

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §



AMENDMENT NO. 2 TO WORK AUTHORIZATION NO. 3 & NO. 4

THIS AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter "County"), a body corporate and politic under the laws of the State of Texas, and IDC, Inc., (hereinafter "Engineer"), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Professional Engineering Services Agreement on January 26, 2010 (hereinafter "Agreement") for preliminary planning activities for park and ride facilities located in Fort Bend County, Texas; and

WHEREAS, pursuant to the Agreement the parties executed Work Authorization No. 3 and Work Authorization No. 4 on September 24, 2013, incorporated herein by reference; and

WHEREAS, the parties executed and accepted that certain Amendment No. 1 to Work Authorization No. 3 and that certain Amendment No. 1 to Work Authorization No. 4 on March 25, 2014, incorporated herein by reference; and

WHEREAS, the parties desire to modify the scope of professional services to be provided under both Work Authorizations and further extend the deadline for completing such the professional services in this single document.

NOW, THEREFORE, the parties do mutually agree as follows:

1. The engineering services generally described as planning and design work to be performed by Engineer in Work Authorization No. 3 and Work Authorization No. 4 shall be modified as reflected in the Engineer's Scope of Service, Labor Estimate and Schedule further detailed in Exhibits A, B, and C respectively, which are attached hereto and made a part of this Amendment No. 2.
2. The maximum amount payable under this Amendment No. 2 shall be an additional one hundred eighteen thousand one hundred seventy-five dollars and 00/100 (\$118,175.00). This amount is based upon fees set forth in Exhibit B.
3. This Amendment No. 2 shall become effective on the date of final acceptance of the parties hereto and shall terminate on December 31, 2015, unless extended by further agreement of the parties.

Except as provided herein, all terms and conditions of the Agreement, Work Authorization No. 3, and Work Authorization No. 4 shall remain unchanged.

FORT BEND COUNTY

Robert E. Hebert
Robert E. Hebert, County Judge

12-2-2014

IDC, INC.

Jim Gonzales
Authorized Agent- Signature

Jim Gonzales
Authorized Agent- Printed Name

President & CEO
Title

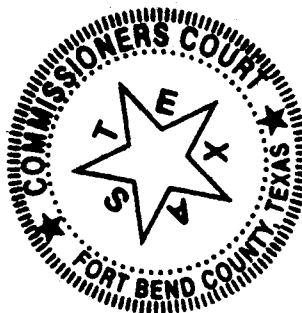
November 24, 2014
Date

ATTEST:

Dianne Wilson
Dianne Wilson, County Clerk

APPROVED:

Paulette Shelton
Paulette Shelton, Public Transportation Director



AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 118,175.00
to accomplish and pay the obligation of Fort Bend County under this contract.

Robert E. Sturdivant
Robert Edward Sturdivant, County Auditor

EXHIBIT A

SCOPE OF SERVICE WESTPARK P&R FINAL DESIGN and PS&E WA NO. 3 & NO. 4 (Mod. No. 1) 11/17/2014

General Scope of the Project

The work to be performed by the Engineer under this WA modification consists of providing design services for revising the layout for the proposed Westpark Park and Ride facilities on Fort Bend County's property, described in F.B.C.C.F No. 972666, located within the 1980 block along the north ROW of FM 1093, approximately 1.0 mile east of Mason Road.

These revisions are necessary to incorporate changes to the previously approved layout to include: Eliminate the patron only driveway and convert the busy only driveway to both bus/patron driveway; relocate the right turn lane, including deceleration length, to front only on FBC owned property; reconfigure the parking area to accommodate the change in driveways; adjust location of passenger loading/unloading platform, including canopy and toilettes; and provide for ITS and security cameras.

PARK & RIDE REVISIONS

I Civil Design:

- A. Prepare alternatives for new site layout and meet with County staff to analyze alternatives. Prepare revised layout based on County's preferred alternative.
- B. Revise demolition plans to incorporate new location of right-turn lane.
- C. Revise typical sections to incorporate changes in site layout.
- D. Revise final plan layout to incorporate changes in P&R layout.
- E. Revise contour layout to incorporate changes in P&R final grading.
- F. Revise roadway plan and profile sheets for off-site right-turn passenger vehicle driveway/access road and bus driveway/access road.

