

ADDENDUM #2



PROJECT: Hill City WWTF Improvements

DATE: September 21, 2026

BID DATE: September 30, 2026

The following changes or modifications are to be incorporated into and become a part of the Contract Documents. The Bidder shall note receipt and make acknowledgment of this Addendum on the Bid Proposal, incorporating these provisions in the bid.

CONSTRUCTION MANAGERS BID MANUAL:

- 1) **Project Bidding Requirements**
 - a. **Accepting bids until 2:00 p.m. MST on September 30, 2026**
 - b. **Bids to be delivered to the Scull Construction Services Inc.**
 - i. **801 Industrial Ave. Rapid City, SD 57702**
 - c. **Bids must be submitted on the correct bid form and delivered in a sealed envelope**
 - i. **A sample of a sealed envelope can be seen in the Construction Managers Bid Manual.**
 - d. **No bids or bid modifications will be accepted after bid time**
 - e. **Bids will be Publicly Opened**
- 2) **AE2S Addendum #1 (Attached)**
- 3) **AE2S RFI Process Review Clarifications (Attached)**
- 4) **CM Bid Manual Revised Bid Packages**
 - a. **01C – General Construction (Attached)**
 - b. **03A – Foundation and Site Concrete (Attached)**
 - c. **05A – Miscellaneous Metals (Attached)**
 - d. **09E – Painting and Coatings (Attached)**
 - e. **22A – Plumbing (Attached)**
 - f. **23A – HVAC (Attached)**
 - g. **26A – Electrical and Communications (Attached)**
 - h. **31A – Sitework Excavation and Utilities (Attached)**
 - i. **46A – Process Piping and Equipment (Attached)**
- 5) **CM Preliminary Schedule (Attached)**
 - a. **An early start will not at this time be permitted. Mobilization and earthwork will start per the preliminary schedule**
- 6) **Pre-Bid Agenda and Sign in Sheet (Attached)**

END OF ADDENDUM



ADDENDUM NO. 2
TO
PROJECT DOCUMENTS
FOR
HILL CITY WWTF IMPROVEMENTS PROJECT
FOR
HILL CITY
HILL CITY, SOUTH DAKOTA

September 16, 2026

The following changes, additions, and deletions are hereby made a part of the Bidding Documents for the **HILL CITY WWTF IMPROVEMENTS PROJECT** as fully and completely as if the same were set forth therein. Acknowledge receipt of this addendum in the space provided on the Bid Form. **FAILURE TO DO SO MAY RESULT IN REJECTION OF BID.**

This addendum consists of three (3) pages and the following ten (10) attachments.

- Drawing Sheets
 - GEN E002 (Addendum 2)
 - PTB E102 (Addendum 2)
 - PTB E604 (Addendum 2)
 - SBR E801 (Addendum 2)
 - PB P101 (Addendum 2)
 - PB P601 (Addendum 2)
 - PB E104 (Addendum 2)
 - PB E603 (Addendum 2)
 - PB E801 (Addendum 2)
- Specifications
 - 46 41 00 Mixing Equipment – Addendum No. 2

DRAWINGS

The following changes have been made to the drawings. Revised and additional drawings are provided as an attachment to this addendum. Replace the following drawings in the original bidding documents with the attached addendum drawings:

SHEET GEN E002

1. **Modify** label: "DMI-FIT4 CONTROL PANEL"
2. **Modify** label: "BPI-FIT4 CONTROL PANEL"

SHEET PTB E102

3. **Remove** MFS-LIT2 callout from floor plan.

SHEET PTB E604

1. **Remove** MFS-LIT2 circuitry from cable and conduit schedule.

SHEET SBR E801

1. **Modify** the following SBR2-WAS1 circuits:
 - a. Circuit C: "FROM 'EB-SCP1' TO 'SBR2-WAS1-LCS1'"
 - b. Circuit D: "FROM 'EB-SCP1' TO 'SBR2-WAS1-LCS1'"
 - c. Circuit E: "FROM 'SBR2-WAS1-DISC1' TO 'SBR2-WAS1-LCS1'"
 - d. Circuit F: "FROM 'SBR2-WAS1-LCS1' TO 'SBR2-WAS1'"

SHEET PB P101

1. **Remove** Process Improvements Note 42: "~~REDUNDANT ALUM PUMP~~"

SHEET PB P601

1. **Revise** FURNISHED BY and REMARKS columns in INSTRUMENT SCHEDULE:

INSTRUMENT SCHEDULE		
TAG #	FURNISHED BY	REMARKS
CLF-FE1	CONTRACTOR	
FF1-FE1	FUZZY FILTER MFG	
FF2-FE1	FUZZY FILTER MFG	
UVD-FE1	OWNER	RELOCATED

SHEET PB E104

1. **Add** Construction Note 22 as follows: "MAGNETIC FLOWMETER FURNISHED AS PART OF FUZZY FILTER PACKAGE (46 61 21) AND INSTALLED BY CONTRACTOR."
2. **Modify** Construction Note callouts for 'FF1-FE1' and 'FF2-FE1' from Note 7 to Note 22.

SHEET PB E603

1. **Modify** Process Blower No. 4 'PB4' horsepower from 50HP to 60HP.
2. **Modify** 'PB4-DISC1' ampacity rating from 100A to 200A.

3. **Add** the following note associated with 'PB4-VFD1': "**NOTE:** FINAL VFD SIZE TO BE COORDINATE PER APPROVED BLOWER MOTOR AMPACITY REQUIREMENTS."

SHEET PB E801

1. **Modify** 'PB4' circuits A and B to accommodate updated horsepower demand.

SHEET SD E610

1. **Add** Red Sky as Approved Manufacturer for Luminaire Types C, CE, D, and DE.

SPECIFICATIONS

33 10 00 Water Utilities

1. **Revise** Article 2.01 Paragraph B. Part 12 Item b. Subitem 1) to state the following:

Ductile Iron Pipe for use in wastewater (sanitary sewer only) applications shall be lined with a Ceramic Epoxy or Epoxy Lining such as Protecto 401 or *Tnemec Series 431*.

2. **Revise** Article 2.02 Paragraph B. Part 3 to state the following:

Fittings for use in wastewater applications (sanitary sewer) shall be lined with a Protecto 401 or *Tnemec Series 431* Ceramic Epoxy Lining.

40 61 13 Process Control Systems General Requirements

1. **Add** "Enetk LLC, Location: Dickinson, North Dakota, Phone: 701-483-8330" as an approved Hardware Systems Integrator under Article 1.04, Paragraph A, Subsection 3.b.

40 72 00 Level Measurement

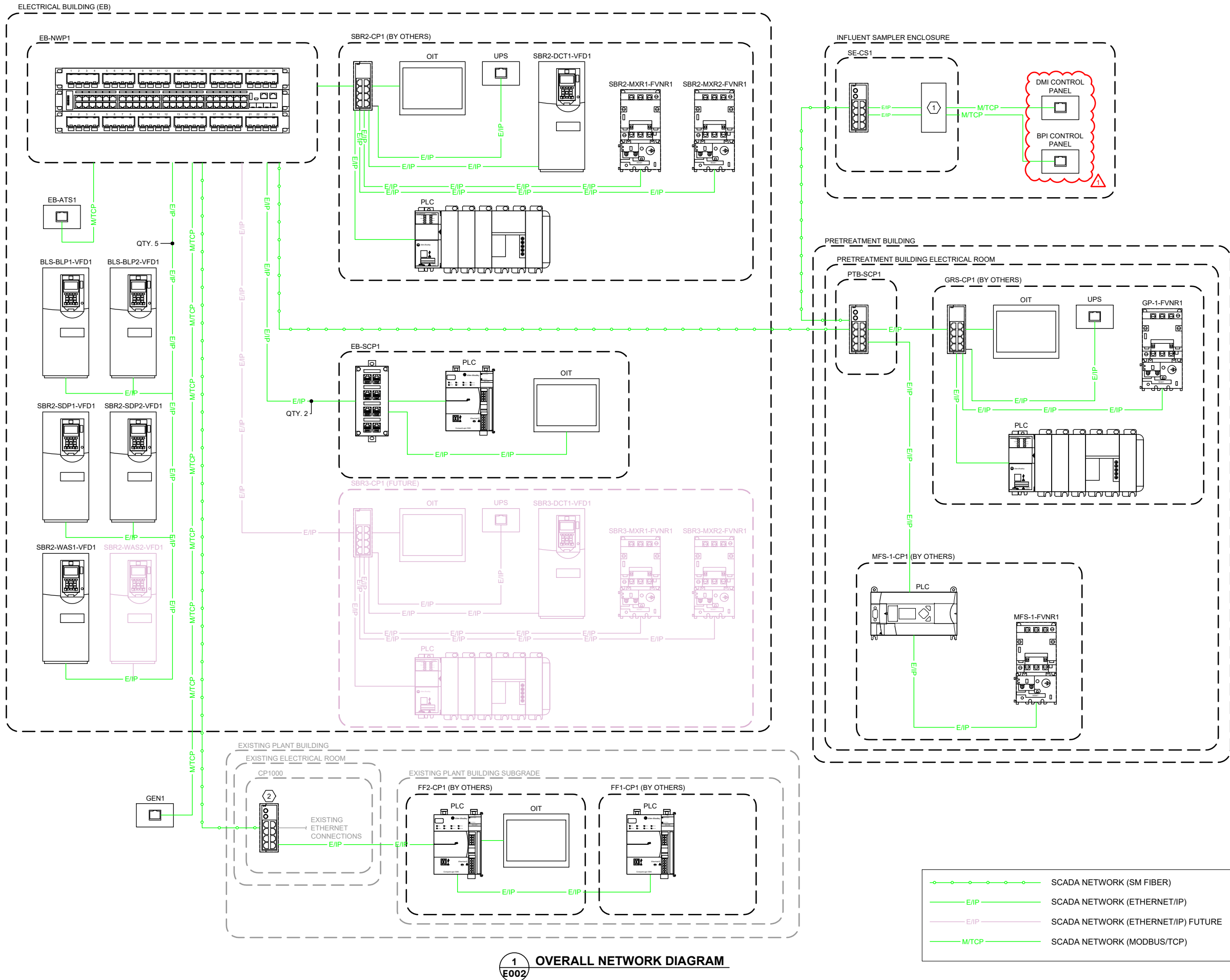
1. **Add** "PMC VL2000" as a Manufacturer/Model under Article 2.02, Paragraph E.

46 41 00 Mixing Equipment

1. This section shall be added to the specifications manual and is included as an attachment to this addendum.

END OF ADDENDUM NO. 2

File: C:\Users\mld\OneDrive\AES\12021-2023-005 Hill City - WRRF Improvements\Project Files\Electrical\Substation\Plan Sheet\EBN Network Diagram.dwg
Plotted By: Ian Smith Date: Wednesday, September 16, 2026





Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



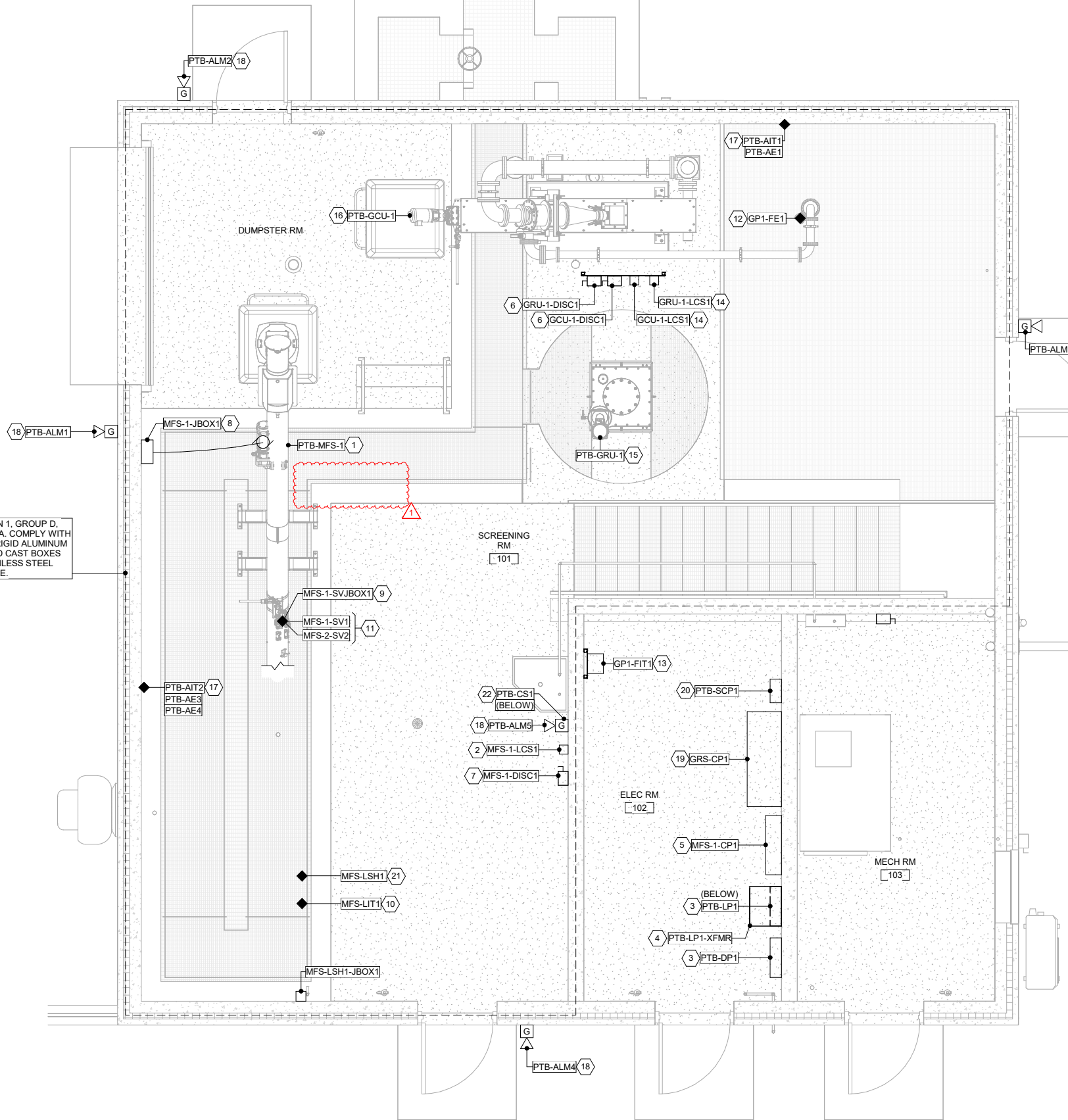


CONSTRUCTION NOTES

- MODBUS/TCP ETHERNET TO ETHERNET/IP ADAPTER. SEE RELATED CONTROL STATION LAYOUT WITHIN DVM SERIES ELECTRICAL DRAWINGS.
- EXISTING ETHERNET SWITCH TO BE REMOVED AND REPLACED WITH ETHERNET SWITCH AS SHOWN. RECONNECT EXISTING ETHERNET CABLES TO NEW SWITCH, UNLESS OTHERWISE NOTED. SEE 'PB' SERIES FOR DETAILS.

SHEET TITLE: OVERALL NETWORK DIAGRAM			
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA		PREPARED BY: PGM CHECKED BY: TNF APPROVED BY: JLV	
PROJECT NO: 12021-2023-005 DATE: JUNE 2026 ALT. PROJECT NO: N/A	SHEET DESIGNATOR: GEN	SHEET NO: E002	

NOTE: CLASS 1, DIVISION 1, GROUP D, EXPLOSION PROOF AREA. COMPLY WITH NEC ARTICLE 501. USE RIGID ALUMINUM CONDUIT, FITTINGS, AND CAST BOXES AND ALL TYPE 316 STAINLESS STEEL SUPPORTING HARDWARE.



1 MAIN LEVEL PROCESS ELECTRICAL FLOOR PLAN
E102



CONSTRUCTION NOTES

- 1 CYLINDRICAL PERFORATED PLATE SCREEN (46 21 33) PROVIDED BY CONTRACTOR. EQUIPMENT FURNISHED AS COMPLETE SYSTEM PER SPECIFICATION. SEE AUGER SCREEN WIRING DETAIL FOR ADDITIONAL INFORMATION.
- 2 LOCAL CONTROL STATION (46 21 33) PROVIDED AS PART OF FINE SCREEN PACKAGE. MOUNT AT 48" A.F.F. SEE AUGER SCREEN WIRING DETAIL FOR ADDITIONAL INFORMATION.
- 3 WALL-MOUNTED PANELBOARD (26 24 16) PROVIDED BY CONTRACTOR. TOP OF PANEL SHALL BE MOUNTED AT 72" A.F.F. SEE ONE-LINE DIAGRAM (EB SERIES) AND PANEL SCHEDULES FOR DETAILS.
- 4 LIGHTING PANEL TRANSFORMER (26 22 13) WALL MOUNTED ABOVE THE LIGHTING PANEL WITH MANUFACTURERS MOUNTING KIT. SEE TRANSFORMER WALL MOUNTING DETAIL.
- 5 CYLINDRICAL PERFORATED PLATE SCREEN CONTROL PANEL (46 21 33) TO BE FURNISHED AS PART OF THE CYLINDRICAL PERFORATED PLATE SCREEN PACKAGE AND INSTALLED BY CONTRACTOR.
- 6 PROVIDE NEMA 7 DISCONNECT SWITCH (26 28 18) MOUNTED TO COMMON STRUT STAND WITH TOP 48" A.F.F. SEE ONE-LINE DIAGRAM FOR DETAILS.
- 7 PROVIDE NEMA 7 DISCONNECT SWITCH (26 28 18) WALL MOUNTED 48" A.F.F. SEE ONE-LINE DIAGRAM FOR DETAILS.
- 8 PROVIDE WALL MOUNT NEMA 7 JUNCTION BOX TO TRANSITION FROM PVC CONDUIT TO FLEXIBLE CONDUIT FOR CONNECTION TO SCREEN MOTOR. BOX TO BE MINIMUM 12"W x 6"D x 12"H.
- 9 SCREEN MANUFACTURER SHALL PROVIDE FACTORY MOUNTED JUNCTION BOX FOR SOLENOID VALVE CIRCUITRY TERMINATION FROM SCREEN CONTROL PANEL. COORDINATE WITH MANUFACTURER FOR BOX LOCATION DURING CONSTRUCTION.
- 10 RADAR LEVEL TRANSMITTER (40 72 00) FURNISHED AS PART OF SCREEN PACKAGE (46 21 35) AND INSTALLED BY CONTRACTOR. MOUNT TRANSMITTER ABOVE CHANNEL PER MANUFACTURER RECOMMENDATIONS.
- 11 SOLENOID VALVES (46 21 33) PROVIDED AS PART OF COMPLETE SYSTEM PACKAGE PER SPECIFICATION. CONTRACTOR TO ROUTE RELATED CIRCUITRY TO MANUFACTURER INSTALLED EXPLOSION PROOF JUNCTION. LOCATION OF BOX TO BE CONFIRMED DURING CONSTRUCTION.
- 12 C1D1 RATED MAGNETIC FLOWMETER (40 71 00) FURNISHED BY SYSTEMS INTEGRATOR AND INSTALLED BY CONTRACTOR WITH MANUFACTURER FURNISHED INTERCONNECTION CABLES ROUTED BETWEEN THE TUBE AND TRANSMITTER.
- 13 MAGNETIC FLOWMETER TRANSMITTER (40 71 00) FURNISHED BY HARDWARE SYSTEMS INTEGRATOR AND INSTALLED BY ELECTRICAL CONTRACTOR.
- 14 LOCAL CONTROL STATION (46 23 00) PROVIDED AS PART OF GRIT REMOVAL SYSTEM PACKAGE. MOUNT ON COMMON STRUT STAND IN LOCATION SHOWN.
- 15 GRIT REMOVAL UNIT (46 23 00) FURNISHED AS PART OF GRIT REMOVAL SYSTEM PACKAGE AND INSTALLED BY CONTRACTOR.
- 16 GRIT CLASSIFIER UNIT (46 23 00) FURNISHED AS PART OF GRIT REMOVAL SYSTEM PACKAGE AND INSTALLED BY CONTRACTOR.
- 17 COMBUSTIBLE GAS / H2S ANALYTICAL ANALYZER/GAS DETECTOR (40 76 00) FURNISHED BY HARDWARE SYSTEMS INTEGRATOR AND INSTALLED BY CONTRACTOR. SEE IO SCHEDULE, RELATED SCHEMATIC, AND RELATED DETAIL FOR MORE INFORMATION.
- 18 EXTERIOR RATED AUDIO/VISUAL GAS DETECTION ALARM (40 76 00) FURNISHED BY HARDWARE SYSTEMS INTEGRATOR AND INSTALLED BY CONTRACTOR. SEE RELATED SCHEMATIC.
- 19 GRIT REMOVAL SYSTEM CONTROL PANEL (46 23 00) TO BE FURNISHED AS PART OF THE GRIT REMOVAL SYSTEM PACKAGE.
- 20 WALL MOUNTED SCADA CONTROL PANEL (40 63 13) FURNISHED BY HARDWARE SYSTEMS INTEGRATOR AND INSTALLED BY CONTRACTOR. SEE CONTROL PANEL LAYOUT, IO SCHEDULE, AND NETWORK DIAGRAM FOR DETAILS.
- 21 HIGH-LEVEL FLOAT SWITCH (40 72 00) FURNISHED AS PART OF SCREEN PACKAGE (46 21 35) AND INSTALLED BY CONTRACTOR. MOUNT IN CHANNEL PER MANUFACTURER RECOMMENDATIONS. CONVERT TO SUBMERSIBLE CABLE IN NEMA 7 EXPLOSION PROOF JUNCTION BOX.
- 22 PROVIDE NEMA 7 CONTROL STATION FOR GAS DETECTION SYSTEM SILENCE PUSHBUTTON. SEE RELATED SCHEMATIC FOR DETAILS. COORDINATE MOUNTING LOCATION WITH ENGINEER.



