

EXHIBIT "F"
Supplemental Agreement Form

CONTRACT NO. C-08-227-02-09
WORK AUTHORIZATION NO. 1
SUPPLEMENTAL AGREEMENT NO. 3

THIS **SUPPLEMENTAL AGREEMENT NO. 3** to **WORK AUTHORIZATION NO. 1** is made pursuant to the terms and conditions of Article 8 of the **Agreement** made by and between **HIDALGO COUNTY**, acting herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**", and **TEDSI INFRASTRUCTURE GROUP**, professional engineers of Mission, Texas, hereinafter called the "**Engineer**".

PART 1. Scope of Work. The purpose Supplemental Agreement to the Work Authorization is to provide services as indicated below:

The scope of services to be provided by the **Engineer** is identified in **ATTACHMENT "B" –Scope of Services to be Provided by the Engineer** attached hereto.

PART 2. Fee Proposal. The Lump Sum Fee Proposal cost for services under this Supplemental Agreement to the Work Authorization is **\$0.00**. This amount is based upon the costs outlined in the *Fee Proposal* attached hereto as **ATTACHMENT "D"**.

PART 3. Payment. Compensation and payment to the **Engineer** for the services established under this Supplemental Agreement to the Work Authorization shall be made in accordance with Articles 5, 6, and 7 of the **Agreement**.

PART 4. Funding. This Supplemental Agreement No. 3 to Work Authorization No. 1 shall be funded through funding source:

Account No. _____

Requisition No. _____

PART 5. Period of Service. This Supplemental Agreement No. 3 to the Work Authorization No. 1 shall become effective on the date of final acceptance of the parties hereto, and all work associated with this Supplemental Agreement. This Work Authorization will be affective until all scoped work has been completed.

PART 6. Responsibilities and Obligations. This Supplemental Agreement to the Work Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement**.

PART 7. Acknowledgement and Confirmation. Acknowledgement and confirmation by Hidalgo County Precinct No. 1, Commissioner A. C. Cuellar, as to the content and detail of this Supplemental Agreement No. 3 to the Work Authorization No. 1.

Hidalgo County Precinct No. 1

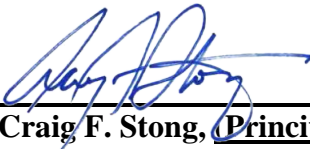
By: _____
A. C. Cuellar, Commissioner Precinct No. 1

PART 8 Acceptance and Approval. This Supplemental Agreement to the Work Authorization is hereby accepted, and approved by Hidalgo Commissioners' Court on _____ as indicated below and effective as of __ day of _____, 2015.

A purchase order will be issued by the Hidalgo County Purchasing Department after the execution of this document. Issuance of the purchase order will serve as the written Notice to Proceed on this Supplement Agreement No. 3 to Work Authorization No. 1.

THE ENGINEER:
TEDSI INFRASTRUCTURE GROUP

THE OWNER:
HIDALGO COUNTY

BY:  _____
Craig F. Stong, (Principal)

Ramon Garcia (County Judge)

ATTEST:

By: _____
Arturo Guajardo Jr., Hidaglo County Clerk

LIST OF ATTACHMENTS:
ATTACHMENT "B" - Services to be Provided by the Engineer
ATTACHMENT "D" – Fee Proposal

Approved As To Form:
Atlas & Hall, LLP

By: _____

WORK AUTHORIZATION NO. 1
SUPPLEMENTAL AGREEMENT NO. 3
MILE 6 WEST ROAD
SH-107 TO MILE 9 NORTH
ATTACHMENT "B"

