

BPC WEST SEWERSHED PACKAGE 5C SAWS Solicitation No. CO-00458 SAWS Job No. 21-4516

ADDENDUM NO. 1 September 28, 2021

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in the submitted bid proposal.

RESPONSES TO QUESTIONS

1. Question:

CIPP standard specification section 901.4-3.e.6 requires a soil modulus of 500 psi be used in the CIPP thickness designs, but this soil modulus is overly conservative and will produce CIPP thicknesses that are thicker than needed, which will increase the difficulty of installation and overall project cost. On previous projects, this section has been replaced with language saying the Contractor was allowed to submit calculations signed and sealed by a Texas Professional Engineer utilizing other values for soil modulus so long as those values were part of the sealed calculations, the calculation method complied with ASTM F1216, and the soil modulus utilized did not exceed 1,000 psi. Please confirm that the Contractor will again be allowed to use values other than 500 psi for the soil modulus on this project.

Response:

Refer to Special Provision to Rehabilitation of Sanitary Sewer by Cured-in-Place Pipe (CIPP) Process Item No. 901 in the Contract Documents for revised soil modulus requirements.

2. Question:

CIPP standard specification section 901.4-3.e.7 specifies that the groundwater to be used in the CIPP thickness designs shall be at the ground surface or the elevation of the 100-year floodplain, whichever is greater. On previous projects, this section has been modified so that the reference to floodwater being used as a design parameter has been deleted. Please confirm that the floodwater will again not need to be considered in the CIPP thickness designs, and that this section shall be modified to simply require the groundwater depth to be at the ground surface. If floodwater loading must be included as a design parameter, please provide the elevation of the floodwater level to be applied at each of the applicable manholes on the CIPP alignments.

Response:

Section 901.4-3.e.7 of Specification 901 Rehabilitation of Sanitary Sewer by Cured-in-Place Pipe (Hot Water) shall remain in place. This project does not

include any segments to be rehabilitated via CIPP within the 100-year floodplain that require floodwater loading consideration. The sewer segment to be rehabilitated via CIPP at Site C-58 is close to 100-year floodplain, but not within it.

3. Question: Is Warren Environmental Epoxy (pre-approved product by SAWS) considered approved for this project's manhole rehabilitation?

Response: Warren is approved for testing only. The scope of this project does not allow for

testing of manhole coatings/linings and only products in the material specifications or specified by the design consultant for specific locations that

were part of the design process are allowed for use on this project.

4. Question: Regarding New Manholes according bid item nos 35 & 36, will these manholes require interior epoxy coating?

Response: Refer to SAWS 2020 Specification Item No. 852 Sanitary Sewer Manholes

Section 852.4 (10). Link to SAWS 2020 Specifications is available in the Table

of Contents of the Contract Documents.

5. Question: The DR13.5 rating is virtually impossible to find in a normal Non-Covid

environment. With the shortages of materials in the county today, all pipe is getting harder to get and 13.5 simply isn't available. For the pipe

bursting lines, will you accept DR17 instead of DR 13.5?

Response: Refer to the pipe bursting plan sheets which specify DR17.

CHANGES TO SPECIFICATIONS

1. **Bid Proposal, BP-1 to BP-3** – Remove in its entirety and replace with the revised version attached to this Addendum. Respondents will utilize the attached Bid Proposal form in their submittals. Failure to use the revised bid proposal may result in the Contractor's bid being found non-responsive and rejected.

2. Page IB-4, Instructions to Bidders, 9., b. is amended to read as follows:

- (b) Contractor agrees that, unless it is a sole proprietorship or a company with fewer than 10 full-time employees and the value of this Contract is less than \$100,000, it:
 - a. does not boycott Israel and will not do so during the term of this Contract;
 - b. does not boycott energy companies and will not do so during the term of this Contract;
 - c. does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of the Contract against a firearm entity or firearm trade association;

This provision is in compliance with Chapters §2271 and 2274 of the Texas Government Code. SAWS agrees to comply with the United States and Texas Constitutions in consideration of whether to enforce this provision.

