

**AMENDMENT
TO
CIVIL ENGINEERING DESIGN SERVICES
FOR THE
DOWNTOWN STREETS – COMMERCE STREET PROJECT
PROJECT NUMBER: 40-00300**

This amendment to the Civil Engineering Design Services Agreement for the Downtown Streets - Commerce Street Project authorized by Ordinance No. 2012-10-11-0794, is entered into by and between the City of San Antonio ("City"), a home rule municipal corporation, and Chiang Patel & Yerby, Inc. dba CP & Y, Inc. ("Consultant"), referred to collectively herein as the "Parties".

WHEREAS, in October 2012 through Ordinance No. 2012-10-11-0794, the City authorized the negotiation and execution of 48 professional services contracts for civil engineering services; and

WHEREAS, pursuant to the aforementioned ordinance City and Consultant entered into the Civil Engineering Design Services Agreement for the Downtown Streets - Commerce Street Project in 2013 in an amount not to exceed \$812,845.07 ("Original Agreement"), which amount has been increased to \$1,547,970.34 through subsequent amendments; and

WHEREAS, it is necessary to amend the Original Agreement to add additional design, engineering and construction phase services to complete the Downtown Streets – Commerce Street Project; and

WHEREAS, this amendment increases the total contract capacity by \$209,554.50 to provide for the cost of the additional services;

NOW THEREFORE, in consideration of the terms, covenants, agreements and demises herein contained each to the other given, the sufficiency and receipt of which are hereby acknowledged, the Original Agreement, as previously amended, is amended as follows:

1. **Exhibit 1 - Fee Summary.** The not-to-exceed contract amount set out in Exhibit 1 – Fee Summary of the Original Agreement is hereby increased by TWO HUNDRED NINE THOUSAND FIVE HUNDRED FIFTY-FOUR AND 50/100 DOLLARS (\$209,554.50) for a total not-to-exceed contract amount of ONE MILLION SEVEN HUNDRED FORTY-SEVEN THOUSAND FIVE HUNDRED TWENTY-FOUR AND 84/100 DOLLARS (\$1,747,524.84).
2. **Exhibit 1 - Fee Summary.** The Fee Summary attached hereto as Attachment A is hereby incorporated into and made a part of Exhibit 1 of the Original Agreement.

Except as amended hereby, all other provisions of the Agreement are hereby retained in their entirety and remain unchanged.

EXECUTED and **AGREED** to as of the dates indicated below.

City of San Antonio

**CHIANG PATEL & YERBY, INC.
DBA CP & Y, INC.**

(Signature)
Razi Hosseini
Director
Public Works Department
Date:

DocuSigned by:
Marisa Vergara, P.E.
5A629CF3D1C240D...

(Signature)
Printed Name: Marisa Vergara, P.E.
Title: Senior Vice President
Date: 4/17/2020

Approved as to Form:

Assistant City Attorney

**ATTACHMENT A
FEE SUMMARY**



Partners for a Better Quality of Life

March 17, 2020

Sean Reich, P.E., PMP
 Project Manager
 City of San Antonio
 Transportation & Capital Improvements
 114 W. Commerce Street, 5th Floor
 San Antonio, Texas 78283

Re: Proposal for Engineering Services VIA EMAIL ONLY
 Downtown Streets-Commerce Street (Plans & Specs_Concept) Revision

Dear Mr. Reich:

CP&Y, Inc in association with our Team is pleased to submit this revised lump sum proposal for additional design/engineering services to the City of San Antonio TCI Department for the above referenced project. The Service Fee of \$295,664.83 is summarized below. This Proposal will include the 95% Plan development, Bid Phase, and Construction Phase Services. We propose a not to exceed fee to be paid as shown in the table below. Payment will be made as work is completed and approved.

| Scope | Provider | Description | Unit Cost | Fee |
|--|----------|---|-----------|--------------|
| Project Management/Roadway/TCP/Drainage | CP&Y | Revision of plans for updated streetscape/landscape concept | | \$106,428.00 |
| Streetscape/Landscape/Stakeholder Coord. | MIG | Revision of plans for updated streetscape/landscape concept | | \$97,275.00 |
| Traffic Signals/ITS Layouts/Signing/Striping | GDA | Revision of plans for updated streetscape/landscape concept | | \$34,061.83 |
| Lighting | HM3 | Revision of plans for updated streetscape/landscape concept | | \$54,800.00 |
| Irrigation | Garza | Revision of plans for updated streetscape/landscape concept | | \$3,100.00 |
| | | | TOTAL | \$295,664.83 |

Attached, please find a copy of the detailed proposal for the work from CP&Y and our Team for your review.

12500 San Pedro Avenue, Suite 450
 San Antonio, Texas 78216
 (p) 210.494.8004 · (f) 210.494.8286
 www.cpyi.com

Please let me know as soon as you are available to review these documents. I look forward to hearing from you soon and the start of the development of the plans for this project. If you have any questions or concerns, please do not hesitate to contact me at 210.494.8004 or jaguilar@cpyi.com.

Respectfully,
CP&Y, Inc.



Jaime Aguilar, PE
Project Manager/Associate Vice President

**City of San Antonio – Transportation & Capital Improvements
Commerce Street Downtown - Design Phase Scope of Services**

The Downtown Streets - Commerce project proposes to completely reconstruct Commerce Street to include wider sidewalks and 3 travel lanes (13' lane, 10' lane, and 11' lanes) from St. Mary's Street to Santa Rosa Avenue, to include lighting, street furnishings, landscaping, and potentially parking spots. This project is within the City limits of San Antonio.

A Preliminary Engineering Report will not be included as part of this project scope, but preliminary typical sections will be provided to determine the width of the sidewalks.

The scope proposed below will be utilized to supplement the revised Design Scope approved on July 2017. Updates since original project scope:

- Original Design – August 2013
- Supplemental to increase scope to complete reconstruction versus only north side – January 2015
- Supplemental to revise typical section west of Camaron to Santa Rosa from 13' lane – 10' lane – 11' lane to 12' lane – 10' lane – 10' lane, restart project after a 2 year hold, and update for Structural design – July 2017

Comments/direction were provided at a meeting with the CoSA & Centro SA on Tuesday March 3, 2020 to move forward with the updated streetscape/landscape concept. This new concept will require some realignment and update of all lighting and irrigation. Supplemental will include a resubmittal of the 95% plan set, Bid Phase, and Construction Phase Services.