Scope of Services to be Provided by the Engineer

THE FOLLOWING ITEMS OF WORK ARE DELETED FROM ATTACHMENT B OF WORK AUTHORIZATION NO. 1

PLAN, SPECIFICATIONS AND ESTIMATE SERVICES

- 1) The Engineer shall prepare and submit work under this task in accordance to the PS&E Preparation Manual. The location of project should depict the entire project with beginning and ending (Station Numbers/Reference Markers) for each noted CSJ. Mapping landmarks (side streets, creeks, etc.) along with North Arrow and a scale should be shown to help relate the physical location of the project.
- 2) The Engineer shall use the Design Speed, the Funding Category, Average Daily Traffic, ADT, Roadway Classification, Location Type, and the appropriate Design Criteria to develop the typical sections as set forth in the Roadway Design Manual, PS&E Preparation Manual and other deemed necessary State approved manuals to prepare and submit the work under this task. The existing typical section should be shown with current roadway (pavement, right of way, etc.) characteristics. The proposed typical sections should be shown below the existing typical section with all related pertinent (pavement, right of way, etc.) information for the proposed roadway construction.
- 3) For Roadway, Bridge and Traffic quantities, the Engineer shall prepare and submit work under this task in accordance to the PS&E Preparation Manual and other deemed necessary State approved manuals. All summaries shall be consolidated per CSJ, City or County participation, etc. Any quantities shown "For Contractor Information Only" should be shown as such.

TRAFFIC CONTROL PLANS (TCP)

- 1) The Engineer will develop a conceptual traffic control plan (TCP), roll plot, and narrative. These information will be submitted to the County and TxDOT for review. The Engineer shall make a presentation to the District Traffic Control Safety Review Committee to obtain approval of the TCP prior to development of plan sheets. Modifications requested by TxDOT or County after approval will be consider additional work and be added by supplemental agreement.
- 2) The Engineer shall notify the State if they plan on requesting a speed reduction at the work zones. The Engineer shall prepare the request form using the latest approved Strip Map within the project limits in conjunction with the Traffic Standards for this request. If the project limits is within the city limits, the request shall be coordinated with the State and the local municipality at the early design process.
- 3) The Engineer shall provide the State with a hardcopy and accompanying electronic file of a schedule and Critical Path Method for project duration for each phase of construction using SureTrack software
- 4) The Engineer shall describe the type of work to be performed for each phase of sequence of construction and any special instructions (ex: storm sewer, culverts, bridges, railing, illumination, signals, retaining walls, signing, paving surface sequencing or concrete placement, ROW restrictions, utilities, etc.) that the contractor should be made aware to include limits of construction, obliteration, and shifting or detouring of traffic prior to the proceeding phase.
- 5) The Engineer shall include the work limits, the location of channelizing devices, positive barrier, location & direction of traffic, work area, stations, pavement markings, and other information deemed necessary for each phase of sequence of construction.
- 6) If Engineer determines that a standard is not applicable to address the entire project, then the Engineer shall prepare layouts for each respective phase of sequence of construction to illustrate any necessary additional construction details not covered by the Standards to address work limits for each sequence in stations, channelizing devices, barricades, positive barrier, tapers, buffer zones, TCP signage, signs, work zone pavement markings, work area, location & direction of traffic, locations for pedestrian crossings, and other information deemed necessary for each phase of sequence of construction. The Engineer shall develop the layouts by referring to the TxDOT standards, latest version of the TxMUTCD for non-TCP signage that may be needed as part of the TCP signage for intersections. The layouts shall address construction of detours,

access to business, homes, side streets, and driveways, and reroute of traffic to other roads.

- 7) The Engineer will address drainage issues that are a result of changes in horizontal and vertical profiles by specifying the location and size of the temporary drainage structures.
- 8) The Engineer shall prepare the plan and profile sheets and cross sections for all detours.
- 9) The Engineer will develop TCP plans as double stacked, 1" = 100'. TCP plans will be developed for a two phase approach to traffic control.

