

**AMENDMENT 1
TO THE
PROFESSIONAL SERVICES AGREEMENT
FOR
BELFAST AND JANDA SUSAN AREA DRAINAGE PROJECT**

This Amendment (herein called the "Amendment") to the Professional Services Agreement for the Belfast and Janda Susan Area Drainage Project is entered into by and between the City of San Antonio (herein called the "City"), a Texas municipal corporation, acting by and through its Director of Transportation and Capital Improvements and Stantec Consulting Services, Inc. (herein called "Consultant"), acting by and through its duly authorized corporate representative, as set out below.

WITNESSETH:

WHEREAS, on October 11, 2012, through Ordinance 2012-10-11-0794, the City of San Antonio and Bury + Partners-SA, Inc., which has since been acquired by Stantec Consulting Services, Inc., entered into a Professional Services Agreement ("Agreement") for an amount not to exceed \$631,742.18 for this project;

WHEREAS, this project is a two phased project with Phase 2 dependent upon the completion of Phase, which is now complete;

WHEREAS, this amendment adds additional services, as shown in Exhibit A, for work for Phase 2 of this project, and increases the total amount by an amount not to exceed \$68,698.30;

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 Agreement, as previously amended, entered into by and between the City and the Consultant is amended as follows:

1. **Section 2.1 – Compensation.** The not to exceed Compensation amount set out in Article 2.1 Compensation of the Agreement is hereby increased by \$68,698.30 for a revised not to exceed Compensation amount of \$700,440.48.

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


-----Signature page to follow-----

EXECUTED AND AGREED TO this _____ day of _____, 2018.

CITY:
CITY OF SAN ANTONIO

CONSULTANT:
STANTEC CONSULTING SERVICES, INC.

Mike Frisbie, P.E.
Director/City Engineer


Name: JASON M. NELSON
Title: SENIOR PRINCIPAL

Date: _____

Date: 1/18/18

APPROVED:

By: _____
City Attorney

EXHIBIT A
SCOPE OF ADDITIONAL SERVICES

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual

FEE SUMMARY AND TIMELINE FOR PROFESSIONAL SERVICES

Project: **Belfast and Janda Susan Drainage Improvements Ph. II**
Prime Consultant: **Stantec Consulting Services, Inc.**
Subconsultant:
Proposal Date: **5/19/2017**
Prepared By: **Chris Reed, EIT**

Scope of Work: **Bid and Constuction Phase Services**

| ACTIVITY | TIMELINE (CALENDAR DAYS) | | FEE |
|---------------------------|--------------------------------|--|--------------------|
| | | | |
| 40% Design Phase | 0 | | \$0.00 |
| 1. Prime Consultant | | | \$0.00 |
| 2. GKW | | | \$0.00 |
| 3. Sub Consultant 2 | | | \$0.00 |
| 4. Sub Consultant 3 | | | \$0.00 |
| 70% Design Phase | 0 | | \$0.00 |
| 1. Prime Consultant | | | \$0.00 |
| 2. GKW | | | \$0.00 |
| 3. Sub Consultant 2 | | | \$0.00 |
| 4. Sub Consultant 3 | | | \$0.00 |
| 95% Design Phase | 30 | | \$0.00 |
| 1. Prime Consultant | | | \$0.00 |
| 2. GKW | | | \$0.00 |
| 3. Sub Consultant 2 | | | \$0.00 |
| 4. Sub Consultant 3 | | | \$0.00 |
| Bid Phase | 30 | | \$0.00 |
| 1. Prime Consultant | | | \$0.00 |
| 2. GKW | | | \$0.00 |
| 3. Sub Consultant 2 | | | \$0.00 |
| 4. Sub Consultant 3 | | | \$0.00 |
| Construction Phase | 180 | | \$57,083.30 |
| 1. Prime Consultant | | | \$54,499.00 |
| 2. GKW | | | \$2,584.30 |
| 3. Sub Consultant 2 | | | \$0.00 |
| 4. Sub Consultant 3 | | | \$0.00 |
| Close Out Phase | 60 | | \$11,615.00 |
| 1. Prime Consultant | | | \$11,615.00 |
| 2. GKW | | | \$0.00 |
| 3. Sub Consultant 2 | | | \$0.00 |
| 4. Sub Consultant 3 | | | \$0.00 |
| BASE FEE TOTAL | 300 | | \$68,698.30 |

