

DANNENBAUM ENGINEERING CORPORATION

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PO # 167061
Dms Rec 467507

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

Invoice Date: October 15, 2018
Invoice Period: 09/01/18 Through 09/30/18
Invoice Number: 513601/02/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	20.50%	\$ 31,879.55	\$ 19,298.37	\$ 12,581.18
Environmental / NEPA (SWCA)	\$ 147,000.00	2.50%	\$ 3,679.27	\$ 2,299.33	\$ 1,379.94
Traffic Studies (TEDSI)	\$ 13,016.64	0.00%	\$ -	\$ -	\$ -
Drainage Impact Report (Sirus)	\$ 78,720.00	71.74%	\$ 56,475.00	\$ 37,650.00	\$ 18,825.00
Management (Dannenbaum)	\$ 168,284.94	10.00%	\$ 16,828.50	\$ 8,414.25	\$ 8,414.25
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	\$ 38,007.10	\$ 3,397.50
ROW Parcel Mapping (Weisser)	\$ 15,000.00	13.33%	\$ 2,000.00	\$ -	\$ 2,000.00
Geotechnical (Aviles)	\$ 63,121.46	35.30%	\$ 22,281.88	\$ 22,281.88	\$ -
Utility Coordination (Dannenbaum)	\$ 91,808.64	0.00%	\$ -	\$ -	\$ -
Direct Expenses (Dannenbaum)	\$ 15,025.00	0.00%	\$ -	\$ -	\$ -
Bid/Construction Phase Services					
Post Design Services (Dannenbaum)	\$ 62,504.06	0.00%	\$ -	\$ -	\$ -
Total Management & Engineering Fees	\$ 1,572,963.80	11.10%	\$ 174,548.80	\$ 127,950.93	\$ 46,597.87

TOTAL AMOUNT DUE THIS INVOICE:

\$46,597.87

513601/MJK/II

OK, JSS
10/19/18

Progress Report No. 02
From September 01, 2018 to September 30, 2018
Report Date: October 12, 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 weekly progress conference calls with Segment 1 project lead TEDSI.
- 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.
- Coordinated and managed surveying, geotechnical, and drainage design efforts.
- Met with Fort Bend County on 09/04 to review schematic alignment.
- Obtained Grand Parkway Direct Connector design information from Brown & Gay (BGE) and Aguirre & Fields (A&F), and incorporated information into design.
- Revised schematic in response to County comments, and created second alternative based on BGE and A&F designs.
- Met with Fort Bend County on 10/10 to review schematic design.

Survey (Weisser)

- Collected additional topography features and boreholes and updated CAD file.
- Created utility CAD file.
- Finalized existing ROW and added to the CAD file.
- Continued creation of Right of Way Maps.

Geotechnical (Aviles)

- Completed laboratory testing.
- Began Engineering Analysis and Recommendations
- Began creation of Geotechnical Report.

Drainage Study (Sirus)

- Provided detention pond sizes for specific outfalls.
- Completed draft Drainage Study report and submitted to Dannenbaum for review.

Activities Next Month:

Schematic Design (Dannenbaum):

- Continue Schematic Design Development.
- Revise design based on October 10 meeting with Fort Bend County.
- Arrange meeting with TxDOT to coordinate design activities.
- Continue coordination with sub consultants.

Survey (Weisser)

- Complete topography survey and update CAD file.
- Complete utility survey and update CAD file.
- Continue preparation of Right of Way Maps.

Geotechnical (Aviles)

- Complete Engineering analyses.
- Submit draft Geotechnical Report to Dannenbaum for review

Drainage Study (Sirrus)

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

Approvals and Planned Deliverables next Month:

- Submit updated schematic to Fort Bend County for review.
- Submit preliminary drainage report to Fort Bend County for review.
- Submit schematic to TxDOT for review and coordination.
- Meet with TxDOT to move project forward.



Michael J. Kaspar, P.E.

Svatek, Donna

From: Elise Dillow <edillow@spi-eng.com>
Sent: Thursday, October 18, 2018 11:44 AM
To: ENGInvoices
Cc: Mark Dessens
Subject: Grand Parkway Frontage Road Segment 2
Attachments: FBC SH99 Frontage Road-Invoice 2 September 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 Morning,

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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