ROADWAY DETAILS

- 1) The alignment sheet(s) include the following for complex projects and/or where it is not desirable to show the following information on the plan and profiles sheet(s): include the project limits for the entire project, label curve data bearings/coordinates for each alignment, computer generated data may be graphically place on the sheet(s) and if applicable the State Plane Coordinates System should be noted on this sheet(s).
- 2) The Benchmark Data sheet shall be developed in tabulated form and accompanied by surveyor's sketch showing the Station Number from respective alignment, Offset, and Elevation and Physical Description.
- 3) The Engineer shall design the plan (horizontal) and profile (vertical) including roadway transitions based on the controlling criteria previously defined and as set forth in the previously listed. The Engineer shall develop the alignment for the project in GEOPAK format. Plan and Profile sheets will be developed at 1" = 100'.
- 4) The Engineer shall identify and notify the State all locations not meeting the set criteria. In addition, the Engineer shall provide alternatives and a recommendation to address these design issues.
- 5) The Engineer shall develop and verify all cross sections in preparation of the proposed traffic control plan, drainage, utilities, right-of-way, and access onto adjacent properties. In addition, the cross sections shall be drained to maintain the natural watershed unless otherwise directed by the State.
- 6) The Engineer shall determine all cut and fill quantities.
- 7) The Engineer shall design all intersections to accommodate the design vehicles turning radius. The ADA-wheelchair ramps shall be designed in accordance to the TDLR compliance and the latest TxDOT's Pedestrian Ramp Standards in conjunction with the requirement of the latest version of the TxMUTCD as it relates location of the traffic signals pedestrian heads, signage, and pavement markings.
- 8) The Engineer shall design all longitudinal barriers (railing and guardrail), raised median, fencing, bus bays, parking areas, mailboxes, and shoulder texturing in accordance to the criteria set forth in the roadway design manual and standards. Miscellaneous Details Sheet(s) may be developed to illustrate any necessary additional construction details not covered by the Standards.

DRAINAGE DETAILS

- 1) The Engineer shall use the Roadway Design Manual, Hydraulic Manual, PS&E Preparation Manual, and other deemed necessary State approved manuals to prepare and submit the work under this section
- 2) The Engineer shall use the above-listed manuals to prepare and submit the work under this task. The hydraulic calculations shall have the following based on previously County approved drainage study:
 - a) Description-Material, Size, & Entrance (headwall)
 - b) Design discharges, Flow per barrel, barrel slope, and Manning n-value
 - c) Inlet flow line, allowable headwater, roadway (shoulder) elevation, calculated inlet headwater elevation
 - d) Outlet flow line, Tailwater for design frequency/frequencies, type of flow, critical depth, and calculated friction losses, calculated outlet water elevation
 - e) Controlling headwater elevation, outlet velocity, and recommended countermeasures to maintain an acceptable outlet velocity.
- 3) The Engineer shall show the location of culverts and ditches on the roadway plan view.
- 4) The Engineer shall use TxDOT standards preferably at all times. Modification to inlets, pipe connection, bedding details, and other elements pertaining to drainage details shall be included under this work task. The BCS sheet must be submitted for all box culverts within the project limits. This sheet must be signed and sealed by the Engineer.

TRAFFIC ITEMS

The Engineer shall inventory all signage through the project limits including those limits that are considered incidental to the project limits. All intersections and roadway signage shall be designed and spaced according to the requirements set forth in TxDOT's Sign Crew Field Book and standards for work under this task. Any signs no longer used by the State shall be taken out and replace by an accepted TxMUTCD signs. The Engineer shall design all signage according to the latest version of the

TxMUTCD, Supplemental to TxMUTCD, and TxDOT's Signs and Markings Manual. Design of flashing beacons or traffic signals not specifically indicated in Attachment D is not included. Additional locations will be added by supplemental agreement.

STORM WATER POLLUTION PREVENTION PLANS (SW3P)

