

PO # 05425  
ams Rec 492255

**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: May 16, 2019  
Invoice Period: 04/01/19 Through 04/30/19  
Invoice Number: 459301/85/II

For Professional Services:

In connection with improvements to FM 1093 from State Highway 99 to west of FM 359 in Fort Bend County  
Work Authorization No. 1, including Amendment No. 1 - 6  
**P.O. Number 85425**  
Mobility Bond Project #748

DESCRIPTION OF WORK TASK	TOTAL CONTRACT AMOUNTS	PERCENT COMPLETE TO DATE	AMOUNTS EARNED TO DATE	PREVIOUSLY INVOICED AMOUNTS	CURRENT INVOICE AMOUNTS
<b>Pre-Award Costs</b>					
Dannenbaum Engineering Corporation	\$ 100,000.00	100.00%	\$ 100,000.00	\$ 100,000.00	\$ -
<b>Subtotal Pre-Award Costs</b>	<b>\$ 100,000.00</b>		<b>\$ 100,000.00</b>	<b>\$ 100,000.00</b>	<b>\$ -</b>
<b>PHASE I</b>					
<b>Advanced Planning</b>					
Environmental / NEPA (Jacobs)	\$ 199,523.45	100.00%	\$ 199,523.45	\$ 199,523.45	\$ -
Environmental / NEPA (Jacobs) (Re-Evaluation)	\$ 192,856.87	100.00%	\$ 192,856.87	\$ 192,856.87	\$ -
Schematic Design (Klotz)	\$ 181,731.00	100.00%	\$ 181,731.00	\$ 181,731.00	\$ -
Drainage Impact Report (Klotz)	\$ 182,020.00	100.00%	\$ 182,020.00	\$ 182,020.00	\$ -
<b>Additional Services</b>					
Metro ROW Redesign - Schematic (Klotz)	\$ 124,250.00	100.00%	\$ 124,250.00	\$ 124,250.00	\$ -
Metro ROW Redesign - Drainage Analysis (Klotz)	\$ 50,750.00	100.00%	\$ 50,750.00	\$ 50,750.00	\$ -
Metro ROW Redesign - Schematic (DEC) (See attached for breakdown)	\$ 80,000.00	100.00%	\$ 80,000.00	\$ 80,000.00	\$ -
Metro ROW Redesign - Drainage Analysis (DEC) (See attached for breakdown)	\$ 45,000.00	100.00%	\$ 45,000.00	\$ 45,000.00	\$ -
<b>Management &amp; Engineering</b>					
Management (DEC) (See attached for breakdown)	\$ 1,200,373.44	100.00%	\$ 1,200,370.05	\$ 1,200,370.05	\$ -
Segment D Design (Costello)	\$ 1,469,342.10	100.00%	\$ 1,469,342.10	\$ 1,469,342.10	\$ -
Segment C Design (BBI)	\$ 1,376,703.72	100.00%	\$ 1,376,703.72	\$ 1,376,703.72	\$ -
Segment B Design (Half)	\$ 567,773.00	100.00%	\$ 567,773.00	\$ 567,773.00	\$ -
TCP Design (Klotz)	\$ 449,010.00	100.00%	\$ 449,010.00	\$ 449,010.00	\$ -
Traffic Engineering (Teds) - Signing & Signals)	\$ 272,279.00	100.00%	\$ 272,279.00	\$ 272,279.00	\$ -
<b>Post-Design Services</b>					
Management (DEC) (See attached for breakdown)	\$ 269,301.43	98.09%	\$ 264,145.63	\$ 263,308.15	\$ 837.48
Segment B Design (Half)	\$ 20,000.00	98.23%	\$ 19,646.52	\$ 19,646.52	\$ -
Segment C Design (BBI)	\$ 20,725.00	90.89%	\$ 18,837.69	\$ 18,837.69	\$ -
Segment D Design (Costello)	\$ 81,672.00	99.47%	\$ 81,241.67	\$ 81,241.67	\$ -
Traffic Engineering (Teds) - Signing & Signals)	\$ 31,733.36	89.01%	\$ 28,247.36	\$ 28,247.36	\$ -
Toll Gantry (Ramos)	\$ 7,935.00	90.86%	\$ 7,210.01	\$ 7,210.01	\$ -
TCP & Drainage (Klotz)	\$ 22,787.50	100.00%	\$ 22,787.50	\$ 22,787.50	\$ -
Survey (Weisser)	\$ 15,000.00	100.00%	\$ 15,000.00	\$ 15,000.00	\$ -
Geotechnical (HTS)	\$ 7,872.00	100.00%	\$ 7,872.00	\$ 7,872.00	\$ -
<b>HEB Right Turn Lane</b>					
Drainage (Klotz)	\$ 2,212.50	100.00%	\$ 2,212.50	\$ 2,212.50	\$ -
Management (DEC)	\$ 2,598.68	100.00%	\$ 2,598.68	\$ 2,598.68	\$ -
Segment C Design (BBI)	\$ 2,500.00	100.00%	\$ 2,500.00	\$ 2,500.00	\$ -
<b>Extras</b>					
Survey (Weisser)	\$ 262,180.00	100.00%	\$ 262,180.00	\$ 262,180.00	\$ -
ROW Parcel Mapping (Weisser)	\$ 156,379.21	100.00%	\$ 156,379.21	\$ 156,379.21	\$ -
Geotechnical (HTS)	\$ 120,970.00	100.00%	\$ 120,970.00	\$ 120,970.00	\$ -
Signal Warrant Studies (Teds)	\$ 2,820.00	100.00%	\$ 2,820.00	\$ 2,820.00	\$ -
Illumination (Teds)	\$ 53,376.83	100.00%	\$ 53,376.83	\$ 53,376.83	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 126,286.62	100.00%	\$ 126,286.62	\$ 126,286.62	\$ -
Utility Locating - SUE (LTRA)	\$ 63,565.82	100.00%	\$ 63,565.82	\$ 63,565.82	\$ -
Survey - Stake Right-of-Way (Weisser) Post-Design Services	\$ 13,520.00	100.00%	\$ 13,520.00	\$ 13,520.00	\$ -
Direct Expenses (DEC) (See attached for breakdown)	\$ 9,688.47	100.00%	\$ 9,688.47	\$ 9,688.47	\$ -
<b>Subtotal PHASE I</b>	<b>\$ 7,684,737.00</b>		<b>\$ 7,672,695.70</b>	<b>\$ 7,671,858.22</b>	<b>\$ 837.48</b>

