

November 10, 2023

Aaron Reed, Public Works Director
City of Dripping Springs
511 Mercer Street, PO Box 384
Dripping Springs, TX 78620

Re: Mercer Street Pedestrian Improvements

Dear Mr. Reed:

The purpose of this letter is to present the City with our scope and fee letter regarding the above-mentioned project. The project will construct accessible pedestrian facilities along Mercer St and US 290 starting at the intersection of Mercer St and RM 12 and ending at the intersection of Rob Shelton Blvd and US 290, for a total length of 1,500 feet.

We have identified the attached Scope of Services for route design and studies, environmental, project management, design and construction survey, roadway, drainage and signing and pavement markings design, miscellaneous roadway design, bid phase and construction phase services. Our total professional services fee is **\$170,406**. The following documents are attached in electronic format in support of a Request for Notice to Proceed with the project.

1. Exhibit A – Services to be provided by the City.
2. Exhibit B – Services to be provided by the Engineer. (This includes subconsultants.)
3. Exhibit C – Fee Spreadsheet.
4. Exhibit D – Schedule.

We appreciate the opportunity to submit this request for professional services in support of this project. If additional information or clarification is desired, please do not hesitate to contact us.

Very truly yours,



Andrea Bryant, P.E.
Project Manager
FREESE AND NICHOLS, INC.

EXHIBIT A

SERVICES TO BE PROVIDED BY THE CITY

The **CITY OF DRIPPING SPRINGS** (“CITY”) is proposing to construct accessible pedestrian facilities along Mercer St and US 290 starting at the intersection of Mercer St and RM 12 and ending at the intersection of Rob Shelton Blvd and US 290, for a total length of 1,500 feet. The work to be performed under this work authorization by **FRESE AND NICHOLS, INC.** (“ENGINEER”) will consist of the preparation of the Plans, Specifications, and Estimate (“PS&E”), coordination with the Texas Department of Transportation (“TxDOT”), environmental review, water quality permitting with Texas Commission of Environmental Quality (“TCEQ”) and bid and construction phase services.

The CITY will provide the following items/information for the ENGINEER under this agreement:

110 - ROUTE DESIGN AND STUDIES

1. The CITY will provide available as-built plans, adjacent project plans, right-of-way (ROW) maps, and existing easements for utilities and public facilities within and adjacent to the project limits.
2. The CITY will provide available data including GIS data and maps, as-built plans, and previous H&H models considered to be best available data.
3. The CITY will provide existing traffic data, if available.

120 - SOCIAL, ECONOMIC, AND ENVIRONMENTAL STUDIES – n/a

130 - ROW DATA – n/a

145 - PROJECT MANAGEMENT

1. The CITY will provide timely reviews and decisions to enable the ENGINEER to maintain the project schedule.
2. The CITY will meet with the ENGINEER on an as-needed basis.

150 - DESIGN AND CONSTRUCTION SURVEYS – n/a

160 – ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS DESIGN SERVICES

1. The CITY will meet with the ENGINEER following submittal of the preliminary sidewalk design presented in Google Earth KMZ format to discuss the sidewalk geometry and proposed alignment. The CITY will provide feedback and/or concurrence with the proposed sidewalk geometry and alignment prior to the ENGINEER advancing the PS&E of the final design.

163 – MISCELLANEOUS ROADWAY SERVICES – n/a

200 – BID PHASE SERVICES

Services to be Provided by CITY – Mercer Street Pedestrian Improvements

- The CITY will facilitate the Pre-Bid Meeting with the ENGINEER and prospective bidders.
- The CITY will advertise the contract documents using the CITY's advertisement system.
- The CITY will coordinate with the ENGINEER to answer any Contractor questions raised and develop revisions to the construction contract documents as required.
- The CITY will facilitate the formal bid opening and provide the ENGINEER with the bid documents to prepare the bid tabulations and Recommendation of Award.

300 – CONSTRUCTION PHASE SERVICES

- The CITY will facilitate the Pre-Construction meeting with the ENGINEER and the awarded Contractor.
- The CITY will attend bi-weekly status meetings using a virtual platform or at the project location in conjunction with site visits with the ENGINEER and the Contractor.
- The CITY will make continuous on-site inspections to check the quality and quantity of the work.
- The CITY will be available to attend site visits as need by the Contractor and the ENGINEER to address any issues identified on the project site.
- The CITY will require the Contractor to submit to the ENGINEER any necessary requests for additional information (RFI).
- The CITY will coordinate and facilitate any inspections and testing (to include Field Laboratory, Shop and Mill testing of materials) required by the specifications in the contract documents.
- The CITY will attend with the ENGINEER, RAS Specialists and Contractor a final inspection of the Project to observe any apparent defects in the completed construction regarding conformance with the design concept and intent of the specifications.

EXHIBIT B

SERVICES TO BE PROVIDED BY ENGINEER

The **CITY OF DRIPPING SPRINGS** (“CITY”) is proposing to construct accessible pedestrian facilities along Mercer St and US 290 starting at the intersection of Mercer St and RM 12 and ending at the intersection of Rob Shelton Blvd and US 290, for a total length of 1,500 feet. The work to be performed under this work authorization by **FREESE AND NICHOLS, INC.** (“ENGINEER”) will consist of the preparation of the Plans, Specifications, and Estimate (“PS&E”), coordination with the Texas Department of Transportation (“TxDOT”), environmental review, water quality permitting with Texas Commission of Environmental Quality (“TCEQ”) and bid and construction phase services.

The ENGINEER will provide the following items/information for the CITY under this agreement:

110 - ROUTE DESIGN AND STUDIES

110.1 ROADWAY DATA COLLECTION AND FIELD RECONNAISSANCE

- The ENGINEER shall collect, review and evaluate the data described below. The CITY will be notified in writing whenever the ENGINEER finds disagreement with the information or documents.
 - All data/findings will be compiled into a project notebook for recordkeeping during file setup.
 - Data from the CITY, including as-built plans, adjacent project plans, right-of-way (ROW) maps and existing easements.
 - The ENGINEER shall conduct one (1) field reconnaissance visit to assess roadway and drainage conditions.
 - The ENGINEER will prepare reconnaissance layout and notes for field visit.
 - The ENGINEER shall compile and review photographic records for field visit.

110.2 DOCUMENT DESIGN CRITERIA

- The ENGINEER shall develop roadway design criteria for speed table based on current City of Austin (CoA) design guidelines.
- The ENGINEER shall develop pedestrian criteria based on TxDOT and Public Right-of-Way Accessibility Guidelines (PROWAG).
- The ENGINEER shall summarize criteria on page 3 of the TxDOT 1002 Form, which will later be submitted to TxDOT with milestone deliverables.
- The ENGINEER shall coordinate with the CITY for design criteria concurrence before moving forward with the preliminary analysis.

