

AN ORDINANCE 2018-04-05-0216

AUTHORIZING AN AMENDMENT IN AN AMOUNT NOT TO EXCEED \$68,698.30 TO AN ENGINEERING DESIGN SERVICES AGREEMENT WITH STANTEC CONSULTING SERVICES, INC. FOR CONSTRUCTION AND PROJECT CLOSEOUT SERVICES FOR THE BELFAST DRIVE & JANDA SUSAN ROAD AREA PHASE 2 PROJECT, A 2017 BOND FUNDED PROJECT, LOCATED IN COUNCIL DISTRICT 1.

* * * * *

WHEREAS, in October 2012, the City executed a Professional Services Agreement ("Agreement") with Bury + Partners-SA, Inc., which has since been acquired by Stantec Consulting Services, Inc., in an amount not to exceed \$631,742.18; and

WHEREAS, this ordinance adds construction and project closeout services for Phase 2 of the Belfast Drive & Janda Susan Road Area Project as a continuation of services Stantec provided in the 2012 Bond Project for Belfast and Janda Susan Phase 1; and

WHEREAS, it is necessary to amend the Agreement accordingly and authorize the execution of such an amendment; **NOW THEREFORE**,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. The terms and conditions of an amendment to the Professional Services Agreement with Stantec Consulting Services, Inc. in the amount not-to-exceed \$68,698.30 for the construction and project closeout services for the Belfast Drive & Janda Susan Road Area Phase 2 project are hereby approved. The City Manager or her designee is authorized to execute the amendment, a copy of which in substantially final form is attached as **Exhibit I**.

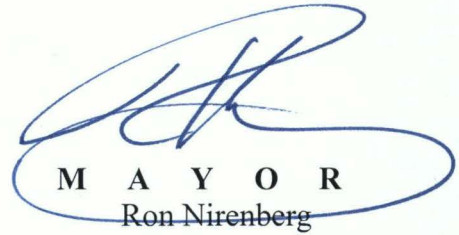
SECTION 2. A Payment in an amount not to exceed \$68,698.30 in SAP Fund 45099000, General Obligation Capital Projects, SAP Project Definition 40-00324, Belfast & Janda Susan Area Drainage, is authorized to be encumber made payable to Stantec Consulting Services, Inc. (Stantec), for engineering design services. Payment is limited to the amounts budgeted in the Operating and/or Capital Budget funding sources identified. All expenditures will comply with approved operating and/or capital budgets for current and future fiscal years.

SECTION 3. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance, may, subject to concurrence by the City Manager or the City Manager's designee, correct allocations to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

SECTION 4. This Ordinance shall be effective immediately upon the receipt of eight affirmative votes; otherwise, it is effective ten days after passage.

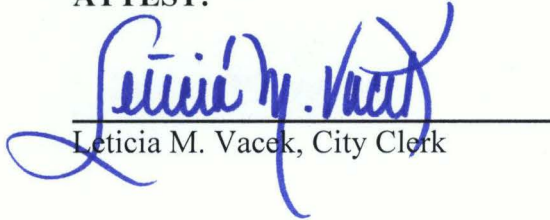
KRH
04/05/18
Item No. 9B

PASSED and APPROVED this 5th day of April, 2018.



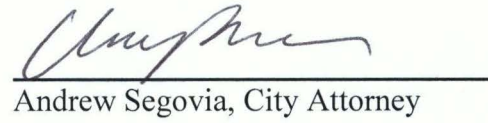
M A Y O R
Ron Nirenberg

ATTEST:



Leticia M. Vacek, City Clerk

APPROVED AS TO FORM:



Andrew Segovia, City Attorney

Agenda Item:	9B (in consent vote: 5, 6, 7, 8, 9A, 9B, 11, 12, 13, 14, 15, 16A, 16B, 16C, 16D, 16E)						
Date:	04/05/2018						
Time:	10:04:36 AM						
Vote Type:	Motion to Approve						
Description:	Ordinance approving an amendment to the Engineering Design Services Agreement with Stantec Consulting Services, Inc. in an amount not to exceed \$68,698.30, to provide construction and project closeout services.						
Result:	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Ron Nirenberg	Mayor		x				
Roberto C. Treviño	District 1		x			x	
William Cruz Shaw	District 2		x				x
Rebecca Viagran	District 3		x				
Rey Saldaña	District 4		x				
Shirley Gonzales	District 5		x				
Greg Brockhouse	District 6		x				
Ana E. Sandoval	District 7		x				
Manny Pelaez	District 8		x				
John Courage	District 9		x				
Clayton H. Perry	District 10		x				

KRH
04/05/18
Item No. 9B

EXHIBIT I

**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 here by 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

Jason M. Nelson
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 / PHASE HOURS 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										

City of San Antonio - Capital Improvements Management Services Department

Design Guidance Manual

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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											
10.060. 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

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 Subconsultant:
 Proposal Date: 5/19/2017
 Prepared By: Chris Reed, EIT

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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
45.030: 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

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 Proposal Date: **5/19/2017**
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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**
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 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

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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									

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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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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									

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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.