1. Project Management and General Items/Miscellaneous

1.3 General Sheets

- 1.3.1 Update Title Sheet
- 1.3.2 Update Index of Sheets
- 1.3.3 Update Project Layouts

1.4 Design Meetings

1.5 Prepare Meeting Minutes

2. Right of Way Surveying/Topographic Survey/Base Mapping (CDS Muery)

No additional work anticipated.

3. Base Mapping (CDS Muery, unless otherwise noted.)

No additional work anticipated.

**City of San Antonio – Transportation & Capital Improvements
Commerce Street Downtown - Design Phase Scope of Services**

4. Roadway and Drainage Design

Updates to Typical Sections, Horizontal Alignments, Roadway Profile, Street Cross Sections, and Plan Profile Sheets to match new typical section.

5. Drainage Design

Updates to drainage design to match new typical section.

6. Pavement Design (Arias & Associates)

No additional work anticipated.

7. Utility Coordination/Management

Evaluate utility conflicts to match new typical section.

8. Traffic Control Plan

Update TCP Typicals, Construction Phasing, and TCP Layouts to match new typical section.

9. Other Plans

Traffic Signal Plans (GDA Associates, LLC)

9.1. Update Traffic Signal plans and details to match new typical section.

Pavement Marking and Signing Plans (GDA Associates, LLC)

9.2. Update Pavement Marking and Signing Layouts to match new typical section.

SW3P Plans

No additional work anticipated.

Landscape and Illumination Plans (MIG/HM3/Garza Consulting)

9.3. Update Illumination/Tree Plans/Streetscape/Landscape/Irrigation plans to match new typical section and project limits.

Structural Design/Analysis/Plans

Update structural details for VIA bus stop on San Antonio River bridge

9. Engineer's Opinion of Probable Cost

**City of San Antonio – Transportation & Capital Improvements
Commerce Street Downtown - Design Phase Scope of Services**

Update OPC to match new typical section and project limits.

10. Meetings and Coordination

Additional meetings and coordination.

11. Bid Phase

Update Final Plan submittal to match new typical section and project limits.

12. Construction Phase

Construction Phase Services for CP&Y, MIG, and HM3.

13. Project Closeout

See MIG Scope/Fee

City of San Antonio - Transportation & Capital Improvements

Design Guidance Manual
FEE SUMMARY AND TIMELINE FOR PROFESSIONAL SERVICES

Project: **Downtown Streets -Commerce Street**
 Prime Consultant: **CP&Y, Inc.**
 Subconsultant: **MIG, GDA, HMG, Garza Irrigation**
 Proposal Date: **3/17/2020**
 Prepared By: **Jaime Aguilar**

Scope of Work:
 The Downtown Streets - Commerce project proposes to completely reconstruct Commerce Street to include wider sidewalks and 3 travel lanes from St. Mary's Street to Laredo Street, to include lighting, street furnishings, landscape, and potentially parking spots.

| ACTIVITY | TIMELINE (CALENDAR DAYS) | AMENDMENT #16 CONCEPT CHANGE FEE |
|--|--------------------------------|-------------------------------------|
| 40% Design Phase | 75 | \$0.00 |
| 1. CP&Y | | \$0.00 |
| 2. Altura Solutions, LLC | | \$0.00 |
| 3. Arias & Associates | | \$0.00 |
| 4. CDS Muery | | \$0.00 |
| 5. Cobb Fendley | | \$0.00 |
| 6. Gonzalez-De La Garza | | \$0.00 |
| 7. Terra Design Group | | \$0.00 |
| 8. WRZG Architects | | \$0.00 |
| 70% Design Phase | 65 | \$0.00 |
| 1. CP&Y | | \$0.00 |
| 2. Altura Solutions, LLC | | \$0.00 |
| 3. Arias & Associates | | \$0.00 |
| 4. CDS Muery | | \$0.00 |
| 5. Cobb Fendley | | \$0.00 |
| 6. Gonzalez-De La Garza | | \$0.00 |
| 7. Terra Design Group | | \$0.00 |
| 8. WRZG Architects | | \$0.00 |
| 95% Design Phase | 42 | \$180,494.83 |
| 1. CP&Y | | \$53,608.00 |
| 2. Altura Solutions, LLC | | \$0.00 |
| 3. Arias & Associates | | \$0.00 |
| 4. CDS Muery | | \$0.00 |
| 5. Cobb Fendley | | \$0.00 |
| 6. Gonzalez-De La Garza | | \$34,061.83 |
| 7. MIG | | \$50,525.00 |
| 8. HMG | | \$39,800.00 |
| 9. Garza Consulting | | \$2,600.00 |
| Bid Phase | 19 | \$36,473.00 |
| 1. CP&Y | | \$12,228.00 |
| 2. Altura Solutions, LLC | | \$0.00 |
| 3. Arias & Associates | | \$0.00 |
| 4. CDS Muery | | \$0.00 |
| 5. Cobb Fendley | | \$0.00 |
| 6. Gonzalez-De La Garza | | \$0.00 |
| 7. MIG | | \$24,245.00 |
| 8. HMG | | \$0.00 |
| 9. Garza Consulting | | \$0.00 |
| Construction Phase | | \$78,697.00 |
| 1. CP&Y | | \$40,892.00 |
| 2. Altura Solutions, LLC | | \$0.00 |
| 3. Arias & Associates | | \$0.00 |
| 4. CDS Muery | | \$0.00 |
| 5. Cobb Fendley | | \$0.00 |
| 6. Gonzalez-De La Garza | | \$0.00 |
| 7. MIG | | \$22,505.00 |
| 8. HMG | | \$15,000.00 |
| 9. Garza Consulting | | \$600.00 |
| BASE FEE TOTAL | 201 | \$295,664.83 |
| Additional Services and Allowances | | |
| 1. Optional Service 1 (SUE Level B) (Cobb Fendley/CPY) | | |
| 2. Optional Service 2 (SUE Level A) (Cobb Fendley/CPY) | | |
| 3. LID Design (Terra Design/CPY) | | \$0.00 |
| 4. Project Advisor (WRZG) | | |
| 5. SAWS Utility Services (CAS/CPY) (NO COSA FEE) | | |
| 6. Design Workshop (CPY/Terra Design Group) | | \$0.00 |
| 7. Animated Project Fly Through (CPY/Terra Design Group) | | \$0.00 |
| ADDITIONAL SERVICES TOTAL | | \$0.00 |
| GRAND TOTAL | | \$295,664.83 |

