

J-U-B ENGINEERS, Inc. AGREEMENT FOR PROFESSIONAL SERVICES

Authorization for Additional Services

CLIENT:	Santaquin City
Project Name:	Santaquin Main Street Widening - 300 East to 600 West
J-U-B Project Number:	50-21-017

 Additional Services. The following additional items of work on the project referenced above have been or will be provided by J-U-B ENGINEERS, Inc. (J-U-B). These Additional Services are a supplement to the scope of services contained in J-U-B's existing Agreement for Professional Services for this Project, dated July 5, 2006. All other TERMS AND CONDITIONS of said Agreement remain in full force and effect.

As part of the Main Street Widening Project, the following additional services have been requested by the City. Additionally, a modification to the billing rates on the contract is included:

- 1. Under Task 005 (90% Design)
- a. Under Subtask 026 (90% design activities related to water line replacement.
- i. 007 Addition: Prepare waterline design as and additive bid item including additional/modified quantities, plan sheets, bid schedule, and measurement and payment documents for bidding.
 - b. Subtask 028 Addition: Design activities related to traffic signal bid package
- i. 001 Prepare traffic signal design as a separate bid package to be bid at a later date.
- ii, 002 Add underground and at grade design to layout and bid package to accommodate futuer signal bid and installation.
- 3. Under General Project
- a. Increase contract amount to address contracted rate adjustment for remaining contract.
 - i. Includes original contract amount and Mod 1.
 - ii. It is accomplished by adding a fixed dollar amount to tasks 005, 006, and 007.
- b. Assumptions
 - i. Mod 2 was developed using the updated rates.
- Verbal Authorization by CLIENT, if Applicable. J-U-B was verbally authorized by the CLIENT to provide these Additional Services by:

Name Date

Payment for Additional Services. Unless otherwise noted below, J-U-B will provide these Additional Services on a time and
materials basis, using J-U-B's standard billing rates or, if applicable, the billing rates established in the initial Agreement for
Professional Services.

Other Basis for Payment:

The cost of the additional services is estimated to be as shown in the attached Exhibit A: Work Breakdown Structure and summarized below. The same provisions regarding payment apply to this additional work as exist in the Main Street Widening Project agreement.

Task 005, Subtask 026: \$10,500 Task 005, Subtask 028: \$6,200

Project adjustment: \$45,000

Total: \$61,700

SUMMARY OF COSTS

Original Authorized Work Subtotal: \$757,820 + Original Authorized Contingency: \$91,000

= Total: \$848,820

Original Authorized Work Subtotal: \$757,820

- + Additional Authorized Work in Mod 1 from Contingency: \$44,691
- + Additional Authroized Work in Mod 2 from Contingency: \$46,309
- + Additional Authorized Work in Mod 2 from Additional Funding: \$2,116
- + Additional Authroized Work in Mod 3 from Additinoal Funding: \$61,700
- = New Authorized Work Subtotal: \$912,636
- + Remaining Contingency: \$0

See attached Exhibit B: Anticipated Schedule Dated this day of April, 2022, CLIENT J-U-B ENGINEERS, Inc. By: Project Representative or Authorized Signatory for CLIENT Project Representative or Authorized Signatory for CLIENT	al Agreement
CLIENT J-U-B ENGINEERS, Inc. By: By: Project Representative or Authorized Signatory for Project Representative or Authorized Signatory	
By: Project Representative or Authorized Signatory for By: Project Representative or Authorized Signatory for Project Representative or Authorized Signatory for	
By: Project Representative or Authorized Signatory for By: Project Representative or Authorized Signatory for Project Representative or Authorized Signatory for	
Project Representative or Authorized Signatory for Project Representative or Authorized Signatory	
Project Representative or Authorized Signatory for Project Representative or Authorized Signatory	
	ory for J-U-B
Dan Olson, MayorJason Jones, Area ManagerPrint or Type Name and TitlePrint or Type Name and Title	

EXHIBIT 1-X: WORK BREAKDOWN STRUCTURE

BASIS OF FEE ESTIMATE







U·B ENGINEERS, INC

J-U-B FAMILY OF COMPANIES

Project Title, Client:
Project Number:
Prepared By:

Santaquin Main Street Widening - 300 East to 600 West, Santaquin City 50-21-017
Jason Jones