Additional Services and Allowances

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: Belfast and Janda Susan Drainage Improvements Ph. II
Prime Consultant: Stantec Consulting Services, Inc.
Subconsultant:
Proposal Date: 5/19/2017
Prepared By: Chris Reed, EIT

| | | | | | | | | | | | |
|--|-----------------------|--------------------------------|---------------------------------|----------------|---------------------|------------------|------------------------|------------------------|---------------------------|------------|---------------------|
| | Principal \$234.00 | Project Manager \$155.00 | Project Engineer \$126.00 | EIT \$99.00 | Eng Tech \$93.00 | RPLS \$150.00 | Survey Tech \$75.00 | 3 Man Crew \$175.00 | Clerical/Admin \$70.00 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| 95% Design | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 01. Project Management and General Items | | | | | | | | | | | |
| 01.030. General Sheets – Index, Summaries / Quantities, Notes | | | | | | | | | | | |
| 01.040. Design Review Meeting | | | | | | | | | | | |
| 01.050. Prepare Meeting Minutes | | | | | | | | | | | |
| 01.060. Project Schedule (Includes Construction) | | | | | | | | | | | |
| | | | | | | | | | | | |
| 04. Roadway Design | | | | | | | | | | | |
| 04.010. Typical Sections – Existing and Proposed | | | | | | | | | | | |
| 04.020. Horizontal Roadway Alignments | | | | | | | | | | | |
| 04.030. Roadway Profiles | | | | | | | | | | | |
| 04.040. Street Cross Sections | | | | | | | | | | | |
| 04.050. Plan and Profile Sheets | | | | | | | | | | | |
| 04.060. Retaining Wall Plans (Greater Than 3 FT) | | | | | | | | | | | |
| 04.070. Driveway Summary Sheet | | | | | | | | | | | |
| | | | | | | | | | | | |
| 05. Drainage Design | | | | | | | | | | | |
| 05.020. Design Storm Drain Facilities (Plan and Profile) | | | | | | | | | | | |
| 05.020.010. Roadways and Storm Drain System | | | | | | | | | | | |
| 05.020.020. Channels | | | | | | | | | | | |
| 05.020.030. Bridges / Bridge Class Culverts | | | | | | | | | | | |
| 05.020.040. Horizontal Channel Alignments | | | | | | | | | | | |
| 05.020.050. Channel Cross Sections | | | | | | | | | | | |
| 05.020.060. Culvert Excavation Cross Sections | | | | | | | | | | | |
| 05.030. Regulatory Coordination | | | | | | | | | | | |
| 05.030.010. Secure Floodplain Development Permit | | | | | | | | | | | |
| 05.030.020. Secure CLOMR | | | | | | | | | | | |
| | | | | | | | | | | | |
| 07. Utility Coordination / Management | | | | | | | | | | | |
| 07.010. Utility Basemap | | | | | | | | | | | |
| 07.020. Utility Coordination (Section 5.0 of the DGM) | | | | | | | | | | | |
| 07.030. Incorporate Joint Bid Utility Plans | | | | | | | | | | | |
| | | | | | | | | | | | |
| 08. Traffic Control Plan | | | | | | | | | | | |
| 08. See Proposal from GKW dated 5/1/2017 | | | | | | | | | | | |
| 08. Traffic Coordination | | | | | | | | | | | |
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City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast and Janda Susan Drainage Improvements Ph. II**
Prime Consultant: **Stantec Consulting Services, Inc.**
Subconsultant:
Proposal Date: **5/19/2017**
Prepared By: **Chris Reed, EIT**

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|---|-----------------------|--------------------------------|---------------------------------|----------------|---------------------|------------------|------------------------|------------------------|---------------------------|------------|---------------------|
| | Principal \$234.00 | Project Manager \$155.00 | Project Engineer \$126.00 | EIT \$99.00 | Eng Tech \$93.00 | RPLS \$150.00 | Survey Tech \$75.00 | 3 Man Crew \$175.00 | Clerical/Admin \$70.00 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| 09. Other Plans | | | | | | | | | | | |
| 09.010. Intersection Layouts | | | | | | | | | | | |
| 09.020. Bridge Layouts | | | | | | | | | | | |
| 09.030. Traffic Signal Plans | | | | | | | | | | | |
| 09.040. Illumination Plans | | | | | | | | | | | |
| 09.050. Pavement Marking and Signing Plan | | | | | | | | | | | |
| 09.060. SW3P Plan | | | | | | | | | | | |
| 09.060.010. SW3P Narrative | | | | | | | | | | | |
| 09.060.020. SW3P Layouts | | | | | | | | | | | |
| 09.070. Tree Preservation / Mitigation Plan | | | | | | | | | | | |
| 09.080. Landscaping Plans | | | | | | | | | | | |
| 09.090. Details and Specifications | | | | | | | | | | | |
| 09.090.010. Special Details | | | | | | | | | | | |
| 09.090.020. List of Governing Specifications | | | | | | | | | | | |
| 09.090.030. Special Provisions | | | | | | | | | | | |
| 09.090.040. Special Specifications | | | | | | | | | | | |
| 10. Environmental and Regulatory Coordination | | | | | | | | | | | |
| 10.010. General Environmental Coordination | | | | | | | | | | | |
| 10.020. WPAP | | | | | | | | | | | |
| 10.030. TXDOT Permits | | | | | | | | | | | |
| 10.040. RR Permits | | | | | | | | | | | |
| 10.050. TDLR Design Approval | | | | | | | | | | | |
| 11. Cost Estimating | | | | | | | | | | | |
| 11.010. Prepare Cost Estimate | | | | | | | | | | | |
| 15. Communications | | | | | | | | | | | |
| 15.030. Stakeholder Meetings | | | | | | | | | | | |
| Bid Phase | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 12. Bid Phase | | | | | | | | | | | |
| 12.010. Submit 100% Plans With All Joint Bid Utilities | | | | | | | | | | | |
| 12.020. Final Project Specifications Book | | | | | | | | | | | |
| 12.030. Finalize Constructability Issues | | | | | | | | | | | |
| 12.040. Review Utility Conflict Report and Address Pending Items | | | | | | | | | | | |
| 12.050. Attend 100% Review Meeting | | | | | | | | | | | |
| 12.060. Assist the City in Preparing Advertising Documents | | | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast and Janda Susan Drainage Improvements Ph. II**
Prime Consultant: **Stantec Consulting Services, Inc.**
Subconsultant:
Proposal Date: **5/19/2017**
Prepared By: **Chris Reed, EIT**

