

ADDENDUM NO. 02

PRIAIRE HILLS TRANSIT FACILITY PROJECT

FOR PRAIRIE HILLS TRANSIT

- BID DATE: October 10, 2024
- BID TIME: 1:00 p.m. local time
- LOCATION: KLJ Engineering, 18 East Main Street, STE 229 Rapid City, SD 57701

This addendum is written for the purpose of clarification and/or modifications to the Contract Documents. Acknowledgement of Addenda must be noted on the exterior of the bid envelope and on the *Receipt of Addenda* within Article 7 of Section 00410 of the Bid Form.

The following changes and/or corrections shall be made to and become part of the project plans and specifications.

GENERAL:

1. None.

CIVIL:

 C8.01 - Overall Utility Plan – CHANGE: Modify sump basin and downstream inlet invert information to correspond with clarified foundation perforated drain tile discussion per Structural. Refer to attached revised plan sheet.

ARCHITECTURAL:

- 1. Single-Ply Membrane Roofing, Polyvinyl Chloride (PVC) Roofing CLARIFICATION:
 - a. PVC Sheet: ASTM D4434/D4434M, Type III, fabric reinforced.
 - b. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - i. Duro-Last, Inc.
 - ii. Carlisle SynTec Incorporated
 - iii. GAF
 - iv. IB Roof Systems
 - v. Mule-Hide Products Co., Inc.
 - vi. Sika
 - c. Thickness: 60 mils.
 - d. Exposed Face Color: White.
 - e. Minimum NSF 347 Gold certified.
 - f. Revised plan sheet is not provided.

Project No. 2324-01859



ELECTRICAL:

1. None.

MECHANICAL:

1. None.

STRUCTURAL:

 Foundation perforated drain tile – CLARIFICATION: Location of perforated drain tile shall adhere to recommendations set forth by the AET Geotechnical Report for the Project. This discusses the foundation perforated drain tile be placed within over-excavation section and promote drainage outfall to provided sump drain. Revised plan sheet is not provided.

SUBMITTED REQUESTS FOR CLARIFICATION - Q&A

- **Q:** MECHANICAL I would like to submit the Zurn Z882 trench drain for approval for the Prairie Hills Transit Facility.
- A: The Zurn trench drain system will be a pre-approved equal trench drain manufacturer for the Project. We will need to work through the details on grates etc. during construction submittals but this is equivalent to the specified system and approved for use.
- **Q: CIVIL/STRUCTURAL/MECHANICAL** Regarding the underdrain/sump system: Since the drain pipe is already outside the building footprint, couldn't the 4" pipe be routed to connect to the storm inlet located off the southwest corner of the building? Please clarify the typical location of the foundation perforated drain tile pipe.
- A: To promote drainage of the perforated pipe the 4" perforated pipe inverts would be very similar to the 15" inverts of the storm drain system we are directing through the site. We want to keep the off-site storm water passing through the 15" surface storm drain system from backing up in the structure and introducing storm water into the 4" perforated pipe system around the foundation. The intent is to keep systems separate as designed and sump will still be required. The location of the perforated pipe relies upon the recommendations set forth by the AET Geotechnical Report for the Project. This discusses the perforated foundation drain tile placed within the over-excavation section and promote drainage outfall to provided sump drain. Modified sump and inlet invert information for the proposed sump basin is provided on the attached revised plan sheet C8.01 Overall Utility Plan.
- **Q: GENERAL** Who/what/where is the funding for this project coming from? Are there any DBE requirements for this project?
- A: Prairie Hills Transit is receiving grant funding with assistance by SDDOT. Grant is part of the Federal Transit Authority Discretionary Grant Program. DBE DOT contacts state the funding and the Federal DBE clauses included are meant to encourage DBE, but they are not required to be DBE at the Prime or subcontractor level. The DOT detailed that if a DBE were to submit as either prime or subcontractor level they would not automatically receive more favor and would be considered along with the others. The essence of the DBE clauses is to avoid discrimination and promote equal opportunity.



- **Q: ARCHITECTURAL** Please provide clarification for the Single-Ply Membrane Roofing Specification. Follow up request to add Sika Sarnafil product as approved supplier.
- **A:** See Architectural specification clarifications above for information.
- **Q: STRUCTURAL** Please provide clarification for structural foundation approach to the facility.
- A: Project shall be bid per the structural foundation approach as designed by KLJ in the bidding project documents. Final foundation approach takes into consideration all professional discipline and site constraints with the designed structural foundation, with reliance on all soil preparation recommendations per the Geotechnical Exploration by AET, as included in the bidding project documents.