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SEAL OFFS AS REQUIRED BY NEC. SEE CLASSIFICATION SHEET FOR ADDITIONAL INFORMATION.

SHEET TITLE: MAIN LEVEL PROCESS ELECTRICAL FLOOR PLAN

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY:	TED
		CHECKED BY:	TNF
		APPROVED BY:	JLW
PROJECT NO:	12021-2023-005	SHEET DESIGNATOR:	PTB
DATE:	JUNE 2026	SHEET NO.:	E102
ALT PROJECT NO:	N/A		

STATUS FOR BIDDING

HILL CITY WWTF IMPROVEMENTS
Advanced Engineering and Environmental Services, LLC www.ae2s.com

JLW
APPR

ADDENDUM No. 2
DESCRIPTION

1
SYN DATE

File: C:\Users\lan.smith\Documents\2021-2023\2021-2023-005 Hill City - WRF Improvement\Project Files\8-Electrical\AutoCAD\Sheet EPTB Cable and Conduit Schedule.dwg
Printed By: lan.smith Date: Wednesday, September 16, 2025



CABLE AND CONDUIT SCHEDULE - PTB SERIES														
TAGNAME	IDENTIFIER	CONDUIT		SERVICE RATING		CONDUCTORS						FROM	TO	NOTES
		QTY	SIZE			OF #	PARALLEL SETS			NTRL	GND			CABLE TYPE
							CURRENT CARRYING							
				VOLT	PHASE		QTY	TYPE	SIZE					
PTB-DP1	A	1	2"	277/480	3	1	3	1/C	#3/0	#3/0	#6	EB-DP1	PTB-DP1	TYPE P2
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	PTB-SCP1	EB-DP1-SPD	TYPE P1
PTB-LP1	A	1	1"	480	1	1	2	1/C	#4	-	#8	PTB-DP1	PTB-LP1-XFMR1	TYPE P1
	B	1	1-1/4"	120/240	1	1	2	1/C	#3	#3	#8	PTB-LP1-XFMR1	PTB-LP1	TYPE P1
	C	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	PTB-SCP1	PTB-LP1-SPD	TYPE P1
PTB-SCP1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PTB-LP1	PTB-SCP1	TYPE P1
	B	1	3/4"	DATA	-	-	1	SM FBR-6 STR	-	-	-	EB-SCP1	PTB-SCP1	TYPE D2
MFS-1-CP1	A	1	3/4"	480	3	1	3	1/C	#8	-	#10	PTB-DP1	MFS-1-CP1	TYPE P1
	B	1	3/4"	DATA	-	-	1	CAT 6	-	-	-	PTB-SCP1	MFS-1-CP1	TYPE D4
MFS-1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	MFS-1-CP1	MFS-1-DISC1	TYPE P1
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	MFS-1-DISC1	MFS-1-JBOX1	TYPE P1
	C	1	3/4"	480	3	1	3	1/C	#12	-	#12	MFS-1-JBOX1	MFS-1	TYPE P1
	D	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	MFS-1-CP1	MFS-1-TSH1	TYPE P1
	E	1	3/4"	480	3	1	3	1/C	#12	-	#12	MFS-1-JBOX1	MFS-1	TYPE P1
MFS-1-LCS1	1	3/4"	CONTROL	-	-	12	1/C	#14	-	-	MFS-1-CP1	MFS-1-LCS1	TYPE P1	
MFS-1-SVJBOX1	A	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	MFS-1-CP1	MFS-1-SVJBOX1	TYPE P1
	B	PRE-WIRED BY MANUFACTURER										MFS-1-SVJBOX1	MFS-1-SV1	-
	C	PRE-WIRED BY MANUFACTURER										MFS-1-SVJBOX1	MFS-1-SV2	-
MFS-LSH1	A	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	MFS-1-CP1	MFS-LSH1-JBOX1	TYPE P1
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	MFS-LSH1-JBOX1	MFS-LSH1	TYPE P1
MFS-LIT1	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	MFS-1-CP1	MFS-LIT1	TYPE S1	
GRS-CP1	A	1	1"	480	3	1	3	1/C	#6	-	#10	PTB-DP1	GRS-CP1	TYPE P1
	B	1	3/4"	DATA	-	-	1	CAT 6	-	-	-	PTB-SCP1	GRS-CP1	TYPE D4
GRU-1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	GRS-CP1	GRU-1-DISC1	TYPE P1
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	GRU-1-DISC1	GRU-1	TYPE P1
	C	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	GRS-CP1	GRU-1-TSH1	TYPE P1
GRU-1-LCS1	1	3/4"	CONTROL	-	-	12	1/C	#14	-	-	GRS-CP1	GRU-1-LCS1	TYPE P1	
GCU-1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	GRS-CP1	GCU-1-DISC1	TYPE P1
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	GCU-1-DISC1	GCU-1	TYPE P1
	C	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	GRS-CP1	GCU-1-TSH1	TYPE P1
GCU-1-LCS1	1	3/4"	CONTROL	-	-	10	1/C	#14	-	-	GRS-CP1	GCU-1-LCS1	TYPE P1	
GP-1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	GRS-CP1	GP-1-DISC1	TYPE P1
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	GP-1-DISC1	GP-1	TYPE P1
	C	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	GRS-CP1	GP-1-TSH1	TYPE P1
GAS DETECTION No. 1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PTB-SCP1	PTB-AIT1	TYPE P1

CABLE AND CONDUIT SCHEDULE - PTB SERIES														
TAGNAME	IDENTIFIER	CONDUIT		SERVICE RATING		CONDUCTORS						FROM	TO	NOTES
		QTY	SIZE			Ø #	PARALLEL SETS			NTRL	GND			CABLE TYPE
							CURRENT CARRYING							
				QTY	TYPE		SIZE							
	B	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	PTB-SCP1	PTB-AIT1	TYPE S1
	C	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	PTB-SCP1	PTB-AIT1	TYPE P1
	D	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	PTB-SCP1	PTB-AE1	TYPE S1
	E	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	PTB-SCP1	PTB-AE2	TYPE S1
GAS DETECTION No. 2	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PTB-SCP1	PTB-AIT2	TYPE P1
	B	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	PTB-SCP1	PTB-AIT2	TYPE S1
	C	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	PTB-SCP1	PTB-AIT2	TYPE P1
	D	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	PTB-SCP1	PTB-AE3	TYPE S1
	E	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	PTB-SCP1	PTB-AE4	TYPE S1
PTB-ALM1		1	3/4"	120	1	2	1	1/C	#12	#12	#12	PTB-SCP1	PTB-ALM1	TYPE P1
PTB-ALM2		1	3/4"	120	1	2	1	1/C	#12	#12	#12	PTB-SCP1	PTB-ALM2	TYPE P1
PTB-ALM3		1	3/4"	120	1	2	1	1/C	#12	#12	#12	PTB-SCP1	PTB-ALM3	TYPE P1
PTB-ALM4		1	3/4"	120	1	2	1	1/C	#12	#12	#12	PTB-SCP1	PTB-ALM4	TYPE P1
PTB-CS1		1	3/4"	CONTROL	-	2	2	1/C	#14	-	-	PTB-SCP1	PTB-CS1	TYPE P1
WH-1	A	1	3/4"	480	3	1	3	1/C	#8	-	#10	PTB-DP1	WH-1-DISC1	TYPE P1
	B	1	3/4"	480	3	1	3	1/C	#8	-	#10	WH-1-DISC1	WH-1	TYPE P1
EUH-1		1	3/4"	480	3	1	3	1/C	#12	-	#12	PTB-DP1	EUH-1	TYPE P1
EUH-2		1	3/4"	480	3	1	3	1/C	#12	-	#12	PTB-DP1	EUH-2	TYPE P1
EUH-3		1	3/4"	480	3	1	3	1/C	#12	-	#12	PTB-DP1	EUH-3	TYPE P1
EUH-4		1	3/4"	480	3	1	3	1/C	#12	-	#12	PTB-DP1	EUH-4	TYPE P1
SOU-3 / SAC-3	A	1	3/4"	240	1	1	2	1/C	#8	-	#10	PTB-DP1	SOU-3-DISC1	TYPE P2
	B	1	3/4"	240	1	1	2	1/C	#8	-	#10	SOU-3-DISC1	SOU-3	TYPE P2
	C	1	3/4"	240	1	1	2	1/C	#12	-	#12	SOU-3	SAC-3	TYPE P2
EF-1		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PTB-LP1	EF-1	TYPE P2
L-1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PTB-LP1	L-1-DISC1	TYPE P1
	B	1	3/4"	120	1	1	1	1/C	#12	#12	#12	L-1-DISC1	L-1	TYPE P1



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



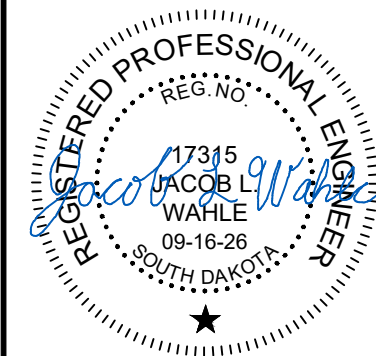
STATUS: FOR BIDDING	JLW	APPR
	1	09/16/26
	SYN	DATE
HILL CITY WWTF IMPROVEMENTS		
Advanced Engineering and Environmental Services, LLC www.ae2s.com		

SHEET TITLE: CABLE AND CONDUIT SCHEDULE			
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA		PREPARED BY: PGM CHECKED BY: TNF APPROVED BY: JLW	
PROJECT NO: 12021-2023-005 DATE: JUNE 2026 ALT. PROJECT NO: N/A	SHEET DESIGNATOR: PTB	SHEET NO: E604	

CABLE AND CONDUIT SCHEDULE - SBR SERIES															
TAGNAME	IDENTIFIER	CONDUIT		SERVICE RATING		UL #	CONDUCTORS					FROM	TO	NOTES	
							PARALLEL SETS		CURRENT CARRYING						
		QTY	SIZE	VOLT	PHASE		QTY	TYPE	SIZE	NTRL	GND			CABLE TYPE	
SPARE CONDUIT		2	1"	SPARE CONDUITS								EB EXTERIOR	SBR2 EXTERIOR	-	
SBR2-LCS1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	SBR2-CP1	SBR2-LCS1	TYPE P2	
	B	1	1"	CONTROL	-	-	24	1/C	#14	-	-	SBR2-CP1	SBR2-LCS1	TYPE P1	
SBR2-WAS1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-WAS1-VFD1	SBR2-WAS1-DISC1	TYPE P2	
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-WAS1-DISC1	SBR2-WAS1	TYPE P2	
	C	1	3/4"	120	1	1	1	1/C	#12	#12	#12	EB-SCP1	SBR2-WAS1-LCS1	TYPE P2	
	D	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	EB-SCP1	SBR2-WAS1-LCS1	TYPE P1	
	E	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	SBR2-WAS1-DISC1	SBR2-WAS1-LCS1	TYPE P1	
	F	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	SBR2-WAS1-LCS1	SBR2-WAS1	TYPE P1	
SBR2-MXR1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-CP1	SBR2-MXR1-DISC1	TYPE P2	
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-MXR1-DISC1	SBR2-MXR1	TYPE P2	
	C	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	SBR2-LCS1	SBR2-MXR1-DISC1	TYPE P1	
	D	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	SBR2-MXR1-DISC1	SBR2-MXR1	TYPE P1	
SBR2-MXR2	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-CP1	SBR2-MXR2-DISC1	TYPE P2	
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-MXR2-DISC1	SBR2-MXR2	TYPE P2	
	C	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	SBR2-LCS1	SBR2-MXR2	TYPE P1	
SBR2-DCT1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-CP1	SBR2-DCT1-DISC1	TYPE P2	
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	SBR2-DCT1-DISC1	SBR2-DCT1	TYPE P2	
	C	1	3/4"	CONTROL	-	-	12	1/C	#14	-	-	SBR2-LCS1	SBR2-DCT1	TYPE P1	
SBR2-PSV1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	SBR2-CP1	SBR2-PSV1	TYPE P2	
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	SBR2-CP1	SBR2-PSV1	TYPE P1	
SBR2-JBOX1		1	1"	MANUFACTURER FURNISHED CABLE								SBR2-CP1	SBR2-JBOX1	-	
SBR2-DO1		1	1"	MANUFACTURER FURNISHED CABLE								SBR2-JBOX1	SBR2-DO1	-	
SBR2-LIT1		1	1"	MANUFACTURER FURNISHED CABLE								SBR2-JBOX1	SBR2-LIT1	-	
EUH-5	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	EB-DP1	EUH-5-DISC1	TYPE P2	
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	EUH-5-DISC1	EUH-5	TYPE P2	
EUH-6	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	EB-DP1	EUH-6-DISC1	TYPE P2	
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	EUH-6-DISC1	EUH-6	TYPE P2	
SBR2-PT1		1	3/4"	480	1	1	2	1/C	#12	-	#12	EB-DP1	SBR2-PT1	TYPE P2	
EF-2		1	3/4"	120	1	1	1	1/C	#12	#12	#12	SBR2-PT1	EF-3	TYPE P2	
L-2		1	3/4"	120	1	1	1	1/C	#12	#12	#12	SBR2-PT1	MD-3	TYPE P2	