| | | | | | | | | | | | |
|--|-----------------------|--------------------------------|---------------------------------|----------------|---------------------|------------------|------------------------|------------------------|---------------------------|------------|---------------------|
| | Principal \$234.00 | Project Manager \$155.00 | Project Engineer \$126.00 | EIT \$99.00 | Eng Tech \$93.00 | RPLS \$150.00 | Survey Tech \$75.00 | 3 Man Crew \$175.00 | Clerical/Admin \$70.00 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| 42.070. Distribute Plans and Specifications to Contractors and Plan Rooms | | | | | | | | | | | |
| 42.080. Attend Pre Bid Meeting | | | | | | | | | | | |
| 42.090. Respond to Contractor Questions | | | | | | | | | | | |
| 42.100. Prepare and Distribute Necessary Addenda | | | | | | | | | | | |
| 42.110. Prepare Bid Tabulation and Letter of Recommendation | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Construction Phase | 5.5 | 88 | 176 | 126 | 4 | 4 | 6 | 20 | 0 | 429.5 | \$54,499.00 |
| 13. Construction Management | | | | | | | | | | | |
| 13.010. Reestablish Project Control Points for Contractor Prior to Construction | | | | | | 4 | 6 | 20 | | 30 | \$4,550.00 |
| 13.020. Review Contractor Pay Estimates | 0.5 | 6 | 8 | 12 | | | | | | 26.5 | \$3,243.00 |
| 13.030. Review / Negotiate Change Orders | 1 | 8 | 16 | 18 | | | | | | 43 | \$5,272.00 |
| 13.040. Review Shop Drawings | 0.5 | 16 | 24 | 32 | | | | | | 72.5 | \$8,789.00 |
| 13.050. Respond to RFI's | 1 | 20 | 30 | 40 | | | | | | 91 | \$11,074.00 |
| 13.060. Project Site Visits and Reports (Minimum Two Per Month) | 0.5 | 12 | 48 | 24 | | | | | | 84.5 | \$10,401.00 |
| 13.070. Participate in Construction Progress Meetings and Prepare Meeting Minutes | 0.5 | 18 | 36 | | | | | | | 54.5 | \$7,443.00 |
| 13.080. Final Walkthrough and Punchlist Review | 0.5 | 2 | 4 | | | | | | | 6.5 | \$931.00 |
| 13.090. TDLR Inspection | 0.5 | 4 | 8 | | | | | | | 12.5 | \$1,745.00 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 15. Communications | | | | | | | | | | | |
| 15.020. Public Meeting and Exhibits | 0.5 | 2 | 2 | | 4 | | | | | 8.5 | \$1,051.00 |
| 15.030. Stakeholder Meetings | | | | | | | | | | | |
| | | | | | | | | | | | |
| Project Closeout | 1.5 | 4 | 18 | 32 | 56 | 0 | 0 | 0 | 0 | 111.5 | \$11,615.00 |
| | | | | | | | | | | | |
| 14. Project Closeout | | | | | | | | | | | |
| 14.010. Prepare Record Drawings | 0.5 | 2 | 8 | 32 | 56 | | | | | 98.5 | \$9,811.00 |
| 14.020. Final Warranty Inspection | 1 | 2 | 10 | | | | | | | 13 | \$1,804.00 |
| TOTAL BASE FEE WITH HOUR BREAKDOWN | 7 | 92 | 194 | 158 | 60 | 4 | 6 | 20 | 0 | 541 | \$66,114.00 |
| | | | | | | | | | | | |
| Additional Services | | | | | | | | | | | \$0.00 |