			Jones, Jason	Christensen, Mark	Friant, Craig	Steigers, Chase	Gore, Matthew	Budge, Jonathan	Hernandez, Marcos		
Task Number	Subtask Number	Task/Subtask Name / Activity Description	Project Manager	Quality Manager	Project Engineer	Utility & Drainage Engineer	Designer	Signal Engineer	Roadway Engineer	J-U-B Expenses	Total Compensation
005		Prepare 90% Design	5	3	11	16	42	4	22	\$34,200	\$50,900
005	026	Addition: 90% design activities related to water line replacement	5	2	10	16	30				\$10,500
		007) Prepare water line design as additive bid	5	2	10	16	30				\$10,500
005	028	Addition: Design activities related to traffic signal bid package		1	1		12	4	22		\$6,200
		001) Prepare traffic signal design as separate bid package			1		8	3	14		\$4,030
		002) Add underground and at-grade design to bid package		1			4	1	8		\$2,170
005	029	Addition: Contract Rate Adjustment								\$34,200	\$34,200
006		Prepare Advertising Package								\$9,000	\$9,000
006	012	Addition: Contract Rate Adjustment								\$9,000	\$9,000
007		Assistance During Bidding								\$1,800	\$1,800
007	010	Addition: Contract Rate Adjustment								\$1,800	\$1,800
Total Hours		5	3	11	16	42	4	22			
Т	otal Costs		\$1,050	\$660	\$2,310	\$2,560	\$6,090	\$840	\$3,190	\$45,000	\$61,700