Anthony MacDonald, P.E. 10/03/2024

Attachments: Revised Civil Plan Sheet C8.01

END OF ADDENDUM NO. 02

Project No. 2324-01859



DOMESTIC WATER SERVICE (TYP., REFER TO MECHANICAL PLAN)

(3) CONNECT TO EXISTING WITH TAPPING TEE - CONTRACTOR TO VERIFY

10 SANITARY SEWER SERVICE @ MIN 1.6% (TYP., TO MAINTAIN STORM DRAIN CLEARANCE REFER TO MECHANICAL PLAN)

(13) CONNECT TO EXISTING - CONTRACTOR TO VERIFY

14 SAND/OIL INTERCEPTOR BY OTHERS WITH CLEANOUTS, CONNECTION TO OUTGOING SANITARY SEWER SERVICE (COORDINATION WILL BE REQUIRED, REFER TO MECHANICAL PLAN)

20 STORM DRAIN UTILITY (TYP.)

EUILDING FOUNDATION PERIMETER DRAIN BY OTHERS (REFER TO STRUCTURAL AND MECHANICAL PLAN)

(22) STORM DRAIN DOWNSPOUT COLLECTION (TYP., REFER TO ARCHITECTURAL AND MECHANICAL PLAN) (23) PREFABRICATED OUTDOOR SIMPLEX SUMP BASIN AND PUMP, ACCESS COVER, AND

CONTROL PANEL (REFER TO STRUCTURAL AND MECHANICAL PLAN) (30) ELECTRICAL TRANSFORMER, BASE, PAD, CT CABINET, SWITCHBOARD, FULL SWEEP CONDUITS, PULL BOXES, FITTINGS, WIRING, COMPONENTS, METERING, CONNECTION AND ADJUSTMENT TO GRADE (TYP., CONTRACTOR TO VERIFY AND COORDINATE WITH UTILITY OWNER, REFER TO ELECTRICAL PLAN)

(31) SCH 40 ELECTRICAL CONDUIT FOR PRIMARY SOURCE EXTENSION TO SITE WITH FULL SWEEP CONDUITS, EXISTING CONNECTION, PULL BOXES, FITTINGS, WIRING, COMPONENTS, TRANSFORMER, AND METERING (TRENCHED MIN. 52" DEPTH, TYP, COORDINATE WITH UTILITY OWNER, REFER TO ELECTRICAL PLAN)

(32) SCH 40 ELECTRICAL CONDUIT FOR SECONDARY SERVICE TO BUILDING WITH FULL SWEEP CONDUITS, PULL BOXES, FITTINGS, WIRING, COMPONENTS, CONNECTION, AND METERING (TRENCHED MIN. 36" DEPTH, TYP., COORDINATE WITH UTILITY OWNER, REFER TO ELECTRICAL PLAN)

(40) NATURAL GAS SERVICE EXTENSION TO BUILDING WITH METER AND REGULATOR BY UTILITY OWNER (TYP., CONTRACTOR TO VERIFY AND COORDINATE WITH UTILITY OWNER AND LANDOWNER. REFER TO MECHANICAL PLAN) (50) PRIMARY COMMUNICATION SERVICE TO BUILDING WITH FULL SWEEP CONDUITS, PULL

BOXES, FITTINGS, WIRING, COMPONENTS, AND METERING (TYP., COORDINATE WITH UTILITY OWNER, REFER TO ELECTRICAL PLAN)

PREFABRICATED SUMP PUMP AND BASIN:

CONTROL / NUMBER OF PUMPS	DESIGN FLOW (GPM)	TYPE	TOTAL DYNAMIC HEAD (FT)	DESIGN HP	VOLTAGE	PHASE	MAXIMUM DISCHARGE SIZE (IN)	MINIMUM BASIN DIAMETER (IN)	CONTROL METHOD
SIMPLEX (1)	20	SUBMERSIBLE NON-CLOG	15	1/3	120V	SINGLE	2"	36"	INTERNAL FLOAT





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PROJECT TITLE

MONUMENT HEALTH **PRAIRIE HILLS TRANSIT** FACILITY

Rapid City, South Dakota

ISSUES

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