Chris Reed
Stantec
70 NE Loop 410, Suite 1100
San Antonio TX 78216-5893

May 19, 2017

Re: Proposal for Traffic Control Plan (TCP)
Belfast and Janda Susan Drainage Improvements Phase 2, Construction Phase
City of San Antonio 2017 Bond Program

Dear Mr. Reed:

As requested, subconsultant GKW, Inc. is providing proposals for professional engineering services associated with design and construction, to the extent of available funds, the Belfast and Janda Susan Drainage project for prime consultant Stantec. The overall scope consists of storm sewer construction and street reconstruction for the full limits, with tie-in of storm sewer to an existing open channel after passing under an active UPRR rail line bed adjacent to US 281. Utility relocation will be performed throughout (water, sewer, gas, etc.). It is anticipated that access to all streets can be maintained with 'local' daytime closures, with no off-site or nighttime detours. There are no known concurrent projects in the area that may affect traffic control. The western section including Belfast and connection to the outfall were constructed under the 2012 Bond. Completion of the project for traffic control will take place under two proposals, as requested:

- Phase 2, 95% Design
- Phase 2, Construction Phase (this proposal)

Phase 2 (Alternates 2 & 3) are included in the new 2017 Bond. Existing plans for the project will be required to be checked and modified by the Traffic Engineer (GKW) to suit purposes for application for completing construction of the second half of the project. While construction phase services was omitted at the request of the client in the first phase, it is anticipated that issues may arise during construction and the traffic engineer be consulted. We expect that work on the existing plans will include removing the Base Bid and Alt 1 sheets, re-considering existing plan sheets for Alt 2 and Alt 3 now that Base and Alt 1 are complete, updating any of our details as needed, and review traffic sequencing and notes to reflect these changes. As the client (City of San Antonio) will be advancing this project after an approval of the 2017 Bond, we are assuming a minimal plan review process, for which the sheets had already been subjected under the earlier 2012 Bond.



Specific work to be accomplished by the Subconsultant

Traffic Control - Construction Phase Services will consist of the following:

Construction Phase Services consist of a maximum two field visits by up to two GKW employees to observe setup of each phase of traffic control devices. Day-to-day observation of field conditions to assure compliance with TCP plans will be performed by City staff and reported to GKW as needed.

Period of Performance

Work will proceed immediately upon notice to proceed (NTP) for this phase and schedule coordinated with team.

Compensation for the Work

Compensation for the items will be a total fee of \$ 2,584.30, to be invoiced monthly. Computation of fee is itemized on attached official worksheet with hours. If requested, additional services can be performed on an hourly basis plus expenses, rates pre-approved with City of San Antonio.

We appreciate the opportunity to work with you on this project. If you have any questions or need additional information, please let us know.

Yours truly,

A handwritten signature in black ink, appearing to read 'William J. White', is written over a horizontal line.

William J. White, P.E., P.T.O.E.
Senior Vice President

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast & Janda Susan Drainage, Phase 2, Construction Phase**
Prime Consultant: **Stantec**
Subconsultant: **GKW, Inc.**
Proposal Date: **5/19/2017**
Prepared By: **William White, PE, PTOE**

| | | | | | | | | | |
|--|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
| | Principal \$195.25 | Sr Project Manager \$143.49 | Sr Engineer \$135.07 | Design Engineer \$123.07 | EIT II Engineer \$78.95 | CAD Tech II \$41.80 | Clerical \$46.44 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 40% Design | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 01. Project Management and General Items | | | | | | | | | |
| 01.010. DSR Preparation / Scoping Meeting | | | | | | | | 0 | \$0.00 |
| 01.020. Complete Streets Assessment | | | | | | | | 0 | \$0.00 |
| 01.030. General Sheets - Index, Summaries / Quantities, Notes | | | | | | | | 0 | \$0.00 |
| 01.040. Design Review Meeting | | | | | | | | 0 | \$0.00 |
| 01.050. Prepare Meeting Minutes | | | | | | | | 0 | \$0.00 |
| 01.060. Project Schedule (Includes Construction) | | | | | | | | 0 | \$0.00 |
| | | | | | | | | | |
| 02. Right-of-Way Surveying and Mapping | | | | | | | | | |
| 02.010. Acquire Ownership Information | | | | | | | | | |
| 02.020. Secure Right-of-Entry | | | | | | | | | |
| 02.030. Survey ROW | | | | | | | | | |
| 02.030.010. Apparent ROW | | | | | | | | | |
| 02.030.020. Boundary Survey | | | | | | | | | |
| 02.040. Monument ROW | | | | | | | | | |
| 02.050. Prepare ROW Map | | | | | | | | | |
| 02.060. Plats and Field Notes | | | | | | | | | |
| 02.070. Flag or Set New Corners | | | | | | | | | |
| | | | | | | | | | |
| 03. Topographic Surveying / Base Mapping | | | | | | | | | |
| 03.010. Establish Primary Project Control | | | | | | | | | |
| 03.020. Establish Secondary Project Control | | | | | | | | | |
| 03.030. Set Project Centerline or Baseline (Interval ____) | | | | | | | | | |
| 03.040. Survey Topographic Features | | | | | | | | | |
| 03.050. Survey Cross Sections / Spot Elevations to Develop DTM / Cross Sections | | | | | | | | | |
| 3.050.010. To ROW Only | | | | | | | | | |
| 3.050.020. ____ FT Into Adjacent Property [everywhere] [where required] [where ROE can be secured] | | | | | | | | | |
| 03.060. Secure Utility Maps | | | | | | | | | |
| 03.070. Survey Quality Level C Locates | | | | | | | | | |
| 03.080. Tree Survey | | | | | | | | | |
| 03.090. Survey Bridges and Structures | | | | | | | | | |
| 03.100. Survey Ordinary High Water Mark (Coordinate with Environmental Division) | | | | | | | | | |
| 03.110. Develop Project Layout Sheet With Control Points | | | | | | | | | |
| 03.120. Stake Storm Drain Outfall Alignment (Coordinate with Environmental Division) | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast & Janda Susan Drainage, Phase 2, Construction Phase**
Prime Consultant: **Stantec**
Subconsultant: **GKW, Inc.**
Proposal Date: **5/19/2017**
Prepared By: **William White, PE, PTOE**