DELIVERABLES

- Page 3 of TxDOT 1002 Form

120 – SOCIAL, ECONOMIC, AND ENVIRONMENTAL STUDIES

The ENGINEER will perform an environmental regulatory constraints analysis that identifies environmental requirements and considerations as the project progresses to eventual construction. This

scope is based on the understanding that TxDOT will partially fund the construction of this project with Transportation Alternative (TA) funding and therefore National Environmental Protection Agency (NEPA) compliance under TxDOT guidelines is included in this effort. To execute the constraints analysis, the ENGINEER will perform the following:

120.1 TxDOT ENVIRONMENTAL COORDINATION AND DOCUMENTATION

- The ENGINEER will prepare the technical documentation support for review by TxDOT, to be prepared in accordance with the most recent guidance. It is assumed that the proposed project will be NEPA cleared as a (d)(13) Categorical Exclusion.
- The ENGINEER will prepare for and conduct a site visit to document existing conditions and assess the project area for state and federally listed threatened species habitat.
- The ENGINEER will prepare and submit the Environmental Project Definition and Work Plan Development Form to TxDOT for review. The ENGINEER will address one (1) round of TxDOT comments on the Environmental Project Definition and Work Plan Development Form. The anticipated environmental technical reports are listed below:
 - Appendix 4 Minimal Potential to Affect Historic Properties Historical Project Coordination Request (PCR)
 - Surface Waters Analysis Form
 - Species Analysis Form
 - Species Analysis Spreadsheet
- The assumptions under this scope of work are shown below. If it is determined during the project development that any of these studies are required, an amendment would be required.
 - The project will not require the acquisition of new ROW, permanent easements, and temporary construction easements.
 - The project will not require excavation activities that exceed one foot in depth.
 - The project will be designed to meet the terms and conditions of Section 404 Nationwide permit 14, Linear Transportation Projects without requiring the preparation and submittal of a Pre-Construction Notification (PCN) to the USACE.
 - The project will not require a Waters of the U.S. Delineation Report.
 - The project will not require an Archeological Background Study or Archeological Survey and Report.
 - The project will not require a Historic Resources Survey and Report.
 - The project will not require Air Quality MSAT Report.
 - The project will not require a Traffic Noise Analysis and Model.
 - The project will not require a Community Impacts Assessment.
 - The project will not require a public meeting or public hearing.
 - The project will be a TxDOT CE level document and not require an EA or EIS.
 - The project will completely avoid the Veterans Memorial Park and not require section 4(f) or 6(f) analysis.

120.2 EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION

- The ENGINEER will perform tasks related to compliance with Edwards Aquifer Protection Program (“EAPP”), which is regulated by TCEQ and related to Section 401 Water Quality Certification. Compliance with the EAPP is required for projects occurring in the Edwards Aquifer Recharge, Contributing, or Transition Zone.
- Due to the negligible increase in impervious cover for the Mercer Street Pedestrian Improvement project, the ENGINEER will prepare and submit to TCEQ a Contributing Zone Plan (CZP) Exception Request, along with all supporting information, for any regulated activity proposed in the Edwards Aquifer Contributing Zones. This shall include, but is not limited to, the item listed below:
 - CZP Exception Request documenting the best management practices (BMPs) adopted to reduce potential pollutants entering the Edwards Aquifer.

DELIVERABLES

- Draft & Final Environmental Technical Reports, submitted with the 60% and 100% PS&E.
- CZP Exception Request

130 – ROW DATA – n/a

145 - PROJECT MANAGEMENT

145.1 PROJECT ADMINISTRATION SERVICES

- Each month, the ENGINEER will submit to the CITY its invoices for services completed and compensation due, arranged by task. For the purposes of scoping, sixteen (16) months of invoicing is assumed.
- Each month, and included with the submission of each invoice, the ENGINEER will submit a monthly report of the status of work performed through the end of the previous month. The ENGINEER will summarize decisions or agreements made and will outline unresolved or pending issues requiring the CITY’S involvement or decision. For the purposes of scoping, sixteen (16) months of progress reports is assumed.

145.2 PROJECT COORDINATION SERVICES

- The ENGINEER will meet with the CITY and TxDOT as needed. For the purpose of scoping, monthly one (1) hour virtual meetings, including agenda and meeting minute prep, are assumed for ten (10) months with two (2) attendees. The ENGINEER will prepare and distribute meeting agendas twenty-four (24) hours before the meeting. The ENGINEER will prepare and distribute meeting minutes within three (3) business days of each meeting.
- The ENGINEER will attend Comment Resolution Meetings after the 60%, 90% and 100% submittals to discuss review comments. For the purpose of scoping, a maximum of three (3) one (1) hour virtual meetings, including agenda and meeting minute prep, are assumed with two (2) attendees. The ENGINEER will respond in writing to reviewer comments for each submittal. Responses will include explanations for any items in disagreement. The ENGINEER will prepare and distribute meeting minutes within three (3) business days of each meeting.
- The project team will coordinate internally as needed.

145.3 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) SERVICES

Effort for this task includes QA services only. QC effort is included with individual tasks.

- The ENGINEER will perform QC measures at each milestone deliverable, including 60%, 90% and 100% submittals. The ENGINEER will provide QC markups with each milestone deliverable package.
- The ENGINEER will complete QA checks throughout the project life cycle. QA documentation will be made available to the CITY upon request.

DELIVERABLES

- Invoices and Progress Reports
- Meeting Agendas and Minutes
- QC markups with 60%, 90%, and 100%
- QA documentation upon request

150 - DESIGN AND CONSTRUCTION SURVEYS

150.1 DESIGN SURVEY

The ENGINEER will prepare a topographic and ROW survey as follows:

- The ENGINEER will establish horizontal and vertical control. The horizontal control will be based on the Texas State Plane Coordinate System, South Central Zone (4204), NAD 83 (2011), in US Survey Feet as established by GPS observations. The vertical control will be based on NAVD 88, GEOID 18 as established by GPS observations.
- The ENGINEER will research and prepare Base Map using Hays CAD and Hays County Clerk websites. The ENGINEER will gather ownership and parcel information to prepare a base map of the ROW and adjoining properties.
- The ENGINEER will locate sufficient ROW and/or adjoining property corners for resolving the existing ROW lines along the project limits.
- The ENGINEER will prepare the topographic survey as follows:
 - Submit an 811 ticket to have existing utilities marked in the field.
 - Cross sections will be taken at 50-foot stations and at all significant grade breaks in-between.
 - All valves will have measurements taken down to the operating nut.
 - All manholes will have measurements taken to pipe inverts and collect pipe material and size.
 - All visible utilities will be located along with any markings provided by 811 call out.
- The ENGINEER has made the following assumptions:
 - Right of entry (“ROE”) will not be required for survey field work specified in this scope.
 - The ENGINEER is not responsible for marking utilities in this project and will be marked either by 811 or a third party.
- The ENGINEER will review and incorporate the horizontal and vertical control sheet obtained from the topographic survey provider into the 60%, 90% and 100% plans.

DELIVERABLES

- 2D/3D DGN TOPO file in ORD format.

- 2D DGN LEGAL drawing file depicting resolved ROW lines and adjoining property information.
- 2D DGN UTILITY drawing file depicting all utility lines marked and located in the field and/or inserted by GIS or as-built drawings provided by the CITY
- Control Sheets certified by the Registered Professional Land Surveyor of record.

160 – ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS DESIGN SERVICES

160.1 PRELIMINARY SIDEWALK DESIGN KMZ

- The ENGINEER will develop a preliminary sidewalk design and alignment presented on a Google Earth KMZ. The KMZ shall include proposed horizontal improvements.
- The ENGINEER will submit the preliminary sidewalk design KMZ to the CITY and meet to review the alignment and geometry and obtain CITY buy-in. Meeting time is included with CITY coordination under different tasks.
- The ENGINEER will incorporate any input received from the CITY with the 60% PS&E submittal.