The Engineer shall submit and prepare separate SW3P sheets when soil is to be disturbed as part of the erosion control measures during each phase of the sequence of construction. The general plan for the SW3P on this project is to enclose the area under construction including existing and proposed inlets with erosion control devices and provide a stabilized construction entrances at points where traffic will be entering or leaving the construction site. The Engineer shall also design structures or features to control erosion and suspended sediments for post-construction. A standardized General Note will serve as the SW3P where there is to be no soil disturbance (seal coats, overlays, etc.) in the project. The Engineer shall refer to the Hydraulic Design Manual, TxDOT standards, TxDOT Storm Water Management Guidelines, the Environmental Manual, and District Environmental Staff for guidance on work under this task. Erosion Control measures shall conform to one or more of the approved TxDOT / Texas Natural Resources Conservation Commission (TNRCC) / US Environmental Protection Agency (EPA) / US Army Corps of Engineers (USACE) Best Management Practices. The appropriate Best Management Practice(s) shall be listed on the Environmental Issues, Permits, and Commitments (EIPC) sheet to be included as a Plan Sheet and shall be followed by the Engineer and Contractor to completion. Plan sheets will be develop separate from TCP as 1"=100', double stacked.

CROSS SECTIONS

For the Final Submission, the Engineer shall furnish the final cross - section plots, on 36" wide x 120" long roll plots, showing both the original terrain and the design cross-sections, showing the roadway template, at a vertical scale of 1"=10' and a horizontal scale of 1"=10'. The design cross - sections shall indicate the slope rate on the side slopes. The Engineer shall use GeoPak software and provide the state with the applicable files. Cross sections are to show proposed pavement thickness, top of subgrade, finish grade of side bar ditches with slopes and location of right of way. Indicating other features within the cross sections is not part of the scope of work, ie. Underground utilities, storm sewer lines, top soil, etc.

DELIVERABLES

PS&E

The Engineer shall deliver to the County and TxDOT Project Manager one copies and one CD's containing PDF's of the plan sheets provided, respective of the 1st, 2nd, and 3rd submittal. For the final submittal, the Engineer shall submit one set in Mylar accompanied by a paper copy and two CD's containing PDF's of the final plans.

1st Submittal -

- 1) Design Summary Report
- 2) Title Sheet
- 3) Typical Sections (existing and proposed)
- 4) Traffic Control Plan
- 5) Utility Layout (conflicts identified)
- 6) Plan & Profile
 - a) Vertical Alignment (existing and proposed)
 - b) Horizontal Alignment (existing and proposed)
- 7) Miscellaneous Details
- 8) Corresponding Quantity Summary Sheets
- 9) Corresponding Standard Detail Sheets for all Items of Work in this submittal
- 10) Preliminary Estimate
- 11) Design Exceptions/Waivers required
- 12) Newly created Special Provisions/Specifications to be used (Form 1814)
- 13) R.O.W. (issues identified)
- 14) 2 Rolls of Cross Sections

2nd Submittal -

- 1) Index Sheet

- 2) Hydrologic Computation Sheets
- 3) Hydraulic Data Sheets
- 4) Drainage Area Maps
- 5) Drainage Plan & Profile
- 6) Drainage Structure Details
- 7) Storm Sewer Details
- 8) Storm Water Pollution Prevention Plan
- 9) Miscellaneous Details
- 10) Corresponding Quantity Summary Sheets
- 11) Corresponding Standard Detail Sheets for all Items of Work in this submittal
- 12) Updated Estimate
- 13) Utility Adjustment/Relocation Details
- 14) R.O.W. Acquisition Detail
- 15) 2 Rolls of Cross Sections

3rd Submittal -

- 1) Final Index of Sheets
- 2) Pavement Marking Layout/Details
- 3) Miscellaneous Details
- 4) Corresponding Quantity Summary Sheets
- 5) Corresponding Standard Detail Sheets for all Items of Work in this submittal
- 6) Final Estimate
- 7) General Notes
- 8) Certifications
- 9) Form 1002
- 10) Cross Sections

4th Submittal - PS&E Package 100% complete.