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: FOR BIDDING

1	JLW	ADDENDUM No. 2	APPR
	SYM	DATE	



GENERAL NOTES

1. SBR2-CP1, EB-DP1, AND EB-LP1 ARE LOCATED WITHIN 'EB' BUILDING. SEE 'EB' SERIES FOR EQUIPMENT LOCATIONS.

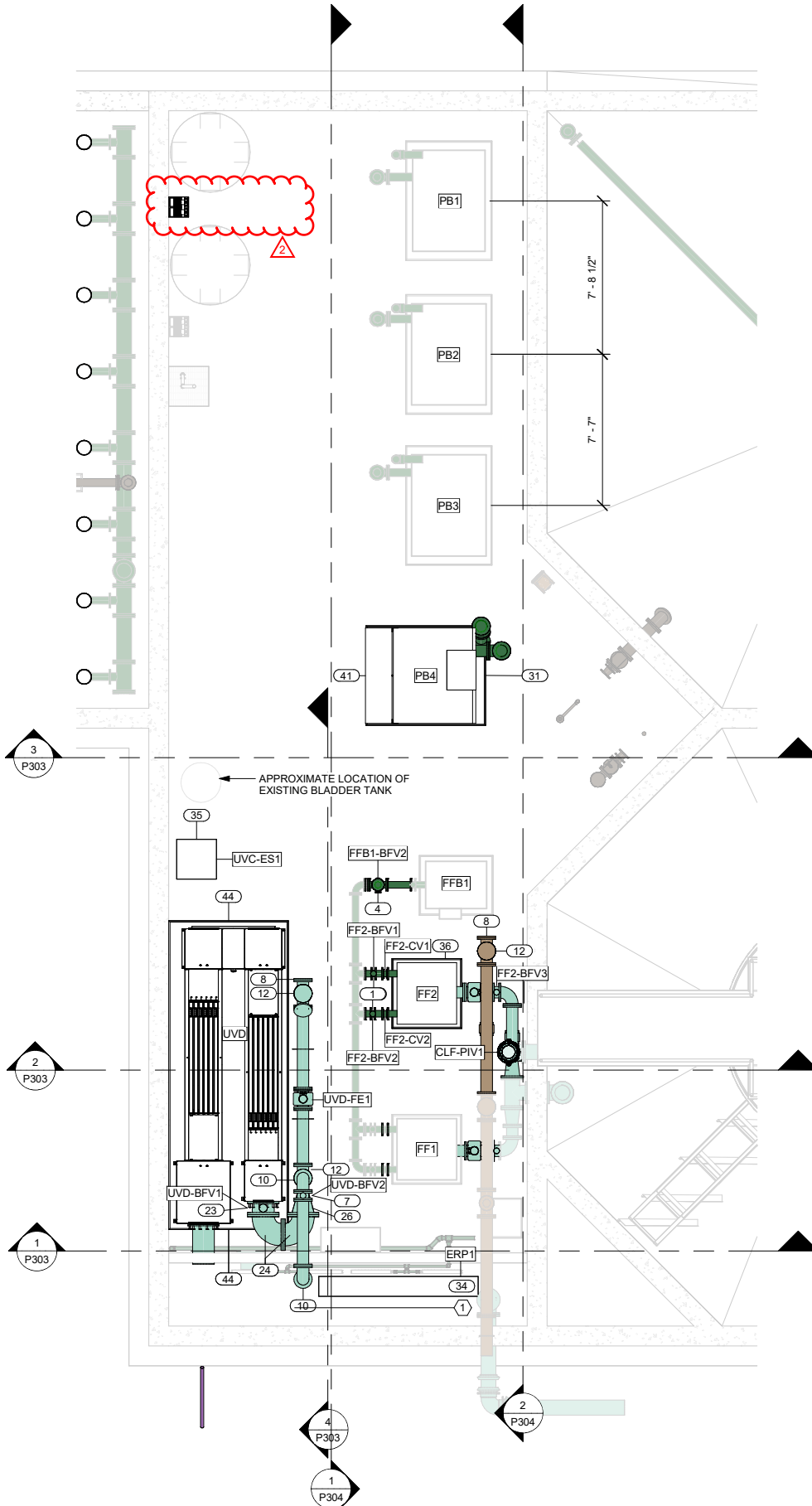
HILL CITY WWTF IMPROVEMENTS

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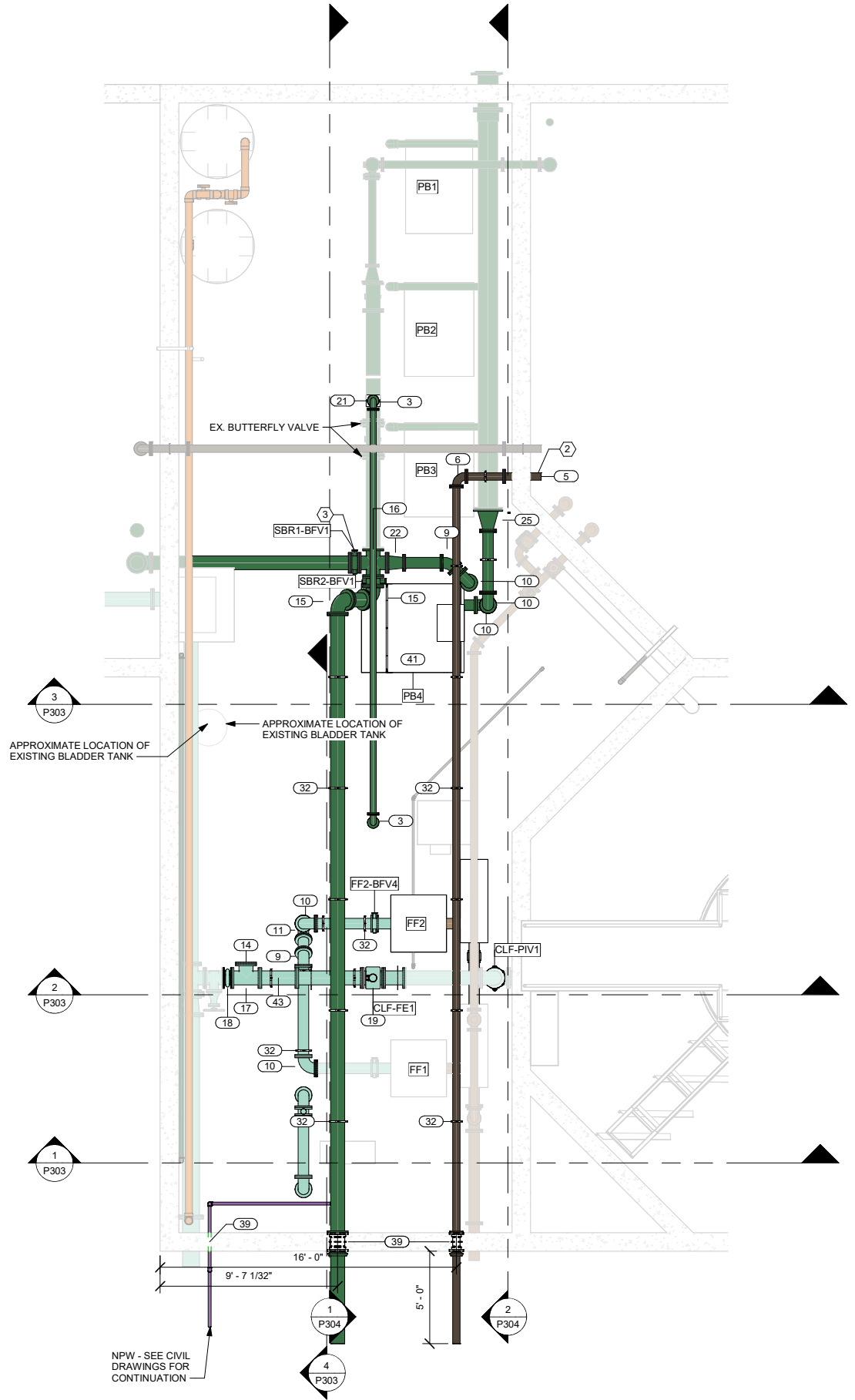
PROJECT TITLE:

CABLE AND CONDUIT SCHEDULE

CLIENT:		PREPARED BY: CAT	
CITY OF HILL CITY HILL CITY, SOUTH DAKOTA		CHECKED BY: TNF	
		APPROVED BY: JLW	
PROJECT NO: 12021-2023-005	SHEET DESIGNATOR:	SHEET NO:	
DATE: JUNE 2026	SBR	E801	
ALT. PROJECT NO: N/A			



1 SUBGRADE LEVEL - LOWER PIPING ENLARGED PLAN
P101 12' 0' 2' 4' 6' 8' 10' NORTH



2 SUBGRADE LEVEL - UPPER PIPING ENLARGED PLAN
P101 12' 0' 2' 4' 6' 8' 10' NORTH



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



- PROCESS IMPROVEMENTS**
- 1 3" BUTTERFLY VALVE
 - 2 3" CHECK VALVE
 - 3 3" FL DI 90° BEND
 - 4 3" SS BLOWER DISCHARGE CONNECTION, SEE DETAIL 2/SD/P501
 - 5 4" DI WALL PIPE, SEE DETAIL
 - 6 4" FL DI 90° BEND
 - 7 6" BUTTERFLY VALVE
 - 8 6" DI BLIND FLANGE
 - 9 6" FL DI 45° BEND
 - 10 6" FL DI 90° BEND
 - 11 6" FL DI LATERAL WYE
 - 12 6" FL DI TEE
 - 13 6" FLOW METER (SALVAGED)
 - 14 8" DI BLIND FLANGE W/4 THREADED OPENINGS FOR INJECTION QUILLS
 - 15 8" FL DI 90° BEND
 - 16 8" FL DI CROSS
 - 17 8" FL DI TEE (SALVAGED)
 - 18 8" FL RUBBER EXPANSION JOINT
 - 19 8" MAGNETIC FLOW METER
 - 20 8" PINCH VALVE
 - 21 8" x 3" SADDLE
 - 22 8" x 6" FL DI CONCENTRIC REDUCER
 - 23 12" BUTTERFLY VALVE
 - 24 12" FL DI 90° BEND
 - 25 12" x 6" FL DI CONCENTRIC REDUCER
 - 26 12" x 6" FL DI ECCENTRIC REDUCER
 - 27 ADJUSTABLE PIPE SUPPORT - TYPE 1 - SEE PROCESS STANDARD DETAILS
 - 28 ALUM PUMP SHELF
 - 29 BACKWASH WATER TROUGH
 - 31 BLOWER PAD
 - 32 CLEVIS HANGER PIPE SUPPORT - TYPE 2 - SEE PROCESS STANDARD DETAILS
 - 33 DIFFUSER
 - 34 EFFLUENT REUSE PUMP
 - 35 EFFLUENT SAMPLER (RELOCATED)
 - 36 FILTER PAD
 - 37 FUZZY FILTER
 - 39 MJ x MJ WALL PIPE - SEE DETAIL 2/SD/P706
 - 41 PROCESS BLOWER SUPPLIED BY SBR MANUFACTURER
 - 43 STAINLESS STEEL STATIC MIXER WITH TWO MIXING ELEMENTS. ENDS SHALL BE CLASS 150 LB FLAT FACE FLANGES FOR DUCTILE IRON PIPE.
 - 44 UV EQUIPMENT PAD
- CONSTRUCTION NOTES**
- 1 PROVIDE GRUNDFOS FLOW SLEEVE AND PUMP MODEL 35S30-11, RATED FOR 36.5 GPM AT 233 FT OF HEAD. CONNECT TO EXISTING BLADDER TANK
 - 2 WALL PIPE IN EXISTING WALL, TYPE 1. SEE DETAIL 2/P706
 - 3 VALVE AND ACTUATOR FURNISHED BY SBR MANUFACTURER

SHEET TITLE: **SUBGRADE LEVEL - ENLARGED PIPING PLANS**

CLIENT: **CITY OF HILL CITY**
HILL CITY, SOUTH DAKOTA

PREPARED BY: PWH
CHECKED BY: ZJR
APPROVED BY: JJK

PROJECT NO: 12021-2023-005
DATE: JUNE 2026
ALT PROJECT NO: 00000-0000

SHEET DESIGNATOR: **PB**
SHEET NO: **P101**

STATUS: FOR BIDDING

HILL CITY WWTf IMPROVEMENTS
Advanced Engineering and Environmental Services, LLC www.ae2s.com

Autodesk Docs 1/2021-2023-005 Hill City - WRRF Improvements/Hill City WWTF Expansion P. 024.v1 8/27/2026 11:20:18 AM

EQUIPMENT SCHEDULE					
TAG #	DESCRIPTION	TYPE	SPECIFICATION	FURNISHED BY	REMARKS
ERP1	EFFLUENT REUSE PUMP				
FF2	FUZZY FILTER				
PB4	SBR2 BLOWER			SBR MANUFACTURER	
UVC-ES1	EFFLUENT SAMPLER				RELOCATED
UVD	ULTRAVIOLET DISINFECTION UNIT				

INSTRUMENT SCHEDULE					
TAG #	DESCRIPTION	TYPE	SPECIFICATION	FURNISHED BY	REMARKS
CLF-FE1	8" MAGNETIC FLOW METER	MAGNETIC FLOW METER	40 71 00	CONTRACTOR	
FF1-FE1	6" FLOW METER	MAGNETIC FLOW METER	40 71 00	FUZZY FILTER MFG	
FF2-FE1	6" FLOW METER	MAGNETIC FLOW METER	40 71 00	FUZZY FILTER MFG	
UVD-FE1	SALVAGED 6" FLOW METER	MAGNETIC FLOW METER	40 71 00	OWNER	RELOCATED

VALVE SCHEDULE								
TAG #	DESCRIPTION	VALVE SIZE	CONNECTION	TYPE	SPECIFICATION	OPERATOR	FURNISHED BY	REMARKS
QLF-PIV1	PINCH VALVE	8"	FLANGE	PINCH VALVE	40 27 20		CONTRACTOR	
FF1-BFV3	BUTTERFLY VALVE	6"	WAFER	BUTTERFLY VALVE	46 61 21		FUZZY FILTER MFG	
FF2-BFV1	BUTTERFLY VALVE	3"	WAFER	BUTTERFLY VALVE	46 61 21		FUZZY FILTER MFG	
FF2-BFV2	BUTTERFLY VALVE	3"	WAFER	BUTTERFLY VALVE	46 61 21		FUZZY FILTER MFG	
FF2-BFV3	BUTTERFLY VALVE	6"	WAFER	BUTTERFLY VALVE	46 61 21		FUZZY FILTER MFG	
FF2-BFV4	BUTTERFLY VALVE	6"	WAFER	BUTTERFLY VALVE	46 61 21		FUZZY FILTER MFG	
FF2-BFV5	FLUSH VALVE	3"	FLANGED	BUTTERFLY VALVE	46 61 21		FUZZY FILTER MFG	
FF2-BV1	DRAIN VALVE	2"	FLANGED	BALL VALVE	46 61 21		FUZZY FILTER MFG	
FF2-CV1	CHECK VALVE	3"	WAFER	CHECK VALVE	46 61 21		FUZZY FILTER MFG	
FF2-CV2	CHECK VALVE	3"	WAFER	CHECK VALVE	46 61 21		FUZZY FILTER MFG	
FFB1-BFV2	BUTTERFLY VALVE	3"	FLANGED	BUTTERFLY VALVE	40 27 20		CONTRACTOR	
SBR1-BFV1	BUTTERFLY VALVE	8"	FLANGED	BUTTERFLY VALVE	46 50 16	ELECTRIC	SBR MFG	
SBR2-BFV1	BUTTERFLY VALVE	8"	FLANGED	BUTTERFLY VALVE	46 50 16	ELECTRIC	SBR MFG	
UVD-BFV1	BUTTERFLY VALVE	12"	FLANGED	BUTTERFLY VALVE	46 66 10		UV SYSTEM MFG	
UVD-BFV2	BUTTERFLY VALVE	6"	FLANGED	BUTTERFLY VALVE	46 66 10		UV SYSTEM MFG	



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: FOR BIDDING



HILL CITY WWTF IMPROVEMENTS

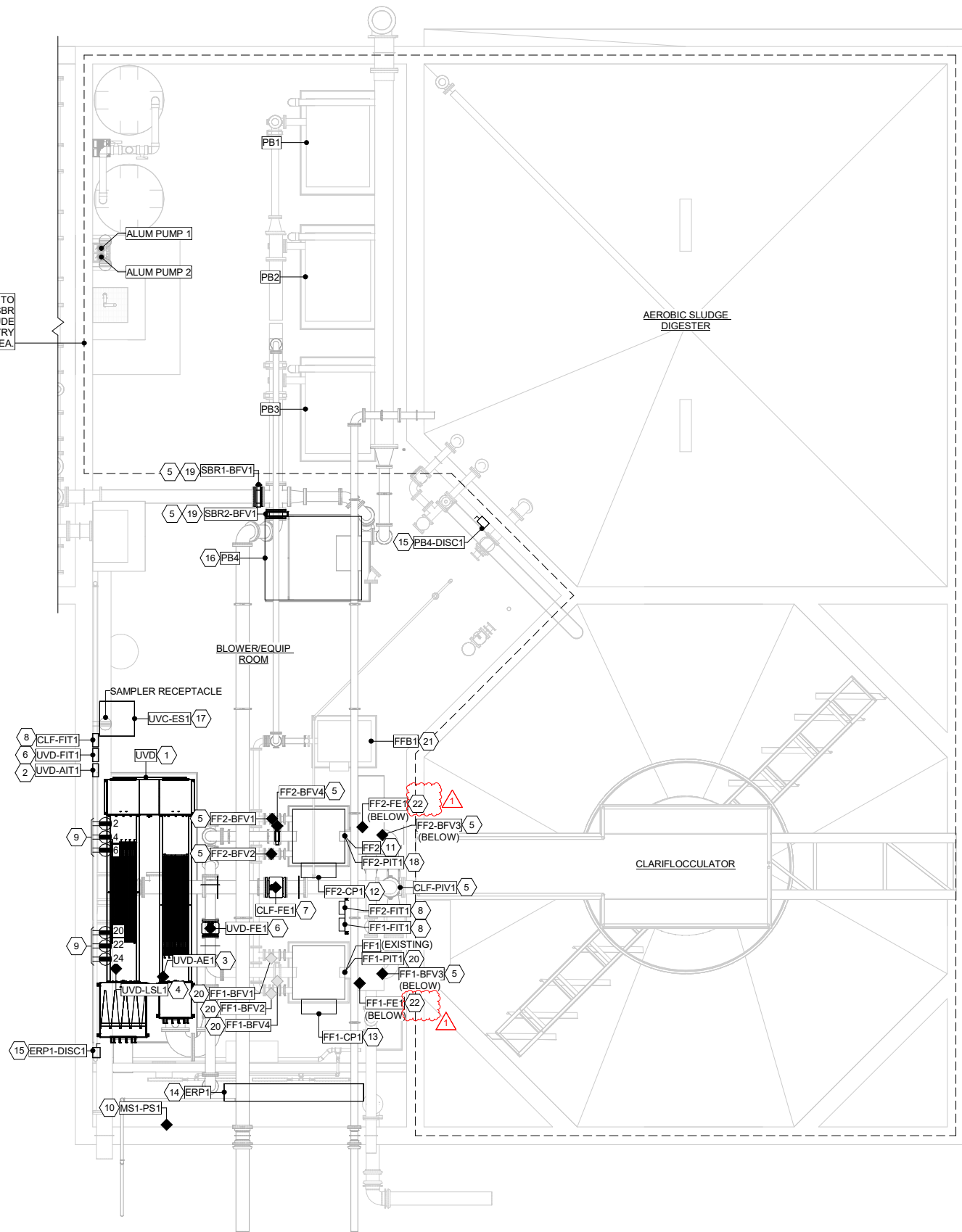
Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: PROCESS SCHEDULES

CLIENT:	CITY OF HILL CITY HILL CITY, SOUTH DAKOTA	PREPARED BY:	PWH
		CHECKED BY:	ZJR
		APPROVED BY:	JJK

PROJECT NO: 12021-2023-005	SHEET DESIGNATOR: PB	SHEET NO:	P601
DATE: JUNE 2026			
ALT PROJECT NO: 00000-0000			

NOTE: NO ELECTRICAL WORK TO BE DONE WITHIN EXISTING SBR AREA. THIS DOES NOT INCLUDE REMOVAL OF EXISTING CIRCUITRY ROUTED THROUGH THIS AREA.



1 SUBGRADE LEVEL ENLARGED ELECTRICAL PLAN VIEW
E104



CONSTRUCTION NOTES

- 1 UV DISINFECTION SYSTEM (46 66 10) FURNISHED AS PART OF COMPLETE UV SYSTEM PACKAGE AND INSTALLED BY CONTRACTOR.
- 2 UV TRANSMITTANCE CONTROLLER (46 66 10) FURNISHED AS PART OF COMPLETE UV SYSTEM PACKAGE AND INSTALLED BY CONTRACTOR. MOUNT CONTROLLER TO 304 STAINLESS STEEL STRUT RACK AT 48" A.F.F.
- 3 UV TRANSMITTANCE SENSOR (46 66 10) FURNISHED AS PART OF COMPLETE UV SYSTEM PACKAGE AND INSTALLED BY CONTRACTOR. MOUNT SENSOR WITHIN UV BANK PER MANUFACTURER REQUIREMENTS.
- 4 LOW LEVEL SWITCH FURNISHED AS PART OF UV PACKAGE AND INSTALLED BY CONTRACTOR. MOUNT LEVEL SWITCH WITHIN UV BANK PER MANUFACTURER REQUIREMENTS.
- 5 ELECTRICALLY ACTUATED VALVE (40 27 20). PROVIDE ROTARY DISCONNECT, MINIMUM 30A RATING. VOLTAGE/POLES AS REQUIRED, WITH RED LOCKABLE HANDLE, NEMA 3/4X NON-METALLIC ENCLOSURE EQUAL TO SQUARE D MD SERIES.
- 6 SALVAGED FLOWMETER AND FLOWMETER TRANSMITTER INSTALLED AND WIRED BY CONTRACTOR. COORDINATE FINAL LOCATION OF TRANSMITTER DURING CONSTRUCTION.
- 7 MAGNETIC FLOWMETER (40 71 00) FURNISHED BY SYSTEMS INTEGRATOR AND INSTALLED BY CONTRACTOR.
- 8 MAGNETIC FLOWMETER TRANSMITTER (40 71 00) FURNISHED BY SYSTEMS INTEGRATOR AND INSTALLED BY CONTRACTOR.
- 9 POWER DISTRIBUTION RECEPTACLE (46 66 10) FURNISHED AS PART OF COMPLETE UV SYSTEMS PACKAGE WITH WEATHERPROOF COVER AND INSTALLED BY CONTRACTOR. CIRCUITRY TO BE ROUTED FROM PANEL 'L' (SECTION 1)
- 10 PRESSURE SWITCH PROVIDED BY CONTRACTOR. SEE IO SCHEDULE FOR DETAILS.
- 11 NEW FUZZY FILTER (46 61 21) FURNISHED AS PART OF COMPLETE FUZZY FILTER PACKAGE AND INSTALLED BY CONTRACTOR.
- 12 NEW FUZZY FILTER INTEGRAL MAIN/LOCAL CONTROL PANEL (46 61 21) FURNISHED AS PART OF COMPLETE FUZZY FILTER PACKAGE AND CIRCUITED BY CONTRACTOR AS SHOWN WITHIN CABLE AND CONDUIT SCHEDULE. COORDINATE FINAL LOCATION AND ORIENTATION OF PANEL AND DOOR SWINGS DURING CONSTRUCTION.
- 13 NEW LOCAL CONTROL PANEL (46 61 21) FURNISHED AS PART OF COMPLETE FUZZY FILTER PACKAGE AND INSTALLED BY CONTRACTOR ON EXISTING FUZZY FILTER. COORDINATE FINAL LOCATION DURING CONSTRUCTION.
- 14 NEW PROCESS PUMP/MOTOR PROVIDED BY CONTRACTOR. SEE RELATED SCHEMATIC FOR DETAILS.
- 15 PROVIDE DISCONNECT SWITCH (26 28 18) WALL MOUNTED 48" A.F.F. SEE ONE-LINE DIAGRAM FOR DETAILS.
- 16 PROCESS BLOWER (43 11 33) PROVIDED BY CONTRACTOR. SEE RELATED SCHEMATIC AND IO SCHEDULE FOR DETAILS.
- 17 RELOCATED SAMPLER TO UTILIZE EXISTING RECEPTACLE.
- 18 PRESSURE TRANSMITTER PROVIDED INTEGRAL TO FUZZY FILTER UNIT (46 61 21) AND CIRCUITED BY CONTRACTOR.
- 19 VALVES FURNISHED BY SBR MANUFACTURER (46 50 16).
- 20 EXISTING FUZZY FILTER INSTRUMENTATION AND VALVES TO BE CIRCUITED TO NEW LOCAL FUZZY FILTER CONTROL PANEL (FF1-CP1). SEE CABLE AND CONDUIT SCHEDULE FOR DETAILS.
- 21 EXISTING EQUIPMENT TO BE PROTECTED DURING CONSTRUCTION.
- 22 MAGNETIC FLOWMETER FURNISHED AS PART OF FUZZY FILTER PACKAGE (46 61 21) AND INSTALLED BY CONTRACTOR.