II Drainage Design

- A. Revise final design area map to incorporate changes in P&R layout.
- B. Revise detailed hydraulic calculations as necessary to incorporate storm sewer system changes.
- C. Revise final storm layout for driveways, right turn lane, bus loop and parking areas.
- D. Revise storm sewer profiles to incorporate layout changes.

III Utility Design – No Revisions

- IV Signing and Striping (Included in WA No. 4)**
A. Revise layouts showing signings and pavement markings for to incorporate changes to FM 1093, parking space limits, handicapped parking, bus lanes only,
- V Miscellaneous Design**
A. Title sheet and Index – No Change
B. Prepare Quantities and Construction Estimate – No Change
C. Prepare Specifications and General Notes – No Change
D. Revise SW3P Drawings to incorporate changes.
E. Revise Earthwork Cross-sections to incorporate changes.
F. Coordinate with TDLR – No Change.
G. Prepare Project & Construction Schedule – No Change
H. Prepare Project Manual – No Change
I. Assemble additional PS&E for review.
- VI Parking Area Illumination (Included in WA No. 4)**
A. Revise Area Lighting configuration and reanalyze for adequacy.
- VII Landscaping and Irrigation (Included in WA No. 4)**
A. Revise 90% plans to incorporate changes to layout.
- VIII Architectural and Structural Design**
A. Revise architectural plans for the bus shelter, platform, and driver restroom building to incorporate site layout changes.
B. Revise electrical design for platform lighting, restroom building and the design of conduits and wiring for parking lot lighting to incorporate site layout changes. Provide for ITS facilities.
C. Revise structural design for the foundations and frame of the canopy structure, foundations and walls for the restroom building to incorporate site layout changes.
- IX Geotechnical Investigations – No Changes**

OFF-SITE UTILITY DESIGN

- X. Utility Design**
- A. Prepare proposed 12-inch waterline plan and profile sheets (assume 3 sheets). Design connection to Off-site Water Provider. Provide water connection for the Park and Ride area.
B. Prepare 8-inch sanitary sewer plan and profile sheets (assume 3 sheets). Design Connection to Off-site Sanitary Sewer Provider. Provide sanitary sewer connection for the Park and Ride area.
C. Prepare design for Sanitary Sewer lift station, using a "packaged" lift station.
D. Prepare standard detail drawings (assume 8 sheets).

XI. Geotechnical Investigations

- A. Obtain soil samples along utility route and at lift station site.
- B. Perform laboratory testing on soil samples.
- C. Prepare Geotechnical report with soil boring layout, boring log and test data, groundwater conditions, generalized subsurface conditions, utility design recommendations, structural lift requirements, and general earthwork recommendations.

XII. – Field Surveys and ROW Mapping

- A. Perform topographic survey along route of proposed utilities.
- B. Provide boundary survey for utility easements.

XIII. Prepare Categorical Exclusion Environmental Document for Utility Easements.

- A. Coordinate with County, TxDOT and resource agencies.
- B. Conduct field work to locate any environmental constraints.
- C. Prepare Categorical Exclusion document and submit to FTA for review and approval.

EXHIBIT B
FINAL DESIGN AND PS&E
11/17/2014
IDC
WESTPARK P&R FINAL DESIGN
WA NO. 3 (Mod No. 1)

P&R REVISIONS

TASK DESCRIPTION	COST
I. Civil Design	
A. Revise Final Site Layout	\$1,850
B. Demolition Plan	\$825
C. Revise Final Typical Section	\$1,060
D. Revise Final Plan Layout	\$2,050
E. Revise Contour Layout	\$2,240
F. Revise Off-site for - RT Turn Lane & Bus Driveway	\$4,740
SUBTOTAL TASK	\$12,765
II. Drainage Design	
A. Revise Final Design Area Map	\$285
B. Revise Hydraulic Calculations	\$1,080
C. Revise Final Storm Sewer Layout	\$980
D. Revise Storm Sewer Profiles (1"=40')	\$980
E. Storm Water Detention Facility Pond/outfall	\$0
F. Drainage Details Outfall to TxDOT	\$0
SUBTOTAL TASK	\$3,325
III. Utility Design - Onsite	
A. Existing Utilities Layout	\$0
B. Utility Company Coordination	\$0
C. Water Line Design	\$0
D. Sanitary Sewer Design	\$0
E. Water and Sewer Details	\$0
SUBTOTAL TASK	\$0
IV. Signing and Striping (Included in WA No. 4)	
A. Signing and Striping Layout	
B. Advanced Warning Signs Layout	
C. Signing and Striping Details	
SUBTOTAL TASK	\$0