| | | | | | | | | | |
|--|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
| | Principal \$195.25 | Sr Project Manager \$143.49 | Sr Engineer \$135.07 | Design Engineer \$123.07 | EIT II Engineer \$78.95 | CAD Tech II \$41.80 | Clerical \$46.44 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 04. Roadway Design | | | | | | | | | |
| 04.010. Typical Sections - Existing and Proposed | | | | | | | | | |
| 04.020. Horizontal Roadway Alignments | | | | | | | | | |
| 04.030. Roadway Profiles | | | | | | | | | |
| 04.040. Street Cross Sections | | | | | | | | | |
| 04.050. Plan and Profile Sheets | | | | | | | | | |
| 04.070. Driveway Summary Sheet | | | | | | | | | |
| | | | | | | | | | |
| 05. Drainage Design | | | | | | | | | |
| 05.010. Establish Drainage Discharge | | | | | | | | | |
| 05.010.010. Drainage Area Map | | | | | | | | | |
| 05.010.020. Model Hydrology (Pre-Project and Post-Project) | | | | | | | | | |
| 05.010.030. Calculate Design Discharges | | | | | | | | | |
| 05.020. Design Storm Drain Facilities (Plan and Profile) | | | | | | | | | |
| 05.020.010. Roadways and Storm Drain System | | | | | | | | | |
| 05.020.020. Channels | | | | | | | | | |
| 05.020.030. Bridges / Bridge Class Culverts | | | | | | | | | |
| 05.020.040. Horizontal Channel Alignments | | | | | | | | | |
| 05.020.050. Channel Cross Sections | | | | | | | | | |
| 05.020.060. Culvert Excavation Cross Sections | | | | | | | | | |
| | | | | | | | | | |
| 06. Pavement Design and Geotech Engineering | | | | | | | | | |
| 06.010. Design Pavement Section(s) - DGM Appendix 10-A | | | | | | | | | |
| | | | | | | | | | |
| 07. Utility Coordination / Management | | | | | | | | | |
| 07.010. Utility Basemap | | | | | | | | | |
| 07.020. Utility Coordination (Section 5.0 of the DGM) | | | | | | | | | |
| 07.030. Incorporate Joint-Bid Utility Plans | | | | | | | | | |
| | | | | | | | | | |
| 08. Traffic Control Plan | | | | | | | | | |
| 08.010. Construction Phasing Typical Sections | | | | | | | | 0 | \$0.00 |
| 08.020. Construction Phasing and Sequence of Work | | | | | | | | 0 | \$0.00 |
| 08.030. Conceptual Construction Phasing Layouts | | | | | | | | 0 | \$0.00 |
| | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast & Janda Susan Drainage, Phase 2, Construction Phase**
Prime Consultant: **Stantec**
Subconsultant: **GKW, Inc.**
Proposal Date: **5/19/2017**
Prepared By: **William White, PE, PTOE**