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS FOR BIDDING

SYN	DATE	DESCRIPTION	APPR
1	09-16-26	ADDENDUM No. 2	JLW

HILL CITY WWTF IMPROVEMENTS

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SHEET TITLE: SUBGRADE LEVEL ENLARGED ELECTRICAL IMPROVEMENTS PLAN

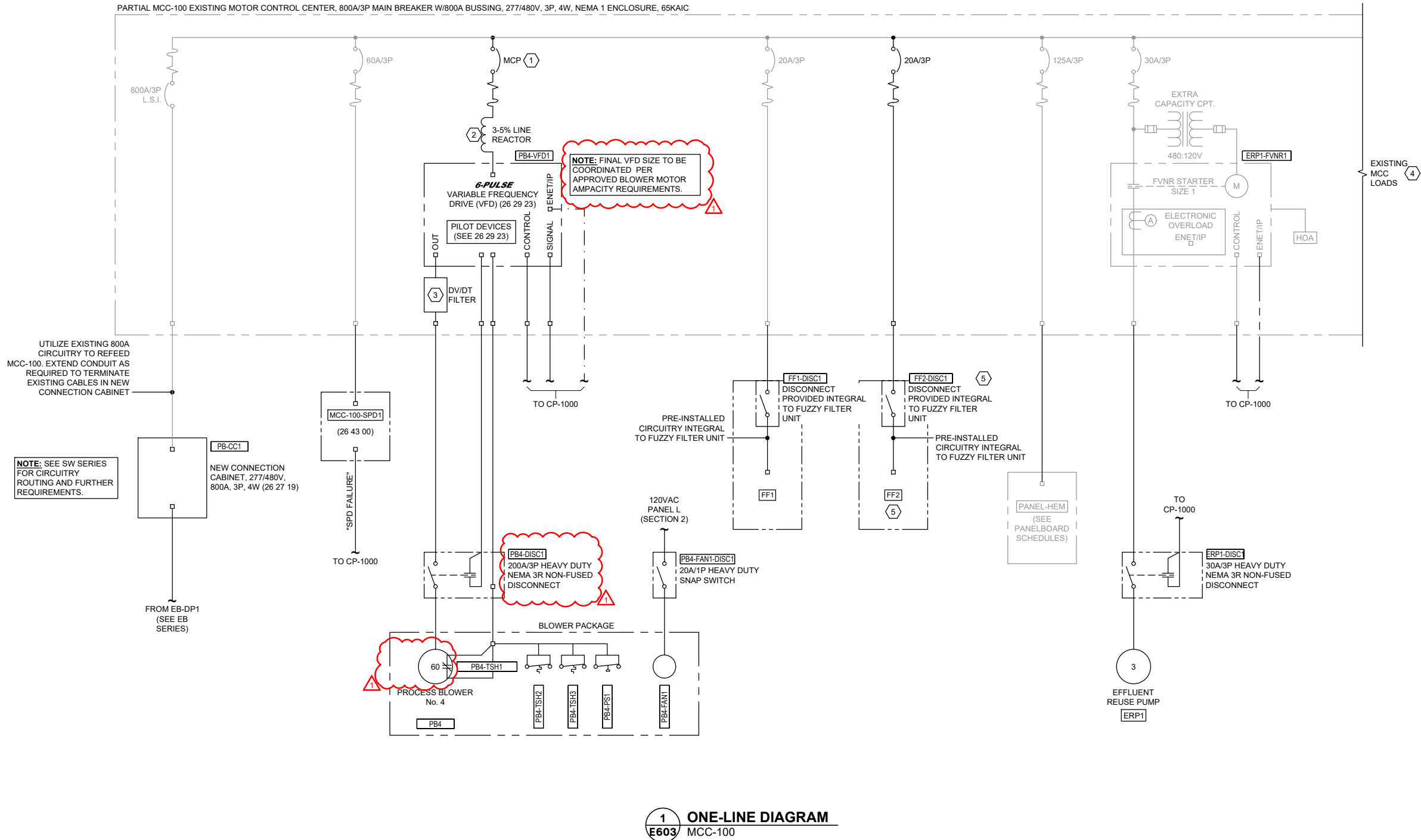
CLIENT: CITY OF HILL CITY
HILL CITY, SOUTH DAKOTA

PREPARED BY: CAT
CHECKED BY: TNF
APPROVED BY: JLW

PROJECT NO: 12021-2023-005
DATE: JUNE 2026
ALT PROJECT NO: N/A

SHEET DESIGNATOR: PB
SHEET NO: E104

File: C:\Users\lsmith\OneDrive\Documents\AES\2021-2023\2023-005 Hill City - WRF Improvement\Project Files\06 Electrical\Miscellaneous\Sheet E-603 Various One-Line Diagrams.dwg
Plotted By: Ian Smith Date: Wednesday, September 16, 2024





Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively





CONSTRUCTION NOTES

- OVERCURRENT PROTECTIVE DEVICE AS RECOMMENDED BY VFD MANUFACTURER.
- SEE SPECIFICATION SECTION (26 24 23) FOR INPUT LINE REACTOR REQUIREMENTS.
- SEE SPECIFICATION SECTION (26 24 23) FOR OUTPUT FILTER REQUIREMENTS.
- REMAINDER OF MCC-100 LOADS NOT SHOWN FOR CLARITY ON EQUIPMENT BEING MODIFIED OR REPLACED.
- FUZZY FILTER (46 61 21) TRAVELING PLATE ACTUATOR SYSTEM TO HAVE INTEGRAL STARTER AND DISCONNECT. DISCONNECT SHOWN FOR CLARITY.

SHEET TITLE: ONE-LINE DIAGRAM			
CLIENT: CITY OF HILL CITY HILL CITY, SOUTH DAKOTA		PREPARED BY: PGM CHECKED BY: TNF APPROVED BY: J.LW	
PROJECT NO: 12021-2023-005	SHEET DESIGNATOR: PB	SHEET NO: E603	
DATE: JUNE 2026	ALT. PROJECT NO: N/A		

STATUS: FOR BIDDING

1	09/16/26	DATE
1		SYM
		APPR

ADDENDUM No. 2

PROJECT TITLE: HILL CITY WWTF IMPROVEMENTS

Advanced Engineering and Environmental Services, LLC www.ae2s.com

File: C:\Users\lan\Documents\AES\12021-2023\005 Hill City - WWTF Improvements\Project Files\05 Electrical\Autocad\Plan Sheet\FF-PB Cable and Conduit Schedule.dwg
Plotted By: Ian Smith Date: Wednesday, September 16, 2026

CABLE AND CONDUIT SCHEDULE - PB SERIES														
TAGNAME	IDENTIFIER	CONDUIT		SERVICE RATING		CONDUCTORS						FROM	TO	NOTES
		QTY	SIZE			LO #	PARALLEL SETS			NTRL	GND			
							QTY	TYPE	SIZE					CABLE TYPE
PB-CC1		1	3-1/2"	277/480	3	1	3	1/C	#500	#500	#3	EB-DP1	PB-CC1	TYPE P2
MCC-100		2	3-1/2"	277/480	3	2	3	1/C	#500	#500	#1/0	PB-CC1	MCC-100	TYPE P2 NOTE #1
MCC-100-SPD1	A	1	1"	480	3	1	3	1/C	#6	-	#10	MCC-100	MCC-100-SPD1	TYPE P1
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	MCC-100-SPD1	CP-1000	TYPE P1
PB4	A	1	2"	480	3	1	1	3/C	#3	-	#3	PB4-VFD1	PB4-DISC1	TYPE P4
	B	1	2"	480	3	1	1	3/C	#3	-	#3	PB4-DISC1	PB4	TYPE P4
	C	1	3/4"	CONTROL	-	-	10	1/C	#14	-	-	PB4-VFD1	CP-1000	TYPE P1
	D	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	PB4-VFD1	CP-1000	TYPE S1
	E	1	3/4"	DATA	-	-	1 CAT 6 SHIELDED	-	-	-	PB4-VFD1	CP-1000	TYPE D3	
	F	1	3/4"	CONTROL	-	-	14	1/C	#14	-	-	PB4-VFD1	PB4-DISC1	TYPE P1
	G	1	3/4"	CONTROL	-	-	14	1/C	#14	-	-	PB4-DISC1	PB4	TYPE P1
	H	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 2)	PB4-FAN1-DISC1	TYPE P1
	I	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PB4-FAN1-DISC1	PB4-FAN1	TYPE P1
FF2	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	MCC-100	FF2 MOTOR (TERMINATE AT DISCONNECT)	TYPE P1
	B	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	FF2-CP1	FF2 MOTOR	TYPE P1
	C	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	FF2-CP1	FF2 MOTOR	TYPE S1
	D	1	3/4"	CONTROL	-	-	8	1/C	#14	-	-	FF2-CP1	FF2-BFV1	TYPE P1
	E	1	3/4"	CONTROL	-	-	8	1/C	#14	-	-	FF2-CP1	FF2-BFV2	TYPE P1
	F	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	FF2-CP1	FF2-BFV3	TYPE P1
	G	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	FF2-CP1	FF2-BFV3	TYPE S1
	H	1	3/4"	CONTROL	-	-	8	1/C	#14	-	-	FF2-CP1	FF2-BFV4	TYPE P1
	I	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	FF2-CP1	FF2-PIT1	TYPE S1
	J	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	FF2-CP1	FF2-FIT1	TYPE S1
	K	1	1"	MANUFACTURER FURNISHED CABLE								FF2-FIT1	FF2-FE1	-
	L	1	3/4"	DATA	-	-	1	CAT 6	-	-	-	FF2-CP1	CP-1000	TYPE D4
	M	1	3/4"	DATA	-	-	1	CAT 6	-	-	-	FF2-CP1	FF1-CP1	TYPE D4
FF1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	MCC-100	FF1 MOTOR (TERMINATE AT DISCONNECT)	TYPE P1
	B	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	FF1-CP1	FF1 MOTOR	TYPE P1
	C	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	FF1-CP1	FF1 MOTOR	TYPE S1
	D	1	3/4"	CONTROL	-	-	8	1/C	#14	-	-	FF1-CP1	FF1-BFV1	TYPE P1
	E	1	3/4"	CONTROL	-	-	8	1/C	#14	-	-	FF1-CP1	FF1-BFV2	TYPE P1
	F	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	FF1-CP1	FF1-BFV3	TYPE P1
	G	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	FF1-CP1	FF1-BFV3	TYPE S1
	H	1	3/4"	CONTROL	-	-	8	1/C	#14	-	-	FF1-CP1	FF1-BFV4	TYPE P1
	I	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	FF1-CP1	FF1-PIT1	TYPE S1
	J	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	FF1-CP1	FF1-FIT1	TYPE S1
	K	1	1"	MANUFACTURER FURNISHED CABLE								FF1-FIT1	FF1-FE1	-
RLS-PIV1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	PANEL HEM	RLS-PIV1-DISC1	TYPE P2
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	RLS-PIV1-DISC1	RLS-PIV1	TYPE P2
	C	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	CP-1000	RLS-PIV1	TYPE P1

CABLE AND CONDUIT SCHEDULE - PB SERIES														
TAGNAME	IDENTIFIER	CONDUIT		SERVICE RATING		CONDUCTORS					FROM	TO	NOTES	
		QTY	SIZE			LO #	PARALLEL SETS			NTRL			GND	CABLE TYPE
							CURRENT CARRYING							
				QTY	TYPE		SIZE							
	D	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	CP-1000	RLS-PIV1	-
UVD-FIT1/FE1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	CP-1000	UVD-FIT1	TYPE P1
	B	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	CP-1000	UVD-FIT1	TYPE S1
	C	1	1"	MANUFACTURER FURNISHED CABLE							UVD-FIT1	UVD-FE1	-	
UVD-AIT1/AE1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL LEM	UVD-AIT1	TYPE P1
	B	1	3/4"	CONTROL	-	-	6	1/C	#14	-	-	CP-1000	UVD-AIT1	TYPE P1
	C	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	CP-1000	UVD-AIT1	TYPE S1
	D	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	UVD-AIT1	UVD-AE1	TYPE P1
	E	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	UVD-AIT1	UVD-AE1	TYPE S1
UVC-ES1	A	1	3/4"	CONTROL	-	-	4	1/C	#14	-	-	CP-1000	UVC-ES1	TYPE P1
	B	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	CP-1000	UVC-ES1	TYPE S1
UV PDR No. 1		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 1)	UV PDR No. 1	TYPE P1
UV PDR No. 2		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 1)	UV PDR No. 2	TYPE P1
UV PDR No. 3		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 1)	UV PDR No. 3	TYPE P1
UV PDR No. 4		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 1)	UV PDR No. 4	TYPE P1
UV PDR No. 5		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 1)	UV PDR No. 5	TYPE P1
UV PDR No. 6		1	3/4"	120	1	1	1	1/C	#12	#12	#12	PANEL L (SECTION 1)	UV PDR No. 6	TYPE P1
CLF-FIT1/FE1	A	1	3/4"	120	1	1	1	1/C	#12	#12	#12	CP-1000	CLF-FIT1	TYPE P1
	B	1	3/4"	SIGNAL	-	-	1	2/C	#16	-	SHIELD	CP-1000	CLF-FIT1	TYPE S1
	C	1	1"	MANUFACTURER FURNISHED CABLE							CLF-FIT1	CLF-FE1	-	
CLF-PIV1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	PANEL HEM	CLF-PIV1	TYPE P1
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	CP-1000	CLF-PIV1	TYPE P1
	C	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	CP-1000	CLF-PIV1	TYPE S1
SBR1-BFV1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	PANEL HEM	SBR1-BFV1	TYPE P1
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	CP-1000	SBR1-BFV1	TYPE P1
	C	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	CP-1000	SBR1-BFV1	TYPE S1
SBR1-BFV2	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	PANEL HEM	SBR1-BFV2	TYPE P1
	B	1	3/4"	CONTROL	-	-	2	1/C	#14	-	-	CP-1000	SBR1-BFV2	TYPE P1
	C	1	1"	SIGNAL	-	-	2	2/C	#16	-	SHIELD	CP-1000	SBR1-BFV2	TYPE S1
ERP1	A	1	3/4"	480	3	1	3	1/C	#12	-	#12	ERP1-FVNR1	ERP1-DISC1	TYPE P1
	B	1	3/4"	480	3	1	3	1/C	#12	-	#12	ERP1-DISC1	ERP1	TYPE P1
	C	1	3/4"	DATA	-	-	1 CAT 6 SHIELDED	-	-	-	-	ERP1-FVNR1	CP-1000	TYPE D3

NOTE 1: CIRCUITRY TO BE REUSED TO THE GREATEST EXTENT. FIELD CONFIRM CABLE AND CONDUIT SIZE AND EXTEND AS NEEDED.



Certification of Individual Project Design Disciplines Are Included On Their Individual Drawings, Respectively



STATUS: **FOR BIDDING**

PROJECT TITLE: **HILL CITY WWTF IMPROVEMENTS**

Advanced Engineering and Environmental Services, LLC www.ae2s.com

SHEET TITLE: **CABLE AND CONDUIT SCHEDULE**

CLIENT: **CITY OF HILL CITY**
HILL CITY, SOUTH DAKOTA

PROJECT NO: 12021-2023-005
DATE: JUNE 2026
ALT. PROJECT NO: N/A

SHEET DESIGNATOR: **PB**

SHEET NO: **E801**

PREPARED BY: PGM

CHECKED BY: TNF

APPROVED BY: JLV

SECTION 46 41 00
MIXING EQUIPMENT

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:

1. Furnishing and installation of the following, in accordance with the provisions of the Contract Documents.
 - a. In-Line Static Mixer

B. Related Sections Include:

1. Section 01 33 00 - Submittal Procedures
2. Section 01 45 00 - Quality Control
3. Section 01 61 00 - Common Product Requirements
4. Section 01 75 00 - Starting and Adjusting
5. Section 01 77 00 - Closeout Procedures
6. Section 01 78 23 - Operation and Maintenance Data
7. Section 01 79 00 - Classroom Demonstration and Training
8. Section 40 27 00 - Process Piping - General
9. Section 40 27 05 - Process Piping Support Systems
10. Section 40 27 60 - Process Identification

1.02 SUBMITTALS

- A. Shop Drawings and Product Data shall be submitted in accordance with specification Section 01 33 00 and shall include detailed specifications, drawings, and data covering all materials, parts, devices, equipment, and other accessories forming part of equipment for the complete operational system.
- B. Operations and Maintenance Data shall be submitted in accordance with specification Section 01 78 23.

1.03 QUALITY ASSURANCE

- A. The equipment and material to be furnished under this Contract shall be in accordance with Section 01 45 00 - Quality Control and Section 01 61 00 - Common Product Requirements.

1.04 WARRANTY REQUIREMENTS

- A. A written warranty shall be provided for the equipment specified in this Section. The warranty shall be for a minimum period identified herein and shall begin from the date of Final Completion, as defined in Section 01 77 00. Such warranty shall cover all defects or failures of materials or workmanship that occur

as the result of normal operation and service. No prorated warranty will be accepted.

1. Contractor's Warranty: One (1) Year.
2. Manufacturer's Warranty: Minimum of one (1) year but not less than manufacturer's standard warranty period.

PART 2 - PRODUCTS

2.01 IN-LINE STATIC MIXER

- A. The static mixer shall be an inline device where dosed chemicals are mixed by energy of water alone, employing stationary mixing elements that efficiently promote intimate blending of water and dosed chemicals through a progression of divisions, expansions, and redistribution of flow. Moving parts are NOT acceptable.
- B. The mixing elements shall be compatible with the chemicals to be dosed at the maximum concentration to be in contact with the mixer and shall be of type 316 stainless steel construction. Chemicals include aluminum sulfate.
- C. Chemical injection will occur upstream of the mixer. Injection ports are not required in the body of the mixer itself.
- D. Any modifications to accommodate mixer brands, sizing, materials shall be incidental to the bid

2.02 DESIGN REQUIREMENTS

- A. The static mixer shall be capable of efficiently processing the full range of flow from 100 to 350 gpm.
- B. The static mixer shall be provided by manufacturer contained within a section of 8" schedule 10 316L stainless steel pipe. The pipe section shall not exceed 35 inches in length and be capable of direct connection to a 8" class 150 flange.