160.2 ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS DESIGN CONTROLS

- The ENGINEER will refine the proposed horizontal and vertical geometry presented in the preliminary sidewalk design KMZ.
- The ENGINEER will develop a proposed OpenRoads model to be used for determination of estimated earthwork quantities and preparing cross sections.
- The ENGINEER will prepare Roadway and Signing & Pavement Marking PS&E consisting of 60%, 90% and 100% milestone submittals to include:
 - Title Sheet – The ENGINEER will prepare a Title Sheet which will include pertinent project information and an Index of Sheets. (1 sheet)
 - Project Layout Sheet – The ENGINEER will prepare Project Layout Sheets that clearly indicate the limits of the entire project. The Project layout sheets will consist of layout sheets at 100-scale clearly identifying major geometry components of the location of the sidewalk and roadway speed table. (1 sheet)
 - Typical Section Sheets – The ENGINEER will prepare existing and proposed typical sections for roadways and structures. Typical sections must include width of travel lanes, direction of travel, shoulders, outer separations, border widths, curb and gutter, curb offsets, median islands, sidewalks, and other pertinent cross-sectional elements, as well as the ROW. The typical section must also depict sidewalk proposed grade line, baseline, pavement section material types and depths, sodding or seeding limits, traffic barriers, sidewalks, and station limits. (2 sheets)
 - General Notes (2 sheets)
 - Horizontal Alignment Data Sheets – The ENGINEER will prepare horizontal alignment data sheets that will include horizontal alignment data for sidewalk baselines. (1 sheets)
 - Roadway, Drainage and Signing & Pavement Markings Layout Sheets – The ENGINEER will prepare layout sheets at 40-scale for combined roadway (sidewalk and speed table), drainage and signing and pavement markings sheets.
 - These sheets will clearly identify detailed geometry components. The ENGINEER will attempt to design the sidewalks to match existing ground; however, if the topography

warrant proposed profiles, the consultant will design profile that meet PROWAG requirements and display the profiles on profile sheets. If matching existing ground is possible, the CONSULTANT will not prepare sidewalk profile sheets. (5 sheets)

- To accommodate the sidewalk along the south side of Mercer St, the cross culvert located approximately 200' east of RM 12 will be extended to the south. The ENGINEER will show the culvert extension limits and include necessary information for construction (flowline elevations, culvert slope, etc.) in plan view only. Since the size of the culvert will not be changed, no hydrologic or hydraulic analysis will be performed.
- The ENGINEER will prepare signing, pavement marking and delineation design in accordance with the latest version of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) or applicable TxDOT standards.
- Driveway Details – The ENGINEER will develop a driveway summary for driveways requiring reconstruction with dimensions and any other items required. (1 sheets)
- Miscellaneous Details – The ENGINEER will prepare Miscellaneous Details which will include all necessary details not included in standard TxDOT detail sheets necessary to fully construct all portions of the project. (1 sheet)
- Cross-sections at a scale of 1"=20' H and 1"=10' V at 50-foot intervals, which will include proposed roadway, roadside features, existing ground, proposed grading, existing ROW, proposed ROW and easements. The horizontal alignment, pavement cross-slope, existing ROW and proposed ROW will be labeled. (15 sheets)
- CITY and TxDOT Standards for Roadway, Drainage and Signing, Pavement Markings and Delineation (15 sheets)
- Quantity Summary Sheet (1 sheet)
- Small Sign Summary Sheet using TxDOT standard (1 sheet)

DELIVERABLES

- Preliminary Sidewalk Design (Google Earth KMZ)
- 60%, 90% and 100% Roadway Plan Sheets and Standards
- Final Electronic Models upon request

163 – MISCELLANEOUS ROADWAY SERVICES

163.1 - TRAFFIC CONTROL PLAN DESIGN SERVICES

- The ENGINEER will prepare a Traffic Control Plan (TCP). The TCP will be developed in accordance with the most recent version of the TMUTCD. The TCP will identify work areas, temporary paving, temporary shoring, signing, detour alignment, barricades, temporary drainage structures, temporary retaining walls and other TCP related items, as required.
- The ENGINEER will prepare TCP PS&E, including:
 - Sequence of Work and Narrative (1 sheet)
 - Advance Warning Sign Layouts (1 sheet)
 - TCP Typical Sections (2 phases) (1 sheet)

- Detour layouts, at 100-scale (1 sheet)
- TxDOT Standards (15 sheets)
- Quantity Summary Sheet (1 sheet)

163.2 - STORM WATER MANAGEMENT PLAN AND TREE PRESERVATION SERVICES

- The ENGINEER will develop a Storm Water Pollution Prevention Plan (SW3P) design based on TxDOT standards.
- The ENGINEER will prepare SW3P PS&E, including:
 - SW3P Summary Sheets using TxDOT Standards (2 sheet)
 - Environmental Permits, Issues, and Commitments (EPIC) sheet using TxDOT Standards (1 sheet)
 - SW3P device layout to be included in the Sidewalk Layout Sheets.
 - CITY and TxDOT Standards (3 sheets)
 - Quantity Summary Sheets (1 sheet)

163.3 - SUPPLEMENTAL PS&E DOCUMENTS

- The ENGINEER will prepare accompanying documents to supplement the PS&E, including:
 - OPCC
 - Request for design exceptions or waivers, if needed
 - Contract Time Determination (CTD) schedule utilizing the Critical path Method (CPM) in Microsoft Project or Excel.
 - Project Manual, including standard general provisions, instructions to bidders, bid forms, applicable prevailing wage rates, standard and special specifications, special provisions, general notes, and any other information required for complete construction of the Project.
 - Proof of project registration with the Texas Department of Licensing and Regulation (TDLR). The ENGINEER will engage a Registered Accessibility Specialist (RAS) to register the project with the TDLR and perform review with the 90% submittals to verify compliance with the Texas Accessibility Standards (TAS).

DELIVERABLES

- 90% and 100% TCP Sheets and Standards
- Final Electronic Models upon request
- OPCC
- Request for exceptions or waivers, if needed
- CTD
- Project Manual
- Proof of project registration with TDLR

SUBMITTAL REQUIREMENTS

The ENGINEER will provide the following final deliverables to the CITY. The submittals will include the following:

- Preliminary Sidewalk Design
 - Google Earth KMZ

- 60% PS&E Submittal:
 - Title Sheet
 - Index of Sheets
 - Project Layout Sheets
 - Existing & Proposed Typical Sections
 - General Notes
 - Quantity Summary Sheets
 - Small Sign Summary
 - Sequence of Work and Narrative
 - Advanced Warning Signs
 - TCP Typical Sections
 - Detour Layouts
 - TCP Standards
 - Survey Control
 - Horizontal Alignment Data Sheet
 - Roadway, Drainage and Signing & Pavement Markings Layout Sheets
 - Driveway Details
 - Miscellaneous Details
 - Roadway Standards
 - Drainage Standards
 - Signing, Pavement Marking & Delineation Standards
 - SW3P Summary Sheets
 - EPIC
 - SW3P Layouts
 - SW3P/Environmental Standards
 - Cross-Sections
 - OPCC
 - Request for exceptions or waivers, if needed
 - Preliminary CTD
 - List of Specifications
- 90% PS&E Submittal:
 - 60% Comment Matrix with responses
 - Update of 60% Items
 - Proof of TDLR Registration and Review
 - Draft Project Manual
- 100% Submittal:
 - 90% Comment Matrix with responses
 - Signed and sealed update of 90% Items
 - Final Project Manual

200 – BID PHASE SERVICES

Upon completion of the design phase services and approval of 100% PS&E by the CITY and TxDOT, the ENGINEER shall provide the following professional services:

- The ENGINEER will attend the Pre-Bid Meeting with the CITY and prospective bidders. The ENGINEER will prepare meeting minutes and submit them to the CITY within three (3) business days of the meeting.
- The ENGINEER will assist the CITY as needed in obtaining bids using the CITY's current advertisement system for the preparation of advertisement materials.
- The ENGINEER will respond to Contractor questions raised and develop revisions to the Construction Contract Documents as required.
- The ENGINEER will attend the formal bid opening.
- The ENGINEER will prepare bid tabulation, analyze Contractor bids, check references and provide a Recommendation of Award to the apparent lowest responsive bidder within (5) business days of receiving the bid documents from the City.
- The ENGINEER will furnish a set of Final Conformed Construction Contract Documents including plan sheets and Project Manual to the Contractor including all Addenda.