CHANGES TO THE PLANS

- 1. Remove the following sheets dated 8/26/21 and replace with the attached sheets dated 9/27/21:
 - a. Sheet GEN-03 (3 of 98) Overall Quantities
 - b. Sheet A-04 (14 of 98) Site C-5 Sewer Rehabilitation Plan PIPE BURST
 - c. Sheet J-04 (52 of 98) Site C-45 Sewer Rehabilitation Plan PIPE BURST
 - d. Sheet K-05 (57 of 98) Site C-46 Sewer Rehabilitation Plan PIPE BURST
 - e. Sheet M-03 (64 of 98) Site C-52 Pavement Repair Plan
 - f. Sheet M-04 (65 of 98) Site C-52 Sewer Rehabilitation Plan PIPE BURST

CLARIFICATIONS

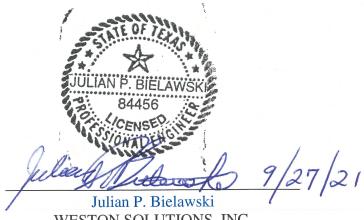
- 1. Bid Proposal, BP-1 to BP-3 updated "Bid Proposal Signature Page" is related to new statutes from the latest legislative session. In addition, the List of Bid Items has the following updates:
 - a. Quantity for Line Item Spec No. 205.4 Hot Mix Asphalt Concrete Pavement Type D (2" Compacted) has increased.
 - b. Quantity for Line Item Spec No. 206.1 Asphalt Treated Base (ATB) (10" Compacted Depth) has increased.
 - c. Line Item Spec No. 413.1 Flowable Fill has been added.
- 2. Plan Sheet GEN-03 Revised plan sheets includes updates to the Estimated Quantities per the updated List of Bid Items.
- 3. Sewer Rehabilitation Plan Sheets A-04, J-04, K-05, and M-04 Revised plan sheets specify Flowable Fill at water crossings per TCEQ 217.53(d)(7)(D) and include an additional note regarding the flowable fill pour. Line Item Spec No. 413.1 Flowable Fill has been added to the Estimated Quantities.
- 4. Pavement Repair Plan Sheet M-03 Revised plan sheet includes updated Quantities Table. The quantities for Line Item Spec No. 205.4 Hot Mix Asphalt Concrete Pavement Type D (2" Compacted) and Line Item Spec No. 206.1 Asphalt Treated Base (ATB) (10" Compacted Depth) have been increased.
- 5. The estimated construction cost has increased from \$2,026,771.00 to \$2,031,783.00 and has been noted on the SAWS website.

END ADDENDUM 1

This Addendum, including these <u>4</u> pages, is <u>13</u> pages with attachments in its entirety.

Attachments:

- Bid Proposal Form (3 pages total)
- Plan Sheets GEN-03, A-04, J-04, K-05, M-03, and M-04 (6 pages total)