2.03 APPROVED MANUFACTURERS

- A. Koflo Corp., 309 Cary Point Drive, Cary, IL 60013 1-800-STATICS, order@koflo.com
- B. Statiflo Corp., 475 E. Housatonic St., Dalton, MA (413) 684-9911 (413) 684-9988 fax, sales@statiflo.com
- C. Approved Equal

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Install all equipment per the manufacturer's recommendations.
- B. System to be installed complete with all necessary connections, valves, pipes, fittings, and tubing.
- C. Contractor shall be responsible for pipe, tubing, and fittings.

END OF SECTION 46 41 00

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Hill City WWTF - 100% Process Review Clarifications RFI

9.11.2026



From	Spec Section	Request	Answer
PKG	46 21 35	Specification Section 46 21 35 page 12 & 13 for the Cylindrical Perforated Plate Screen only describes a radar level sensing device for upstream of the screen. Per note #10 on PTB-E102 there is also another radar level sensing device downstream of the screen that should also be provided by this specification section.	Downstream sensor not necessary, will remove note #10 PTB E102 in Addendum 2.
PKG	46 61 21	Per specification section 46 61 21 paragraph K on page 9 the flow meters shall be provided by the Fuzzy Filter manufacturer. Please update the Instrument schedule on page PB P601.	Noted, will update in Addendum 2.
PKG	43 25 13	On another note, the instrumentation supplier picked up VFD's for Backwash, Decant, and SBR Sludge Pumps. Per specification section 43 25 13 pages 6 through 10, only the SBR Decant lift station pumps are called out to have VFD's. If VFD's for the other pumps are required, please update this spec accordingly.	Addressed in Addendum 1. VFDs added to 45 25 13 for Backwash Lift Station and SBR Sludge Pumps.
PKG		Even though you have provided us with a manufacturer make and model # in addendum #1 for the effluent reuse pump in construction note #1 on PB P101, it would not be a bad idea to have an actual specification for the pump (we were asked during the previous phases to provide one if possible). The pump manufacturer will also need design specifications for the bladder tank (also mentioned in note #1 on PB P101). In earlier phases the pump supplier was wondering if it was even required for the pump to function properly.	Bladder tank was removed from project in Addendum 1. Intent is to use existing bladder tank as necessary.
PKG		Also as shown in addendum #1 on PB P101 note #42 says redundant alum pump....we have been told previously that both alum pumps were recently re-worked and are working properly so no new pump is required. If this is the case please delete the note for redundant alum pump or state that it is existing.	This pump is not required, note will be removed in Addendum 2.
PKG		As previously discussed on the phone earlier today we also need a specification for note #43 static mixer on addendum #1 drawing PB P101	Noted, will include specification in Addendum 2.
PKG		Two (2) Flocculator SEW Eurodrive Drive Assemblies. One (1) is Clockwise and one (1) is Counter-clockwise. (just drives...no paddles)	The general arrangement of two SEW Eurodrive drive assemblies, with one clockwise and one counter-clockwise, is consistent with our understanding of Note 1. Before we confirm the proposed equipment, please provide the proposed drive information including motor HP, voltage, output RPM, gear ratio/service factor, and mounting/interface information. Since the existing flocculator paddles and associated equipment are being reused, please also have Envirodyne confirm that the proposed drive assemblies are properly sized for the existing equipment and are compatible with the existing shafts/mounting arrangement. Please clarify what is included with each drive assembly (motor, reducer, coupling/adaptor, etc.).
PKG	40 72 00	I would like to ask that as the KPSI 750 is no longer available that the PMC VL2000 be added to this specification.	This is acceptable, will update in Addendum 2.
PKG	40 75 00	I would also like to ask that the InSite 1000 a BABA compliant instrument be added to the specification.	Please provide additional detail on this instrument, it appears to be discontinued. Also note that this project is AIS, not BABA compliant.
PKG		Label the valves that are called out in the Blower specification section 43 11 33 -10 paragraphs 2.12, 2.13, & 2.14 on the drawings or update the valve schedule.	These valves are to be factory installed on the blower. Responsibility of the blower mfg to provide.
PKG		Label the valves that are called out in the SBR specification section 46 50 16 -6 paragraph A on the drawings or update the valve schedule (2 valves)	Addressed in addendum 1, valve schedule has been updated

PKG		Label the valves that are called out in the Fuzzy Filter specification section 46 61 21 - 8 paragraph H1, H2, & H3 on the drawings or update the valve schedule (9 valves total)	Addressed in addendum 1, valve schedule has been updated
Vessco	43 11 33	I have one option struggling to stay in a 60 HP motor, and another option that's moving all the way up to 75 HP. Spec originally was 40 HP and at the time we mentioned it needed to be 50 HP – that was changed, but the performance conditions changing means I have 2/3 named options that aren't particularly close to the newly spec'd 50 HP when accounting for things like temperature and elevation	Clarifications to the Blower Spec were issued in Addendum 1. A 50 HP blower appears sufficient by AE2S calculations. However, electrical updates have been made to accommodate a 60 HP motor for the blower. See Addendum 2 PB E603 and PB E801
PKG	33 10 00	Tnemec Series 431 for Protecto 401 lining system alternate	Tnemec Series 431 is an acceptable alternate. Spec will be updated in Addendum 2
PKG	40 42 13	The general note 1 could be interpreted to mean all interior valves, flanges, etc. Does this refer to all exposed piping? And would they would need to insulate and heat trace per note #5. Or does this only apply to exterior exposed valves, flanges, etc?	The intent is not to require heat tracing and insulation of all interior process piping. Specification Section 40 42 13, Paragraph 3.01.A.5 applies to exterior above-ground liquid piping and piping located in unheated areas where freezing may occur. This piping shall be heat traced and insulated, including associated valves, flanges, and pipe couplings. Interior piping located within heated spaces does not require heat tracing or insulation unless specifically indicated on the Drawings or required elsewhere in the Contract Documents. Paragraph 3.01.A.1 applies to valves, flanges, and pipe couplings associated with piping that is required to be insulated.
PKG	40 42 13	Does the spec require insulation for process air piping?	No insulation is required on exposed interior process air piping.
Horsely Specialties	03 35 43	Is the floor getting ground down to medium aggregate and receiving a 400 grit polish or is just sealed concrete?	The floor will not be polished, only sealed per PTB A741.
Horsely Specialties	03 35 43	Is the floor receiving a reactive or penetrating stain? If so what staining products would you like to use? The only product listed in the spec is the sealer/densifier "Prosoco – Consolideck LS	No penetrating stain or other treatments required, only clear sealant.
PKG	PB P401	There is a note on PB P401, note 1, to remove and replace the existing mixer motors and gear drives. From my understanding, we would disconnect the existing drives at the Upper Flanged Coupling and replace from that point up. Does that match your intent?	This matches with the intent of note 1. The information provided by Envirodyne appears acceptable.
PKG	46 61 21	Please verify if the following options will be required on the new Fuzzy Filter. OPTIONS: 1. Washbox similar to existing filter in lieu of latest design 2. Ladder similar to the existing filter	1. Utilize current washbox design instead of matching existing filter. 2. Include a ladder to match existing filter.

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 01C – General Construction
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM

BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

Base Bid: _____
_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

ALTERNATES: Circle Add or Deduct as Applicable (All alternate pricing will be valid for 60 days after bid)

Alternate: N/A

**Hill City WWTF Improvements
BID PACKAGE # 01C – General Construction
September 21, 2026 Addendum 2**

If applicable, identify any voluntary alternates or value engineering options in the section below. Include alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attach schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

Hill City WWTF Improvements
BID PACKAGE # 01C – General Construction
September 21, 2026 Addendum 2

BIDDER:		(Type Name of Firm)
BY:		(Signature of Firm's Representative)
		(Type Name and Title of Firm's Representative)
TELEPHONE NO.		
FACSIMILE NO.		
E-MAIL ADDRESS		
BUSINESS ADDRESS		
STATE OF INCORPORATION		

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section 02 42 00	REMOVAL AND SALVAGE OF CONSTRUCTION MATERIALS	As Applicable;
Section 07 41 13	METAL ROOF PANELS	Complete;
Section 07 62 00	SHEET METAL FLASHING AND TRIM	As Applicable;
Section 08 11 13	HOLLOW METAL DOORS AND FRAMES (Install Only)	Complete;
Section 08 16 13	FIBERGLASS REINFORCED DOOR AND FRAMES (Install Only)	Complete;
Section 08 31 00	FLOOR ACCESS HATCHES	Complete;
Section 08 71 00	DOOR HARDWARE (Install Only)	Complete;
Section 10 44 16	FIRE EXTINGUISHERS	Complete;
Section 32 31 13	FENCES AND GATES	Complete;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;

In the event of a conflict or ambiguity between the following "clarifications" to the scopes of Work and the contract documents, the contract documents shall control. The following "Scope Clarifications" are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE

Hill City WWTF Improvements
BID PACKAGE # 01C – General Construction
September 21, 2026 Addendum 2

USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all-inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly

2. Rough Carpentry Material Supply and Installation included, but not limited to the following:

- Provide all rough and exterior carpentry per the contract documents
- Provide all wood blocking, cants., and storefront/aluminum window blocking:
 - Include provide all flashings on wood blocking for these items as required
- Provide all parapet blocking and sheathing
- Provide all miscellaneous flashings as required not being carried by other bid packages
- Provide all pressure treated material in contact with concrete, masonry, and steel as required
- Provide all accessories including but not limited to:
 - Fasteners, anchors, bolts, and hardware to fasten materials as required

3. Metal Roofing Material Supply and Installation included, but not limited to the following:

- Provide all metal roof and wall panels complete per the contract documents
- Metal Roof Panel Systems:
 - Provide all metal roof panels as required
 - Provide all snow guards as required
 - Provide weather barrier beneath metal roof panel assemblies as required

Hill City WWTF Improvements
BID PACKAGE # 01C – General Construction
September 21, 2026 Addendum 2

- Provide all associated trims and flashings including:
 - Cleats, aprons, rake trims, sidewall flashings, counter flashings, ridge venting...etc.
 - All other materials required to provide a complete system
 - Provide all plumbing & electrical penetrations boots as required
 - Provide all joint sealants as per the manufacture requirements
4. **Hollow/Fiberglass Door Frame INSTALLATION included, but not limited to the following:**
- Install all hollow/Fiberglass door frames complete per the contract documents
5. **Specialty Material and Supply included, but not limited to the following:**
- Supply and Install all specialties complete per the contract documents including:
 - fire protection specialties
 - Supply and Install of all Access Hatches per specifications
6. **Supply and Install including, but not limited to the following:**
- Provide all fencing and gates complete per the contract documents including:
 - All post excavation and concrete or post mounted brackets to concrete
 - All fencing and gates
 - All fence posts, horizontal members, and panels
 - All caps, hinges, locks, latches, anchors, and misc. hardware
7. **Contractor to include all applicable City and State sales taxes**

SCOPE OF WORK EXCLUSIONS:

1. Hollow Metal Frame Material Supply

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2
EXHIBIT “2” - BID FORM
BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

Base Bid: _____
_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

ALTERNATES: Circle Add or Deduct as Applicable (All alternate pricing will be valid for 60 days after bid)

Alternate: N/A

**Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2**

If applicable, identify any voluntary alternates or value engineering options in the section below. Include alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attached schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2

BIDDER:		(Type Name of Firm)
BY:		(Signature of Firm's Representative)
		(Type Name and Title of Firm's Representative)
TELEPHONE NO.		
FACSIMILE NO.		
E-MAIL ADDRESS		
BUSINESS ADDRESS		
STATE OF INCORPORATION		

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section 03 01 00	MAINTENANCE OF CONCRETE	Complete;
Section 03 10 00	CONCRETE FORMING AND ACCESSORIES	Complete;
Section 03 20 00	CONCRETE REINFORCING	Complete;
Section 03 30 00	CAST-IN-PLACE CONCRETE	Complete;
Section 03 35 43	POLISHED CONCRETE FINISHING	Complete;
Section 03 41 13	PRECAST CONCRETE HOLLOW CORE PLANKS (Install Only)	Complete;
Section 03 45 00	PRECAST ARCHITECTURAL CONCRETE	Complete;
Section 03 96 90	WATER TIGHTNESS TEST OF HYDRAULIC STRUCTURES	Complete;
Section 32 13 13	CONCRETE PAVEMENT	Complete;
Section 32 16 13	CURBS, GUTTERS, AND SIDEWALKS	Complete;
Section 32 39 14	SIGNAGE AND BOLLARDS (Install Only)	Complete;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;
GEOTECHNICAL ENGINEERING REPORT,		As Applicable;

In the event of a conflict or ambiguity between the following "clarifications" to the scopes of Work and the contract documents, the contract documents shall control. The following "Scope Clarifications" are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of

Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2

this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Contractor to provide all exterior trench drain frame and grate assemblies
- Contractor to provide all interior trench drain frame and grate assemblies
- Contractor to provide all self-adhered Damp-proofing membrane system at concrete steam wall location as required
- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly
- Include \$45,000.00 for crane service in this bid package (required)
 - Include \$85.00 per hour for an operator.
 - Monthly crane rental by GC
 - Due to tight nature of site the subcontractors crane will not be permitted on site.
- ***Included in this bid package contractor to include 4” “mud mat” concrete pad under SBR slab. Concrete to be unreinforced concrete. Addendum 2.***
- ***A fee of \$500 will be assessed on any submittal requiring more than one resubmittal. All submittals designated “Make Corrections Noted” shall be corrected and resubmitted for records. Addendum 2.***

Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2

- *Include costs for cranes, including, but not limited to, delivery to and from site, assembly, and tear down. Addendum 2.*
 - *Form and place all housekeeping pads for electrical, HVAC, mechanical, and equipment bid packages. Coordinate with trades for location and size. Addendum 2.*
 - *Form and place all concrete pipe supports as shown in the plans for Bid Package 46a. Addendum 2.*
 - *Form and place all pump pads as shown in the plans for Bid Package 46a. Addendum 2.*
 - *Form and place generator slab foundation as shown in the plans. Addendum 2.*
 - *Subcontractor responsible for setting embed plates provided by precast erector. Coordinate locations with precast erector prior to concrete placement. No embeds will be allowed to be wet set. Addendum 2.*
 - *QC will be checked by CMAR to ensure proper consolidation of concrete. Addendum 2.*
 - *Mud snake or concrete tremie will be required on all wall pours. (no dumping of concrete) Addendum 2.*
 - *All ties to be break off with cones for hand-set panels. Gang forms require internal ties with waterstop. Addendum 2.*
 - *Include sampler Shed pad Addendum 2*
 - *Include Asphalt Paving per addendum 2*
- 2. Foundations and flatwork including, but not limited to the following:**
- All building cast-in-place concrete complete per the contract documents
 - All concrete drilled piers:
 - Drilling of piers
 - Spoils removal
 - Setting of rebar cages
 - Placement of concrete in drilled piers
 - All grade beams
 - All continuous footings and pad footings
 - All foundation walls, stoop walls, piers/pilasters, and the following:
 - Setting of all anchor bolts/embeds
 - Anchor bolts/embeds provided by others
 - Rigid foundation insulation
 - Grouting of all base plates
 - Bituminous painting of base plates and bottoms of columns
 - ⊖ **Dampproofing Removed via Addendum 2**
 - All slab-on-grade and slab-on-deck, stoops, and the following:
 - Vapor barrier
 - Slab insulation
 - All concrete reinforcement
 - All joint sealants and caulking as required
 - All polished and sealed concrete as required
- 3. Site concrete including, but not limited to the following:**
- All site cast-in-place concrete complete per the contract documents

Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2

- Concrete paving
- Curbs, gutters, and valley pans/gutters
- Sidewalks
- Bollards (bollard material by others):
 - Include setting of bollards
 - Include concrete bollard footings
 - Include filling bollards with concrete
- Detectable warning panels
- ~~All joint sealants and caulking as required~~ **Removed via Addendum 2**
- All site concrete reinforcement
- All exterior trench drain frame and grate assemblies
- Exterior equipment pads

4. Precast Concrete ERECTION included, but not limited to the following:

- Erection of all precast concrete complete per the contract documents
- Erection of all anchors, bolts, washers, shims, fasteners, and connection devices
- Erection of all temporary bracing (including any concrete deadmen) of precast prior to setting of structural steel elements:
 - Removal of temporary bracing after structural steel elements have been set
- Grouting of all items installed within this scope of work
- Provide and remove all necessary guard rails for all contractor's use per OSHA's standards
- Wash down and cleaning of the interior and exterior of all precast installed
- Provide erection plan and coordinate that plan with CM prior to mobilizing to the site
- Erection contractor to provide the following:
 - Lift plans for all critical picks
 - Rigging plan (including hardware inspection protocol)
 - Crane placement and outrigger mat plan
 - Panel pick point verification
 - Wind speed monitoring protocol and shutdown criteria
 - Exclusion zones beneath picks
 - Fall protection for panel connections
 - Daily inspection logs for harnesses and lanyards
 - Rescue plan for fall arrest incidents
 - Certified crane operators (NCCCO or equivalent)
 - Signal person certification
 - Rigger qualification documentation
 - Daily crane inspection logs
 - Annual crane inspection certification
 - 100% barricading of swing radius

5. General Notes:

- It is the responsibility of this contractor to ensure that the aggregate base course provided by others (installed to +/- .10') is sufficient and correct before commencing work
 - Any issues must be brought to the Construction Manager (CM) prior to work commencing

Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2

- The last .10' will be installed by this bidder from an onsite stockpile
 - All blue topping or fine grading to be done under this contract
- All concrete reinforcing including:
 - All reinforcing steel bars and wire mesh reinforcing
 - All dowels (smooth or deformed) and greasing
 - All bolsters, hangers, chairs, runners, slip caps, spacers...etc.
 - All drilling and epoxying as required
 - Provide and place required safety measures for rebar (Caps)
- All concrete formwork including:
 - All required bracing, supports, shoring, and re-shoring
 - All supplementary formwork for:
 - Construction joint covers recesses
 - Raised areas
 - Chamfers, keyways; openings in forms, pit forms...etc.
 - Form savers
 - Form liners
 - All miscellaneous formwork as shown or specified
 - Includes any required formwork engineering where specified or required by ACI
- All concrete accessories indicated including:
 - Void forms and Styrofoam fill
 - Water stops, reglets, and dovetail slots
 - Bonding agents
 - Contraction and construction controls
 - Expansion joints, isolation joints, fillers and bond breakers
 - Placement of the following (provided by others):
 - Anchor bolts, embeds, sleeves, bollards, and steel assemblies casted-in-place
 - Other embedded items or anchors including furnishing of required templates.
 - ***All costs to correct omitted or misplaced embedded assemblies shall be borne by this contractor***
- All required layout of items within this bid package:
 - Gridlines and benchmarks to be provided by CM
 - Including embeds and finish elevations of all concrete
- Provide all concrete finishes as required
- Grout all base plates, anchor bolt assemblies, and recesses as required:
 - Clean and repair areas prior to grouting
- Contractor to include all cold or hot weather concrete work as specified including:
 - Hot water, ice, enclosures, fog sprayers, protection, temporary heating...etc.
- Provide all concrete materials, additives, and admixtures as required:
 - Contractor to review project schedule to determine necessary admixtures accordingly
- Provide all concrete curing and protection
 - Coordinate and provide curing materials/methods compatible with floor finish materials and waterproofing
 - Cure all slabs receiving finished products, seals, and stains in accordance with specifications and as recommended by manufacturer
- Clean-up and dispose of all waste including:
 - Concrete waste, debris, trash, detrimental soils, and spoils

Hill City WWTF Improvements
BID PACKAGE # 03A – Foundation and Site Concrete
September 21, 2026 Addendum 2

- Concrete waste to be confined to an area approved by the CM:
 - This area is to be periodically cleaned as directed by the CM
 - Upon completion remove and legally dispose of concrete waste area
 - All unacceptable materials to be removed from the site
 - Concrete waste area to be restored in per the documents and accepted by the CM
 - Clean and remove the following during the placing of concrete and stripping of forms:
 - Concrete spillage, drippings, laitance, dried concrete films...etc.
 - All new areas are to be broom cleaned of this debris
 - Includes cleaning and/or protection of masonry and all other work from concrete splatters or drippings
 - All formwork, metal decks, pour areas of any nature to be inspected by the CM prior to any concrete placement.
 - Costs to correct the following, if found to be non-conforming, shall be borne by this contractor:
 - Required patching, leveling, and grinding of slabs or slab finishes
 - Elevated formed surfaces that are out of tolerance or because of form failure
 - ~~Provide all interior and site joint sealants as required.~~ **Removed via Addendum 2**
 - ~~Coordinated the wet setting of shear wall hold down anchor bolts with Bid Package 6A Rough Carpentry~~ **Removed via Addendum 2**
6. Contractor to include all applicable City and State sales taxes

SCOPE OF WORK EXCLUSIONS:

1. Materials Testing
2. Base Course Material Supply
3. Supply of Anchor Bolts/Embeds

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 05A – Miscellaneous Metals
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM

BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER_____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

BASE BID – Erection Only

_____ DOLLARS (\$_____)

Payment and Performance Bond (P&P Bond): Erection Only

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$_____)

BASE BID –Supply Only

Hill City WWTF Improvements
BID PACKAGE # 05A – Structural Steel
September 21, 2026 Addendum 2

_____ DOLLARS (\$_____)

Payment and Performance Bond (P&P Bond): Supply Only

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$_____)

BASE BID – Miscellaneous Metals: Combined Supply and Erection Bid

_____ DOLLARS (\$_____)

Payment and Performance Bond (P&P Bond): Combined Supply and Erection

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$_____)

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$_____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$_____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attached schedule.

