



November 20, 2024

James Wucinski, P.E.  
Project Manager  
City of San Antonio (COSA)  
114 W. Commerce  
San Antonio, Texas 78205

Re: Hays St Bridge Connections and Eastside Area Streets Projects 2022-2027 Bond  
**Work Order No. 24.2 – Approval of PFS**  
SAWS Water Job No. 23-5068  
SAWS Sewer Job No. 23-5565

Dear Mr. Wucinski,

WGI Inc.'s proposal dated November 13, 2024 (Hays St Bridge Connections), a copy of which is attached, for additional PFS efforts of performing the necessary adjustment of approximately 1,750 LF of existing 12" AC and 88 LF of existing 8" AC water lines along Austin St. from E. Jones Ave. to Brooklyn Ave. as a result of the conflict created by proposed silva cells for the above referenced project has been approved and accepted. Payment will be made per Section 2 – Method of Payment under the compensation for Professional Services section of attachment 5. Please forward a copy of the approved design schedule for our records.

The following is a breakdown of the fee:

**Basic Engineering Services (Hays St Bridge Connections):**

Design Phase	\$ Water Fee	\$ Sewer Fee	\$ Total Fee	Days
Additional Service (Potholes Requested – 4 at \$3,000.00)	12,000.00	0.00	12,000.00	-
40% Design Phase	0.00	0.00	0.00	-
70% Design Phase	0.00	0.00	0.00	-
95% Design Phase	56,330.00	0.00	56,330.00	151*
Bid Design Phase	4,670.00	0.00	4,670.00	60*
Construction	13,720.00	0.00	13,720.00	540*
Close Out	6,460.00	0.00	6,460.00	30*
<b>TOTAL</b>	<b>93,180.00</b>	<b>0.00</b>	<b>93,180.00</b>	<b>1,136*</b>

**Additional Engineering Services: Potholes Requested (4 at \$3,000)**


\* Days remained the same per SAWS Work Order No. 24.0 and SAWS Work Order No. 24.1 design efforts and are assumed remain in conjunction with CoSA and their schedules

It is understood that the fee as approved provides for all engineering services outlined in the SAWS Scope of Services, Attachment 5, to the City of San Antonio engineering contract, whether individually stated in the fee proposal or not. It is our understanding that the initial survey required for the design of SAWS facilities, as defined under the Base Mapping section of the Design Guidance Manual, has been included in the City's proposal. It is further understood that the design of SAWS facilities will be done in conformance with the requirements in the Design Guidance Manual.

The City is hereby requested to give the City's Consultant authorization to proceed with these services on SAWS facilities in conjunction with the city schedule. Payment for reimbursement of design services will be made upon execution of the MOU or upon completion of design services in the event that an agreement of the MOU is not reached.

Should additional information be required, please contact me at (210) 233-3919, or Cristian Cavazos, P.E. at (210) 233-3370.

Sincerely,



c/o

Sirahuen Guajardo, Jr., P.E.  
Project Engineer II - Pipelines

Attachment  
Copy of Proposal

Cc: Sean Reich, P.E., PMP Engineering Programs Manager – CoSA  
Mariano Martino, P.E., Senior Engineer/Project Manager – CoSA  
Cristina Brantley, P.E., Director - SAWS  
Herminia C. Bittle, P.E., Manager- SAWS  
Cristian Cavazos, P.E., Project Engineer I – SAWS  
Adrian Garcia, P.E. – WGI, Inc.  
Jeremy Doege, P.E. – WGI, Inc.  
File



November 13, 2024

Sirahuen Guajardo, P.E.  
San Antonio Water Systems (SAWS)  
2800 US Hwy 281 North, Tower 2  
San Antonio, TX 78212  
(210) 233-3694  
Sirahuen.Guajardojr@saws.org

Re: **Hays St Bridge Connections**  
**Additional Scope and Fee**  
**2022-2027 COSA Bond Program**  
**SAWS Water Job No. 23-5068**  
**SAWS Sewer Job No. 23-5565**  
**SAWS CPMS Pro-12228**

Dear Mr. Guajardo:

WGI is pleased to provide this proposal to SAWS for professional services associated with design for additional segment as part of the above referenced project. Our scope of services and corresponding fees are detailed below.