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| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 09. Other Plans | | | | | | | | | |
| 09.010. Intersection Layouts | | | | | | | | | |
| 09.020. Bridge Layouts | | | | | | | | | |
| 09.030. Traffic Signal Plans | | | | | | | | | |
| 09.040. Illumination Plans | | | | | | | | | |
| 09.050. Pavement Marking and Signing Plan | | | | | | | | | |
| | | | | | | | | | |
| 10. Environmental and Regulatory Coordination | | | | | | | | | |
| 10.010. General Environmental Coordination | | | | | | | | | |
| | | | | | | | | | |
| 11. Cost Estimating | | | | | | | | | |
| 11.010. Prepare Cost Estimate | | | | | | | | | |
| | | | | | | | | | |
| 15. Communications | | | | | | | | | |
| 15.010. Scoping Public Meeting (Complete Streets) and Exhibits | | | | | | | | | |
| 15.020. Public Meeting and Exhibits | | | | | | | | | |
| 15.030. Stakeholder Meetings | | | | | | | | | |
| | | | | | | | | | |
| 70% Design | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 01. Project Management and General Items | | | | | | | | | |
| 01.030. General Sheets - Index, Summaries / Quantities, Notes | | | | | | | | | |
| 01.040. Design Review Meeting | | | | | | | | | |
| 01.050. Prepare Meeting Minutes | | | | | | | | | |
| 01.060. Project Schedule (Includes Construction) | | | | | | | | | |
| | | | | | | | | | |
| 03. Topographic Surveying / Base Mapping | | | | | | | | | |
| 03.130. Centerline / ROW Staking for Utility Relocation Prior to Project Bid | | | | | | | | | |
| | | | | | | | | | |
| 04. Roadway Design | | | | | | | | | |
| 04.010. Typical Sections - Existing and Proposed | | | | | | | | | |
| 04.020. Horizontal Roadway Alignments | | | | | | | | | |
| 04.030. Roadway Profiles | | | | | | | | | |
| 04.040. Street Cross Sections | | | | | | | | | |
| 04.050. Plan and Profile Sheets | | | | | | | | | |
| 04.060. Retaining Wall Plans (Greater Than 3 FT) | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast & Janda Susan Drainage, Phase 2, Construction Phase**
Prime Consultant: **Stantec**
Subconsultant: **GKW, Inc.**
Proposal Date: **5/19/2017**
Prepared By: **William White, PE, PTOE**

| | | | | | | | | | |
|--|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
| | Principal \$195.25 | Sr Project Manager \$143.49 | Sr Engineer \$135.07 | Design Engineer \$123.07 | EIT II Engineer \$78.95 | CAD Tech II \$41.80 | Clerical \$46.44 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 04.070. Driveway Summary Sheet | | | | | | | | | |
| | | | | | | | | | |
| 05. Drainage Design | | | | | | | | | |
| 05.020. Design Storm Drain Facilities (Plan and Profile) | | | | | | | | | |
| 05.020.010. Roadways and Storm Drain System | | | | | | | | | |
| 05.020.020. Channels | | | | | | | | | |
| 05.020.030. Bridges / Bridge Class Culverts | | | | | | | | | |
| 05.020.040. Horizontal Channel Alignments | | | | | | | | | |
| 05.020.050. Channel Cross Sections | | | | | | | | | |
| 05.020.060. Culvert Excavation Cross Sections | | | | | | | | | |
| | | | | | | | | | |
| 07. Utility Coordination / Management | | | | | | | | | |
| 07.010. Utility Basemap | | | | | | | | | |
| 07.020. Utility Coordination (Section 5.0 of the DGM) | | | | | | | | | |
| 07.030. Incorporate Joint-Bid Utility Plans | | | | | | | | | |
| | | | | | | | | | |
| 08. Traffic Control Plan | | | | | | | | | |
| 08.010. Construction Phasing Typical Sections | | | | | | | | 0 | \$0.00 |
| 08.020. Construction Phasing and Sequence of Work | | | | | | | | 0 | \$0.00 |
| 08.040. Construction Phasing Layouts | | | | | | | | 0 | \$0.00 |
| 08.050. Detour and Barricade Plans | | | | | | | | 0 | \$0.00 |
| 08.060. Temporary Traffic Signal Plans | | | | | | | | | |
| | | | | | | | | | |
| 09. Other Plans | | | | | | | | | |
| 09.010. Intersection Layouts | | | | | | | | | |
| 09.020. Bridge Layouts | | | | | | | | | |
| 09.030. Traffic Signal Plans | | | | | | | | | |
| 09.040. Illumination Plans | | | | | | | | | |
| 09.050. Pavement Marking and Signing Plan | | | | | | | | | |
| 09.060. SW3P Plan | | | | | | | | | |
| 09.060.010. SW3P Narrative | | | | | | | | | |
| 09.060.020. SW3P Layouts | | | | | | | | | |
| 09.070. Tree Preservation / Mitigation Plan | | | | | | | | | |
| 09.080. Landscaping Plans | | | | | | | | | |
| 09.090. Details and Specifications | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual
PROJECT WORK PLAN AND FEE PROPOSAL BREAKDOWN