300 – CONSTRUCTION PHASE SERVICES

Upon completion of the bid phase services, the ENGINEER shall provide the following professional services:

- In performing these services, it is understood that ENGINEER does not guarantee the Contractor's performance, nor is the ENGINEER responsible for the supervision of the Contractor's operation and employees. The ENGINEER shall not be responsible for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor, or any safety precautions and programs relating in any way to the condition of the premises, the work of the Contractor or any Subcontractor. The ENGINEER shall not be responsible for the acts or omissions of any person (except its own employees or agents) at the project site or otherwise performing any of the work of the Project.
- The ENGINEER will attend the Pre-Construction Meeting with the CITY and the awarded Contractor. The ENGINEER will prepare meeting minutes and submit to the City within three (3) business days of the meeting.
- The ENGINEER will attend bi-weekly status meetings (up to eight (8) meetings) using a virtual platform or at the project location in conjunction with site visits with the CITY and the Contractor. The ENGINEER will prepare meeting minutes and submit to the City within three (3) business days of the meeting.
- The ENGINEER will make periodic visits (up to four (4)) to the site to observe as an experienced and qualified design professional the progress and quality of the executed work, and to determine in general if the work is proceeding in accordance with the plans and specifications and submit brief, monthly written reports relating to such visits. The ENGINEER will not be required to make continuous on-site inspections to check the quality or quantity of the work.

- The ENGINEER will make site visits (up to two (2)) with RAS Specialist and the Contractor as needed to adjust sidewalk and curb ramp locations based on site conditions to ensure compliance with TLDR.
- The ENGINEER will review the Contractor's submittals such as Shop Drawings, Product Data and samples and take appropriate action (approve, approve with modifications, reject, etc.), but only for conformance with the design concept of the project and compliance with the information given in the Contract Documents. Reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto.
- The CITY will require the Contractor to submit to the ENGINEER any necessary requests for additional information (RFI). The ENGINEER will review and deliver to the CITY its written recommendation regarding the RFI. It is anticipated that there will be two (2) RFI's per month during the Project. RFIs deemed to be due to inconsistencies in the Contract Documents will not be counted in the estimated number of RFI's in the contract.
- The ENGINEER will receive and review certificates of inspections, testing (to include Field, Laboratory, Shop and Mill testing of materials), and approvals required by laws, rules, regulations, ordinances, codes, orders, or the specifications to determine generally that the results certified do substantially comply with the specifications. The ENGINEER will also recommend to the CITY special inspection or testing when deemed necessary to ensure that materials, products, assemblages, and equipment conform to the design concept and the specifications.
- The ENGINEER will review monthly pay estimates and recommend approval or other appropriate action on such estimates.
- The ENGINEER will perform with CITY representative(s) and with RAS Specialists a final inspection of the Project to observe any apparent defects in the completed construction regarding conformance with the design concept and intent of the specifications, assist the CITY in consultation and discussions with the Contractor concerning such deficiencies, and make recommendations as to replacement or correction of the defective work.
- The ENGINEER will revise the construction drawings in accordance with the information furnished by construction Contractor(s) reflecting changes in the Project made during construction. Furnish CITY with one (1) electronic copy (.pdf format) of "Record Drawings."

400 – ADDITIONAL SERVICES

The ENGINEER shall render the following additional professional services in connection with the development of the Project with prior written approval from the CITY. Any work not specifically identified in Basic Services is an Additional Service.

400.1 EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION

- The ENGINEER will perform tasks related to compliance with Edwards Aquifer Protection Program ("EAPP"), which is regulated by TCEQ and related to Section 401 Water Quality Certification. Compliance with the EAPP is required for projects occurring in the Edwards Aquifer Recharge, Contributing, or Transition Zone. The ENGINEER will do the following:

Services to be Provided by ENGINEER – Mercer Street Pedestrian Improvements

- Contributing Zone Plan (CZP) Permit Application. Due to the increase in impervious cover for the Mercer Street pedestrian improvement project, the Professional shall prepare and submit to TCEQ a CZP permit application, along with all supporting information, for any regulated activity proposed in the Edwards Aquifer Contributing Zones. This shall include, but is not limited to, the item listed below.
 - CZP documenting the best management practices (BMPs) adopted to reduce potential pollutants entering the Edwards Aquifer.

400.2 EDWARDS AQUIFER PERMANENT BMP DESIGN SERVICES

- The ENGINEER will design and detail permanent BMPs in support of the CZP, anticipated to be non-structural (i.e., vegetative filter strip and/or grassy swales).
- The ENGINEER will present these features on the SW3P layouts and add one (1) permanent BMP detail sheet.

DELIVERABLES

- CZP documenting the best management practices (BMPs) adopted to reduce the potential pollutants entering the Edwards Aquifer.
- Permanent BMP detail sheet



November 6, 2023

Arturo Terrazas, P.E.
Transportation Design
Freese & Nichols, Inc.
10431 Morado Circle, Bldg. 5, Suite 300
Austin, Texas 78759

RE: City of Dripping Springs - Mercer Street Connectivity Project

Mr. Terrazas,

Maestas & Associates, LLC (Maestas) is pleased to provide Freese & Nichols, Inc. with this proposal for the topographic and Right-of-Way survey in support of design efforts. The scope for the survey is detailed as follows:

Scope of Work

1. Establish horizontal and vertical control:
 - a. Horizontal control will be based on the Texas State Plane Coordinate System, South Central Zone (4204), NAD 83 (2011), in US Survey Feet as established by GPS observations.
 - b. Vertical control will be based on NAVD 88, GEOID 18 as established by GPS observations.
2. Title Research for ## properties to identify all existing easements.
3. Research and Base Map preparation:
 - a. Using Hays CAD and Hays County Clerk websites, Maestas will gather ownership and parcel information to prepare a base map of the Right-of-Way and adjoining properties.
4. ROW Retracement Survey and Resolution:
 - a. Locate sufficient ROW and/or adjoining property corners for resolving the existing ROW lines along the project limits.
5. Topographic Survey:
 - a. Submit an 811 ticket to have existing utilities marked in the field.
 - b. Cross sections will be taken at 50-foot stations and at all significant grade breaks in-between.
 - c. All valves will have measurements taken down to the operating nut.
 - d. All manholes will have measurements taken to pipe inverts and collect pipe material and size.
 - e. All visible utilities will be located along with any markings provided by 811 call out.
6. Prepare Deliverables:
 - a. Prepare a 2D / 3D DGN TOPO file in ORD format.
 - i. 2D file will have linework and annotation of all improvements.
 - ii. 3D file will have break lines only.
 - b. Prepare a 2D DGN LEGAL drawing file depicting resolved ROW lines and adjoining property information.
 - c. Prepare a 2D DGN UTILITIY drawing file depicting all utility lines marked and located in the field and/or inserted by GIS or as-built drawings provided by the City.
 - d. Control Sheets certified by the Registered Professional Land Surveyor of record.