Mark

Matt

Marcos/Jonny Chase

Jason W/Jenna/Dianne



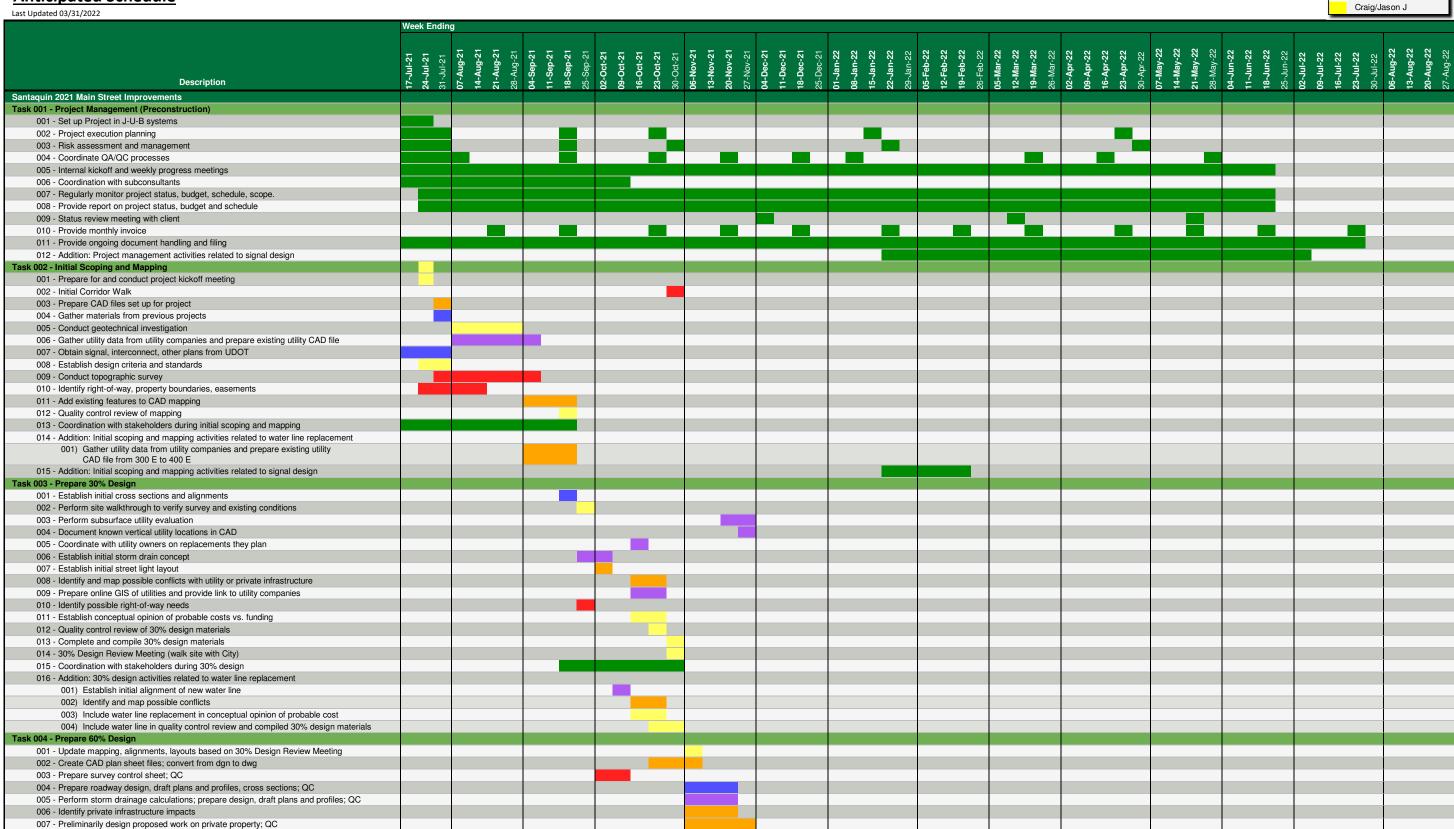




J-U-B FAMILY OF COMPANIES

Santaquin 2021 Main Street Improvements

Anticipated Schedule



	Week Ending															
	5 5 5 5	2 2 2 2	2 2 2	2 2 2 2	2 . 2. 5.	ភ ភ ភ ភ	2 2 2 3	25 62 26 62 62	5 5 5	22 22 25 25 25	2 2 2 2	25	2 2 2 2 2	5 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 2 2 2 2	25 25 25 25 25 25 25 25 25 25 25 25 25 25 25 25
Description	7-Jul-2 4-Jul-2	7-Aug- 4-Aug- 1-Aug-	4-Sep-	5-Sep- 2-Oct-: 9-Oct-:	3-0ct-21	3-Nov-	4-Dec-	-Dec- 1-Jan-1	5-Jan- ; 9-Jan-;	2-Feb-	5-Mar- 2-Mar- 9-Mar-	26-Mar-22 02-Apr-22 09-Apr-22 16-Apr-22 23-Apr-22	7-May- 7-May- 1-May-	4-Jun-1	9-Jun-9 9-Jul-2 8-Jul-2 8-Jul-2	5-Jul-2 5-Aug- 3-Aug- 7-Aug-
008 - Field review with City of proposed work on private properties	<u>`</u> 6 ⊕	5 ÷ 6 8	0	6 6 6	- N R	N	0 0		10 10 T	8 = = 6	1 8 7 7	8 5 6 6	5 5 6 6	1 0 + + 0	8 7 8 8 7	8 6 7 8 8
009 - Modify preliminary design of private property work per review comments; QC																
010 - Prepare draft plans showing work on private property; QC																
011 - Discuss and address private property impacts with owners																
012 - Negotiate compensation to property owners/residents (by City)							_									
013 - Prepare descriptions for purchase of necessary right-of-way; QC 014 - Prepare utility design and draft plans; QC																
015 - Prepare street lighting design and draft plans; QC																
016 - Prepare power undergrounding design and draft plans; QC																
017 - Prepare user power meter/panel changes design and draft plans; QC																
018 - Prepare planting design and draft plans; QC																
019 - Prepare irrigation design and draft plans; QC 020 - Prepare roadway signing and striping design and draft plans; QC																
021 - Prepare removal and relocation draft plans; QC						_										
022 - Add planned utility replacements by others to design files; QC																
023 - Site walkthrough with utility companies to review relocation needs																
024 - Identify major bid items and approximate quantities; QC																
025 - Establish preliminary opinion of probable costs vs. funding; QC 026 - Quality control review of 60% design materials																
026 - Quality control review of 60% design materials 027 - Complete and compile 60% design materials																
028 - 60% Design Review Meeting with City, UDOT																
029 - Coordination with stakeholders during 60% design																
030 - Addition: 60% design activities related to water line replacement																
001) Update mapping, alignments, layouts based on 30% Design Review Meeting																
002) Create additional CAD plan sheets (300 E to 400 E); convert from dgn to dwg																
003) Prepare water line design and include in draft utility plans; QC 004) Additional subsurface utility investigation potholing (5 holes)																
005) Identify major water line item quantities; QC																
006) Include water line items in preliminary opinion of probable cost; QC																
007) Include water line in QC review, compiled 60% design materials, and review mtg																
031 - Addition: 60% design activities related to signal design																
Task 005 - Prepare 90% Design 001 - Update designs and draft plans based on 60% Design Review Meeting				_									_		_	
002 - Complete general sheets; QC																
003 - Complete roadway plan and profile sheets, details, specs; QC																
004 - Complete storm water and utility plans, details, specs; QC																
005 - Complete street lighting and power plans, details, specs; QC																
006 - Modify design of private property work to address owner concerns; QC 007 - Complete plans showing work on private property, details, specs; QC																
008 - Prepare opinion of probable costs of work on private property												_				
009 - Prepare permits to enter and construct on private properties; QC																
010 - Prepare easement descriptions; QC																
011 - Obtain owner signatures on permits to enter and construct																
012 - Complete planting plans, details, specs; QC																
013 - Complete irrigation plans, details, specs; QC 014 - Complete roadway signing and striping plans, details, specs; QC												_				
015 - Complete removal and relocation plans, details, specs; QC																
016 - Compile needed Santaquin and UDOT standard drawings; QC																
017 - Identify bid items and perform quantity takeoff by block; QC																
018 - Prepare spreadsheet to assist contractors in preparing bids; QC																
019 - Prepare general requirements and M&P portions of specifications; QC																
020 - Prepare contract documents; QC 021 - Establish opinion of probable costs vs. funding; QC																
022 - Quality control review of 90% design materials																
023 - Complete and compile 90% design materials																
024 - 90% Design Review Meeting with City, UDOT																
025 - Coordination with stakeholders during 90% design																
026 - Addition: 90% design activities related to water line replacement 001) Update designs and draft plans based on 60% Design Review Meeting																
002) Include water line in completion of storm water and utility plans, details, specs; QC																
003) Identify water line bid items and perform quantity takeoff by block; QC																
004) Include water line items in M&P portion of specifications; QC																
005) Include water line items in opinion of probable cost; QC																
006) Include water line in QC review, compiles 90% design materials, and review mtg																
007) Prepare water line design as additive bid 027 - Addition: 90% design activities related to signal design																
028 - Addition: Design activities related to traffic signal bid package																
001) Prepare traffic signal design as separate bid package																
002) Add underground and at-grade design to bid package																
290 - Addition: Contract Rate Adjustment																