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<b>PHASE II</b>						
<b>Advanced Planning</b>						
Environmental (Klotz)	\$ 552,394.25	100.00%	\$ 552,394.25	\$ 552,394.25	\$ -	\$ -
Schematic Design (Klotz)	\$ 242,986.25	100.00%	\$ 242,986.25	\$ 242,986.25	\$ -	\$ -
Drainage Impact Report (Klotz)	\$ 136,246.00	96.28%	\$ 131,176.00	\$ 131,176.00	\$ -	\$ -
Drainage Analysis (Costello)	\$ 19,180.00	98.88%	\$ 18,964.76	\$ 18,964.76	\$ -	\$ -
<b>Management &amp; Engineering</b>						
Management (DEC) (See attached for breakdown)	\$ 556,882.00	98.76%	\$ 549,988.63	\$ 549,988.63	\$ -	\$ -
Segment B - Section 2 Design (Half)	\$ 606,560.00	100.00%	\$ 606,560.00	\$ 606,560.00	\$ -	\$ -
Segment B - Section 1 Design (DEC) (See attached for breakdown)	\$ 587,135.00	100.00%	\$ 587,135.00	\$ 587,135.00	\$ -	\$ -
Segment A Design (CivilCorp)	\$ 608,288.40	100.00%	\$ 608,288.40	\$ 608,288.40	\$ -	\$ -
TCP Design (DEC) (See attached for breakdown)	\$ 131,006.53	100.00%	\$ 131,006.53	\$ 131,006.53	\$ -	\$ -
Traffic Engineering (Teds - Signing & Signals)	\$ 231,670.24	98.46%	\$ 228,099.24	\$ 228,099.24	\$ -	\$ -
Construction Management, Inspection & Material Testing	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
<b>Extras</b>						
Survey (Weisser)	\$ 17,073.08	100.00%	\$ 17,073.08	\$ 17,073.08	\$ -	\$ -
ROW Parcel Mapping (Weisser)	\$ 216,554.47	100.00%	\$ 216,554.47	\$ 216,554.47	\$ -	\$ -
Geotechnical (HTS)	\$ 124,251.00	100.00%	\$ 124,248.50	\$ 124,248.50	\$ -	\$ -
Utility Coordination (DEC) (See attached for breakdown)	\$ 135,333.00	100.00%	\$ 135,333.00	\$ 135,333.00	\$ -	\$ -
Utility Relocation Design (DEC) (See attached for breakdown)	\$ 59,807.00	94.47%	\$ 56,500.42	\$ 56,500.42	\$ -	\$ -
Utility Locating - SUE (LTRA)	\$ 17,310.78	100.00%	\$ 17,310.78	\$ 17,310.78	\$ -	\$ -
Direct Expenses (DEC) (See attached for breakdown)	\$ 21,000.00	97.64%	\$ 20,503.99	\$ 19,922.85	\$ -	\$ 581.14
<b>Phase II-A Post-Design Services</b>						
<b>Management &amp; Engineering</b>						
Management (DEC) (See attached for breakdown)	\$ 97,661.00	92.64%	\$ 90,472.32	\$ 89,634.84	\$ 837.48	\$ -
Segment B Design (DEC) (See attached for breakdown)	\$ 18,130.00	41.04%	\$ 7,440.49	\$ 7,440.49	\$ -	\$ -
Segment B Design (Half)	\$ 50,000.00	96.81%	\$ 48,402.60	\$ 48,402.60	\$ -	\$ -
Traffic Engineering (Teds - Signing, Signals, Illumination)	\$ 18,056.00	68.25%	\$ 12,322.66	\$ 12,322.66	\$ -	\$ -
<b>Phase II-B Post-Design Services</b>						
<b>Management &amp; Engineering</b>						
Management (DEC) (See attached for breakdown)	\$ 40,000.00	36.10%	\$ 14,440.31	\$ 12,346.61	\$ 2,093.70	\$ -
Segment A Design (Civil Corp)	\$ 30,000.00	68.94%	\$ 20,680.83	\$ 19,636.83	\$ 1,044.00	\$ -
Traffic Engineering (Teds - Signing, Signals, Illumination)	\$ 10,000.00	0.00%	\$ -	\$ -	\$ -	\$ -
<b>Extras</b>						
Survey - Stake Right-of-Way (Weisser)	\$ 27,500.00	100.00%	\$ 27,500.00	\$ 27,500.00	\$ -	\$ -
ROW Parcel Mapping (Weisser)	\$ 8,000.00	0.00%	\$ -	\$ -	\$ -	\$ -
Geotechnical Engineering (HTS)	\$ 10,000.00	34.11%	\$ 3,411.00	\$ 3,411.00	\$ -	\$ -
<b>Subtotal PHASE II</b>	<b>\$ 4,573,025.00</b>		<b>\$ 4,468,793.51</b>	<b>\$ 4,464,237.19</b>	<b>\$ 4,556.32</b>	
<b>TOTALS</b>	<b>\$ 12,357,762.00</b>	<b>99.06%</b>	<b>\$ 12,241,489.21</b>	<b>\$ 12,236,095.41</b>	<b>\$ 5,393.80</b>	