WESTON SOLUTIONS, INC. Texas Registered Engineering Firm F-3123

BID PROPOSAL

PR	OPOSAL OF		, a corporation
аp	partnership consisting of		·
an	individual doing business as		
Pu as	E SAN ANTONIO WATER SYSTEM: rsuant to Instructions and Invitation to Bidders specified and perform the work required for ecifications for the following prices in the bid	the project as specified, in accordance	
PL	EASE SEE ATTACHED LIST OF BID ITEM	S.	
		BIDDER'S SIGNATURE & TITLE	
		FIRM'S NAME (TYPE OR PRINT)	
		FIRM'S ADDRESS	
		FIRM'S PHONE NO. /FAX NO.	
		FIRM'S EMAIL ADDRESS	
	Contractor herein acknowledges receipt of the wing: Addendum Nos	ne	
1WC	NER RESERVES THE RIGHT TO ACCEPT THE (OVERALL MOST RESPONSIBLE BID.	
he u nd e	bidder offers to construct the Project in accordance Project within 310 calendar days after the start erstands and accepts the provisions of the cont completed on time.	date, as set forth in the Authorization to Pi	roceed. The bidde
Com	plete the additional requirements of the Bid Propo	osal which are included on the following pages.	
Sta	tement on President's Executive Orde	rs	
	your firm previously performed work subject to the eding similar executive orders (Numbers 10925 ar		6 and 11375 or any
(1)	Are you, Contractor, held or controlled by individe country designated by the Governor of the State Yes No		
(2)	Are you, Contractor, held or controlled by a compor controlled by citizens of or directly controlled by designated by the Governor of the State of Texas Yes No	by the government of China, Iran, North Korea,	Russia or a country
(3)	Are you, Contractor, headquartered in China, Ira the State of Texas pursuant to Texas Governme Yes No		d by the Governor of

BP-1 ADDENDUM NO-1

Rev. 091021



BPC West Sewershed Package 5C SAWS Job No. 21-4516 Bid Proposal Line Items September 2021

ITE M	PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	SUBTOTAL
1	103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	66	\$	\$
2	103.3	REMOVE SIDEWALK AND DRIVEWAYS (COSA SPEC)	SF	315	\$	\$
3	103.4	REMOVE MISCELLANEOUS CONCRETE (COSA SPEC)	SF	504	\$	\$
4	203.1	TACK COAT (COSA SPEC)	GAL	530	\$	\$
5	205.4	HOT MIX ASPHALT CONCRETE TYPE D (2" COMPACTED)(COSA SPEC)	SY	5334	\$	\$
6	206.1	ASPHALT TREATED BASE (ATB) (10" COMPACTED DEPTH) (COSA SPEC)	SY	679	\$	\$
7	208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALT PAVEMENT (2" DEPTH) (COSA SPEC)	SY	4563	\$	\$
8	413.1	FLOWABLE FILL	CY	8	\$	\$
9	500.1	CONCRETE CURB (COSA SPEC)	LF	66	\$	\$
10	502.1	CONCRETE SIDEWALKS (CONVENTIONALLY FORMED)	SY	29	\$	\$
11	503.1	PORTLAND CEMENT CONCRETE DRIVEWAY (COSA SPEC)	SY	6	\$	\$
12	505	CONCRETE RIPRAP	SY	56	\$	\$
13	516.1	SODDING	SY	172	\$	\$
14	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-5)	LS	1	\$	\$
15	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-9)	LS	1	\$	\$
16	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-14)	LS	1	\$	\$
17	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-22A)	LS	1	\$	\$
18	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-41)	LS	1	\$	\$
19	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-43A)	LS	1	\$	\$
20	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-43B)	LS	1	\$	\$
21	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-45)	LS	1	\$	\$
22	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-46)	LS	1	\$	\$
23	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-51)	LS	1	\$	\$
24	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-52)	LS	1	\$	\$
25	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-54)	LS	1	\$	\$
26	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-58)	LS	1	\$	\$
27	535.1	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4-IN WIDE DOUBLE SOLID YELLOW LINE) (COSA SPEC)	LF	312	\$	\$
28	535.2	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4-IN WIDE BROKEN WHITE LINE) (COSA SPEC)	LF	312	\$	\$
29	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	689	\$	\$
30	845.1	REMOVE AND REPLACE FENCING (4' HIGH CHAIN LINK)	LF	50	\$	\$
31	SS1	REMOVE AND REPLACE FENCING (6' HIGH WOOD)	LF	176	\$	\$
32	848	8" IPS DR17 HDPE SANITARY SEWER PIPE - ALL DEPTH	LF	20	\$	\$
33	848	8" (ASTM D1784) PVC SANITARY SEWER PIPE - ALL DEPTH	LF	32	\$	\$
34	848	8" (SDR-26) (ASTM D-2241) PVC SANITARY SEWER PIPE - ALL DEPTH	LF	18	\$	\$
35	851	EXISTING MANHOLE ADJUSTMENTS (WITH NEW RING AND WATERTIGHT COVER)	EA	35	\$	\$
36	852.6.1	SANITARY SEWER MANHOLE (0' - 6'), 4' DIA.	EA	6	\$	\$
37	852.6.1	SANITARY SEWER DOGHOUSE MANHOLE (0' - 6'), 4' DIA.	EA	2	\$	\$
38	852.6.2	EXTRA DEPTH SANITARY SEWER MANHOLE (> 6'), 4' DIA.	VF	4	\$	\$
39	852.6.2	EXTRA DEPTH SANITARY SEWER DOGHOUSE MANHOLE (> 6'), 4' DIA.	VF	2	\$	\$
10	854	SANITARY SEWER LATERAL	LF	10	\$	\$
11	854.1	CLEANOUT (TWO-WAY) FOR SANITARY SEWER LATERAL	EA	1	\$	\$
12	855	RECONSTRUCTION OF EXISTING MANHOLES	EA	5	\$	\$
13	864	BYPASS PUMPING (LARGE DIAMETER SANITARY SEWER) SITE C-58	LS	1	\$	\$
14	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-5	LS	1	\$	\$
15	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-9	LS	1	\$	\$
16	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-14	LS	1	\$	\$
17	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-21A	LS	1	\$	\$
18	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) C-22A	LS	1	\$	\$