7. QA/QC

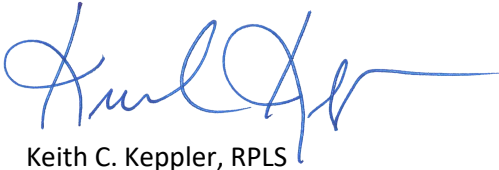
General Notes and Exclusions:

- Maestas shall perform only the tasks identified above.
- Right of entry (ROE) will not be required for survey field work specified in this proposal.
- Maestas is not responsible for marking utilities for this project and will be marked either by 811 or a 3rd party.

The estimated fee for performing the surveying services described above will be **\$25,675.00**.

We appreciate the opportunity to submit this proposal. If you have any questions or have need for additional information, please contact me at (210) 863-1260 or email at kkeppler@maesce.com.

Sincerely,



Keith C. Keppler, RPLS
Vice President / Survey Manager

Maestas & Associates, LLC

Fee/Price Proposal Breakdown for Professional Services

Project Name:	City of Dripping Springs - Mercer Street Connectivity Project
Name of Firm/Prime:	Freese & Nichols, Inc.
Date Proposal Submitted:	11/6/2023
Project Manager:	Arturo Terrazas, P.E.

Position/Personnel Title	RPLS	S.I.T.	Senior Survey Technician	Survey Technician	3 Man Survey Crew	2 Man Survey Crew	1 Man Survey Crew	Admin/Clerical	Total Hours	Fee per Task
Hourly Wage Rates	\$185.00	\$135.00	\$115.00	\$105.00	\$225.00	\$175.00	\$110.00	\$80.00		
Surveying Services	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours		
1. Establish horizontal and vertical control	1	1				8			10	\$ 1,720.00
2. Research and base map preparation	1	8	1	8					18	\$ 2,220.00
3. ROW Retracement Survey and Resolution	4	1				8			13	\$ 2,275.00
4. Topographic and Tree Survey	1	5				65			71	\$ 12,235.00
5. Prepare Deliverables										
a. Digital Survey 2D / 3D Drawing Files (Topo, Utility, and Legal)	1		15	25				1	42	\$ 4,615.00
b. Control Sheets	1		1	6					8	\$ 930.00
6. QA / QC	3	6		3					12	\$ 1,680.00
Total Hours:	12	21	17	42	0	81	0	1	174	
Total Fee Proposal:	\$ 2,220.00	\$ 2,835.00	\$ 1,955.00	\$ 4,410.00	\$ -	\$ 14,175.00	\$ -	\$ 80.00		\$ 25,675.00



Traffic Operations Support Group, LLC



526 Williamsburg Pl., San Antonio, Texas 78201
Mobil 210-872-5054, Fax 210-733-1748
Est. February, 2009
info@trafficosg.com

October 26, 2023

Mr. Arturo Terrazas, P.E.
Transportation Design
Freese and Nichols, Inc
9601 US 281, Suite 1008
San Antonio, Texas 78216

Ref: Dripping Springs – Mercer St/US 290 Sidewalk Project
City of Dripping Springs – From: RM 12 to: Rob Shelton Blvd

SCOPE OF SERVICES – Project Registration, Review and Inspection TDLR - TAS Compliance Services

SCOPE OF WORK

Perform QA/QC to ensure the project is meeting TDLR (Texas Department Licensing and Regulation) Administrative Rules and Texas Accessibility Standards at all preliminary submittals and at the final project review submittal and to perform interim and the final construction inspections.

With respect to ADA compliance, all or any portion of buildings, structures, site improvements, complexes, equipment, roads, walks, passageways, parking lots, or other real property that is proposed, modified or altered will be subject to review and construction inspection for compliance with the rules and standards set forth by TDLR.

Task Items:

- I. Project Registration
- II. Plan Review to meet TDLR TAS and ABA requirements for Public ROW Projects
- III. Interim and Final Inspections

Fee Schedule:

Mercer St / US 290 - Fee	
Project Registration	\$225.00
Plan Review	\$325.00
Inspection	\$650.00
Fee	\$1200.00
Per Interim Inspection	\$150.00

NOTE: FOR THESE SERVICES ALL RATES ARE L.S.

Mercer Street Pedestrian Improvements 11/10/2023 Detailed Cost Breakdown	Project Fee Summary	
	Basic Services	\$ 159,045
	Special Services	\$ 11,361
	Total Project	\$ 170,406

Tasks				Labor														Total Hours	Total Labor Effort	
Phase	Task	Activity	Basic or Special	Task Description	Bregger Garrison	Andrea Bryant	Arturo Terrazas	Christopher Dulac	Giancarlo Palino	Richard Aldredge	Tam Tran	Sara Catalyn Rogers	Heath Myers	Brian King	Avery Mottet	Marissa Mendoza	Carlene Gibson			Mike Ways
					QA/QC	Project Manager	Project Engineer	Project EIT	SA	Env Lead	Env Support	Env Support	Env Support	Env GIS	Env Support	Project Controller	Billr			QA
					\$258	\$220	\$168	\$127	\$222	\$209	\$127	\$102	\$144	\$192	\$97	\$167	\$114			\$362
01	300.1	PM / Production	Basic	MONTHLY PAY ESTIMATES (1 HOUR PER PAY APP)			4												4	\$ 729
01	300.1	PM / Production	Basic	FINAL WALKTHROUGH		3	3												6	\$ 1,259
01	300.1	PM / Production	Basic	RECORD DRAWINGS		1	1	4											6	\$ 968
				400 - ADDITIONAL SERVICES																\$ -
01	400.1	PM / Production	Special	EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION																\$ -
01	400.1	PM / Production	Special	CONTRIBUTING ZONE PLAN DEVELOPMENT							20				4				24	\$ 3,040
01	400.1	PM / Production	Special	TCEQ COORDINATION							8								8	\$ 1,054
01	400.2	PM / Production	Special	EDWARDS AQUIFER PERMANENT BMP DESIGN SERVICES																\$ -
01	400.2	PM / Production	Special	PERMANENT BMP DESIGN		1	2	8											11	\$ 1,633
01	400.2	PM / Production	Special	PERMANENT BMP DETAILS (1 SHEET)		1	2	8											11	\$ 1,633
Total Hours / Quantity					22	70	180	355	4	48	108	16	16	4	16	4	16	4	863	
Total Effort					\$ 5,893	\$ 16,063	\$ 31,798	\$ 47,001	\$ 923	\$ 10,408	\$ 14,230	\$ 1,689	\$ 2,390	\$ 800	\$ 1,620	\$ 695	\$ 1,895	\$ 1,504		\$ 136,910

Mercer Street Pedestrian Improvements 11/10/2023 Detailed Cost Breakdown	Project Fee Summary	
	Basic Services	\$ 159,045
	Special Services	\$ 11,361
	Total Project	\$ 170,406