City of San Antonio - Transportation & Capital Improvements

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Downtown Streets -Commerce Street**
 Prime Consultant: **CP&Y, Inc.**
 Subconsultant: **H&G, GDA, HMG, Garza Irrigation**
 Proposal Date: **3/17/2020**
 Prepared By: **Jaime Aguilar**

| TASK CODE AND DESCRIPTION | Consultant Provider | Insert Positions As Required -----> Insert Approved Hourly Rate for Each Position -----> | | | | | | | | | | TASK HOURS | TASK / PHASE FEE |
|---|---------------------|---|--------------------------|--------------------------|-------------------------------------|------------------------------|---------------------------|-----------------|----------------------|------------------------|------|-------------|------------------|
| | | Principal \$200.00 | Project Manager \$165.00 | Senior Engineer \$160.00 | Senior Structural Engineer \$165.00 | Structural Engineer \$140.00 | Project Engineer \$125.00 | EIT II \$100.00 | Eng Tech III \$93.00 | Admin/Clerical \$66.00 | | | |
| 05.100.040 Screen Walls, Type A/B/C/D/E Analysis/Design | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 05.100.050 Information Risk Analysis/Design | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 05.100.060 Bus Stop Analysis/Design | CPSY | | | | 4 | 12 | | | | | | 16 | \$2,340.00 |
| 05.100.070 Light Tower (Garza/Commer) Analysis/Design | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 05.100.080 Special Specifications | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 10. Engineers Opinion of Probable Cost | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 10.010 Prepare Engineer's Opinion of Probable Cost | CPSY | | | | | | | 4 | | 0 | | 12 | \$1,144.00 |
| 11. Communications | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 11.020 Public Meeting and Exhibits | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 11.050 Stakeholder Meetings | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 14. Environmental and Regulatory Coordination | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 14.010 General Environmental Coordination | CPSY | | | | | | | | | | | 0 | \$0.00 |
| 14.050 DLR Design Approval | CPSY | | | | | | | | | | | 0 | \$0.00 |
| Bid Phase | | | | | | | | | | | | 104 | \$36,473.00 |
| 12. Bid Phase | | | 32 | 0 | 0 | 0 | 0 | 0 | 36 | 36 | 0 | 104 | \$36,473.00 |
| 12.010 Submit 100% Plans With All Joint Bid Utilities | | | 24 | | | | | | 24 | 24 | | 72 | \$6,592.00 |
| 12.020 Final Project Specifications Book | | | | | | | | | | | | 0 | \$0.00 |
| 12.030 Analyze Construction Issues | | | | | | | | | | | | 0 | \$0.00 |
| 12.040 Review Utility Conflict Report and Address Pending Items | | | | | | | | | | | | 0 | \$0.00 |
| 12.050 Attend 100% Review Meeting | | | | | | | | | | | | 0 | \$0.00 |
| 12.060 Assist the City in Preparing Advertising Documents | | | | | | | | | | | | 0 | \$0.00 |
| 12.070 Distribute Plans and Specifications to Contractors and Plan Rooms | | | | | | | | | | | | 0 | \$0.00 |
| 12.080 Attend Pre-Bid Meeting | | | | | | | | | | | | 0 | \$0.00 |
| 12.090 Respond to Contractor Questions | | | | | | | | | 12 | 12 | | 24 | \$3,636.00 |
| 12.100 Prepare and Distribute Necessary Addenda | | | | | | | | | | | | 0 | \$0.00 |
| 12.110 Prepare Bid Regulation and Letter of Recommendation | | | | | | | | | | | | 0 | \$0.00 |
| 12.120 Bid Phase/Construction Docs (See MGS Scope/fee) | MGS | | | | | | | | | | | 0 | \$24,945.00 |
| Construction Phase | | | 180 | 0 | 0 | 0 | 0 | 40 | 0.5 | 56 | 32 | 299.5 | \$76,697.00 |
| 13. Construction Management | | | | | | | | | | | | 0 | \$0.00 |
| 13.010 Reestablish Project Control Points for Contractor Prior to Construction | CGS | | | | | | | | | | | 0 | \$0.00 |
| 13.020 Review Contractor Pay Estimates (12 eit) | CPSY | | 30 | | | | | | | | 12 | 42 | \$6,720.00 |
| 13.030 Review/Regulate Change Orders | CPSY | | 12 | | | | | | | | 12 | 24 | \$1,980.00 |
| 13.040 Review Shop Drawings | CPSY | | 16 | | | | | 30 | 4.5 | 27 | 72.5 | \$9,357.00 | |
| 13.050 Respond to RFIs | CPSY | | 10 | | | | | 10 | 4 | 12 | 26 | \$4,416.00 | |
| 13.060 Project Site Visits and Reports (Minimum Two Per Month) | CPSY | | 22 | | | | | | | 12 | 20 | \$14,988.00 | |
| 13.070 Participate in Construction Progress Meetings and Prepare Meeting Minutes (Coincide With 13.6 When Possible) | | | | | | | | | | | | 0 | \$0.00 |
| 13.080 Final Walkthrough and Punchlist Review | CPSY | | 8 | | | | | | | 8 | 16 | \$2,064.00 | |
| 13.090 DLR Inspection (See Altura Solutions Scope/fee) | CPV/Altura | | 8 | | | | | | | | | 8 | \$1,768.00 |
| 13.100 Construction Admin (See MGS Scope/fee) | MGS | | | | | | | | | | | 0 | \$22,505.00 |
| 13.110 Construction Admin (See Garza Scope/fee) | Garza | | | | | | | | | | | 0 | \$60.00 |
| 13.120 Construction Admin (See HMG Scope/fee) | HMG | | | | | | | | | | | 0 | \$15,000.00 |
| Project Closeout | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 14. Project Closeout | | | | | | | | | | | | 0 | \$0.00 |
| 14.010 Prepare Record Drawings | | | | | | | | | | | | 0 | \$0.00 |
| 14.020 Final Warranty Inspection | | | | | | | | | | | | 0 | \$0.00 |

City of San Antonio - Transportation & Capital Improvements

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Downtown Streets -Commerce Street**
 Prime Consultant: **CP&Y, Inc.**
 Subconsultant: **MIG, GDA, HWS, Garza Irrigation**
 Proposal Date: **3/17/2020**
 Prepared By: **Jaime Aguilar**