#### **GENERAL PROJECT DESCRIPTION**

During the design process, it was communicated that Silva cells were being installed within the sidewalk shared-use path along Austin St. from E. Jones Ave. to Brooklyn Ave. to support tree growth. The proposed Silva cells were found to be in close proximity to the 12" waterline on Austin St and could create a conflict in the future when attempting to access this line. To address this conflict, SAWS has proposed realigning the existing water line. As a result, the water design plan set will need to progress through the design, bid, construction, and closeout phases.

<b>Austin Street (Joint Bid Project Areas)</b>			
<b>ROW</b>	<b>From</b>	<b>To</b>	<b>Scope</b>
Austin St.	E. Jones Ave.	Brooklyn Ave.	Surface Adjustments Water Main – replace approximately 1,750 LF of 12" AC (1978), approximately 88 LF of 8" AC (1978)

As part of the design for the new water main realignment, we are requesting additional funds to support the subsurface utility engineering (SUE) work needed for the extended design scope. This work will be conducted by The Rios Group for the 95% design phase.



We will utilize the following team to provide the Professional Services noted for this project:

- **WGI** – Project manager, coordination with SAWS, Engineering design, construction plan development, agency coordination, conflict resolution, prepare quantities, CPMS, QAQC reviews, bid, construction, and closeout phase services.

### **PROPOSED SCHEDULE**

This realignment will require close coordination between the design team and SAWS to ensure the new water alignment minimizes future disruptions to the shared-use path and surrounding improvements. Additionally, this adjustment could affect project timelines. Ongoing communication with SAWS and CoSA will be essential to manage expectations and minimize potential delays. Therefore, the first submittal will be at the 95% Design Phase in which the efforts from the 40-70% Design Phases have been combined into the 95% Design Phase. This detail is further displayed in the fee break-out per the phases below.

### **FEE SCHEDULE TIED TO PROPOSED PROJECT DELIVERABLES**

For each phase of the project, the fee schedule will follow the SAWS contract guidelines. The following table indicates the fee (WGI and subconsultants) and is shown in more detail in the following attachments.

Distribution of Total PFS	Activity	Fee
0.0%	40% Design Phase	\$0.00
0.0%	70% Design Phase	\$0.00
69.4%	95% Design Phase	\$56,330.00
5.8%	Bid Phase	\$4,670.00
16.9%	Construction Phase	\$13,720.00
8%	Close Out Phase	\$6,460.00
Supplemental Services - Potholes Requested (4 at \$3,000)		\$12,000.00
<b>BASE FEE TOTAL</b>		<b>\$93,180</b>



APPROVED

NOV. 18, 2024

The proposed lump sum fee for the base scope of services is **\$93,180**.

We look forward to working with you and your team on this project and we hope this information is sufficient for your needs and meets with your approval. Please contact me at 210-860-9224 if you have any questions or comments and thank you for the opportunity to provide professional design services for SAWS.



Respectfully submitted,  
**WGI, Inc.**

Adrian Garcia, PE  
Project Manager

Cc: James C. Wucinski, PE (COSA – PWD)  
Mariano Martino, PE (CoSA – PWD)  
Sean Reich, PE (CoSA – PWD)  
Jeremy Doege, PE (WGI)  
Nina Bittle, PE (SAWS)  
Cristian Cavazos, PE (SAWS)  
Alexander Manjarres, PE (SAWS)

Attachments:

Attachment A - Fee Proposal & Hourly Breakdown  
Attachment B – Preliminary OPCC

## Attachment A

### Fee Proposal & Hourly Breakdown

# FEE ESTIMATE FOR SAWS WORK

ITEM NO.	TASK	No. Sheets	Principal	Project Manager	Project Engineer	EIT III	Designer	Clerical/ Admin	Task Budget
	Hays Street Bridge Connection (CoSA 23-04053)								
	SAWS Austin St. Water Adjustment (SAWS Job No. 23-5068)								
	11/13/2024		\$ 240.00	\$ 200.00	\$ 170.00	\$ 130.00	\$ 115.00	\$ 80.00	
	Adrian Garcia (WGI)								
	<b>TASK</b>								
	<b>40% Design Phase</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
	<b>2. Water Design - 40% Design Phase</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
1.1w	Meetings - Not Covered by Section 5.0 of DGM								\$ -
1.2w	Gather and Review Record Drawings, Block Map, & CCTV from SAWS								\$ -
1.3w	Develop Plan & Profile sheets for 1" = 40' (H), 1" = 5' (V)								\$ -
1.4w	Update Index of Sheets, and Gen Notes								\$ -
1.5w	Calculate Quantity Table Per Sheet								\$ -
1.6w	Perform 40% Internal QA/QC, Review for Intent of QMP, Submit Review Documents, & Prepare SAWS QA/QC Form								\$ -
	<b>70% Design Phase</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
	<b>2. Water Design - 70% Design Phase</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
1.1w	Meetings - Not Covered by Section 5.0 of DGM								\$ -
1.2w	Update Plan & Profile sheets for 1" = 40' (H), 1" = 5' (V)								\$ -
1.3w	Update Quantity Table Per Sheet								\$ -
1.4w	Update 70% Cost Estimate								\$ -
1.5w	Prepare By-Pass Layout Sheet								\$ -
1.6 s	Review Construction Phasing Plan								\$ -
1.7w	Perform 70% Internal QA/QC, Review for Intent of QMP, Submit Review Documents, & Prepare SAWS QA/QC Form								\$ -
	<b>95% Design Phase</b>	<b>5</b>	<b>10</b>	<b>56</b>	<b>80</b>	<b>110</b>	<b>122</b>	<b>10</b>	<b>\$ 56,330.00</b>
	<b>1. Water Design - 95% Design Phase</b>	<b>5</b>	<b>10</b>	<b>56</b>	<b>80</b>	<b>110</b>	<b>122</b>	<b>10</b>	<b>\$ 56,330.00</b>
1.1w	Meetings - Not Covered by Section 5.0 of DGM			4	4	4			\$ 2,000.00
1.2w	Finalize Plan Sheets for 1" = 40' (H)	5		20	32	40	64		\$ 22,000.00
1.3w	Finalize Quantity Table Per Sheet			4	4	8	12		\$ 3,900.00
1.4w	Finalize 95% Cost Estimate		2	4	4	8			\$ 3,000.00
1.5w	Temporary Water Main Analysis			2	2	8			\$ 1,780.00
1.6w	Prepare Utility Details (Crossings)			4	8	12	16		\$ 5,560.00
1.7w	Review TCP & Construction Phasing Plan			2	4	8	2		\$ 2,350.00
1.8w	Walk Job Site With SAWS Engineer			2	2	2			\$ 1,000.00
1.9w	Perform 95% Internal QA/QC, Review for Intent of QMP, Submit Review Documents, & Prepare SAWS QA/QC Form		8	8	8	4		4	\$ 5,720.00
2.0w	Prepare submittal (SAWS)			2	4	8	16	2	\$ 4,120.00
2.1w	Prepare re-submittal and address comments (COSA)			4	8	8	12	4	\$ 4,900.00

