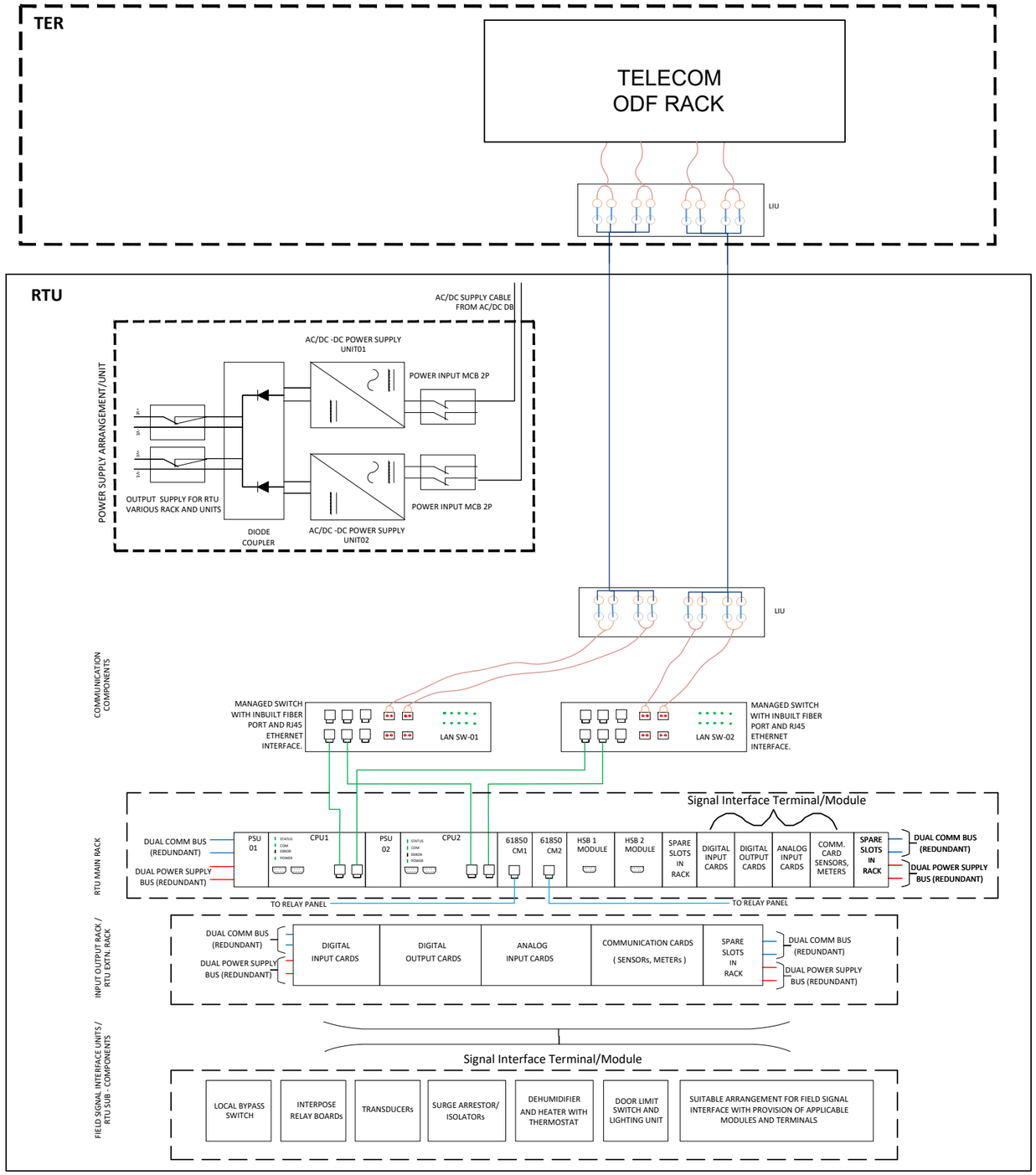

LEGENDS

	SM FIBER (FO) PATCH CABLE
	CAT 6E ETHERNET LAN CABLE
	COMMUNICATION CABLE
	POWER CABLE
	6 CORE, SM, ARMOURED FIBER OPTIC CABLE

GENERAL NOTES:-

1. CPU RACK (Main RACK) can be dual individual or integrated RACK, provided to meet the performance, technical and function requirement of the SCADA system as detailed in Technical specification.
2. In case of failure of HSB state of both the CPU's , both CPUs should remain on it's running state to avoid unwanted simultaneous reporting to master with parallel hot CPUs.
3. SCADA Contractor shall be designing the dedicated fiber optic communication network. Ethernet Switches, fiber optic cable etc shall be based on single mode fiber communication system.
4. Ethernet ports on a CPU module for Data transmission over IEC 60870-5-104 protocol shall not allow any data duplication over the Telecom network.
5. *HSB 01 and 02 Modules shall be provided if required for future expansion.
6. This is indicative schematic presentation only. Supplier / contractor shall cross refer the detail technical, functional and performance requirement to fully integrate the SCADA system as applicable.

NOTES:

1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
4. INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

REV	DATE	DESCRIPTION	Originator	Checked	Approved
R0	12-08-2024	FIRST SUBMISSION	IA	NK	SK

APPROVAL BY K RIDE

DM / ELE / KRIDE	Sr. DGM / ELE / KRIDE	AGM / ELE / KRIDE	

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.

EGIS-AECOM-WSP

Senior Discipline Expert	Chief Discipline Expert	Project Director

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.
Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP

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FOR TENDER PURPOSE ONLY

Client: RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED

Project Title: Bengaluru Suburban Rail Project (BSRP)
(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)

Corridor-2 (Benniganahalli -Soladevanahalli)

Drawing Title: RTU GENERAL SCHEMATIC

Project Stage: Tender Drawing

Paper Size: A3 | Discipline: | Date: 12/08/2024 | Scale: NTS

Drawing no.: KRDD-01-TDR-GEN-GEN-SCADA-DWG-00005

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