



## **E&M SYSTEM DRAWINGS**

**FOR**

**Design, Supply, Installation, Testing and Commissioning of Electro-  
Mechanical Equipment**

**(EM PACKAGE)**

March 2023

## **DD Hydropower & Developers Private Limited**

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**Contract Title: Design, Supply, Installation, Testing and Commissioning of Electro-Mechanical Equipment (EM Package) for Keyi Hydropower Project (23 MW) in Arunachal Pradesh**

**IFB No:** *KEYI-W002-EM*

**IFB issued on:** *22<sup>nd</sup> March 2023*

## Part-I: Technical Specification for E&M Equipment

Volume number	Contents	Section No./ Name
Volume-1	Invitation for Bids	Section 0: Invitation for Bids
	Bidding Procedures and Bidding Forms	Section 1: Instructions to Bidders
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		Section 3: Evaluation, Eligibility and Qualification Criteria
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	Employer's Requirements	Section 6: Employer's Requirements (the contents of this Section include by reference the contents of Volume-2 and Volume -3)
	Conditions of Contract and Contract Form	Section 7: General Conditions of Contract
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## List of Electro-Mechanical Drawings

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1	EHT-KE-T-EM-001	MAIN SINGLE LINE DIAGRAM
2	EHT-KE-T-EM-002	ARCHITECTURE OF SCADA SYSTEM
3	EHT-KE-T-EM-003	415V LTAC SINGLE LINE DIAGRAM
4	EHT-KE-T-EM-004	132 kV SWITCHYARD PLAN AND SECTIONS
5	EHT-KE-T-EM-005	SCHEMETIC DIAGRAM OF OIL HANDLING AND PURIFICATION SYSTEM
6	EHT-KE-T-EM-006	SINGLE LINE DIAGRAM FOR INVERTER SYSTEM
7	EHT-KE-T-EM-007	SCHEMETIC DIAGRAM OF THE FIRE FIGHTING & HYDRANT SYSTEM
8	EHT-KE-T-EM-008	SCHEMETIC DIAGRAM OF DRAINAGE AND DEWATERING SYSTEM
9	EHT-KE-T-EM-009	SCHEMETIC DIAGRAM OF COOLING WATER SYSTEM
10	EHT-KE-T-EM-010	POWERHOUSE PLAN AT EL.781.60
11	EHT-KE-T-EM-011	POWERHOUSE - CROSS SECTION
12	EHT-KE-T-EM-012	POWERHOUSE – LONGITUDINAL SECTION
13	EHT-KE-T-EM-013	GENERAL LAYOUT - PLAN
14	EHT-KE-T-EM-014	GENERAL LAYOUT - LONGITUDINAL SECTION

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