Insert Positions As Required ----->
 Insert Approved Hourly Rate for Each Position ----->

| TASK CODE AND DESCRIPTION | Consultant | Principal | Project | Senior | Senior | Structural | Structural | Project | EIT III | Eng Tech III | Admin/Clerical | TASK HOURS | TASK / PHASE FEE |
|--|------------|-----------|----------|----------|----------|------------|------------|----------|---------|--------------|----------------|------------|------------------|
| | Provider | \$200.00 | \$165.00 | \$160.00 | \$165.00 | \$140.00 | \$125.00 | \$100.00 | \$93.00 | \$66.00 | | | |
| TOTAL BASE FEE WITH HOUR BREAKDOWN | 0 | | 240 | 0 | 6 | 0 | 44 | 162.5 | 411 | 42 | | 919.5 | \$295,664.63 |
| Additional Services | | | | | | | | | | | | | |
| List additional services as scoped. Examples include Geotech and SUE | | | | | | | | | | | | | |
| Additional Services | | | | | | | | | | | | 0 | \$0.00 |
| Oct 1 Management of SUE Level B Services | CP&Y | | | | | | | | | | | 0 | \$0.00 |
| Oct 2 Management of SUE Level A Services | CP&Y | | | | | | | | | | | 0 | \$0.00 |
| LID Design | | | | | | | | | | | | 0 | \$0.00 |
| Oct 3 Finalize LID Storm Drain Design | CP&Y | | | | | | | | | | | 0 | \$0.00 |
| Project Advisor | | | | | | | | | | | | 0 | \$0.00 |
| Oct 4 Project Advisor | WRZ&CPY | | | | | | | | | | | 0 | \$0.00 |
| SAWS Utility Services | | | | | | | | | | | | 0 | \$0.00 |
| Oct 5 SAWS Utility Engineering | CAS&CPY | | | | | | | | | | | 0 | \$0.00 |
| Oct 7 Animated Project Flythrough | YDC&CPY | | | | | | | | | | | 0 | \$0.00 |
| TOTAL ADDITIONAL SERVICES FEE WITH HOUR BREAKDOWN | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | \$0.00 |



M O O R E I A C O F A N O G O L T S M A N , I N C .

January 9th, 2020

Jaime Aguilar, P.E.
One Countryside Place
12500 San Pedro, Ste 450
San Antonio, TX 78216

Dear Jaime,

Please review our Proposal for design services for San Antonio's Commerce Street improvements from St. Mary's to Laredo St. Based on discussions with CP&Y and City Staff, MIG proposes the following Scope of Work.

SCOPE OF WORK

- Pedestrian Streetscape design drawings, specifications and costs, which will address materials, color and finish information for pedestrian paving areas, as well as the dimensional location of site furnishings (e.g., seating, tree grates, stormwater grates, planters, wayfinding). [MIG assumes CP&Y will provide any dimension plans for pedestrian paving areas]
- Planting design drawings, specifications and costs

The following phase and task descriptions describe this scope in greater detail.

Phase 03: 100% Construction Documents

TASK 03.01 Ongoing Project Coordination and Management

MIG expects to participate in telephone coordination calls with CP&Y and City staff (the budget assumes (8) one-hour phone calls.

TASK 03.02 Preparation of 100% Construction Documents

MIG will prepare Construction Documents for their work at a 100% completion level. The 100% Drawings will show the extent of planted areas with the locations of trees and plants and the extent of pedestrian paving with locations of site furnishings. The 100% Technical Specifications will be related to the work described in the drawings. MIG will provide a Summary of Quantities for pedestrian streetscape and planting items to be referenced with the Contractor's unit prices for an Estimate of Probable Cost.

03.021 100% Pedestrian Streetscape and Planting Plans

MIG will prepare 100% Pedestrian Streetscape, & Planting Plans and Details. Work will include the following at approximately the 100% completion level:

- Pedestrian streetscape plans

P L A N N I N G | D E S I G N | C O M M U N I C A T I O N S | M A N A G E M E N T | S C I E N C E | T E C H N O L O G Y

317 Lexington Avenue, Suite 2 | San Antonio, TX 78215 | 210.600.9900 | www.migcom.com

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

- Planting plans and details.
- Site furnishings and special paving construction details.

03.022 100% Pedestrian Streetscape Enlarged Detail Plans

MIG will develop enlarged detail plans for up to 5 special design areas, or areas where greater detail is needed to clarify design intent. MIG will coordinate with GDU to develop schematic level drawings for a Zona Cultural specific bus shelter to be further developed and installed by VIA. VIA will prepare the final bus shelter drawings and specifications and provide for construction and maintenance of a Zona Cultural specific bus shelters. Should VIA decide to utilize their existing standard bus shelter, the Zona Cultural bus shelters shall have a specialty graphic overlay signifying their location within the Zona Cultural.

03.023 100% Tree Protection and Mitigation Plans

Using survey data provided by the project surveyor, MIG will prepare a tree protection and mitigation plan. The tree affidavit, tree protection plan and details for this task include:

- Calculation of Existing Tree Canopy (based on tree survey provided by others)
- Tree Preservation Plan including tables and details
- Tree protection specifications or use of standard City specifications
- Tree Affidavit for submittal with permit application

03.024 100% Coordination with Civil, Lighting & Irrigation Design

MIG will coordinate planting and irrigation design with other disciplines as needed to minimize conflicts.

03.025 100% Pedestrian Streetscape and Planting Technical Specifications and Product Data

MIG will prepare the Technical Specification sections for pedestrian streetscape and planting and coordinate irrigation specifications at a 100%-level. MIG will prepare 100% Technical Specifications related to the work described in the landscape drawings not covered by the City's standard specifications.

03.026 Pedestrian Streetscape and Planting Estimate of Probable Cost

MIG will prepare a Summary of Quantities (in Excel sheet format) for items related to planting, site furnishings, and specialty items related to paving design. MIG will prepare a 100%-level Opinion of Probable Construction Costs for the pedestrian streetscape and planting items based on the plans, details, and list of quantities to be referenced with the Contractor's unit prices.

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

TASK 03.03 Review of 100% Construction Documents

MIG will meet with the Design Team, City Staff and Stakeholders at the completion of the 100% Construction Document phase to review comments. It is assumed that this is one combined meeting and that all comments will be consolidated into one formal word document prepared by the City, for response from Consultants. It is also anticipated any redlined drawings will represent the consolidated comments from the City and will be available at that meeting. MIG will respond to the written comments as part of this phase.

MIG will provide CP&Y with one full-size (11x17) electronic .pdf of the 100% Submittal copies.

TASK 03.04 GDU Review and Design Services

Please see attachment for detailed information on scope of work.

Phase 04: Bid Phase (Construction Documents Bid Set)

TASK 04.01 Ongoing Project Coordination and Management

MIG expects to participate in telephone coordination calls with CP&Y and City staff (the budget assumes (4) one-hour phone calls). In addition, MIG assumes no on-site design coordination meetings during the Bid phase.

TASK 04.02 Preparation of Bid Construction Documents

MIG will prepare Bid Construction Documents (Bid Set) for bidding. The Bid Set will show the extent of planted areas with the locations of trees and plants and the extent of pedestrian paving with locations of site furnishings. The Bid Technical Specifications will be related to the work described in the drawings.