Project: **Belfast & Janda Susan Drainage, Phase 2, Construction Phase**
Prime Consultant: **Stantec**
Subconsultant: **GKW, Inc.**
Proposal Date: **5/19/2017**
Prepared By: **William White, PE, PTOE**

| | | | | | | | | | |
|---|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
| | Principal \$195.25 | Sr Project Manager \$143.49 | Sr Engineer \$135.07 | Design Engineer \$123.07 | EIT II Engineer \$78.95 | CAD Tech II \$41.80 | Clerical \$46.44 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 09.090.010. Special Details | | | | | | | | | |
| 09.090.020. List of Governing Specifications | | | | | | | | | |
| 09.090.030. Special Provisions | | | | | | | | | |
| 09.090.040. Special Specifications | | | | | | | | | |
| | | | | | | | | | |
| 10. Environmental and Regulatory Coordination | | | | | | | | | |
| 10.010. General Environmental Coordination | | | | | | | | | |
| 10.020. WPAP | | | | | | | | | |
| 10.030. TXDOT Permits | | | | | | | | | |
| 10.040. RR Permits | | | | | | | | | |
| | | | | | | | | | |
| 11. Cost Estimating | | | | | | | | | |
| 11.010. Prepare Cost Estimate | | | | | | | | | |
| | | | | | | | | | |
| 15. Communications | | | | | | | | | |
| 15.020. Public Meeting and Exhibits | | | | | | | | | |
| 15.030. Stakeholder Meetings | | | | | | | | | |
| | | | | | | | | | |
| 95% Design | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 01. Project Management and General Items | | | | | | | | | |
| 01.030. General Sheets - Index, Summaries / Quantities, Notes | | | | | | | | | |
| 01.040. Design Review Meeting | | | | | | | | | |
| 01.050. Prepare Meeting Minutes | | | | | | | | | |
| 01.060. Project Schedule (Includes Construction) | | | | | | | | | |
| | | | | | | | | | |
| 04. Roadway Design | | | | | | | | | |
| 04.010. Typical Sections - Existing and Proposed | | | | | | | | | |
| 04.020. Horizontal Roadway Alignments | | | | | | | | | |
| 04.030. Roadway Profiles | | | | | | | | | |
| 04.040. Street Cross Sections | | | | | | | | | |
| 04.050. Plan and Profile Sheets | | | | | | | | | |
| 04.060. Retaining Wall Plans (Greater Than 3 FT) | | | | | | | | | |
| 04.070. Driveway Summary Sheet | | | | | | | | | |
| | | | | | | | | | |
| 05. Drainage Design | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

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Project: **Belfast & Janda Susan Drainage, Phase 2, Construction Phase**
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Prepared By: **William White, PE, PTOE**

| | | | | | | | | | |
|--|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
| | Principal \$195.25 | Sr Project Manager \$143.49 | Sr Engineer \$135.07 | Design Engineer \$123.07 | EIT II Engineer \$78.95 | CAD Tech II \$41.80 | Clerical \$46.44 | | |
| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 05.020. Design Storm Drain Facilities (Plan and Profile) | | | | | | | | | |
| 05.020.010. Roadways and Storm Drain System | | | | | | | | | |
| 05.020.020. Channels | | | | | | | | | |
| 05.020.030. Bridges / Bridge Class Culverts | | | | | | | | | |
| 05.020.040. Horizontal Channel Alignments | | | | | | | | | |
| 05.020.050. Channel Cross Sections | | | | | | | | | |
| 05.020.060. Culvert Excavation Cross Sections | | | | | | | | | |
| 05.030. Regulatory Coordination | | | | | | | | | |
| 05.030.010. Secure Floodplain Development Permit | | | | | | | | | |
| 05.030.020. Secure CLOMR | | | | | | | | | |
| | | | | | | | | | |
| 07. Utility Coordination / Management | | | | | | | | | |
| 07.010. Utility Basemap | | | | | | | | | |
| 07.020. Utility Coordination (Section 5.0 of the DGM) | | | | | | | | | |
| 07.030. Incorporate Joint-Bid Utility Plans | | | | | | | | | |
| | | | | | | | | | |
| 08. Traffic Control Plan | | | | | | | | | |
| 08.010. Construction Phasing Typical Sections | | | | | | | | 0 | \$0.00 |
| 08.020. Construction Phasing and Sequence of Work | | | | | | | | 0 | \$0.00 |
| 08.040. Construction Phasing Layouts | | | | | | | | 0 | \$0.00 |
| 08.050. Detour and Barricade Plans | | | | | | | | 0 | \$0.00 |
| 08.060. Temporary Traffic Signal Plans | | | | | | | | | |
| | | | | | | | | | |
| 09. Other Plans | | | | | | | | | |
| 09.010. Intersection Layouts | | | | | | | | | |
| 09.020. Bridge Layouts | | | | | | | | | |
| 09.030. Traffic Signal Plans | | | | | | | | | |
| 09.040. Illumination Plans | | | | | | | | | |
| 09.050. Pavement Marking and Signing Plan | | | | | | | | | |
| 09.060. SW3P Plan | | | | | | | | | |
| 09.060.010. SW3P Narrative | | | | | | | | | |
| 09.060.020. SW3P Layouts | | | | | | | | | |
| 09.070. Tree Preservation / Mitigation Plan | | | | | | | | | |
| 09.080. Landscaping Plans | | | | | | | | | |
| 09.090. Details and Specifications | | | | | | | | | |