Tasks				Expenses					
Phase	Task	Activity	Basic or Special	Task Description	Tech Charge	Miles	GPS	CZP FEE	Total Expense Effort
				110 - ROUTE DESIGN AND STUDIES					\$ -
01	110.1	PM / Production	Basic	ROADWAY DATA COLLECTION AND FIELD RECONNAISSANCE					\$ -
01	110.1	PM / Production	Basic	PROJECT NOTEBOOK AND FILE SET UP	4				\$ -
01	110.1	PM / Production	Basic	DATA COLLECTION AND REVIEW	6				\$ -
01	110.1	PM / Production	Basic	ROADWAY SITE VISITS AND FIELD RECONNAISSANCE	6	60			\$ 39
01	110.1	PM / Production	Basic	PREPARE RECONNAISSANCE LAYOUTS, NOTES AND PHOTOGRAPHIC RECORDS	3				\$ -
01	110.2	PM / Production	Basic	DEVELOP DESIGN CRITERIA					\$ -
01	110.2	PM / Production	Basic	REVIEW PROJECT AGAINST CITY OF AUSTIN, TXDOT & PROWAG CRITERIA	4				\$ -
01	110.2	PM / Production	Basic	PREPARE 1002 FORM PG 3	4				\$ -
01	110.2	PM / Production	Basic	COORDINATE WITH CITY FOR DESIGN CRITERIA CONCURRENCE	2				\$ -
				120 - SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES					\$ -
01	120.1	PM / Production	Basic	TXDOT ENVIRONMENTAL COORDINATION AND DOCUMENTATION					\$ -
01	120.1	PM / Production	Basic	WORK PLAN DEVELOPMENT SCOPING	16				\$ -
01	120.1	PM / Production	Basic	SITE VISIT	16	60	50		\$ 89
01	120.1	PM / Production	Basic	APPENDIX 4 HISTORIC PROJECT COORDINATION REQUEST (PCR)	24				\$ -
01	120.1	PM / Production	Basic	SPECIES ANALYSIS FORM	8				\$ -
01	120.1	PM / Production	Basic	SPECIES ANALYSIS SPREADSHEET	16				\$ -
01	120.1	PM / Production	Basic	SURFACE WATERS ANALYSIS	8				\$ -
01	120.1	PM / Production	Basic	TXDOT REVISION	20				\$ -
01	120.1	PM / Production	Basic	PROJECT TEAM COORDINATION	24				\$ -
01	120.1	Quality Control	Basic	QA/QC	16				\$ -
01	120.2	PM / Production	Basic	EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION					\$ -
01	120.2	PM / Production	Basic	CONTRIBUTING ZONE PLAN EXCEPTION REQUEST	24			500	\$ 500
01	120.2	PM / Production	Basic	TCEQ COORDINATION	4				\$ -
				145 - PROJECT MANAGEMENT					\$ -
01	145.1	PM / Production	Basic	PROJECT ADMINISTRATION SERVICES					\$ -
01	145.1	PM / Production	Basic	INVOICES AND MONTHLY PROGRESS REPORTS (18 MONTHS)	38				\$ -
01	145.2	PM / Production	Basic	PROJECT COORDINATION SERVICES					\$ -
01	145.2	PM / Production	Basic	CITY COORDINATION (DESIGN PHASE - 10 MONTHS)	20				\$ -
01	145.2	PM / Production	Basic	COMMENT RESOLUTION MEETINGS (60%, 90%, 100%) & COMMENT RESPONSE	6				\$ -
01	145.2	PM / Production	Basic	TEAM COORDINATION (DESIGN PHASE - 10 MONTHS)	24				\$ -
01	145.3	SA / QA	Basic	QA	12				\$ -
				150 - DESIGN AND CONSTRUCTION SURVEYS					\$ -
01	150.1	PM / Production	Basic	DESIGN SURVEY					\$ -
01	150.1	PM / Production	Basic	SURVEYOR COORDINATION	2				\$ -
				160 - ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS DESIGN SERVICES					\$ -
01	160.1	PM / Production	Basic	PRELIMINARY SIDEWALK DESIGN KMZ					\$ -
01	160.1	PM / Production	Basic	DEVELOP PRELIMINARY SIDEWALK DESIGN	38				\$ -
01	160.1	Quality Control	Basic	QC	1				\$ -
01	160.2	PM / Production	Basic	ROADWAY DESIGN CONTROLS					\$ -
01	160.2	PM / Production	Basic	DESIGN REFINEMENT	26				\$ -
01	160.2	PM / Production	Basic	DTM & EARTHWORK DEVELOPMENT	22				\$ -
01	160.2	PM / Production	Basic	TITLE SHEET (1 SHEET)	3				\$ -
01	160.2	PM / Production	Basic	PROJECT LAYOUT (1 SHEET)	6				\$ -
01	160.2	PM / Production	Basic	TYPICAL SECTIONS (2 SHEETS)	9				\$ -
01	160.2	PM / Production	Basic	GENERAL NOTES (2 SHEETS)	6				\$ -
01	160.2	PM / Production	Basic	HORIZONTAL ALIGNMENT DATA (1 SHEET)	3				\$ -
01	160.2	PM / Production	Basic	ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS LAYOUT SHEETS (5 SHEETS)	68				\$ -
01	160.2	PM / Production	Basic	DRIVEWAY DETAILS (1 SHEET)	20				\$ -
01	160.2	PM / Production	Basic	MISCELLANEOUS DETAILS (1 SHEET)	20				\$ -
01	160.2	PM / Production	Basic	CROSS SECTIONS (15 SHEETS)	18				\$ -
01	160.2	PM / Production	Basic	STANDARDS (15 SHEETS)	9				\$ -
01	160.2	PM / Production	Basic	QUANTITY SUMMARY SHEET (1 SHEET)	5				\$ -
01	160.2	PM / Production	Basic	SMALL SIGN SUMMARY SHEET (1 SHEET)	5				\$ -
01	160.2	Quality Control	Basic	QC	12				\$ -
				163 - MISCELLANEOUS ROADWAY SERVICES					\$ -
01	163.1	PM / Production	Basic	TRAFFIC CONTROL PLAN DESIGN SERVICES					\$ -
01	163.1	PM / Production	Basic	DESIGN	7				\$ -
01	163.1	PM / Production	Basic	SEQUENCE OF WORK AND NARRATIVE (1 SHEET)	7				\$ -
01	163.1	PM / Production	Basic	ADVANCE WARNING SIGN LAYOUTS (1 SHEET)	5				\$ -
01	163.1	PM / Production	Basic	TYPICAL SECTIONS (1 SHEET)	6				\$ -
01	163.1	PM / Production	Basic	DETOUR LAYOUT (1 SHEETS)	11				\$ -
01	163.1	PM / Production	Basic	STANDARDS (15 SHEETS)	2				\$ -
01	163.1	PM / Production	Basic	QUANTITY SUMMARY (1 SHEET)	2				\$ -
01	163.1	Quality Control	Basic	QC	3				\$ -
01	163.2	PM / Production	Basic	STORM WATER MANAGEMENT PLAN AND TREE PRESERVATION SERVICES					\$ -
01	163.2	PM / Production	Basic	SW3P DESIGN	4				\$ -
01	163.2	PM / Production	Basic	SW3P SUMMARY SHEET (2 SHEETS)	3				\$ -
01	163.2	PM / Production	Basic	EPIC SHEET (1 SHEET)	3				\$ -
01	163.2	PM / Production	Basic	STANDARDS (3 SHEETS)	2				\$ -
01	163.2	PM / Production	Basic	QUANTITY SUMMARY (1 SHEET)	2				\$ -
01	163.2	Quality Control	Basic	QC	3				\$ -
01	163.3	PM / Production	Basic	SUPPLEMENTAL PS&E DOCUMENTS					\$ -
01	163.3	PM / Production	Basic	OPCC	11				\$ -
01	163.3	PM / Production	Basic	DESIGN WAIVERS/EXCEPTIONS	9				\$ -
01	163.3	PM / Production	Basic	CTD	11				\$ -
01	163.3	PM / Production	Basic	PROJECT MANUAL	19				\$ -
01	163.3	PM / Production	Basic	TDLR COORDINATION	1				\$ -
01	163.3	PM / Production	Basic	QC	3				\$ -
				200 - BID PHASE SERVICES					\$ -
01	200.1	PM / Production	Basic	PRE-BID MEETING	6	60			\$ 39
01	200.1	PM / Production	Basic	PREPARE ADDENDA	9				\$ -
01	200.1	PM / Production	Basic	ATTEND BID OPENING	6	60			\$ 39
01	200.1	PM / Production	Basic	BID TABULATION, REC TO AWARD	6				\$ -
01	200.1	PM / Production	Basic	CONFORMED DOCUMENTS	6				\$ -
				300 - CONSTRUCTION PHASE SERVICES					\$ -
01	300.1	PM / Production	Basic	PRE-CON MEETING	6	60			\$ 39
01	300.1	PM / Production	Basic	BI-WEEKLY STATUS MEETINGS (8)	16	500			\$ 328
01	300.1	PM / Production	Basic	SITE VISITS (4)	16	250			\$ 164
01	300.1	PM / Production	Basic	SUBMITTALS REVIEW	13				\$ -
01	300.1	PM / Production	Basic	RFIS (2 PER MONTH)	13				\$ -
01	300.1	PM / Production	Basic	MATERIAL TESTING REPORTS	4				\$ -

