SWCA)	\$ 147,000.00	20.86%	\$ 30,670.89	\$ 17,590.62	\$ 13,080.27
Traffic Studies (TEDSI)	\$ 13,016.64	0.00%	\$ -	\$ -	\$ -
Drainage Impact Report (Sirus)	\$ 78,720.00	81.74%	\$ 64,347.00	\$ 64,347.00	\$ -
Management (Dannenbaum)	\$ 168,284.94	17.50%	\$ 29,449.87	\$ 25,242.75	\$ 4,207.12
Final PS&E Engineering					
Roadway Design (Dannenbaum)	\$ 117,898.37	0.00%	\$ -	\$ -	\$ -
Drainage Design (Sirus)	\$ 87,715.00	0.00%	\$ -	\$ -	\$ -
SW3P (Dannenbaum)	\$ 24,018.62	0.00%	\$ -	\$ -	\$ -
Traffic - Signals (TEDSI)	\$ 33,328.99	0.00%	\$ -	\$ -	\$ -
Traffic - Signing & Pavement Marking (Dannenbaum)	\$ 43,524.10	0.00%	\$ -	\$ -	\$ -
Misc. & TCP (Dannenbaum)	\$ 149,212.22	0.00%	\$ -	\$ -	\$ -
Management (Dannenbaum)	\$ 214,838.40	0.00%	\$ -	\$ -	\$ -
Extras					
Survey (Weisser)	\$ 92,460.00	44.78%	\$ 41,404.60	\$ 41,404.60	\$ -
ROW Parcel Mapping (Weisser)	\$ 15,000.00	13.33%	\$ 2,000.00	\$ 2,000.00	\$ -
Geotechnical (Aviles)	\$ 63,121.46	75.98%	\$ 47,961.79	\$ 47,961.79	\$ -
Utility Coordination (Dannenbaum)	\$ 91,808.64	3.00%	\$ 2,754.26	\$ 918.09	\$ 1,836.17
Direct Expenses (Dannenbaum)	\$ 15,025.00	0.34%	\$ 51.24	\$ 26.71	\$ 24.53
Bid/Construction Phase Services					
Post Design Services (Dannenbaum)	\$ 62,504.06	0.00%	\$ -	\$ -	\$ -
Total Management & Engineering Fees	\$ 1,572,963.80	17.98%	\$ 282,825.33	\$ 244,805.46	\$ 38,019.87

TOTAL AMOUNT DUE THIS INVOICE: \$38,019.87

513601/MJK/II

OK, JS
 01/02/19

Progress Report No. 04
From November 01, 2018 to November 30, 2018
Report Date: December 14, 2018

2017 Mobility Bond Program SOQ 14-025

Project: SH99 Grand Parkway Southbound Frontage Road Segment 2
FM 1093 to Fry Road

Activities this Billing Period:

Schematic Design (Dannenbaum):

- Held bi-weekly progress conference calls with Segment 1 project lead TEDSI.
- Met with TxDOT on 11/08 to present schematics and discuss environmental processes and overall project schedule.
- Continued development of preliminary roadway schematic.
- Coordinated with TxDOT's consultants Walter P. Moore and Entech to obtain latest PDFs and design files of TxDOT's mainlane widening schematic.
- Provided updated schematic and cost estimate to County on 12/05 for submittal to HGAC for TIP update.
- Coordinated and managed environmental, surveying, geotechnical, and drainage design efforts.

Survey (Weisser)

- Collected additional topography features and boreholes and updated CAD file.
- Updated utility CAD file.
- Updated existing ROW for HEB Driveway and added to the CAD file.
- Prepared to begin ROW Mapping upon approval of schematic.

Environmental Studies (SWCA)

- Updated scoping tool with design information, ROW area, ramp reversal, lane closures, access changes, potential detention pond locations. Potential updates required from final alignment.
- Coordinated with TxDOT to obtain preferred report outlines.
- Began Initial Site Assessment (ISA), wetland delineation, water resources, biological assessment, and Community Impact Assessment (CIA) reports.
- Submitted draft cultural constraints analysis.
- Coordinated with TxDOT to obtain latest noise model for main lane widening.

Activities Next Month:

Schematic Design (Dannenbaum):

- Continue Schematic Design Development.
- Coordinate with TxDOT to advance design, including environmental technical reports, Frontage Road Request, Design Concept Conference, and changes to Control of Access.
- Continue coordination with sub consultants.
- Continue Coordination with Utility Companies.

Survey (Weisser)

- Update surveys as needed.
- Begin ROW Mapping upon approval of schematic design.

Geotechnical (Aviles)

- Address any comments on the draft Geotechnical Report.

Drainage Study (Sirus)

- Coordinate with Dannenbaum as schematic is developed.
- Address Drainage Study report comments from Dannenbaum.

Environmental Studies (SWCA)

- Continue updating TxDOT Scope Development Toll and Project Scoping Form.
- Continue preparation of reports.
- Begin Air and Noise analysis.

Approvals and Planned Deliverables next Month:

- Submit updated schematic to TxDOT for review.
- Submit preliminary drainage report to Fort Bend County and TxDOT for review.
- Submit preliminary Geotechnical report to Fort Bend County and TxDOT for review.



Michael J. Kaspar, P.E.

Svatek, Donna

From: Elise Dillow <edillow@spi-eng.com>
Sent: Monday, December 31, 2018 3:01 PM
To: ENGINvoices
Cc: Mark Dessens
Subject: Grand Parkway Frontage Road Segment 2 Invoice
Attachments: FBC SH99 Frontage Road-Invoice 4 November 2018.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

Attached is Dannenbaum's invoice for Grand Parkway Frontage Road Segment 2. I have reviewed the invoice and approve it for processing. Please let me know if you have any questions.

Thank you,

Elise Dillow | E.I.T.
p 281.920.0487 | f 281.920.9924



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