04.021 Bid Set Pedestrian Streetscape and Planting Plans

MIG will prepare Bid Set Pedestrian Streetscape & Planting Plans and Details. Work will include the following for bid-level completion:

- Pedestrian streetscape plans and details.
- Site furnishings and special paving construction details.
- Planting plans and details.

04.022 Bid Set Pedestrian Streetscape Enlarged Detail Plans

MIG will prepare enlarged detail plans for up to 5 special design areas, or areas where greater detail is needed to clarify design intent.

04.023 Bid Set Tree Protection and Mitigation Plans

Based on the City's review of the 100% Tree Protection and Mitigation Plans, MIG will prepare the Bid Set tree protection and mitigation plan. The tree affidavit, tree protection plan and details for this task include:

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

- Calculation of Existing Tree Canopy (based on tree survey provided by others)
- Tree Preservation Plan including tables and details
- Tree protection specifications or use of standard City specifications
- Tree Affidavit for submittal with permit application

04.024 Bid Set Coordination with Civil, Lighting & Irrigation Design

MIG will coordinate planting with civil, irrigation, and lighting disciplines as needed to minimize conflicts.

04.025 Bid Set Pedestrian Streetscape and Planting Technical Specifications and Product Data

MIG will prepare the Technical Specification sections for pedestrian streetscape and planting and coordinate irrigation specifications for bidding.

04.026 Pedestrian Streetscape and Planting Estimate of Probable Cost

MIG will prepare a Summary of Quantities (in Excel sheet format) for items related to planting, site furnishings, and specialty items related to paving design. MIG will prepare a bid-level Opinion of Probable Construction Costs for the pedestrian streetscape based on the plans, details, and list of quantities to be referenced with the Contractor's unit prices.

TASK 04.03 Attend Meeting with Contractor

MIG will provide one representative to attend a meeting with the Contractor and provide technical support regarding the information provided in the Bid Documents.

TASK 04.04 Furnish Plans for Issuance

MIG will package the Landscape Bid Documents, which includes Plans and Technical Specifications. MIG will provide CP&Y with a PDF copy of the Plans and Technical Specifications for inclusion in the Bid Package.

TASK 04.05 Respond to RFIs and Prepare Addenda (Up to 2 Addenda)

MIG will provide technical assistance to CP&Y to coordinate issues and provide clarifications as needed during the bid period. MIG will prepare technical clarifications, responses to Contractor Requests for Information (RFIs) and submittals, and/or information to CP&Y for packaging and distribution. At CP&Y's request, MIG will also prepare or assist CP&Y in preparing addenda to the Construction Contract Documents. The City will sign and issue any addenda to the plan holders.

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

Phase 05: Construction Administration

TASK 05.01 Attend Meeting with Contractor

MIG's Principal and Project Manager will attend a pre-construction meeting to answer questions and provide clarification regarding the Site Landscape Plans.

TASK 05.02 RFI, Shop Drawing and Submittal Review and Response

MIG will assist CP&Y with the resolution of conflicts and prepare clarifications and/or interpretations of the Construction Documents prepared by MIG. MIG will respond in writing for up to (6) Contractor RFIs. MIG will review and comment on shop drawings, samples and submittals related to MIG's work as described in the Drawings and Specifications.

TASK 05.03 Change Orders and Field Alterations

MIG will provide information for up to (6) items related to MIG's Scope of Work for CP&Y's use in completing change orders/field alterations.

TASK 05.04 Project Site Visits and Reports (Up to 6)

MIG will observe the progress of the executed work and describe, in general, the work and its status in relation to the Plans and Specifications. MIG will provide CP&Y with a summary of observations, issues, and concerns noted during each site visit. MIG shall not be required to make exhaustive or continuous on-site inspections to check the quality and quantity of the work. MIG shall not be responsible for the means, methods, techniques, sequences or procedures of construction of the Contractor or the safety precautions and programs of the Contractor. MIG shall not be responsible for the failure of the Contractor to perform the construction work in accordance with Plans and Specifications and the Contractor's contract.

TASK 05.05 Final Walkthrough and Punchlist

MIG will assist CP&Y in conducting final observations and prepare a list of construction deficiencies noticed on the visit for resolution by the Contractor.

TASK 05.05 TDLR Inspection

MIG attend (1) walk-through with TDLR inspector.

TASK 05.06 Public Meeting

MIG will attend (1) public meeting. Meeting is assumed to be organized and facilitated by City.

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

Phase 06: Project Closeout

TASK 06.01 Prepare Record Drawings

After completion of the work, and before final payment to the Contractor, MIG will receive the Contractor's as-constructed red-line "As-Built Drawings" provided by the City/CP&Y.

After receiving the As-Built Drawings, MIG will incorporate redlines related to MIG's work to CAD files of the Bid Documents. MIG will provide CP&Y with one PDF copy and one CAD format electronic file of these Project Record Drawings. MIG shall not be held liable for the information supplied by the Contractor and/or City Representative.

TASK 06.02 Final Warranty Inspection

MIG will provide one representative to attend the warranty walk-through at the project completion.

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

Additional Services

Work Not Included in this Proposal

All services not included in the above Scope of Work will be billed as Additional Services at the hourly rates described in the proposal, following approval by CP&Y. This proposal does not include work related to:

- Additional meetings, exhibits, deliverables, etc.
- Additional specifications than the technical specifications that relate to the work shown in the drawings
- Revisions to work following approval of that phase of work by the City
- Photo simulations and renderings
- Content of wayfinding elements
- Grading and drainage
- Demo work required for construction improvements
- Traffic engineering, painting and striping, etc.
- Civil engineering, Hydrology and Hydraulics
- Structural engineering
- Geotechnical engineering
- Electrical engineering and lighting design
- Irrigation Design
- Pumps and filtration systems for irrigation system
- Bus shelter drawings and specifications
- Signage and graphic design
- Permitting submittals in excess of those listed above and for agency review outside of COSA (e.g. TXDOT, FEMA)
- TDLR reviews and inspections

Assumptions

Permitting

It is our understanding that the project will be permitted within City of San Antonio and will not require TXDOT approvals. If required, MIG can provide TXDOT permit submittals as an additional service.

City of San Antonio
Commerce Street Scope of Work (St. Mary's to Laredo)

Project Approval

Commerce Street Scope of Work

Thank you for this opportunity to be of service. Please call us if you have any questions or comments relative to the Scope or Fee. To confirm your approval of this proposal and initiate our work on the Project, please sign this letter and return it to us. Please retain a copy for your records.

Sincerely,

Mukul Malhotra
Principal
MIG

CLIENT

CP&Y

MIG, Inc.

Printed Name

Printed Name

Signature

Signature

Title

Title

Date Signed

Date Signed

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: DOWNTOWN STREETS - COMMERCE STREET: ST. MARY'S TO LAREDO STREET
 Prime Consultant: CP&Y
 Subconsultant: MIG, Inc.
 Proposal Date: 1/9/2020
 Prepared By: NR, CC, MM

| TASK CODE AND DESCRIPTION | Principal / Proj. Manager | QA/QC / Eng. Coord. | LA QA/QC | Landscape Designer | Urban Designer | Project Associate | Admin | TASK HOURS | TASK / PHASE FEE |
|--|---------------------------|---------------------|----------|--------------------|----------------|-------------------|---------|------------|------------------|
| | \$250.00 | \$160.00 | \$130.00 | \$115.00 | \$110.00 | \$90.00 | \$85.00 | | |
| 100% Design Phase 3: 100% Construction Documents | 24 | 17 | 9 | 83 | 17 | 56 | 4 | 210 | \$44,305 |
| 03. 100% Construction Documents | | | | | | | | | |
| 03.01. Ongoing Project Coordination & Management (Assumes 3 Phone Conferences/Calls; 0 on-site Mtg.) | 8 | 4 | | 12 | | | 4 | 28 | \$4,380 |
| 03.02. Preparation of 100% Construction Documents | | | | | | | | | |
| 03.021. 100% Pedestrian Streetscape and Planting Plans | 2 | 1 | 2 | 16 | 8 | 20 | | 49 | \$5,440 |
| 03.022. 100% Pedestrian Streetscape Enlarged Detail Plans (up to 5) | 2 | 1 | 1 | 24 | 8 | 24 | | 60 | \$6,590 |
| 03.023. 100% Tree Protection and Mitigation Plans | | | 1 | 2 | | 4 | | 9 | \$1,220 |
| 03.024. 100% Coordination with Civil, Lighting, and Irrigation Design | 2 | 1 | | 4 | 1 | 2 | | 10 | \$1,410 |
| 03.025. 100% Pedestrian Streetscape and Planting Technical Specs. | 2 | 2 | 4 | 16 | | | | 24 | \$3,180 |
| 03.026. 100% Pedestrian Streetscape and Planting Estimate of Probable | 2 | 4 | | 2 | | 6 | | 14 | \$1,910 |
| 03.03. Review of 100% Construction Documents | | | | | | | | | |
| 3.031. Meeting to review City comments | 2 | 2 | 1 | 4 | | | | 9 | \$1,410 |
| 3.032. Response to City Comments | 2 | 2 | | 3 | | | | 7 | \$1,165 |
| 3.04. GDU Review and Design Services | | | | | | | | | \$17,620 |
| Bid Phase Phase 4: Construction Documents Bid Set | 16 | 15 | 9 | 85 | 17 | 54 | 2 | 198 | \$24,245 |
| 04. Construction Documents Bid Set | | | | | | | | | |
| 04.01. Ongoing Project Coordination & Management (Assumes 2 Phone Conferences/Calls; 0 on-site Mtg.) | 4 | 2 | | 8 | | | 2 | 16 | \$2,410 |
| 04.02. Preparation of Bid Construction Documents | | | | | | | | | |
| 04.021. Bid Set Pedestrian Streetscape and Planting Plans | 2 | 1 | 1 | 12 | 8 | 20 | | 44 | \$4,850 |
| 04.022. Bid Set Pedestrian Streetscape Enlarged Detail Plans (up to 5) | 1 | 1 | 1 | 20 | 8 | 20 | | 51 | \$5,520 |
| 04.023. Bid Set Tree Protection and Mitigation Plans | | | | 1 | | 2 | | 3 | \$295 |
| 04.024. Bid Set Coordination with Civil, Lighting, and Irrigation Design | 1 | 1 | | 4 | 1 | 2 | | 9 | \$1,160 |
| 04.025. Bid Set Pedestrian Streetscape and Planting Technical Specs. | 1 | 2 | 4 | 12 | | | | 19 | \$2,470 |
| 04.026. Bid Set Pedestrian Streetscape and Planting Estimate of Probabil | 1 | 4 | 1 | 2 | | 6 | | 14 | \$1,750 |
| 04.03. Attend Meeting with Contractor | 4 | | | 8 | | | | 12 | \$1,920 |
| 04.04. Furnish Plans for Issuance | | 2 | | 2 | | | | 4 | \$550 |
| 04.05. Respond to RFIs and Prepare Addenda (up to 2 Addenda) | 2 | 2 | 2 | 16 | | 4 | | 26 | \$3,280 |
| Construction Phase Phase 5 | 20 | 8 | 5 | 88 | 8 | 8 | 4 | 141 | \$18,990 |
| 05. Construction Administration | | | | | | | | | |
| 05.01. Attend Meeting with Contractor | 2 | | | 8 | | | 1 | 11 | \$1,505 |
| 05.02. RFI Shop Drawing and Submittal Review and Response (up to 6) | 4 | 4 | 2 | 18 | | 4 | | 32 | \$4,330 |
| 05.03. Change Orders and Field Alterations (up to 6) | 2 | 4 | 2 | 20 | | 4 | | 32 | \$4,060 |
| 05.04. Project Site Visits and Reports (up to 8) | 4 | | | 32 | | | 3 | 39 | \$4,935 |
| 05.05. Final Walkthrough and Punchlist | 2 | | 1 | 10 | | | | 13 | \$1,780 |
| 05.06. TDLR Inspection | 2 | | | | | | | 2 | \$500 |
| 05.07. Public Meeting | 4 | | | | 8 | | | 12 | \$1,880 |
| Project Closeout Phase 6 | 3 | 2 | 2 | 12 | 0 | 8 | 1 | 28 | \$3,515 |
| 06. Project Closeout | | | | | | | | | |
| 06.01. Prepare Record Drawings | 1 | 1 | 1 | 4 | | 8 | 1 | 16 | \$1,805 |
| 06.02. Final Warranty Inspection | 2 | 1 | 1 | 8 | | | | 12 | \$1,710 |
| Total Labor - Phases 03 Through 06 | | | | | | | | | \$91,055 |
| Direct Costs - Phases 03 Through 06 | | | | | | | | | \$6,270 |
| TOTAL PHASES 03 THROUGH 06 (Labor + Direct Costs) | | | | | | | | | \$97,325 |