TASK DESCRIPTION	COST
V. Miscellaneous Design	
A. Title Sheet and Index	\$0
B. Quantities and Construction Estimate	\$0
C. Specifications & General Notes	\$0
D. Revise SW3P Drawings	\$275
E. Revise Earthwork Cross-sections	\$1,065
F. TDLR Coordination	\$0
G. Project & Construction Schedule	\$0
H. Prepare Project Manual	\$0
I. Assemble PS&E	\$650
SUBTOTAL TASK	\$1,990
VI. Parking Lot Illumination (Included in WA No. 4)	
A. Design for Area lighting	
Subtotal	\$0
VII. Landscaping and Irrigation (Included in WA No. 4)	
A. Preliminary Plans	
B. Design Development	
C. Construction documents	
D. Bidding	
SUBTOTAL TASK	\$0
VIII. Architectural and Structural (PGAL)	
A. Revise Architectural Design	6400
B. Revise MEP Design	\$3,500
C. Structural Design	5400
SUBTOTAL TASK	\$15,300
IX. Geotechnical Investigations	
A. Field Exploration	
B. Laboratory Testing	
C. Prepare Draft Report	
D. Prepare Final Report	
SUBTOTAL TASK	\$0
SUBTOTAL COST P&R REVISIONS	\$33,380

OFF-SITE UTILITY DESIGN

TASK DESCRIPTION	COST
X. Utility Design	
A. 12-inch Water Line Extension Design	\$8,406
B. 8-inch Sanitary Sewer Extension Design	\$7,932
C. Lift Station Design	\$10,716
D. Standard Detail Drawings	\$894
SUBTOTAL TASK	\$27,948
XI. Geotechnical Investigations	
A. Field Exploration	\$5,090
B. Laboratory Testing	\$1,838
D. Prepare Final Report	\$4,032
SUBTOTAL TASK	\$10,960
XII. Survey	
A. Topographic Survey	\$9,076
B. ROW Mapping of Utility Easements	\$11,066
D. Indirect Expenses	\$725
SUBTOTAL TASK	\$20,867
XIII. Prepare Categorical exclusion	
A. Coordination	\$2,500
B. Field Investigations	\$4,500
D. Prepare CE Document	\$4,000
SUBTOTAL TASK	\$11,000
SUBTOTAL COST OFF-SITE UTILITY DESIGN	\$70,775
TOTAL COST WA NO. 3 MODIFICATION NO. 1	\$104,155

EXHIBIT B
FINAL DESIGN AND PS&E
11/17/2014
IDC
WESTPARK P&R FINAL DESIGN
WA NO. 4 Mod(No. 1)

TASK DESCRIPTION	COST
IV. Signing and Striping	
A. Revise Siging and Striping Layout	\$1,020
B. Advanced Warning Signs Layout	\$0
C. Signing and Striping Details	\$0
SUBTOTAL TASK	\$1,020
VI. Parking Lot Illumination	
A.Revise Design for Area lighting	\$7,500
Subtotal	\$7,500
VII. Landscaping and Irrigation (Clark Condon)	
A. Preliminary Plans	\$0
B. Design Development	\$0
C. Revise Construction documents	\$5,500
D. Bidding	\$0
SUBTOTAL TASK	\$5,500
TOTAL COST WA NO. 4 MODIFICATION NO. 1	\$14,020

TOTAL COST WA No.3 & 4 MODIFICATON NO.1 \$118,175

WESTPARK P&R FACILITY

2015

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