THE FOLLOWING ITEMS OF WORK HAVE BEEN INCREASED FROM 110 PARCELS TO 237 PARCELS

- 1) Right of Way Strip Map
 - a) Obtain title reports for parcel identified on the approved schematic.
 - b) Right of Way Map (NOT SEALED) Development – The Engineer will provide the Right of Way Maps in accordance with the TxDOT Checklist below:
 - i) General
 - (1) Graphics files will be in Microstation and Word software.
 - (2) Photos of proposed ROW staking included.
 - (3) Field notes and Parcel Plats are numbered continuous.
 - (4) Scale shall be 1"=50' for 34" x 22" plans and 1"=100" for 11" x 17" plans
 - ii) Title Sheet Requirements
 - (1) Title and description of project including county, limits, etc.
 - (2) Vicinity map with begin and end sta.
 - (3) Equations and Exceptions
 - (4) Index
 - (5) Legend
 - (6) Title block completely filled out with Construction and R.O.W. CSJs'
 - (7) List all Major Utilities from Station to Station
 - iii) Individual Map Sheet Requirements
 - (1) Sheet size 34" X 22"
 - (2) Text legible when reduced to half-scale.
 - (3) Title block completely filled out with R.O.W. CSJ
 - (4) Matchlines
 - (5) Project layout sheet
 - iv) Existing information:

- (1) R.O.W. lines
 - (2) Whole property or whole property inset
 - (3) Roadways
 - (4) Survey, county, and city limit lines shown and labeled
 - (5) Improvements shown and labeled (see below)
 - (6) Monumentation i.e. P.C., P.T., Break Points
 - (7) North arrow
 - (8) Scale
 - (9) Property lines
 - (10) Property descriptions i.e., lot, block, tract, subdivision, etc.
 - (11) Identify existing and proposed access denial locations (if applicable)
- v) Proposed information:
- (1) Type II Monumentation i.e. P.C., P.T., Break Points and 1500' intervals
 - (2) Survey and R.O.W. lines
 - (3) Basis of bearings
 - (4) Parcel bearings and distances correspond with traverse sheet
 - (5) Outside ties (P.O.C.) corresponds with field notes
 - (6) Point of beginning (P.O.B.) established on proposed R.O.W. line
 - (7) Parcel tied to baseline
 - (8) Baseline information shown i.e. Stationing, bearings, curve data, etc.
 - (9) Conveyance information shown in tables i.e. parcel number, grantors name, amount of take, remainder etc.
 - (10) Math checked on remainder
- vi) Improvements:
- vii) Improvements bisected or within 25' of proposed R.O.W. line are shown on map with stationing and distance from proposed R.O.W. line. Buildings are labeled and dimensioned.
- viii) Off-premise outdoor advertising signs within proposed R.O.W. are shown and labeled.
- ix) Utilities:
- (1) All utilities within or crossing existing and proposed right of way are shown and labeled as to size, easement or fee width, and recording data of instrument.
 - (2) Location of underground storage tanks and/or filler caps are shown and labeled
- 2) Parcel Plats/Metes and Bounds
- a) Heading
 - b) County
 - c) Highway
 - d) Parcel number
 - e) R.O.W. CSJ
 - f) Construction CSJ
 - g) General Description or "preamble"
 - h) Area of parcel to be acquired is shown in acreage (0.000) for rural land and/or square feet (to nearest whole sq. ft.) for urban land or smaller parcels
 - i) Parent tract data is shown:
 - i) Size of parent tract
 - ii) Survey data or lot, block, and subdivision
 - iii) Name of last recorded seller and buyer
 - iv) Date, volume and page or document number of last recorded conveyance
 - v) Records and county of last recorded conveyance
 - j) Beginning Description
 - i) Point of commencement is on outside tie and is described accurately by bearings and distances as it leads to the point of beginning.
 - ii) Point of beginning is on proposed R.O.W. line
 - k) Particular Description
 - i) Traverse calls are clockwise sequence
 - ii) Bearings and distances correspond exactly with map, parcel sketch, and traverse sheet