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	Basic Services	\$ 159,045
	Special Services	\$ 11,361
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Tasks					Expenses				
Phase	Task	Activity	Basic or Special	Task Description	Tech Charge	Miles	GPS	CZP FEE	Total Expense Effort
01	300.1	PM / Production	Basic	MONTHLY PAY ESTIMATES (1 HOUR PER PAY APP)	4				\$ -
01	300.1	PM / Production	Basic	FINAL WALKTHROUGH	6	60			\$ 39
01	300.1	PM / Production	Basic	RECORD DRAWINGS	6				\$ -
				400 - ADDITIONAL SERVICES					\$ -
01	400.1	PM / Production	Special	EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION					\$ -
01	400.1	PM / Production	Special	CONTRIBUTING ZONE PLAN DEVELOPMENT	24			4,000	\$ 4,000
01	400.1	PM / Production	Special	TCEQ COORDINATION	8				\$ -
01	400.2	PM / Production	Special	EDWARDS AQUIFER PERMANENT BMP DESIGN SERVICES					\$ -
01	400.2	PM / Production	Special	PERMANENT BMP DESIGN	11				\$ -
01	400.2	PM / Production	Special	PERMANENT BMP DETAILS (1 SHEET)	11				\$ -
Total Hours / Quantity					863	1,110	50	4,500	
Total Effort					\$ -	\$ 727	\$ 50	\$ 4,500	\$ 5,277

Mercer Street Pedestrian Improvements 11/10/2023 Detailed Cost Breakdown	Project Fee Summary	
	Basic Services	\$ 159,045
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	Total Project	\$ 170,406