**TOTAL AMOUNT DUE THIS INVOICE: \$5,393.80**

*OK, JSS  
5/20/19*

DESCRIPTION OF WORK TASK	HOURS/UNITS	RATE	AMOUNT
<b>Details for Dannenbaum Engineering Corporation</b>			
<b>Phase I Post-Design Services Management &amp; Engineering Phase I Management (DEC)</b>			
Michael Kaspar, Project Manager	4.00	\$ 209.37	\$ 837.48
Subtotal	4.00		\$ 837.48
<b>Direct Expenses - Phase II</b>			
<b>M. Kaspar - Mileage Accessible Design Solutions - TAS Inspections</b>			
M. Kaspar - Mileage	183.00	\$ 0.580	\$ 106.14
Subtotal			\$ 475.00
Subtotal			\$ 581.14
<b>Phase II-A Post-Design Services (SA6) Management &amp; Engineering Phase II-A (SA6) Management (DEC)</b>			
Michael Kaspar, Project Manager	4.00	\$ 209.37	\$ 837.48
Subtotal	4.00		\$ 837.48
<b>Phase II-B Post-Design Services Management &amp; Engineering Phase II-B Management (DEC)</b>			
Michael Kaspar, Project Engineer	10.00	\$ 209.37	\$ 2,093.70
Subtotal	10.00		\$ 2,093.70
<b>TOTAL</b>			\$ 4,349.80

**FM 1093 Westpark Extension  
Progress Report  
From April 16, 2019 to May 15, 2019  
Report Date: May 15, 2019**

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**Fort Bend County Engineer:** Stacy Slawinski, P.E.

**Project Manager:** Michael J. Kaspar, P.E.  
Dannenbaum Engineering Corporation (DEC) - Houston

**Phase I Construction Phase Services**

- Coordinated with Gulf South Pipeline to remove flowable fill placed in ditch line.
- Obtained Survey information from Weisser at Gulf South Pipeline

**Phase II-A Construction Phase Services**

- Coordinated with ADS to perform TDLR inspection and obtain approval of pedestrian elements.
- Coordinated with utility companies to raise aerial lines at Cross Creek Ranch driveway crossings.

**Phase II-B Construction Phase Services**

- Attended Monthly Construction Meetings with TxDOT and SER.
- Coordinated with Utility Companies to complete utility relocations and provided updates to TxDOT. All relocations through Phase II-B are scheduled to be complete by the end of January, with the exception of AT&T and Comcast. Both are expected to be complete by the end of May 2019.
- Met with CenterPoint and Kinder Morgan to coordinate service relocation west of Katy-Fulshear.
- Assisted TxDOT with property owner contacts to remove fences and other obstructions.
- Responded to RFIs 19 through 24. Provided revised plans per RFI responses.
- Responded to clarification requests from construction team.



Michael J. Kaspar, P.E.