Hill City WWTF Improvements
BID PACKAGE # 05A – Structural Steel
September 21, 2026 Addendum 2

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

BIDDER: _____ (Type Name of Firm)
BY: _____ (Signature of Firm's Representative)
_____ (Type Name and Title of Firm's Representative)
TELEPHONE NO. _____
FACSIMILE NO. _____
E-MAIL ADDRESS _____
BUSINESS ADDRESS _____ _____
STATE OF INCORPORATION _____

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section 05 12 00	STRUCTURAL STEEL FRAMING	Complete;
Section 05 50 00	METAL FABRICATIONS	Complete;
Section 05 51 19	METAL GRATING STAIRS AND RAILINGS	Complete;
Section 32 39 14	SIGNAGE AND BOLLARDS (Supply Only) Addendum 2	Complete;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;

Hill City WWTF Improvements
BID PACKAGE # 05A – Structural Steel
September 21, 2026 Addendum 2

In the event of a conflict or ambiguity between the following “clarifications” to the scopes of Work and the contract documents, the contract documents shall control. The following “Scope Clarifications” are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all-inclusive of Contract Documents for the particular items referenced. (Please note: The word “supply” when used herein shall mean furnish completely, including all costs for labor, materials, equipment, delivery to project site and any other facilities necessary to complete the work. Please note: The word “install” when used herein shall mean install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly
- Include \$85.00 per hour for an operator.
- Monthly crane rental by GC
- Due to tight nature of site the subcontractors crane will not be permitted on site.

Hill City WWTF Improvements
BID PACKAGE # 05A – Structural Steel
September 21, 2026 Addendum 2

2. Structural Steel MATERIAL SUPPLY included, but not limited to the following:

- It will be a requirement that the steel supplier, who is awarded this package, will provide their design model to the CM for all items being provided in this package
- Supply all structural steel complete per the contract documents including:
 - Structural columns, beams, trusses, decking...etc.
- Supply all metal fabrications, miscellaneous, loose steel including:
 - Anchor bolts, embed plates, angles...etc.
 - Steel stair assemblies
 - Stair assemblies to be shop assembled as directed by CM prior to fabrication
 - Stair assemblies are **not** to be shipped “loose” requiring extensive field assembly and if suppliers have detailed questions about this, they are to ask RFI to CM prior to bids being due and will not be able to claim additional compensation after the bidding process has completed
 - Structural steel lintels
 - FRP Grating and required accessories
 - Roof access ladders
 - Steel bollards (building and site/civil):
 - As shown on site/civil plans
 - As shown on architectural plans
 - Pipe and tube railings including:
 - Stair/wall mounted
 - Building and site/civil railings
 - All embeds, inserts, and sleeves as required
 - Ornamental steel
 - All anchors, anchor bolts, bolts, washers, shims...etc.
- Supply all submittals and shop drawings including:
 - Connection details
 - Required design and engineering calculations
 - All other stipulated performance requirements in accordance with documents
- Supply all welder certifications:
 - Subcontractor is responsible for costs for welder certifications and any welder re-tests
- Supply all steel or aluminum finishes or galvanizing as indicated or required
- Supply all shop painting and surface preparation of steel as specified
- Delivery of all materials to project site
 - Coordinate all deliveries with the CM
- Suppliers need to include all applicable City and State sales taxes

3. Structural Steel ERECTION included, but not limited to the following:

- Contractor to field verify all existing building components as required for this scope of work
- Erect all structural steel complete per the contract documents including:
 - All equipment as required for a complete installation
 - Structural columns, beams, trusses, decking...etc.
- Erect all metal fabrications, miscellaneous, loose steel including:
 - Anchor bolts, embed plates, angles...etc.
 - Structural steel stair assemblies

Hill City WWTF Improvements
BID PACKAGE # 05A – Structural Steel
September 21, 2026 Addendum 2

- FRP Grating
- Structural steel lintels
- Roof top unit support steel
- Roof deck opening support steel
- Roof access ladders
- Pipe and tube railings including:
 - Stair/wall mounted
 - Building and site/civil railings
 - All embeds, inserts, and sleeves as required
- Ornamental steel
- Structural Steel Thermal-Break Assemblies
- All Provide all welder certifications:
 - Subcontractor is responsible for costs for welder certifications and any welder re-tests
- All anchors, epoxy anchors, anchor bolts, bolts, washers, shims, sleeves, expansion bolts, fasteners, connection and attachment devices for securing or erecting of all structural steel elements
- Contractor shall utilize crane mats, shoring, and/or other precautions or routes, when moving any cranes to avoid damage to existing underground utilities or manholes, existing surface paving, and structures, etc.
- Contractor to receive/unload/support off ground on dunnage all structural steel including:
 - All steel, joists, decking, metal fabrications, and appurtenances as necessary:
 - To keep materials free from dirt, mud, soil, damage, and corrosion
 - All damaged, soiled, and corroded materials resulting from inadequate unloading, storage, protection and/or prosecution of the work, as determined by the CM, will be repaired, replaced, and cleaned prior or after installation.
- CM will provide (ONLY to the extent available) limited on-site area for:
 - Shakeout and unloading of structural steel material
 - Contractor will need to cooperate with other trades within space available

4. Safety:

- **Erection contractor to provide the following:**
 - Decking installation procedures
 - Deck bundles placement plan
 - Perimeter cable guardrail installation sequencing
 - Double connection procedures
 - Temporary bracing plan
 - Field welding procedures (including fire watch protocol)
 - Hot work permits
 - Structural stability sequencing
 - Daily inspection logs for harnesses and lanyards
 - Rescue plan for fall arrest incidents
 - Certified crane operators
 - Signal person certification
 - Rigger qualification documentation
 - Daily crane inspection logs

Hill City WWTF Improvements
BID PACKAGE # 05A – Structural Steel
September 21, 2026 Addendum 2

- Annual crane inspection certification
- 100% barricading of swing radius
- **Installation contractor to assist with installation of fall protection measures (angles/nuts/cables for temporary edge railing...etc.); safety materials to be provided by the CM**

5. Contractor (both supply and installation) to include all applicable City and State sales taxes

SCOPE OF WORK EXCLUSIONS:

1. Materials Testing
2. Precast Supply or Installation
3. **Bollard Installation Addendum 2**

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 09E – Painting and Coating
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM
BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder’s General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

The below base bid option give the bidder three options: 1. Painting only, 2. High performance painting only, or 3. Painting and High-Performance combined

Base Bid (Painting Only – Precast, Misc metals, bollards and doors):

_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond): (Painting Only – Precast, Misc metals, bollards and doors):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

Base Bid (High Performance Painting Only – Process Piping/Equipment):

_____ DOLLARS (\$ _____)

Hill City WWTF Improvements
BID PACKAGE # 09E – Painting and Coating
September 21, 2026 Addendum 2

Payment and Performance Bond (P&P Bond): (High Performance Painting Only – Process Piping/Equipment):
Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$_____)

Base Bid (High Performance Painting and Painting Combined):

_____ DOLLARS (\$_____)

Payment and Performance Bond (P&P Bond): (High Performance Painting and Painting Combined): Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$_____)

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$_____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$_____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attached schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

Hill City WWTF Improvements
BID PACKAGE # 09E – Painting and Coating
September 21, 2026 Addendum 2

BIDDER: _____ (Type Name of Firm)
BY: _____ (Signature of Firm's Representative)
_____ (Type Name and Title of Firm's Representative)
TELEPHONE NO. _____
FACSIMILE NO. _____
E-MAIL ADDRESS _____
BUSINESS ADDRESS _____ _____
STATE OF INCORPORATION _____

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section: 079200	- Joint Sealants,	As Applicable;
Section 09 90 02	HIGH PERFORMANCE PAINTING AND COATINGS,	Complete
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;

In the event of a conflict or ambiguity between the following "clarifications" to the scopes of Work and the contract documents, the contract documents shall control. The following "Scope Clarifications" are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City
Construction Manager (CM) shall mean Scull Construction Service
Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

Hill City WWTF Improvements
BID PACKAGE # 09E – Painting and Coating
September 21, 2026 Addendum 2

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- **Contractor to include 40 hours of touch up painting in their bid due to trade damage:**
 - **Any touch-up paint over 40 hours shall be reimbursed at a rate of \$60 per hour, including materials, for touch up work, ONLY after Scull project superintendent accepts original product in accordance with plans and specs**
- Contractor to provide all required manlifts and temporary scaffolding to perform the work as required
- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly

2. Material Supply and Installation included, but not limited to the following:

- Provide all painting complete per the contract documents including:
 - All interior/exterior painting including:
 - **All required manlifts and temporary scaffolding to perform the work as required**
 - All surfaces called to receive painted finish
 - All hollow metal frames and doors
 - All steel bollards
 - All steel handrail
 - Contractor to protect all labeling on material, including fire rated labels on doors, frames, etc.
 - ~~Contractor to include bid reasonable touch up painting expenses in their bid.~~
 - ⊖ **Touch up painting per required hours above.**
 - All high-Performance Painting required:
 - Paint process piping and fittings per the documents

**Hill City WWTF Improvements
BID PACKAGE # 09E – Painting and Coating
September 21, 2026 Addendum 2**

- Surface prep as required by the documents
3. Contractor to include all applicable City and State sales taxes

SCOPE OF WORK EXCLUSIONS:

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 22A – Plumbing
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM

BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, bond, and alternates:

BASE BID _____

_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

ALTERNATES: Circle Add or Deduct as Applicable (All alternate pricing will be valid for 60 days after bid)

Alternate: N/A

**Hill City WWTF Improvements
BID PACKAGE # 22A – Plumbing
September 21, 2026 Addendum 2**

If applicable, identify any voluntary alternates or value engineering options in the section below. Include alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attach schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

**Hill City WWTF Improvements
 BID PACKAGE # 22A – Plumbing
 September 21, 2026 Addendum 2**

BIDDER: _____ (Type Name of Firm)
BY: _____ (Signature of Firm's Representative)
_____ (Type Name and Title of Firm's Representative)
TELEPHONE NO. _____
FACSIMILE NO. _____
E-MAIL ADDRESS _____
BUSINESS ADDRESS _____ _____
STATE OF INCORPORATION _____

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section: 079200	- Joint Sealants,	As Applicable;
Section 22 05 53	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	Complete;
Section 22 10 05	PLUMBING PIPING	Complete;
Division 31	Earthwork	As Applicable;
Section 40 42 13	PROCESS PIPING INSULATION AND HEAT TRACING	As Applicable;
Addendum 2 – Only piping requiring insulation for BP 22A installed materials		
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;
GEOTECHNICAL ENGINEERING REPORT,		As Applicable;

In the event of a conflict or ambiguity between the following “clarifications” to the scopes of Work and the contract documents, the contract documents shall control. The following “Scope Clarifications” are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR

Hill City WWTF Improvements
BID PACKAGE # 22A – Plumbing
September 21, 2026 Addendum 2

AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- **Contractor to provide all interior trench drain frame and grate assemblies**
- Contractor to provide all required manlifts and temporary scaffolding to perform the work as required
- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly

2. Material Supply and Installation included, but not limited to the following:

- Provide all plumbing work complete per the contract documents including (Refer to M101 Mechanical Plumbing Plan):
 - Connect to fire service, domestic water service, sanitary sewer service, and storm sewer service utilities 5’ outside the building foot print as indicated
 - Provide all building sanitary drain, waste, vent systems as required:
 - All piping, fittings, floor drains, floor sinks, rings, covers, and clean-outs as required
 - All interior drain frame and grate assemblies as required
 - Provide all domestic water systems as required:
 - All piping, fittings, and valves as required

Hill City WWTF Improvements
BID PACKAGE # 22A – Plumbing
September 21, 2026 Addendum 2

- Associated insulated piping:
 - Provide all related earthwork including:
 - All excavation, backfill, handwork, pipe bedding and backfill material
 - All compaction per specifications and geotechnical reports
 - Remove and legally dispose all excess soil, spoil, or rock offsite
 - Restore all building and site sub-grades disturbed during excavation work to +/- .10' of required sub-grade elevations
 - Provide all piping, fixtures, equipment, pumps, insulation, controls, and appurtenances:
 - Provide all hangers, framing, Unistrut, and misc. items for attachment to structure
 - All hangers and supports to be prime painted or galvanized as required
 - Provide final connections to all required items furnished by other trade sections
 - Provide all piping insulation
 - Provide all plumbing systems chlorination, disinfection, and chemical treatment as required
 - Provide all motors, starters, and disconnects as required
 - **If required by specification. Addendum 2**
 - **Exclude items by division 26 Addendum 2**
- Provide all heating work complete per the contract documents including:
 - Provide all meters, gages, valves for HVAC equipment as required
 - Provide all natural and LP gas piping as required

3. General Scope Notes:

- **Provide all required manlifts and temporary scaffolding to perform the work as required**
- Provide all required housekeeping or concrete pads
- Provide all grouting required for all equipment bases which may be required
- Provide all required wall, floor, ceiling, and roof penetrations including:
 - Coordinate with Structural Precast Concrete, Foundation Concrete, and Structural Steel contractors for all openings/penetrations
 - Coring and drilling of slabs, walls and floors (Including precast)
 - Block-outs, required sleeves, link seals, and gaskets
 - Caulking/sealing of all penetrations:
 - **Including any fire caulking/stopping as required through rated walls**
 - Furnishing and installation of all wall plates and/or escutcheons as required
- Provide weather and water tight closures for all exterior building penetrations including:
 - All required curbs, frames, flashing/ counter flashings, trim, sleeves, pitch pans, boots, gaskets, pipe collars, pipe supports, sealants, clamps...etc.
- Provide all panel/equipment/fixture wood backboards as required for work of this package
- Provide roofing protection (existing or new) for all roof related work
- Provide all field testing of work and systems including:
 - Air test all piping prior to hydrostatic testing
 - Perform all system drain downs as required:
 - With no liquid discharge onto finished floors or finished areas
- Protect all concrete and finish surfaces from work of this contract including:
 - Cleaning any concrete and finish surfaces if stained:
 - To be done to the satisfaction of CM and the Owner

**Hill City WWTF Improvements
BID PACKAGE # 22A – Plumbing
September 21, 2026 Addendum 2**

- Provide specs and cut sheets for any cast-in-place devices, sleeves, or hanger anchors:
 - Showing dimensioned locations so that these items can be coordinated with reinforcing steel
 - Provide all related pipe and equipment ID markings, signs, and labels as specified and required by codes
 - Provide all templates, layout, drilling, grouting, and epoxying for equipment anchorage
 - Authorized contractor supervision must be onsite while work is being performed
 - This contractor shall receive/unload all their materials including:
 - Inventory, store, protect, unpack, distribute, install, dispose of packing, and clean all items within this work package
 - Contractor has care, custody, and control of all items from receipt until final completion and acceptance by Owner
 - Provide manpower, equipment mobilizations, and remobilizations as required:
 - In accordance with the project schedule, including phasing and interim milestone dates
4. Contractor to include all applicable City and State sales taxes

SCOPE OF WORK EXCLUSIONS:

1. General Building Permits
2. Propane Tank
3. Bid Package 46A Process Piping

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 23A – HVAC
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM

BIDS DUE 9/30/2026 2:00 PM (Mountain Time) 1 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

BASE BID _____
_____ DOLLARS (\$ _____)

COMBINED Base Bid (BP 23B HVAC and Plumbing Combined): if BP #22A – Plumbing Awarded with BP #23A – Heating, Ventilating, and Air Conditioning as Single Contract _____
_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):
Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of _____
_____ DOLLARS (\$ _____)

Hill City WWTF Improvements
BID PACKAGE # 23A – HVAC
September 21, 2026 Addendum 2

ALTERNATES: Circle Add or Deduct as Applicable (All alternate pricing will be valid for 60 days after bid)

Alternate: N/A

If applicable, identify any voluntary alternates or value engineering options in the section below. Include alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attach schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

Hill City WWTF Improvements
BID PACKAGE # 23A – HVAC
September 21, 2026 Addendum 2

BIDDER: _____	(Type Name of Firm)
BY: _____	(Signature of Firm's Representative)
_____	(Type Name and Title of Firm's Representative)
TELEPHONE NO. _____	
FACSIMILE NO. _____	
E-MAIL ADDRESS _____	
BUSINESS ADDRESS _____	
STATE OF INCORPORATION _____	

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section: 079200	- Joint Sealants,	As Applicable;
Section 23 05 93	TESTING, ADJUSTING, AND BALANCING FOR HVAC	Complete;
Section 23 07 13	DUCT INSULATION	Complete;
Section 23 23 00	REFRIGERANT PIPING	Complete;
Section 23 31 00	HVAC DUCTS AND CASINGS	Complete;
Section 23 34 23	HVAC POWER VENTILATORS	Complete;
Section 23 74 33	DEDICATED OUTDOOR AIR UNITS	Complete;
Section 23 81 26.13	SMALL-CAPACITY SPLIT-SYSTEM AIR CONDITIONERS	Complete;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;

In the event of a conflict or ambiguity between the following "clarifications" to the scopes of Work and the contract documents, the contract documents shall control. The following "Scope Clarifications" are

Hill City WWTF Improvements
BID PACKAGE # 23A – HVAC
September 21, 2026 Addendum 2

intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Provide all required manlifts and temporary scaffolding to perform the work as required
- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly

2. Material Supply and Installation included, but not limited to the following:

- Provide all HVAC work complete per the contract documents including:
 - Provide all HVAC and control work as required
 - Provide all HVAC equipment, sheet metal, fixtures, and appurtenances as required
 - Provide all temperature control and instrumentation work complete including:
 - All raceways, low voltage, control interlocks, misc. control wiring
 - All control wiring to be in raceways as required
 - All in-wall drops from above finished ceiling to wall mounted T-stats or sensors

Hill City WWTF Improvements
BID PACKAGE # 23A – HVAC
September 21, 2026 Addendum 2