3/6/2020

City of San Antonio Traffic Signals, Signs & Pavement Markings, & QC/QA Engineers Scope and Fee

| City of San Antonio Commerce Street (St. Marys to Santa Rosa) Manhour Breakdown | | | | | | | |
|---|-----------|-----------------|------------------|-----------|------------------------|----------------|----------------|
| Task | Principal | Project Manager | Project Engineer | EIT III | CADD Tech/ Eng Tech | Admin/Clerical | Total Hours |
| Contract Rate | \$186.12 | \$160.81 | \$125.00 | \$90.40 | \$78.92 | \$56.58 | |
| Commerce Street | | | | | | | |
| General | | | | | | | |
| 1. Attend Project Scoping Meeting | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. Project Meetings & Coordination | 0 | 2 | 0 | 2 | 0 | 0 | 4 |
| 3. Site Visits (2 site visits) | 0 | 2 | 2 | 2 | 0 | 0 | 6 |
| Subtotals: Man Hours for General | 0 | 4 | 2 | 4 | 0 | 0 | 10 |
| Traffic Signal Design @ St. Marys/Commerce St. | | | | | | | |
| 1. Permanent Signalization | | | | | | | |
| A. Revise Traffic Signal and ITS Layout Sheets | 0 | 1 | 2 | 6 | 6 | 0 | 15 |
| B. Revise Traffic Signal Elevation Sheets | 0 | 1 | 1 | 4 | 5 | 0 | 11 |
| C. Revise Traffic Signal and ITS Conduit Schedule Plan | 0 | 1 | 1 | 3 | 4 | 0 | 9 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| E. Re-calculate Traffic Signal and ITS Quantities and prepare Summary Sheet | 0 | 1 | 2 | 1 | 1 | 0 | 5 |
| Subtotals: Man Hours for Traffic Signal Design | 0 | 4 | 6 | 15 | 17 | 0 | 42 |
| Traffic Signal Design @ Soledad St./Commerce St. | | | | | | | |
| 1. Permanent Signalization | | | | | | | |
| A. Revise Traffic Signal and ITS Layout Sheets | 0 | 1 | 2 | 6 | 6 | 0 | 15 |
| B. Revise Traffic Signal Elevation Sheets | 0 | 1 | 1 | 4 | 5 | 0 | 11 |
| C. Revise Traffic Signal and ITS Conduit Schedule Plan | 0 | 1 | 1 | 3 | 4 | 0 | 9 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| E. Re-calculate Traffic Signal and ITS Quantities and prepare Summary Sheet | 0 | 1 | 2 | 1 | 1 | 0 | 5 |
| Subtotals: Man Hours for Traffic Signal Design | 0 | 4 | 6 | 15 | 17 | 0 | 42 |

Gonzalez+De La Garza and Associates, LLC

Commerce Street - CoSA 2012 Bond Project

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3/6/2020

City of San Antonio/Traffic Signals, Signs & Pavement Markings, & QC/QA Engineers Scope and Fee

| City of San Antonio Commerce Street (St. Marys to Santa Rosa) Manhour Breakdown | | | | | | | |
|---|-----------|-----------------|------------------|-----------|------------------------|----------------|----------------|
| Task | Principal | Project Manager | Project Engineer | EIT III | CADD Tech/ Eng Tech | Admin/Clerical | Total Hours |
| Contract Rate | \$186.12 | \$160.81 | \$125.00 | \$90.40 | \$78.92 | \$56.58 | |
| Commerce Street | | | | | | | |
| Traffic Signal Design @ N. Main St./Commerce St. | | | | | | | |
| 1. Permanent Signalization | | | | | | | |
| A. Revise Traffic Signal and ITS Layout Sheets | 0 | 1 | 2 | 6 | 6 | 0 | 15 |
| B. Revise Traffic Signal Elevation Sheets | 0 | 1 | 1 | 4 | 5 | 0 | 11 |
| C. Revise Traffic Signal and ITS Conduit Schedule Plan | 0 | 1 | 1 | 3 | 4 | 0 | 9 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| E. Re-calculate Traffic Signal and ITS Quantities and prepare Summary Sheet | 0 | 1 | 2 | 1 | 1 | 0 | 5 |
| Subtotals: Man Hours for Traffic Signal Design | 0 | 4 | 6 | 15 | 17 | 0 | 42 |
| Traffic Signal Design @ N. Flores St./Commerce St. | | | | | | | |
| 1. Permanent Signalization | | | | | | | |
| A. Revise Traffic Signal and ITS Layout Sheets | 0 | 1 | 2 | 6 | 6 | 0 | 15 |
| B. Revise Traffic Signal Elevation Sheets | 0 | 1 | 1 | 4 | 5 | 0 | 11 |
| C. Revise Traffic Signal and ITS Conduit Schedule Plan | 0 | 1 | 1 | 3 | 4 | 0 | 9 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| E. Re-calculate Traffic Signal and ITS Quantities and prepare Summary Sheet | 0 | 1 | 2 | 1 | 1 | 0 | 5 |
| Subtotals: Man Hours for Traffic Signal Design | 0 | 4 | 6 | 15 | 17 | 0 | 42 |
| Traffic Signal Design @ Cameron St./Commerce St. | | | | | | | |
| 1. Permanent Signalization | | | | | | | |
| A. Revise Traffic Signal and ITS Layout Sheets | 0 | 1 | 2 | 6 | 6 | 0 | 15 |
| B. Revise Traffic Signal Elevation Sheets | 0 | 1 | 1 | 4 | 5 | 0 | 11 |
| C. Revise Traffic Signal and ITS Conduit Schedule Plan | 0 | 1 | 1 | 3 | 4 | 0 | 9 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| E. Re-calculate Traffic Signal and ITS Quantities and prepare Summary Sheet | 0 | 1 | 2 | 1 | 1 | 0 | 5 |
| Subtotals: Man Hours for Traffic Signal Design | 0 | 4 | 6 | 15 | 17 | 0 | 42 |
| Traffic Signal Design @ Laredo St./Commerce St. | | | | | | | |

Gonzalez+De La Garza and Associates, LLC

Commerce Street - CoSA 2012 Bond Project

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3/6/2020

City of San Antonio Traffic Signals, Signs & Pavement Markings, & QC/QA Engineers Scope and Fee

| City of San Antonio Commerce Street (St. Marys to Santa Rosa) Manhour Breakdown | | | | | | | |
|---|-----------|-----------------|------------------|------------|------------------------|----------------|----------------|
| Task | Principal | Project Manager | Project Engineer | EIT III | CADD Tech/ Eng Tech | Admin/Clerical | Total Hours |
| Contract Rate | \$186.12 | \$160.81 | \$125.00 | \$90.40 | \$78.92 | \$56.58 | |
| Commerce Street | | | | | | | |
| 1. Permanent Signalization | | | | | | | |
| A. Revise Traffic Signal and ITS Layout Sheets | 0 | 1 | 2 | 6 | 6 | 0 | 15 |
| B. Revise Traffic Signal Elevation Sheets | 0 | 1 | 1 | 4 | 5 | 0 | 11 |
| C. Revise Traffic Signal and ITS Conduit Schedule Plan | 0 | 1 | 1 | 3 | 4 | 0 | 9 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 1 | 1 | 0 | 2 |
| E. Re-calculate Traffic Signal and ITS Quantities and prepare Summary Sheet | 0 | 1 | 2 | 1 | 1 | 0 | 5 |
| Subtotals: Man Hours for Traffic Signal Design | 0 | 4 | 6 | 15 | 17 | 0 | 42 |
| Signs and Pavement Markings | | | | | | | |
| 1. Signs and Pavement Markings | | | | | | | |
| A. Revise pavement marking and signs layout | 0 | 1 | 1 | 2 | 4 | 0 | 8 |
| B. Revise pavement markings and signs sheets | 0 | 1 | 1 | 2 | 10 | 0 | 14 |
| C. Revise Quantities and summary sheets | 0 | 1 | 1 | 2 | 4 | 0 | 8 |
| D. Revise CoSA Standards | 0 | 0 | 0 | 2 | 2 | 0 | 4 |
| Subtotals: Man Hours for Signs and Pavement Markings | 0 | 3 | 3 | 8 | 20 | 0 | 34 |
| Quality Control/Quality Assurance | | | | | | | |
| 1. QC/QA | | | | | | | |
| A. Review 95% Commerce Street Construction Documents | 0 | 12 | 0 | 0 | 0 | 0 | 12 |
| B. Review Commerce Street Bid Documents and provide comments as needed | 0 | 16 | 0 | 0 | 0 | 0 | 16 |
| | | | | | | | 0 |
| Subtotals: Man Hours for Quality Control/Quality Assurance | 0 | 28 | 0 | 0 | 0 | 0 | 28 |
| Totals for General | 0 | 4 | 2 | 4 | 0 | 0 | 10 |
| Totals for Traffic Signal Design | 0 | 24 | 36 | 90 | 102 | 0 | 252 |
| Totals for Signs and Pavement Markings | 0 | 3 | 3 | 8 | 20 | 0 | 34 |
| Totals for Quality Control/Quality Assurance | 0 | 28 | 0 | 0 | 0 | 0 | 28 |
| Grand Totals: Man Hours | 0 | 59 | 41 | 102 | 122 | 0 | 324 |

Gonzalez+De La Garza and Associates, LLC

Commerce Street - CoSA 2012 Bond Project

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3/6/2020

City of San Antonio Traffic Signals, Signs & Pavement Markings, & QC/QA Engineers Scope and Fee

| City of San Antonio Commerce Street (St. Marys to Santa Rosa) Manhour Breakdown | | | | | | | |
|---|--------------------------|-----------------|------------------|---------|------------------------|----------------|--------------------|
| Task | Principal | Project Manager | Project Engineer | EIT III | CADD Tech/ Eng Tech | Admin/Clerical | Total Hours |
| Commerce Street | Contract Rate \$186.12 | \$160.81 | \$125.00 | \$90.40 | \$78.92 | \$56.58 | |
| Breakdown of Costs for Basic Engineering Services | | | | | | | |
| Function Code | Design Cost Breakdown | Print / Repro | Travel | | | | TOTAL FEE |
| Totals for General | \$1,254.84 | | | | | | \$1,254.84 |
| Traffic Signal Design | \$24,545.28 | | | | | | \$24,545.28 |
| Totals for Pavement Markings and Signs | \$3,159.03 | | | | | | \$3,159.03 |
| Totals for Quality Control/Quality Assurance | \$4,502.68 | | | | | | \$4,502.68 |
| Expenses | | \$600 | | | | | \$600.00 |
| Project Totals | \$33,461.83 | \$600.00 | | | | | \$34,061.83 |
| Total Maximum Fee for Basic Engineering Services (GDA) | | | | | | | \$34,061.83 |

Gonzalez+De La Garza and Associates, LLC

Commerce Street - CoSA 2012 Bond Project

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March 5, 2020

CP&Y
One Countryside Place
12500 San Pedro, Ste. 450
San Antonio, TX 78216

Re: Irrigation Re-Design, Commerce Street, Phase I

Mr. Aguilar,

I am pleased to present the following proposal for irrigation design services for the above referenced project. A The scope will include:

Re-design of Commerce St. irrigation, to include deleting of some planting irrigation, design of tree bubbler plan, hydraulic calculations, reassembly of plan sheets, preparation of specifications. Fee does not include Phase II (scope to be determined):

Base Design Hours: 25 Hours
Design Fee: \$2500.00

Garza Consulting reserves the right to update fee should the scope grow beyond what was represented for this proposal. Base fee does not include water harvesting systems, pump systems, requests to convert contractor as built to CAD, LEED calculations or revisions to plan after 100% Construction Documents have been submitted by Garza Consulting.

Construction Services:

This task will include the following services:

- Participation in a pre-construction meeting to answer Contractor questions and to provide clarification to bid documents as required.
- Review of shop drawings, and material submittal, comment, re-review and approval for construction.
- Conduct final walk-through with Contractor to observe completeness of installation and compliance with "punch list" items for Final Acceptance.

Fee: \$500.00

As Built :

Requests to convert contractor as built to CAD file. Garza Consulting seals will be removed.

Fee: \$100.00

Additional Services

Design work requested after 100% Construction Documents have been submitted shall be billed as Additional Services. These services shall be billed at a rate of \$125/hr.

Garza Consulting
P.O. Box 681974
San Antonio, TX 78268
Phone: 210-490-1191

If requested by the Owner's Representative, we will make additional visits to the site during construction to observe progress by the Contractor. A field report will be developed after each visit documenting verbal communication with the Contractor and listing deviations from the contract documents. These services will be charged at our hourly billing rate of \$125/hr.

We request written approval to proceed with this project, however it may be necessary to meet to develop a more definitive scope as you deem necessary. Please call with any questions or comments. I look forward to working with you on this project.

Kind Regards,



Steven A. Garza L.I.

AGREED TO BY:
Authorized Signature

Date

Garza Consulting
P.O. Box 681974
San Antonio, TX 78268
Phone: 210-490-1191