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| | | | | | | | | | |
|---|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
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| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 09.090.010. Special Details | | | | | | | | | |
| 09.090.020. List of Governing Specifications | | | | | | | | | |
| 09.090.030. Special Provisions | | | | | | | | | |
| 09.090.040. Special Specifications | | | | | | | | | |
| | | | | | | | | | |
| 10. Environmental and Regulatory Coordination | | | | | | | | | |
| 10.010. General Environmental Coordination | | | | | | | | | |
| 10.020. WPAP | | | | | | | | | |
| 10.030. TXDOT Permits | | | | | | | | | |
| 10.040. RR Permits | | | | | | | | | |
| 10.050. TDLR Design Approval | | | | | | | | | |
| | | | | | | | | | |
| 11. Cost Estimating | | | | | | | | | |
| 11.010. Prepare Cost Estimate | | | | | | | | | |
| | | | | | | | | | |
| 15. Communications | | | | | | | | | |
| 15.030. Stakeholder Meetings | | | | | | | | | |
| | | | | | | | | | |
| Bid Phase | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 12. Bid Phase | | | | | | | | | |
| 12.010. Submit 100% Plans With All Joint-Bid Utilities | | | | | | | | | |
| 12.020. Final Project Specifications Book | | | | | | | | | |
| 12.030. Finalize Constructability Issues | | | | | | | | | |
| 12.040. Review Utility Conflict Report and Address Pending Items | | | | | | | | | |
| 12.050. Attend 100% Review Meeting | | | | | | | | | |
| 12.060. Assist the City in Preparing Advertising Documents | | | | | | | | | |
| 12.070. Distribute Plans and Specifications to Contractors and Plan Rooms | | | | | | | | | |
| 12.080. Attend Pre-Bid Meeting | | | | | | | | | |
| 12.090. Respond to Contractor Questions | | | | | | | | | |
| 12.100. Prepare and Distribute Necessary Addenda | | | | | | | | | |
| 12.110. Prepare Bid Tabulation and Letter of Recommendation | | | | | | | | | |
| | | | | | | | | | |
| Construction Phase | 0 | 2 | 8 | 4 | 8 | 0 | 2 | 24 | \$2,584.30 |
| 13. Construction Management | | | | | | | | | |

City of San Antonio - Capital Improvements Management Services Department

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Project: Belfast & Janda Susan Drainage, Phase 2, Construction Phase
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| | | | | | | | | | |
|--|-----------------------|-----------------------------------|-------------------------|--------------------------------|----------------------------|------------------------|---------------------|------------|---------------------|
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| TASK CODE AND DESCRIPTION | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | HOURS | TASK HOURS | TASK / PHASE FEE |
| | | | | | | | | | |
| 13.010. Reestablish Project Control Points for Contractor Prior to Construction | | | | | | | | 0 | \$0.00 |
| 13.020. Review Contractor Pay Estimates | | | | | | | | 0 | \$0.00 |
| 13.030. Review / Negotiate Change Orders | | | | | | | | 0 | \$0.00 |
| 13.040. Review Shop Drawings | | | | | | | | 0 | \$0.00 |
| 13.050. Respond to RFI's | | 2 | 8 | | 8 | | 2 | 20 | \$2,092.02 |
| 13.060. Project Site Visits and Reports (Minimum Two Per Month) | | | | 4 | | | | 4 | \$492.28 |
| 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 | | | | | | | | 0 | \$0.00 |
| 13.090. TDLR Inspection | | | | | | | | 0 | \$0.00 |
| | | | | | | | | | |
| 15. Communications | | | | | | | | | |
| 15.020. Public Meeting and Exhibits | | | | | | | | | |
| 15.030. Stakeholder Meetings | | | | | | | | | |
| | | | | | | | | | |
| Project Closeout | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | \$0.00 |
| 05. Drainage Design | | | | | | | | | |
| 05.030. Regulatory Coordination | | | | | | | | | |
| 05.030.030. Secure LOMR | | | | | | | | | |
| | | | | | | | | | |
| 14. Project Closeout | | | | | | | | | |
| 14.010. Prepare Record Drawings | | | | | | | | | |
| 14.020. Final Warranty Inspection | | | | | | | | | |
| TOTAL BASE FEE WITH HOUR BREAKDOWN | 0 | 2 | 8 | 4 | 8 | 0 | 2 | 24 | \$2,584.30 |

Additional Services

List additional services as scoped. Examples include Geotech and SUE.