				Tasks	Subconsultants			Total
Phase	Task	Activity	Basic or Special	Task Description	MAESTAS	TOSG	Total Sub Effort	Total Effort
				110 - ROUTE DESIGN AND STUDIES			\$ -	\$ -
01	110.1	PM / Production	Basic	ROADWAY DATA COLLECTION AND FIELD RECONNAISSANCE			\$ -	\$ -
01	110.1	PM / Production	Basic	PROJECT NOTEBOOK AND FILE SET UP			\$ -	\$ 667
01	110.1	PM / Production	Basic	DATA COLLECTION AND REVIEW			\$ -	\$ 931
01	110.1	PM / Production	Basic	ROADWAY SITE VISITS AND FIELD RECONNAISSANCE			\$ -	\$ 960
01	110.1	PM / Production	Basic	PREPARE RECONNAISSANCE LAYOUTS, NOTES AND PHOTOGRAPHIC RECORDS			\$ -	\$ 439
01	110.2	PM / Production	Basic	DEVELOP DESIGN CRITERIA			\$ -	\$ -
01	110.2	PM / Production	Basic	REVIEW PROJECT AGAINST CITY OF AUSTIN, TXDOT & PROWAG CRITERIA			\$ -	\$ 667
01	110.2	PM / Production	Basic	PREPARE 1002 FORM PG 3			\$ -	\$ 667
01	110.2	PM / Production	Basic	COORDINATE WITH CITY FOR DESIGN CRITERIA CONCURRENCE			\$ -	\$ 403
				120 - SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES			\$ -	\$ -
01	120.1	PM / Production	Basic	TXDOT ENVIRONMENTAL COORDINATION AND DOCUMENTATION			\$ -	\$ -
01	120.1	PM / Production	Basic	WORK PLAN DEVELOPMENT SCOPING			\$ -	\$ 2,859
01	120.1	PM / Production	Basic	SITE VISIT			\$ -	\$ 1,953
01	120.1	PM / Production	Basic	APPENDIX 4 HISTORIC PROJECT COORDINATION REQUEST (PCR)			\$ -	\$ 3,087
01	120.1	PM / Production	Basic	SPECIES ANALYSIS FORM			\$ -	\$ 1,125
01	120.1	PM / Production	Basic	SPECIES ANALYSIS SPREADSHEET			\$ -	\$ 2,108
01	120.1	PM / Production	Basic	SURFACE WATERS ANALYSIS			\$ -	\$ 1,054
01	120.1	PM / Production	Basic	TXDOT REVISION			\$ -	\$ 3,386
01	120.1	PM / Production	Basic	PROJECT TEAM COORDINATION			\$ -	\$ 4,524
01	120.1	Quality Control	Basic	QA/QC			\$ -	\$ 3,469
01	120.2	PM / Production	Basic	EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION			\$ -	\$ -
01	120.2	PM / Production	Basic	CONTRIBUTING ZONE PLAN EXCEPTION REQUEST			\$ -	\$ 3,540
01	120.2	PM / Production	Basic	TCEQ COORDINATION			\$ -	\$ 527
				145 - PROJECT MANAGEMENT			\$ -	\$ -
01	145.1	PM / Production	Basic	PROJECT ADMINISTRATION SERVICES			\$ -	\$ -
01	145.1	PM / Production	Basic	INVOICES AND MONTHLY PROGRESS REPORTS (18 MONTHS)			\$ -	\$ 5,849
01	145.2	PM / Production	Basic	PROJECT COORDINATION SERVICES			\$ -	\$ -
01	145.2	PM / Production	Basic	CITY COORDINATION (DESIGN PHASE - 10 MONTHS)			\$ -	\$ 4,034
01	145.2	PM / Production	Basic	COMMENT RESOLUTION MEETINGS (60%, 90%, 100%) & COMMENT RESPONSE			\$ -	\$ 1,210
01	145.2	PM / Production	Basic	TEAM COORDINATION (DESIGN PHASE - 10 MONTHS)			\$ -	\$ 3,983
01	145.3	SA / QA	Basic	QA			\$ -	\$ 3,341
				150 - DESIGN AND CONSTRUCTION SURVEYS			\$ -	\$ -
01	150.1	PM / Production	Basic	DESIGN SURVEY	25,675		\$ 26,959	\$ 26,959
01	150.1	PM / Production	Basic	SURVEYOR COORDINATION			\$ -	\$ 350
				160 - ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS DESIGN SERVICES			\$ -	\$ -
01	160.1	PM / Production	Basic	PRELIMINARY SIDEWALK DESIGN KMZ			\$ -	\$ -
01	160.1	PM / Production	Basic	DEVELOP PRELIMINARY SIDEWALK DESIGN			\$ -	\$ 5,377
01	160.1	Quality Control	Basic	QC			\$ -	\$ 268
01	160.2	PM / Production	Basic	ROADWAY DESIGN CONTROLS			\$ -	\$ -
01	160.2	PM / Production	Basic	DESIGN REFINEMENT			\$ -	\$ 3,794
01	160.2	PM / Production	Basic	DTM & EARTHWORK DEVELOPMENT			\$ -	\$ 2,988
01	160.2	PM / Production	Basic	TITLE SHEET (1 SHEET)			\$ -	\$ 439
01	160.2	PM / Production	Basic	PROJECT LAYOUT (1 SHEET)			\$ -	\$ 878
01	160.2	PM / Production	Basic	TYPICAL SECTIONS (2 SHEETS)			\$ -	\$ 1,230
01	160.2	PM / Production	Basic	GENERAL NOTES (2 SHEETS)			\$ -	\$ 878
01	160.2	PM / Production	Basic	HORIZONTAL ALIGNMENT DATA (1 SHEET)			\$ -	\$ 439
01	160.2	PM / Production	Basic	ROADWAY, DRAINAGE AND SIGNING & PAVEMENT MARKINGS LAYOUT SHEETS (5 SHEETS)			\$ -	\$ 10,604
01	160.2	PM / Production	Basic	DRIVEWAY DETAILS (1 SHEET)			\$ -	\$ 2,810
01	160.2	PM / Production	Basic	MISCELLANEOUS DETAILS (1 SHEET)			\$ -	\$ 2,810
01	160.2	PM / Production	Basic	CROSS SECTIONS (15 SHEETS)			\$ -	\$ 2,460
01	160.2	PM / Production	Basic	STANDARDS (15 SHEETS)			\$ -	\$ 1,230
01	160.2	PM / Production	Basic	QUANTITY SUMMARY SHEET (1 SHEET)			\$ -	\$ 703
01	160.2	PM / Production	Basic	SMALL SIGN SUMMARY SHEET (1 SHEET)			\$ -	\$ 703
01	160.2	Quality Control	Basic	QC			\$ -	\$ 3,214
				163 - MISCELLANEOUS ROADWAY SERVICES			\$ -	\$ -
01	163.1	PM / Production	Basic	TRAFFIC CONTROL PLAN DESIGN SERVICES			\$ -	\$ -
01	163.1	PM / Production	Basic	DESIGN			\$ -	\$ 1,106
01	163.1	PM / Production	Basic	SEQUENCE OF WORK AND NARRATIVE (1 SHEET)			\$ -	\$ 1,106
01	163.1	PM / Production	Basic	ADVANCE WARNING SIGN LAYOUTS (1 SHEET)			\$ -	\$ 703
01	163.1	PM / Production	Basic	TYPICAL SECTIONS (1 SHEET)			\$ -	\$ 878
01	163.1	PM / Production	Basic	DETOUR LAYOUT (1 SHEETS)			\$ -	\$ 1,633
01	163.1	PM / Production	Basic	STANDARDS (15 SHEETS)			\$ -	\$ 307
01	163.1	PM / Production	Basic	QUANTITY SUMMARY (1 SHEET)			\$ -	\$ 307
01	163.1	Quality Control	Basic	QC			\$ -	\$ 804
01	163.2	PM / Production	Basic	STORM WATER MANAGEMENT PLAN AND TREE PRESERVATION SERVICES			\$ -	\$ -
01	163.2	PM / Production	Basic	SW3P DESIGN			\$ -	\$ 667
01	163.2	PM / Production	Basic	SW3P SUMMARY SHEET (2 SHEETS)			\$ -	\$ 535
01	163.2	PM / Production	Basic	EPIC SHEET (1 SHEET)			\$ -	\$ 535
01	163.2	PM / Production	Basic	STANDARDS (3 SHEETS)			\$ -	\$ 307
01	163.2	PM / Production	Basic	QUANTITY SUMMARY (1 SHEET)			\$ -	\$ 307
01	163.2	Quality Control	Basic	QC			\$ -	\$ 804
01	163.3	PM / Production	Basic	SUPPLEMENTAL PS&E DOCUMENTS			\$ -	\$ -
01	163.3	PM / Production	Basic	OPCC			\$ -	\$ 1,633
01	163.3	PM / Production	Basic	DESIGN WAIVERS/EXCEPTIONS			\$ -	\$ 1,370
01	163.3	PM / Production	Basic	CTD			\$ -	\$ 1,633
01	163.3	PM / Production	Basic	PROJECT MANUAL			\$ -	\$ 2,688
01	163.3	PM / Production	Basic	TDLR COORDINATION		1,200	\$ 1,260	\$ 1,435
01	163.3	PM / Production	Basic	QC			\$ -	\$ 804
				200 - BID PHASE SERVICES			\$ -	\$ -
01	200.1	PM / Production	Basic	PRE-BID MEETING			\$ -	\$ 1,250
01	200.1	PM / Production	Basic	PREPARE ADDENDA			\$ -	\$ 1,456
01	200.1	PM / Production	Basic	ATTEND BID OPENING			\$ -	\$ 1,250
01	200.1	PM / Production	Basic	BID TABULATION, REC TO AWARD			\$ -	\$ 931
01	200.1	PM / Production	Basic	CONFORMED DOCUMENTS			\$ -	\$ 931
				300 - CONSTRUCTION PHASE SERVICES			\$ -	\$ -
01	300.1	PM / Production	Basic	PRE-CON MEETING			\$ -	\$ 1,298
01	300.1	PM / Production	Basic	BI-WEEKLY STATUS MEETINGS (8)			\$ -	\$ 2,882
01	300.1	PM / Production	Basic	SITE VISITS (4)			\$ -	\$ 2,718
01	300.1	PM / Production	Basic	SUBMITTALS REVIEW			\$ -	\$ 2,063
01	300.1	PM / Production	Basic	RFIS (2 PER MONTH)			\$ -	\$ 2,063
01	300.1	PM / Production	Basic	MATERIAL TESTING REPORTS			\$ -	\$ 729

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	Basic Services	\$ 159,045
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Tasks					Subconsultants			Total
Phase	Task	Activity	Basic or Special	Task Description	MAESTAS	TOSG	Total Sub Effort	Total Effort
01	300.1	PM / Production	Basic	MONTHLY PAY ESTIMATES (1 HOUR PER PAY APP)			\$ -	\$ 729
01	300.1	PM / Production	Basic	FINAL WALKTHROUGH			\$ -	\$ 1,298
01	300.1	PM / Production	Basic	RECORD DRAWINGS			\$ -	\$ 968
				400 - ADDITIONAL SERVICES			\$ -	\$ -
01	400.1	PM / Production	Special	EDWARDS AQUIFER PROTECTION PROGRAM COORDINATION AND DOCUMENTATION			\$ -	\$ -
01	400.1	PM / Production	Special	CONTRIBUTING ZONE PLAN DEVELOPMENT			\$ -	\$ 7,040
01	400.1	PM / Production	Special	TCEQ COORDINATION			\$ -	\$ 1,054
01	400.2	PM / Production	Special	EDWARDS AQUIFER PERMANENT BMP DESIGN SERVICES			\$ -	\$ -
01	400.2	PM / Production	Special	PERMANENT BMP DESIGN			\$ -	\$ 1,633
01	400.2	PM / Production	Special	PERMANENT BMP DETAILS (1 SHEET)			\$ -	\$ 1,633
Total Hours / Quantity					\$ 25,675	\$ 1,200		
Total Effort					\$ 26,959	\$ 1,260	\$ 28,219	\$ 170,406