BPC West Sewershed Package 5C SAWS Job No. 21-4516 Bid Proposal Line Items September 2021

ITE M	PAY ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	SUBTOTAL
49	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) C-22B	LS	1	\$	\$
50	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-25A & C-25B	LS	1	\$	\$
51	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-33	LS	1	\$	\$
52	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-41	LS	1	\$	\$
53	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-43A	LS	1	\$	\$
54	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-43B	LS	1	\$	\$
55	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-45	LS	1	\$	\$
56	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-46	LS	1	\$	\$
57	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-51	LS	1	\$	\$
58	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-52	LS	1	\$	\$
59	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-54	LS	1	\$	\$
60	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-55	LS	1	\$	\$
61	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-58	LS	1	\$	\$
62	866	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-60A	LS	1	\$	\$
63	866	SANITARY SEWER MAIN TELEVISION PRE INSPECTION (8" - 15") WITH CLEANING	LF	6032	\$	\$
64	866	SEWER MAIN TELEVISION INSPECTION (27" AND LARGER) WITH CLEANING AND PRE INSPECTION	LF	21	\$	\$
65	866	SANITARY SEWER MAIN TELEVISION POST INSPECTION (8" - 15")	LF	70	\$	\$
66	900.1	REHABILITATION OF SANITARY SEWER BY PIPE BURST, 8" DIA. PIPE- ALL DEPTH	LF	5441	\$	\$
67	901.1	REHABILITATION OF SANITARY SEWER BY CURED-IN-PLACE PIPE (HOT WATER), 8" DIA. PIPE- ALL DEPTH	LF	521	\$	\$
68	901.1	REHABILITATION OF SANITARY SEWER BY CURED-IN-PLACE PIPE (HOT WATER), 36" DIA. PIPE- ALL DEPTH	LF	21	\$	\$
69	910.1	MANHOLE REHABILITATION (STANDARD MANHOLES 4' DIA.)	VF	250	\$	\$
70	1103	POINT REPAIRS (UP to 9 LF) - 8" DIA ALL DEPTH	EA	6	\$	\$
71	1103	POINT REPAIRS LONGER THAN 9 LF - ALL DEPTH	LF	32	\$	\$
72	1103.2	OBSTRUCTION REMOVAL - 18" OR SMALLER DIA REMOTE CONTROL - ALL DEPTH	EA	1	\$	\$
73	1109.1	SANITARY SEWER LATERAL RECONNECTIONS - OPEN CUT EXCAVATION - ALL DEPTH	EA	76	\$	\$
74	1109.1	SANITARY SEWER LATERAL RECONNECTIONS - REMOTE CONTROL DEVICE - ALL DEPTH	EA	15	\$	\$
75	6001	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT SPEC.)	LF	1	\$	\$
76	SS 02221	DEMOLISH EXISTING SHED	EA	1	\$	\$
77	SC3	CPS ENERGY ALLOWANCE	ALW	1	\$ 15,000	\$ 15,000
		Subtotal (Items 1-77				
78	100	MOBILIZATION (MAX 10% OF ITEMS 1 TO 76)	LS	1	\$	
79	101	PREPARING RIGHT-OF-WAY (MAX 5% OF ITEMS 1 TO 76)	LS	1	\$	