# FEE ESTIMATE FOR SAWS WORK

ITEM NO.	TASK	No. Sheets	Principal	Project Manager	Project Engineer	EIT III	Designer	Clerical/ Admin	Task Budget
	Hays Street Bridge Connection (CoSA 23-04053)								
	SAWS Austin St. Water Adjustment (SAWS 23-04053 Job No. 23-5068)								
	11/13/2024								
	Adrian Garcia (WGI)								
	<b>TASK</b>	<b>HOURS</b>							<b>TOTAL</b>
	<b>Bid Phase</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>\$ 4,670.00</b>
	<b>1. Water Design - Bid Phase</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>\$ 4,670.00</b>
1.1w	Prepare 100% submittal			2	2	2			\$ 1,000.00
1.2w	Prepare Sealed Plans & Specifications			2	3	3	2		\$ 1,530.00
1.3w	Perform 100% Internal QA/QC, Review for Intent of QMP, & Submit Review Documents		2	2	2	1		2	\$ 1,510.00
1.4w	Prepare Addendums			0.5	0.5	1			\$ 315.00
1.5w	Review SAWS portion of bid tabulation			0.5	0.5	1			\$ 315.00
	<b>Construction Phase</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>34</b>	<b>36</b>	<b>4</b>	<b>0</b>	<b>\$ 13,720.00</b>
	<b>1. Water Design - Construction Phase</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>34</b>	<b>36</b>	<b>4</b>	<b>0</b>	<b>\$ 13,720.00</b>
1.1w	Site Visits (Two per Month) & Prepare Report			4	16	16			\$ 5,600.00
1.2w	Redline/Quantity Review - One per month			4	10	12	4		\$ 4,520.00
1.3w	Review Material Submittals			2	2	4			\$ 1,260.00
1.4w	Address RFI and Change Orders			2	4	4			\$ 1,600.00
1.5w	Final Walk Through			2	2				\$ 740.00
	<b>Close Out Phase</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>0</b>	<b>\$ 6,460.00</b>
	<b>1. Water Design - Close Out Phase</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>12</b>	<b>28</b>	<b>0</b>	<b>\$ 6,460.00</b>
1.1w	Prepare Record Drawings			3	2	6	24		\$ 4,480.00
1.2w	Address SAWS Comments			2	2	4	4		\$ 1,720.00
1.3 s	Finalize Change of Service Form					2			\$ 260.00
	<b>Supplemental Services</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ 12,000.00</b>
1	Potholes Requested by SAWS (\$3,000 per Each Pothole and 4 Anticipated)								\$ 12,000.00
	<b>WATER SUB-TOTAL</b>		<b>12</b>	<b>82</b>	<b>126</b>	<b>166</b>	<b>156</b>	<b>12</b>	<b>\$ 81,180.00</b>
	<b>SUPPLEMENTAL SERVICES SUB-TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ 12,000.00</b>
	<b>TOTAL FOR ENGINEERING FEE SAWS</b>		<b>12</b>	<b>82</b>	<b>126</b>	<b>166</b>	<b>156</b>	<b>12</b>	<b>\$ 93,180.00</b>



Attachment B

Preliminary OPCC

CLIENT:	CITY OF SAN ANTONIO	DATE:	11/13/2024
PROJECT:	AUSTIN ST WATER MAIN REPLACEMENT	PREPARED BY:	CV
PROJECT NO.:	23-04053-06	CHECKED BY:	AG

TITLE:	HAYS ST BRIDGE CONNECTIONS - AUSTIN ST WATER IMPROVEMENTS (REALIGNMENT)	SHEET:	1 OF 1
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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST	ITEM COST
413	FLOWABLE BACKFILL	CY	5	\$ 300	\$ 1,500
550.1	TRENCH EXCAVATION SAFETY PROTECTION	LF	1915	\$ 5	\$ 9,600
815	8" HDPE PIPE (DR-11) (DIPS)	LF	80	\$ 130	\$ 10,400
815	12" HDPE PIPE (DR-11) (DIPS)	LF	1835	\$ 150	\$ 275,300
815	RELAY 3/4" LONG SERVICE	EA	4	\$ 2,500	\$ 10,000
815	RELAY 1" LONG SERVICE	EA	8	\$ 3,200	\$ 25,600
824.5	CUSTOMER SHUT-OFF VALVE	EA	12	\$ 450	\$ 5,400
828	GATE VALVE AND BOX (COMPLETE) (12")	EA	7	\$ 6,000	\$ 42,000
833	EXISTING METER AND NEW METER BOX RELOCATION	EA	12	\$ 250	\$ 3,000
834	FIRE HYDRANT	EA	2	\$ 7,500	\$ 15,000
836	PIPE FITTINGS, ALL SIZES & TYPES	TON	1	\$ 12,000	\$ 12,000
840	8" WATER TIE-IN	EA	2	\$ 8,000	\$ 16,000
840	12" WATER TIE-IN	EA	3	\$ 10,000	\$ 30,000
841	HYDROSTATIC TESTING	EA	2	\$ 3,000	\$ 6,000
844	2" TEMPORARY BLOW-OFF ASSEMBLY	EA	5	\$ 2,500	\$ 12,500
1020	WATER MAIN BREAK/LEAK REPAIR	EA	1	\$ 5,500	\$ 5,500
3000	HANDLING ASBESTOS CEMENT PIPE	LF	130	\$ 50	\$ 6,500
100	MOBILIZATION (10% MAXIMUM)	LS	1	10%	\$ 49,000
101	PREPARATION OF RIGHT-OF-WAY (5% MAXIMUM)	LS	1	5%	\$ 25,000
<b>TOTAL</b>					<b>\$ 561,000.00</b>

- ☒ No Design Completed  
☒ Preliminary Design  
☐ Final Design

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.