	Week Ending														
Description			04-Sep-21 11-Sep-21 18-Sep-21	02-0et-21 09-0et-21 16-0et-21 23-0et-21	06-Nov-21 13-Nov-21 20-Nov-21 27-Nov-21	04-Dec-21 11-Dec-21 18-Dec-21	25-Dec-21 01-Jan-22 08-Jan-22 15-Jan-22 22-Jan-22	05-Feb-22 12-Feb-22 19-Feb-22	05-Mar-22 12-Mar-22 19-Mar-22	02-Apr-22 09-Apr-22 16-Apr-22 23-Apr-22	07-May-22 14-May-22 21-May-22 28-May-22	04-Jun-22 11-Jun-22 18-Jun-22 25-Jun-22	02-Jul-22 09-Jul-22 16-Jul-22	23-Jul-22 30-Jul-22	06-Aug-22 13-Aug-22 20-Aug-22 27-Aug-22
Task 006 - Prepare Advertising Package															
001 - Update plans, specs and contract docs based on 90% Design Review Meeting															
002 - Prepare duplicate sheets at end of additive locations; QC															
003 - Refine quantities to reflect end of additive locations; QC															
004 - Update bid form; QC															
005 - Update opinion of probable costs vs. funding; QC															
006 - Quality control review of advertising package materials															
007 - Complete, compile, and deliver advertising package															
008 - Provide CAD files to City															
009 - Coordination with stakeholders															
010 - Addition: Advertising package items related to water line replacement															
001) Update plans, specs and contract docs based on 90% Design Review Meeting															
002) Addition of water line items to refined quantities at end of additive locations; QC															
003) Include water line items in updated bid form; QC															
004) Include water line items in updated opinion of probable costs; QC															
005) Include water line in QC review, compiles 90% design materials, and review mtg															
011 - Addition: Advertising package activities related to signal design															
012 - Addition: Contract Rate Adjustment															
Task 007 - Assistance During Bidding															
001 - Prepare agenda for and conduct pre-bid meeting															
002 - Compile minutes from pre-bid meeting and provide in addendum 1; QC															
003 - Address contractor questions during advertising															
004 - Prepare two additional addenda; QC															
005 - Prepare documents for bid opening and bid tabulation															
006 - Conduct bid opening															
007 - Prepare bid tabulation spreadsheet; tabulate and evaluate bids; QC															
008 - Prepare recommendation of award letter and document; QC															
009 - Coordination with stakeholders															
010 - Addition: Contract Rate Adjustment															