- Provide all duct insulation as required
- Provide all necessary fittings, valves...etc. for a complete code compliant installation
 - All raceways, low voltage, control interlocks, misc. control wiring
- Provide all required louvers/exterior vents
- Provide and coordinate all HVAC services:
 - Provide final connection to all items furnished under other trade sections
- Provide all hangers, framing, Unistrut, and misc. items for attachment to structure:
 - All hangers and supports to be prime painted or galvanized as required
- Provide all motors, starters and disconnects as required
 - **If required by specification. Addendum 2**
 - **Exclude items by division 26 Addendum 2**
- Protect all mechanical equipment/ductwork including:
 - Protect/cover all mechanical equipment stored or set in place
 - Prevent dust accumulation in interiors of equipment and ducts during sanding of sheet rock and similar dirty work operations.
 - Seal grills, diffusers, louvers, open duct ends...etc.
 - Clean ductwork and equipment soiled during construction
- Provide temporary filters for HVAC equipment operated during construction:
 - Change or clean when needed or as directed by the CM
 - Provide temporary filter material at returns; change as directed by CM.
- Provide all testing and balancing as required and specified:
 - Provide new set of filters prior to test and balance work
- Provide sheet metal protective covers for all exterior HVAC related pipe penetrations
- Provide all blank-off panels and insulation at unused louver areas
- Provide all curbs for mounted equipment:
 - Curbs to be delivered prior to equipment to stay with project schedule
- Provide Fire watch personnel as required for work of this contract

3. General Scope Notes:

- **Provide all required manlifts and temporary scaffolding to perform the work as required**
- Provide all grouting required for all equipment bases which may be required
- Provide all required wall, floor, ceiling, and roof penetrations including:
 - Coordinate with Architectural/Structural Concrete, Masonry, and Structural Steel contractors for all openings/penetrations
 - Coring and drilling of slabs, walls and floors (Including precast)
 - Block-outs, required sleeves, link seals, and gaskets
 - Furnishing and installation of all wall plates and/or escutcheons as required
 - Provide required acoustical sealing of penetrations at any sound rated walls
- Provide weather and water tight closures for all exterior building penetrations including:
 - All required curbs, frames, flashing/ counter flashings, trim, sleeves, pitch pans, boots, gaskets, pipe collars, pipe supports, sealants, clamps...etc.
- Provide all panel/equipment/fixture wood backboards as required for work of this package
- Provide roofing protection (existing or new) for all roof related work
- Provide all roof specialties or roof accessories required
- Provide and install access doors as required per AHJ

Hill City WWTF Improvements
BID PACKAGE # 23A – HVAC
September 21, 2026 Addendum 2

- Provide all field testing of work and systems as specified
- Reclaim any contaminants and dispose in accordance with all jurisdictional requirements
- Protect all concrete and finish surfaces from work of this contract including:
 - Cleaning any concrete and finish surfaces if stained:
 - To be done to the satisfaction of CM and the Owner
- Coordinate and cooperate with mechanical, electrical and other above ceiling trade contractors:
 - Avoid conflicts and to ensure work is properly installed at locations and elevations at tight/congested ceiling areas
 - Piping may require offsets or relocation to not interfere with other trade work or maintenance
- Provide specs and cut sheets for any cast-in-place devices, sleeves, or hanger anchors:
 - Showing dimensioned locations so that these items can be coordinated with reinforcing steel
- Provide all duct, pipe, and equipment identification, stencils, tags, banding...etc. as specified and required by codes
- Provide all templates, layout, drilling, grouting, and epoxying for equipment anchorage
- Authorized contractor supervision must be onsite while work is being performed
- This contractor shall receive/unload all their materials including:
 - Inventory, store, protect, unpack, distribute, install, dispose of packing, and clean all items within this work package
 - Contractor has care, custody, and control of all items from receipt until final completion and acceptance by Owner
- Provide manpower, equipment mobilizations, and remobilizations as required:
 - In accordance with the project schedule, including phasing and interim milestone dates
- Coordinate and conduct work to ensure minimum interference with vehicular or pedestrian traffic and to permit unencumbered access to site and adjacent properties.

4. Contractor to include all applicable City and State sales taxes

SCOPE OF WORK EXCLUSIONS:

1. General Building Permits
2. BP 22A Plumbing
3. BP 46A Process Piping and Equipment
4. Gas Piping
5. Propane Tank

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM
BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

Base Bid: _____

_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

ALTERNATES: Circle Add or Deduct as Applicable (All alternate pricing will be valid for 60 days after bid)

Alternate: N/A

**Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2**

If applicable, identify any voluntary alternates or value engineering options in the section below. Include alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attached schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

BIDDER:	
	(Type Name of Firm)
BY:	
	(Signature of Firm's Representative)
	(Type Name and Title of Firm's Representative)
TELEPHONE NO.	
FACSIMILE NO.	
E-MAIL ADDRESS	
BUSINESS ADDRESS	
STATE OF INCORPORATION	

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section: 079200	- Joint Sealants,	As Applicable;
DIVISION 22	- PLUMBING,	As Applicable;
DIVISION 23	- HVAC,	As Applicable;
DIVISION 26	- ELCTRICAL,	Complete;
DIVISION 28	- ELECTRONIC SAFETY AND SECURITY,	Complete;
Section 40 53 13	OEM CONTROL PANELS AND HARDWARE,	As Applicable; - Add. 2
Section 40 61 13	PROCESS CONTROL SYSTEM GENERAL REQUIREMENTS,	Complete;
Section 40 63 13	PROCESS CONTROL PANELS AND HARDWARE,	Complete;
Section 40 63 14	JUNCTION BOXES AND CONTROL STATIONS,	Complete;
Section 40 63 43	PROGRAMMABLE LOGIC CONTROLLERS,	Complete;
DIVISION 32	- SITEWORK,	As Applicable;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;
GEOTECHNICAL ENGINEERING REPORT,		As Applicable;

In the event of a conflict or ambiguity between the following "clarifications" to the scopes of Work and the contract documents, the contract documents shall control. The following "Scope Clarifications" are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all-inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Provide all required manlifts and temporary scaffolding to perform the work as required
- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly
- Provide all seismic restraints as specified
- Contractor will be responsible for shipping any electrical items that are required to be cast-in-place in precast walls to the precast supplier’s shop:
 - Contractor to provide coordination and send drawings to CM and precast supplier showing locations, mounting heights...etc. for all of these items

2. Material Supply and Installation included, but not limited to the following:

- Provide all Electrical work (Site and Building) complete per the contract documents including:
 - Provide and coordinate all temporary electrical power service requirements including:
 - Coordination with Utility companies as required
 - Provide/maintain temp. power (120/208-volt, single phase, 200 amp) service
 - Provide temporary electrical services for the CM job trailer
 - Provide adequate building temporary wiring grid for hand tool power

Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

- Lighting level must be adequate to support work activities
- All temporary electrical/lighting is required to be installed per AHJ
- Include all utility company service and installation charges and permits
- Provide all required disconnects, transformers...etc. as required to provide complete temporary power and lighting systems
- Upon completion dismantle and remove all temporary services
- Provide all necessary/required coordination and components to provide a complete electrical system:
 - System to be functioning and free of all conflicts, omissions, and errors
- Provide all shipping of any electrical items that are required to be cast-in-place in precast walls to the precast supplier's shop:
 - Contractor to provide coordination and send drawings to CM and precast supplier showing locations, mounting heights...etc. for all of these items
- Provide all Communications complete as required
- Provide all Electronic Safety and Security work complete as required including:
 - Fire alarm system
- Provide all site Electrical work complete including:
 - All primary, secondary, and required distribution systems
 - All site lighting
 - Provide and coordinate all permanent electrical power requirements and site lighting with Utility companies as required
 - All concrete light pole bases including reinforcing, embeds...etc.
- Provide all fire alarm work complete including:
 - All interface with automatic doors, fire/smoke dampers, and sprinkler system
 - All control and interlock circuitry wiring as specified and required
- Provide all related earthwork including:
 - All excavation, backfill, handwork, pipe bedding and backfill material
 - All compaction per specifications and geotechnical reports
 - Remove and legally dispose all excess soil, spoil, or rock offsite
 - Restore all building and site sub-grades disturbed during excavation work to +/- .10' of required sub-grade elevations
 - Provide aggregate base backfill at all trenches located under paving/walk areas
- Provide blank cover plates (finishes as specified) at all abandoned box locations
- Provide all lighting controls as required
- Provide all cable and wire trays as required
- **Provide all motor starters and disconnects not specified to come with Division 22/23/40/43/46 process equipment addendum 2**
- Provide all power, control, interconnecting wiring, conduit, and final termination of all electronic door hardware
- Provide all/any duct banks with concrete encasement as required
- Provide all field testing of work and systems specified including:
 - Testing and startup, commissioning...etc.
- Provide all hangers, framing, Unistrut, and misc. items for attachment to structure:
 - All hangers/supports to be prime painted, stainless steel, or galvanized as required
- Provide all required in-wall blocking or equipment stands as necessary

Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

- Provide all control and interlock wiring specifically noted on the Division 26 documents
- **Material Supply and Installation included, but not limited to the following:**
 - ~~Furnish and install all process electric valve and gate actuators specified under Section 40 27 21 (Process Electric Actuators); actuators mount to valve and gate stems furnished under BP 46A Process Piping and Equipment~~ **This scope of work to be provide with BP 46A – Addendum 2**
 - **Coordinate flow meter cable length with 46A. Addendum 2**
 - Furnish and install all OEM equipment control panels and hardware specified under Section 40 53 13 (OEM Control Panels and Hardware)
 - Furnish and install all process control panels and hardware specified under Section 40 63 13 (Process Control Panels and Hardware)
 - Furnish and install all junction boxes and control stations specified under Section 40 63 14 (Junction Boxes and Control Stations)
 - Furnish and install all programmable logic controllers (PLCs) and associated hardware specified under Section 40 63 43 (Programmable Logic Controllers)
 - Provide all process control system general requirements, including conduit, wiring, and terminations between field instruments, control panels, and PLCs, per Section 40 61 13 (Process Control System General Requirements)
 - Provide all motor control centers (MCCs), variable frequency drives (VFDs), and disconnects for process equipment motors, including coordination of motor nameplate and electrical data with the equipment supplier
 - Provide all conduit, wiring, and terminations for process instrumentation and SCADA system integration, including field instrument power and signal wiring, as specified
 - Provide all standby/emergency power systems, including generator, transfer switch, and associated wiring, as specified
 - Provide all grounding and lightning protection systems as specified
 - Provide all identification, labeling, and tagging of electrical panels, conduit, and equipment as specified and required by code
 - Coordinate all electrical/controls work with the Construction Manager and Owner to maintain continuous operation of the existing WWTF facility; no interruption, bypass, or shutdown of existing plant electrical/control systems without a CM/Owner-approved plan and advance written notice

3. General Scope Notes:

- **Provide all required manlifts and temporary scaffolding to perform the work as required**
- Provide all required housekeeping or concrete pads including:
 - Concrete pads as required by local utility agencies
- Provide all grouting required for all equipment bases which may be required
- Provide all required wall, floor, ceiling, and roof penetrations including:
 - Coordinate with Architectural/Structural Concrete, Masonry, and Structural Steel contractors for all openings/penetrations
 - Coring and drilling of slabs, walls and floors (Including precast)
 - Block-outs, required sleeves, link seals, and gaskets
 - Caulking/sealing of all penetrations:
 - **Including any fire caulking/stopping as required through rated walls**
 - Furnishing and installation of all wall plates and/or escutcheons as required

Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

- Provide required acoustical sealing of penetrations at any sound rated walls
- Provide weather and water tight closures for all exterior building penetrations including:
 - All required curbs, frames, flashing/ counter flashings, trim, sleeves, pitch pans, boots, gaskets, pipe collars, pipe supports, sealants, clamps...etc.
 - Waterproof and seal all exterior wall and slab conduit penetrations
- Provide all panel/equipment/fixture wood backboards as required for work of this package
- Provide roofing protection (existing or new) for all roof related work
- Provide all roof specialties or roof accessories required
- Provide all access doors as required per AHJ
 - Fire rated access doors
- Provide all field testing of work and systems including:
 - Air test all piping prior to hydrostatic testing
 - Perform all system drain downs as required:
 - With no liquid discharge onto finished floors or finished areas
- Reclaim any contaminants and dispose in accordance with all jurisdictional requirements
- Protect all concrete and finish surfaces from work of this contract including:
 - Cleaning any concrete and finish surfaces if stained:
 - To be done to the satisfaction of CM and the Owner
- Coordinate and cooperate with mechanical and other above ceiling trade contractors:
 - Avoid conflicts and to ensure work is properly installed at locations and elevations at tight/congested ceiling areas
 - Piping may require offsets or relocation to not interfere with other trade work or maintenance
 - Coordinate and locate or relocate junction box locations so as not to be inaccessible above ductwork or cable trays.
 - Cable trays must be located so as not to block access to junction boxes, mechanical/medical equipment, boxes and other items required to have maintenance access
- Provide specs and cut sheets for any cast-in-place devices, sleeves, or hanger anchors:
 - Showing dimensioned locations so that these items can be coordinated with reinforcing steel
- Provide all related pipe and equipment ID markings, signs, and labels as specified and required by codes
- Provide all templates, layout, drilling, grouting, and epoxying for equipment anchorage
- Authorized contractor supervision must be onsite while work is being performed
- This contractor shall receive/unload all their materials including:
 - Inventory, store, protect, unpack, distribute, install, dispose of packing, and clean all items within this work package
 - Contractor has care, custody, and control of all items from receipt until final completion and acceptance by Owner
- Provide manpower, equipment mobilizations, and remobilizations as required:
 - In accordance with the project schedule, including phasing and interim milestone dates
- Coordinate and conduct work to ensure minimum interference with vehicular or pedestrian traffic and to permit unencumbered access to site and adjacent properties.
- Provide Fire watch personnel as required for work on this contract

Hill City WWTF Improvements
BID PACKAGE # 26A – Electrical & Communications
September 21, 2026 Addendum 2

4. Contractor to include all applicable City and State sales taxes

SCOPE OF WORK EXCLUSIONS:

1. General Building Permits
2. State Excise Tax
3. Process piping, process valves, and process gates, including manual operators (furnished and installed under BP 46A Process Piping and Equipment)

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 31A – Sitework, Excavation, and Utilities
September 21, 2026 Addendum 2

EXHIBIT “2” - BID FORM
BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder’s General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, payment & performance bond, and alternates:

Base Bid: _____

_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

If applicable, identify any voluntary alternates or value engineering options in the section below. Include alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

**Hill City WWTF Improvements
BID PACKAGE # 31A – Sitework, Excavation, and Utilities
September 21, 2026 Addendum 2**

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attached schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

BIDDER: _____ (Type Name of Firm)
BY: _____ (Signature of Firm's Representative)
_____ (Type Name and Title of Firm's Representative)
TELEPHONE NO. _____
FACSIMILE NO. _____
E-MAIL ADDRESS _____
BUSINESS ADDRESS _____ _____
STATE OF INCORPORATION _____

Hill City WWTF Improvements
BID PACKAGE # 31A – Sitework, Excavation, and Utilities
September 21, 2026 Addendum 2

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
Section: 033000	- Cast-In-Place Concrete,	As Applicable;
DIVISION 31	- EARTHWORK,	Complete;
Section 32 11 23	AGGREGATE BASE COURSES	Complete;
Section 32 13 13	CONCRETE PAVEMENT	As Applicable;
Section 32 16 13	CURBS, GUTTERS, AND SIDEWALKS	As Applicable;
Section 32 92 19	SEEDING	Complete;
Section 32 97 00	RESTORATION OF DISTURBED AREAS	Complete;
DIVISION 33	- Utilities	Complete;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;

In the event of a conflict or ambiguity between the following “clarifications” to the scopes of Work and the contract documents, the contract documents shall control. The following “Scope Clarifications” are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work

Hill City WWTF Improvements
BID PACKAGE # 31A – Sitework, Excavation, and Utilities
September 21, 2026 Addendum 2

- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly
- Provide seeding of all disturbed areas as required
- **Contractor will supply and install 2' of S1 construction material under SBR Slab:**
 - **Excavate to allow for 2' of S1 construction material and a 4" mat slab under SBR Slab foundation – Addendum 2**
- **Contractor will provide all dewatering necessary for the project**
- **Backfill of the SBR Tank and Pretreatment Foundation cannot happen until Hydrostatic Testing is completed by the CM and Concrete Contractor**

2. Material Supply and Installation included, but not limited to the following:

- Provide all sitework, excavation, and utilities complete per the contract documents including:
 - Site Demolition:
 - All existing curb/gutter, sidewalk, pavement demo for utility tie-ins
 - Initial Site Setup:
 - Provide/maintain all stabilized construction entrances as required
 - Provide all curb cuts and sidewalk removals as required for entrances
 - Remove and dispose of all stabilized entrance material when required
 - Provide all initial erosion control setup as required (maintenance by CM)
 - Site Grading (Provide the following):
 - All site clearing, grubbing, and topsoil stripping/stockpiling as required
 - All mass grading, material export/import as required
 - Site watering for dust mitigation as required
 - All site removals to be taken away from the site and lawfully disposed
 - Provide all site paving aggregate base course placed to +/- .10' as required for:
 - Asphalt Paving
 - Concrete Paving
 - Sidewalks
 - Curb and Gutter
 - Exterior Concrete Pads
 - Provide placement of all topsoil
 - All sub-grade materials and depths per geotechnical report
 - Provide excess material as required for fine grading to be completed by other contractors
 - Building Excavation/Backfill (Provide the following):
 - All foundation excavation as required
 - All export and import as required
 - All fill material as required (Engineered fill, clean rock...etc.)
 - All drain tile assemblies as required
 - All backfill as required
 - Provide all slab-on-grade aggregate base course placed to +/- .10' as required
 - All compactions are to meet requirements of the geotechnical report

Hill City WWTF Improvements
BID PACKAGE # 31A – Sitework, Excavation, and Utilities
September 21, 2026 Addendum 2

- Provide water as necessary to meet compaction requirements
- All sub-grades to be placed to $\pm .10'$ as required:
 - Provide excess material as required for fine grading to be completed by other contractors
- All sub-grade materials and depths per geotechnical report
- Site Utilities (Provide the following):
 - All temporary utilities as required
 - All domestic and fire water services as required
 - All sanitary and storm sewer as required
 - All structures, manholes, junction boxes, storm inlets...etc.
 - All exterior trench drain grate frames and grates
 - All public utility work shall comply with all local AHJ's and be code compliant
 - All utility systems are to include all connections, taps, adapters, meters, structures, etc. from utility service mains, connection points, etc.
 - All site utilities to be installed to $\pm 5'$ from the building structure
 - Provide all tracing wires and warning tapes as indicated or required
 - Coordinate all work with utility companies/agencies and CM as required
 - All concrete thrust blocks or encasements as required
 - Temporary pumping as required to relocate piping
 - Provide all Hydrostatic/ leakage testing
 - Provide all disinfection and bacteriological testing to potable water systems as applicable
- General Notes:
 - Provide all required layout of items within this bid package:
 - Gridlines and benchmarks to be provided by CM
 - Provide all site watering/dust mitigation during all earthwork operations as required
 - Provide concrete truck wash-out area as approved by the CM
 - Remove all wash-out and waste material from site and legally dispose
 - Coordinate with MEP and other contractors for items they are responsible to remove and dispose
 - Coordinate with other subcontractors for items that require disconnection, capping, plugging, etc. for safe and proper removal
 - Ensure proper coordination of removal in accordance with phasing to ensure existing construction and building services remain in service

3. Safety:

- Contractor to utilize "vac truck" when exposing any existing site utilities where there are new utility crossings and/or performing work near existing utilities
- Provide all trench protection measures including sheeting and shoring as required per OSHA and other governing authorities.
- Provide all design performance requirements, for sheeting and shoring, including analysis data signed and sealed by a qualified professional engineer licensed in the state where work is being performed.