- iii) Bearings are to nearest whole second and distances are to the nearest one-hundredth of a foot
- iv) Calls are numbered
- v) Denial of access shall be described from beginning to end (if applicable)
- l) Closing Description
 - i) Last call leads back to P.O.B.
 - ii) Restates area of parcel
 - iii) Establishes taking in existing road R.O.W. if applicable
 - iv) Legal description is referenced to Plat
 - v) Sealed and signed
 - vi) Include an access clause whether access is permitted or denied (if applicable)
 - vii) Shows P.O.B. and P.O.C.
 - viii) All data corresponds exactly with Map and Field Notes
 - ix) Sheet size is no larger than 8 1/2" x 11"
 - x) Plat closely matches example provided
 - xi) Plat referenced to legal description
 - xii) Sealed and signed
 - xiii) Include an access clause whether access is permitted or denied (if applicable)
- m) Traverse Sheet
 - i) Computations show area to be acquired in sq. ft. or acres, whichever is applicable
 - ii) Computations show area that is existing road R.O.W. if applicable
 - iii) Traverse calls are in clockwise sequence
 - iv) Error of closure meets the following:
 - (1) Secondary rural .0003
 - (2) Primary rural - secondary urban .0002
 - (3) Urban or industrial .00013
- 3) Utility Coordination
 - a) The Engineer shall meet with Utility providers periodically to coordinate the work efforts and resolve any utility related problems. The Engineer shall prepare the minutes for these meetings and forwarded to the County. The Engineer shall address the following issues and any other items deemed necessary during the Utility Coordination meetings:
 - i) Activities completed since last meeting
 - ii) Problems encountered.
 - iii) Late activities.
 - iv) Activities required by the next progress meeting.
 - v) Solutions for unresolved and/or anticipated problems.
 - vi) Information or items required from other agencies/consultants.
 - b) If a reimbursable utility relocation exists, the Engineer shall request conveyance documents from the utility provider.
 - c) The Engineer shall notify the Utility companies in writing and request the following information in writing:
 - i) Project letting date and request they relocate prior to letting.
 - ii) Develop their relocation plan according to Utility Accommodation Policy Manual.
 - iii) Forward their relocation plan to the Engineer.
 - iv) Request in writing when relocation of utilities will be complete.
 - v) Upon immediate completion of relocation, request they forward as-built plans to the County.
 - d) The Engineer shall develop the typical sections, alignment, and preliminary cross sections addressing the utility location and shall forward these to the respective utility company.
 - e) The Engineer shall update all files and plans based on the utility company responses.
 - f) The Engineer shall identify all utility conflicts on the plans and prepare layouts and profiles of existing utility crossings showing conflicts of utilities with proposed improvements. The Engineer shall forward these layouts to the County and the utility companies. During design process, the Engineer shall field verify all visible utility conflicts.
 - g) The Engineer shall verify the proposed relocation plan submitted by the Utility companies to assure their design is according to Utility Accommodation Policy Manual. Upon the Engineer's review and concurrence with the proposed relocation plan, they shall forward their recommendation for approval to the State.

Zimbra

evangelina.garcia@co.hidalgo.tx.us

Agenda Item Request - Supplemental Agreement WA #1 Tedsy - Mile 6W

From : Katia Garcia <katia.garcia@co.hidalgo.tx.us>

Tue, Jun 09, 2015 03:02 PM

Subject : Agenda Item Request - Supplemental Agreement WA #1 Tedsy - Mile 6W 1 attachment**To** : Evangelina Garcia <evangelina.garcia@co.hidalgo.tx.us>**Cc** : Marcie Jackson <marcie.jackson@co.hidalgo.tx.us>

Good Afternoon Ms. Vangie,

Attached please find Supplemental Agreement No.3 for Mile 6 W. Road Project. We would like to request for it to be placed for Commissioner's Court approval on the next regularly scheduled meeting of 6/23/15.

Acct# 5-1315-431-00-121-039-0-721

*please note the lump sum fee proposal cost for services under this Supplemental Agreement is \$0.00 but I'm still providing the acct# in case we need to reference it. The only change is on the services provided by the engineer (adding/deleting).

Thank you in advance for your assistance in this matter,

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Katia Garcia
Executive Assistant1902 Joe Stephens Ave Ste. 101
Weslaco, Tx 78599
956-968-8733 ext. 1022
www.co.hidalgo.tx.us/pct1**Supplement Agreement No. 3 to Work Authorization No. 1-1.pdf**43 KB