Mobilization and Prep ROW shall be limited to the maximum percentange shown. If the percentage exceeds the allowable maximum stated for the mobilization and/or preparation of ROW, SAWS reserves the right to cap the amount at the percentanges shown and asjust the extension of the bid items accordingly.

TOTAL BID PRICE (TO INCLUDE LINE ITEMS 1-77 AND 78-79 \$

ITEM NO.	SPEC. NO.	DESCRIPTION	UNIT	QUA
1	103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	-
2	103.3	REMOVE SIDEWALK AND DRIVEWAYS (COSA SPEC)	SF	3
3	103.4	REMOVE MISCELLANEOUS CONCRETE (COSA SPEC)	SF	5
4	203.1	TACK COAT (COSA SPEC)	GAL	5
$\overbrace{5}$	205.4	HOT MIX ASPHALT CONCRETE TYPE D (2" COMPACTED)(COSA SPEC)	SY	5
6, 6	206.1	ASPHALT TREATED BASE (ATB) (10" COMPACTED DEPTH) (COSA SPEC)	SY	, 6
\sim	208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALT PAVEMENT (2" DEPTH) (COSA SPEC)	SY	4
8	413.1	FLOWABLE FILL	CY	
~g√	500.1	CONCRETE CURB (COSA SPEC)	LF	
10	502.1	CONCRETE SIDEWALKS (CONVENTIONALLY FORMED)	SY	:
11	503.1	PORTLAND CEMENT CONCRETE DRIVEWAY (COSA SPEC)	SY	
12	505	CONCRETE RIPRAP	SY	
13	516.1	SODDING	SY	1
14	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-5)	LS	
15	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-9)	LS	
16	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-14)	LS	
17	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-22A)	LS	
18	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-41)	LS	
19	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-43A)	LS	
20	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-43B)	LS	
21	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-45)	LS	
22	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-46)	LS	
23	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-51)	LS	
24	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-52)	LS	
25	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-54)	LS	
26	530.7	BARRICADES, SIGNS, TRAFFIC HANDLING (SITE C-58)	LS	
27	535.1	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4-IN WIDE DOUBLE SOLID YELLOW LINE) (COSA SPEC)	LF	3
28	535.2	HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS (4-IN WIDE BROKEN WHITE LINE) (COSA SPEC)	LF	3
29	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	6
30	845.1	REMOVE AND REPLACE FENCING (4' HIGH CHAIN LINK)	LF	
31	SS1	REMOVE AND REPLACE FENCING (6' HIGH WOOD)	LF	1
32	848	8" IPS DR17 HDPE SANITARY SEWER PIPE - ALL DEPTH	LF	
33	848	8" (ASTM D1784) PVC SANITARY SEWER PIPE - ALL DEPTH	LF	
34	848	8" (SDR-26) (ASTM D-2241) PVC SANITARY SEWER PIPE - ALL DEPTH	LF	
35	851	EXISTING MANHOLE ADJUSTMENTS (WITH NEW RING AND WATERTIGHT COVER)	EA	
36	852.6.1	SANITARY SEWER MANHOLE (0' - 6'), 4' DIA.	EA	
37	852.6.1	SANITARY SEWER DOGHOUSE MANHOLE (0' - 6'), 4' DIA.	EA	
38	852.6.2	EXTRA DEPTH SANITARY SEWER MANHOLE (> 6'), 4' DIA.	VF	
39	852.6.2	EXTRA DEPTH SANITARY SEWER DOGHOUSE MANHOLE (> 6'), 4' DIA.	VF	
40	854	SANITARY SEWER LATERAL	LF	
41	854.1	CLEANOUT (TWO-WAY) FOR SANITARY SEWER LATERAL	EA	
42	855	RECONSTRUCTION OF EXISTING MANHOLES	EA	-
43	864	BYPASS PUMPING (LARGE DIAMETER SANITARY SEWER) SITE C-58	LS	
44	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-5	LS	
45	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-9	LS	_
46	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-14	LS	
47	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-21A	LS	
48	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) C-22A	LS	
49	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) C-22B	LS	_
50	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-25A & C-25B	LS	
51	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-33 BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-41	LS	_
52	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-41 BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-42A	LS	
53	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-43A	LS	
54	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-43B	LS	
55	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-45	LS	
56	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-46 RYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-46	LS	
57	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-51	LS	_
58	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-52	LS	
59	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-54	LS	
60	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-55		