4. Contractor to include all applicable City and State sales taxes

Hill City WWTF Improvements
BID PACKAGE # 31A – Sitework, Excavation, and Utilities
September 21, 2026 Addendum 2

SCOPE OF WORK EXCLUSIONS:

1. Construction Staking (Gridlines and Benchmarks)
2. Final 0.10' Grading for Base Course and Topsoil
3. Site Concrete and Asphalt Paving
4. BP 46A Process Piping and Equipment

END OF BID PACKAGE

Hill City WWTF Improvements
Hill City, South Dakota

BID PACKAGE # 46A Process Piping and Equipment
September 21, 2026 Addendum 2
EXHIBIT "2" - BID FORM
BIDS DUE 9/30/2026 2:00 PM (Mountain Time)

BIDDER _____

Date: _____

To: Scull Construction Service
Attn: Shane Crecelius
803 Industrial Ave.
Rapid City, SD 57702

Phone: 605-342-2379
Fax:
Email: bids@scullconst.com

The undersigned, being familiar with the local conditions affecting the work, and with the Contract Documents, including the Invitation to Bid, Instructions to Bidders, Bidder's General Requirements, Bid Form, Modification to Bid Form, Performance and Payment Bond, Form of Agreement for Construction, Technical Specifications, Plans and Addenda which govern the purchase of material and labor and the awarding of contracts hereby proposes to do all the work and provide all the material and equipment which pertains to

Hill City WWTF Improvements
Hill City, South Dakota

as provided for in the Plans dated _____ and Specifications dated _____ for the following base bid, bond, and alternates:

BASE BID _____

_____ DOLLARS (\$ _____)

Payment and Performance Bond (P&P Bond):

Provide Performance and Labor and Material Payment Bond (Not to be included in base bid). Failure or inability to provide bond may result in bid being disqualified. Add to the base bid the sum of

_____ DOLLARS (\$ _____)

ALTERNATES: Circle Add or Deduct as Applicable (All alternate pricing will be valid for 60 days after bid)

Alternate: N/A

If applicable, identify any voluntary alternates or value engineering options in the section below. Include

**Hill City WWTF Improvements
BID PACKAGE # 46A Process Piping and Equipment
September 21, 2026 Addendum 2**

alternate description and cost for each option being presented:

VOLUNTARY ALTERNATES/VALUE ENGINEERING OPTIONS: Circle Add or Deduct as Applicable

Voluntary Alternate #1: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

Voluntary Alternate #2: Add/Deduct

DESCRIPTION: _____ Cost (\$ _____)

The above bid includes all applicable State and Municipal Sales Taxes on materials.

Within ten (10) days after Contractor's receipt of the Agreement for Construction, the Contractor shall submit to the Construction Manager, the executed Agreement for Construction, Performance and Payment Bond (if required), Certificates of Insurance, and Schedule of Values.

Work shall be commenced within ten (10) consecutive calendar days after written Notice to Proceed by the Construction Manager and shall be completed per the attach schedule.

The undersigned acknowledges receipt of the following addenda to the drawings and/or specifications (give number and date of each):

Addenda Nos. _____ dated _____ respectively.

In submitting this bid, it is understood that the right is reserved by the Owner to reject any and all bids and to waive any irregularities. It is further understood by the Bidder that he may not withdraw his Bid within **60** after the actual opening thereof.

Hill City WWTF Improvements
BID PACKAGE # 46A Process Piping and Equipment
September 21, 2026 Addendum 2

BIDDER:		(Type Name of Firm)
BY:		(Signature of Firm's Representative)
		(Type Name and Title of Firm's Representative)
TELEPHONE NO.		
FACSIMILE NO.		
E-MAIL ADDRESS		
BUSINESS ADDRESS		
STATE OF INCORPORATION		

SCOPE SUMMARY:

DIVISION 00	- PROCUREMENT AND CONTRACTING REQUIREMENTS,	As Applicable;
DIVISION 01	- GENERAL REQUIREMENTS,	As Applicable;
DIVISION 40	- PROCESS INTEGRATION,	Complete;
Section 40 27 00	PROCESS PIPING – GENERAL	Complete;
Section 40 27 05	PROCESS PIPING SUPPORT SYSTEMS	Complete;
Section 40 27 10	PROCESS PIPING SPECIALTIES	Complete;
Section 40 27 20	PROCESS VALVES	Complete;
Section 40 27 21	PROCESS ELECTRIC ACTUATORS	Complete;
Section 40 27 30	PROCESS GATES	Complete;
Section 40 27 60	PROCESS IDENTIFICATION	Complete;
Section 40 42 13	PROCESS PIPING INSULATION AND HEAT TRACING	As Applicable;
Section 40 42 80	PROCESS PIPING LEAKAGE TESTING	Complete;
Section 40 53 13	OEM CONTROL PANELS AND HARDWARE	As Applicable;
Section 40 61 13	PROCESS CONTROL SYSTEM GENERAL REQUIREMENTS	As Applicable;
Section 40 63 13	PROCESS CONTROL PANELS AND HARDWARE	As Applicable;
Section 40 63 14	JUNCTION BOXES AND CONTROL STATIONS	As Applicable;
Section 40 63 43	PROGRAMMABLE LOGIC CONTROLLERS	As Applicable;
DIVISION 43	- PROCESS GAS AND LIQUID HANDLING, PURIFICATION AND STORAGE EQUIPMENT	Complete;
DIVISION 46	- WATER AND WASTEWATER EQUIPMENT	Complete;
LEGENDS, NOTES & SCHEDULES PER DOCUMENTS,		As Applicable;

Hill City WWTF Improvements
BID PACKAGE # 46A Process Piping and Equipment
September 21, 2026 Addendum 2

In the event of a conflict or ambiguity between the following “clarifications” to the scopes of Work and the contract documents, the contract documents shall control. The following “Scope Clarifications” are intended to emphasize, amplify, and clarify the work of this package, and does not supersede the contract documents or in any way list every item of work required by the contract documents for completion of this work package.

THIS BID PACKAGE SHALL NOT BE MODIFIED IN ANY WAY. WHEN SUBMITTING A BID, THIS CONTRACTOR AGREES TO ALL INCLUSIONS, TERMS, AND CONDITIONS, INCLUDED HEREIN. THIS BID PACKAGE WILL BE USED AS THE SCOPE INCLUSIONS IN ITS ENTIRETY FOR THE FINAL SUBCONTRACT AGREEMENT.

Terminology

Owner shall mean City of Hill City

Construction Manager (CM) shall mean Scull Construction Service

Contractor shall mean work package Bidder (*Prime Contractor per CM G.C. agreement*)

GENERAL SCOPE OF WORK INCLUSIONS:

Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the above listed scope of work in accordance with the Contract Documents. It is further understood and agreed that this Work Package also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s), or shown on the plans. Drawing and detail references are provided for reference only and are not to be considered as all inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other facilities necessary to complete the work.”)

SCOPE OF WORK INCLUSIONS:

1. Project Specific Notes:

- Contractor to provide all required manlifts and temporary scaffolding to perform the work as required
- Contractor to review the project schedule, issued with the Construction Manager’s Bid Manual, and include all necessary equipment and labor to meet the durations shown in the schedule for this scope of work
- Bidders to review the project schedule, and include all necessary equipment and manpower to meet the durations shown for this scope of work.
- Bidder shall review the Davis Bacon Wage Determine specification section and include all costs associated with the requirement
- Davis Bacon Wages Apply
 - Certified payroll will be required to be submitted weekly
- Include \$45,000.00 for crane service in this bid package (required)
 - Include \$85.00 per hour for an operator.
 - Monthly crane rental by GC
 - Due to tight nature of site, the subcontractors crane will not be permitted on site.

Hill City WWTF Improvements
BID PACKAGE # 46A Process Piping and Equipment
September 21, 2026 Addendum 2

- Provide all process piping systems complete, including pipe, fittings, joints, gaskets, and appurtenances of the materials and pressure classes indicated, per Section 40 27 00 (Process Piping – General)
- **Furnish and install all process electric valve and gate actuators specified under Section 40 27 21 (Process Electric Actuators); actuators mount to valve and gate stems furnished under BP 46A Process Piping and Equipment – Addendum 2**
- Provide all process piping supports, hangers, guides, anchors, saddles, and restraints, including all steel, Unistrut, and miscellaneous framing required for attachment to structure, per Section 40 27 05 (Process Piping Support Systems)
- Provide all process piping specialties, including expansion joints, flexible couplings, strainers, air release/vacuum valves, and similar items, per Section 40 27 10 (Process Piping Specialties)
- Provide all process valves complete with manual operators, extension stems, handwheels, chainwheels, valve boxes, and accessories, per Section 40 27 20 (Process Valves); electric valve actuators furnished and installed by the Electrical/Controls Work Package
- Provide all process gates, frames, stems, and manual operators complete, per Section 40 27 30 (Process Gates); electric gate actuators furnished and installed by the Electrical/Controls Work Package
- Provide all pipe and equipment identification, including flow arrows, labels, tags, and color coding, per Section 40 27 60 (Process Identification) and applicable code requirements
- Provide all process piping insulation and heat tracing as required, per Section 40 42 13 (Process Piping Insulation and Heat Tracing)
- Perform all required leakage, pressure, and hydrostatic testing of process piping systems, including furnishing test equipment, temporary bulkheads/blind flanges, water, and legal disposal of test water, per Section 40 42 80 (Process Piping Leakage Testing)
- Furnish and install all process/mechanical equipment specified under Division 43 (Process Gas and Liquid Handling, Purification and Storage Equipment), complete with base plates, anchor bolts, and manufacturer-recommended appurtenances
- Furnish and install all wastewater treatment process equipment specified under Division 46 (Water and Wastewater Equipment), including pumps, blowers, mixers, screens, and related equipment, complete per manufacturer's installation instructions
- Provide manufacturer-certified equipment start-up services, functional and performance testing, operation and maintenance manuals, and operator training for all equipment furnished under this Work Package
- Coordinate process piping tie-in points and interface limits located 5' outside the building footprint with the Earthwork and Utilities Work Package (BP 31A); resolve elevation and location conflicts prior to installation
- Coordinate all work with the Construction Manager and Owner to maintain continuous operation of the existing WWTF facility; no interruption, bypass, or shutdown of existing plant processes without a CM/Owner-approved bypass plan and advance written notice
- Include all costs associated with confined space entry, atmospheric monitoring, and related safety requirements for work performed within existing or new tanks, wet wells, vaults, and below-grade structures
- Assist CM in providing all required commissioning to the plant. Commissioning will be completed in two phases. 1. For the new SBR. 2. Once the remediation of the second plant is completed.

**Hill City WWTF Improvements
BID PACKAGE # 46A Process Piping and Equipment
September 21, 2026 Addendum 2**

2. General Scope Notes:

- **Provide all required manlifts and temporary scaffolding to perform the work as required**
- Provide manpower, equipment mobilizations, and remobilizations as required:
 - In accordance with the project schedule, including phasing and interim milestone dates

3. Contractor to include all applicable City and State sales taxes

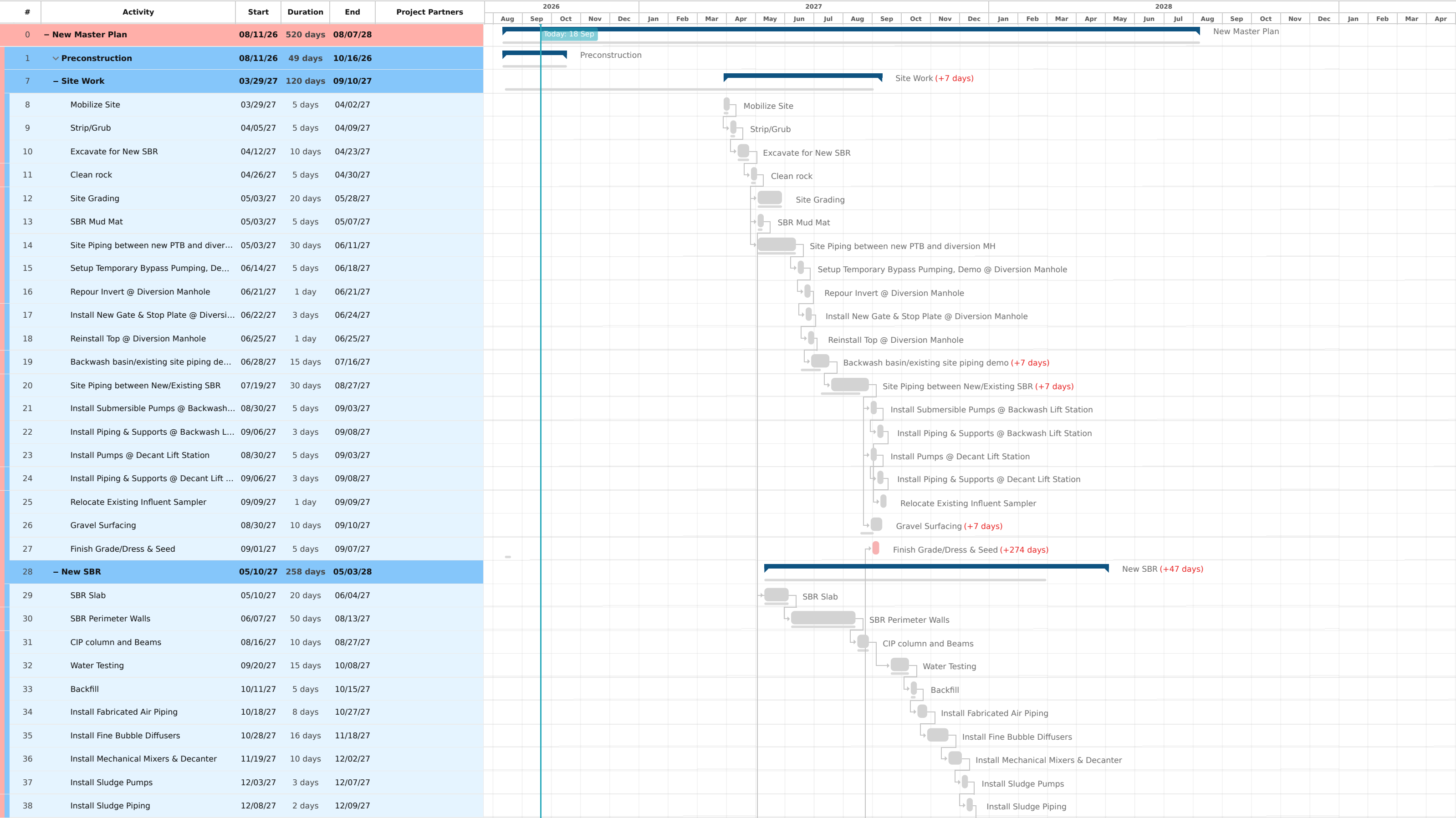
SCOPE OF WORK EXCLUSIONS:

1. General Building Permits
2. Site Piping per BP 31A Earthwork, and Utilities
3. Furnishing and installation of process electric valve/gate actuators, OEM control panels, process control panels, junction boxes and control stations, programmable logic controllers, and process control system components (Sections 40 27 21, 40 53 13, 40 61 13, 40 63 13, 40 63 14, 40 63 43); by Electrical/Controls Work Package

END OF BID PACKAGE



202623 Hill City Waste Water Treatment Plant Preliminary Schedule
Main Schedule



General

- Parent Activity

Child Activity
- Activity Baseline

Milestone Baseline
- Milestone

(+ # days) Delay
- Links

Status

- Completed

Overdue
- Ahead

Uninitiated



General

 Parent Activity

 Child Activity

 Activity Baseline

 Milestone Baseline

 Milestone

 (+ # days) Delay

 Links

Status

 Completed

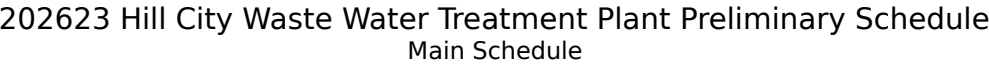
 Overdue

 Ahead

 Uninitiated

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General

 Parent Activity

 Child Activity

 Activity Baseline

 Milestone Baseline

 Milestone

 (+ # days) Delay

 Links

Status

 Completed

 Overdue

 Ahead

 Uninitiated

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PROJECT: Hill City WWTF Improvements
RE: Pre-Bid Meeting
DATE: September 1, 2026
TIME: 1:00 pm (Mountain Time)
LOCATION: Project Site – 1130 Smokey Dr. Hill City, SD 57745
ATTENDANCE: See Sign-in Sheet

1. Sign-in sheet / Introductions: (See attached Sign-in Sheet)
2. Project Overview.
 - a. Construction of Pretreatment Building, New SBR, New Electrical Building and remediation of existing SBR
3. Date, Time, Place of Bid Opening and Bid Requirements:
 - a. **Accepting bids until 2:00 p.m. Mountain Time on September 30, 2026**
 - b. **Bids to be delivered to Scully Construction Office**
 - i. **803 Industrial Ave. Rapid City, SD 57702**
 - c. **The following items must be incorporated into all bids being submitted:**
 - i. **Bids must be submitted on the correct bid form and delivered in a sealed envelope per the Invitation to Bid; sample envelopes are attached to each bid package**
 - ii. **Bidders must submit the Bidders Checklist (filled out) with their bid:**
 1. **Bidders Checklist is attached to each bid package**
 - iii. **Davis Bacon Wages apply to this project and applicable wage rates must be included in each bid**
 - iv. **AIS (American Iron and Steel) Applies to the project and costs included in the bid**
 - v. **The project will need to meet the requirements of DBE Program**
 - d. **No bids or bid modifications will be accepted after bid time**
 - e. **Bids will be Publicly Opened**
4. Payment and Performance Bond:
 - a. There's a line item for a Payment and Performance Bond on the Bid Form:
 - i. This is **not** a Bid Bond
 - b. The option to execute the P&P Bond will be decided upon by the Owner and CMAR:
 - i. This will be determined after evaluation of all bids
 - c. Failure or inability to provide P&P Bond will result in a bid being disqualified
5. Schedule:
 - a. **Bid Date: September 30, 2026**
 - b. **Notice to proceed on or near: October 21, 2026**
 - c. **Construction begins on or near: April 1, 2027**
 - d. **Substantial completion: July 18, 2028**
 - e. Preliminary project schedule will be issued via addendum
 - i. Two phases
 1. **New SBR, Pretreatment, electrical building and site pipeline – include operation training and commissioning for owner use.**
 2. **Existing SBR Remediation**

6. Communication:
 - a. Questions to be submitted via email to Shane Crecelius at screcelius@scullconst.com
 - i. All questions are **required** to be submitted in writing to Scull
 - ii. Scull will distribute to design team accordingly
 - b. Questions to be formally addressed by addendum only
7. Prior Approvals and Clarifications: Must be submitted in writing and approved via Addendum
8. Addenda:
 - a. Addendum #1 was issued August 20, 2026
9. Special Conditions:
 - a. Site Access: Construction entrance to be coordinated with Scull Construction
 - b. Staging: Coordinate parking & staging with Scull Construction
 - c. Work Hours: Coordinate with Scull Construction and Owner
10. Scope Clarifications & Questions:
 - a. 01C – General Construction
 - b. 02B – Materials Testing
 - c. 03B – Precast Concrete
 - d. 07A – Membrane Roofing
 - e. 08B – Doors and Hardware
 - f. 09E – Painting and Coating
 - g. 23A – HVAC
 - h. 26A – Electrical and Communications
 - i. 46A – Process Piping and Equipment
 - j. 02A – Construction Staking
 - k. 03A – Foundation and Site Concrete
 - l. 05B – Miscellaneous Metals
 - m. 07G – Joint Sealants
 - n. 08C – Overhead and Coiling Doors
 - o. 22A – Plumbing
 - p. 23B – Plumbing/HVAC Combined
 - q. 31A – Earthwork and Utilities
 - r. 46A – Process Pipeline and Equipment
11. Questions:

