

PO # 85425  
 DMS  
 Rec 489058

**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: April 19, 2019  
 Invoice Period: 03/01/19 Through 03/31/19  
 Invoice Number: 459301/84/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>   | \$ 100,000.00          |                          | \$ 100,000.00          | \$ 100,000.00               | \$ -                    |
| <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          | 97.77%                   | \$ 263,308.15          | \$ 263,308.15               | \$ -                    |
| 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>   | \$ 7,684,737.00        |                          | \$ 7,671,858.22        | \$ 7,671,858.22             | \$ -                    |

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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)                   | \$ 557,882.00           | 98.59%        | \$ 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)              | \$ 20,000.00            | 99.61%        | \$ 19,922.85            | \$ 19,922.85            | \$ -                |
| <b>Phase II-A Post-Design Services</b>                          |                         |               |                         |                         |                     |
| <b>Management &amp; Engineering</b>                             |                         |               |                         |                         |                     |
| Management (DEC) (See attached for breakdown)                   | \$ 97,661.00            | 91.78%        | \$ 89,634.84            | \$ 87,959.88            | \$ 1,674.96         |
| 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            | 30.87%        | \$ 12,346.61            | \$ 8,577.95             | \$ 3,768.66         |
| Segment A Design (Civil Corp)                                   | \$ 30,000.00            | 65.46%        | \$ 19,636.83            | \$ 13,653.03            | \$ 5,983.80         |
| 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>\$ 4,464,237.19</b>  | <b>\$ 4,452,809.77</b>  | <b>\$ 11,427.42</b> |
| <b>TOTALS</b>   | <b>\$ 12,357,762.00</b> | <b>99.02%</b> | <b>\$ 12,236,095.41</b> | <b>\$ 12,224,667.99</b> | <b>\$ 11,427.42</b> |

TOTAL AMOUNT DUE THIS INVOICE: \$11,427.42

*OK, JSS  
04/20/19*

| DESCRIPTION OF WORK TASK                              | HOURS/UNITS | RATE      | AMOUNT             |
|---|-------------|-----------|--------------------|
| <b>Details for Dannenbaum Engineering Corporation</b> |             |           |                    |
| <b>Phase II-A Post-Design Services (SA6)</b>          |             |           |                    |
| <b>Management &amp; Engineering Phase II-A (SA6)</b>  |             |           |                    |
| Management (DEC)                                      |             |           |                    |
| Michael Kaspar, Project Manager                       | 8.00        | \$ 209.37 | \$ 1,674.96        |
| Subtotal  | 8.00        |           | \$ 1,674.96        |
| <b>Phase II-B Post-Design Services</b>                |             |           |                    |
| <b>Management &amp; Engineering Phase II-B</b>        |             |           |                    |
| Management (DEC)                                      |             |           |                    |
| Michael Kaspar, Project Engineer                      | 18.00       | \$ 209.37 | \$ 3,768.66        |
| Subtotal  | 18.00       |           | \$ 3,768.66        |
| <b>TOTAL</b>  |             |           | <b>\$ 5,443.62</b> |

**FM 1093 Westpark Extension  
Progress Report  
From March 09, 2019 to April 15, 2019  
Report Date: April 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.

**Phase II-A Construction Phase Services**

- Coordinated with utility companies and construction team to resolve conflicts with existing and abandoned utilities.
- Provided revised roadway plan for northeast corner of FM 1463 intersection.
- Responded to clarification requests from construction team.

**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 April 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 16, 17, & 18. Provided revised plans per RFI responses.
- Responded to clarification requests from construction team.



Michael J. Kaspar, P.E.