62	866	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) SITE C-60A	LS	1
63	866	SANITARY SEWER MAIN TELEVISION PRE INSPECTION (8" - 15") WITH CLEANING		6032
64	866	SEWER MAIN TELEVISION INSPECTION (27" AND LARGER) WITH CLEANING AND PRE INSPECTION		21
65	866	SANITARY SEWER MAIN TELEVISION POST INSPECTION (8" - 15")	LF	70
66	900.1	REHABILITATION OF SANITARY SEWER BY PIPE BURST, 8" DIA. PIPE - ALL DEPTH	LF	5441
67	901.1	REHABILITATION OF SANITARY SEWER BY CURED-IN-PLACE PIPE (HOT WATER), 8" DIA. PIPE- ALL DEPTH	LF	521
68	901.1	REHABILITATION OF SANITARY SEWER BY CURED-IN-PLACE PIPE (HOT WATER), 36" DIA. PIPE- ALL DEPTH	LF	21
69	910.1	MANHOLE REHABILITATION (STANDARD MANHOLES 4' DIA.)	VF	250
70	1103	POINT REPAIRS (UP to 9 LF) - 8" DIA ALL DEPTH	EA	6
71	1103	POINT REPAIRS LONGER THAN 9 LF - ALL DEPTH	LF	32
72	1103.2	OBSTRUCTION REMOVAL - 18" OR SMALLER DIA REMOTE CONTROL - ALL DEPTH	EA	1
73	1109.1	SANITARY SEWER LATERAL RECONNECTIONS - OPEN CUT EXCAVATION - ALL DEPTH	EA	76
74	1109.1	SANITARY SEWER LATERAL RECONNECTIONS - REMOTE CONTROL DEVICE - ALL DEPTH	EA	15
75	6001	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT SPEC.)	LF	1
76	SS 02221	DEMOLISH EXISTING SHED	EA	1
77	SC3	CPS ENERGY ALLOWANCE	ALW	1
78	100	MOBILIZATION (MAX 10% OF ITEMS 1 TO75)	LS	1





WESTON SOLUTIONS, INC.
70 NE LOOP 410, SUITE 600
SAN ANTONIO, TEXAS 78216—5842

EXAS REGISTERD ENGINEERING FRM F-3123
BPC WEST SEWERSHED PAC



NOTES	INITIALS	DATE
DESIGNED BY	RK	08/21
REVIEWED BY	JB	08/21

SCALE: AS SHOWN

