

Corrigendum - V dated 24/06/2026 to CPC Tender No. BHEL/CPC/KRD/EPC LHP GHP/27/023

Corrigendum - V dated 24/06/2026 to CPC Tender No. BHEL/CPC/KRD/EPC_LHP_GHP/27/023 for the work of “EPC PACKAGE FOR LIME HANDLING PLANT, GYPSUM HANDLING PLANT AND BOTTOM ASH HOPPER AT 2X660 MW, MSPGCL KORADI THERMAL POWER STATION, UNIT-11& 12, KORADI, NAGPUR, MAHARASHTRA.”

A) Some of the Bidders had asked queries in the published tender specification. The clarifications issued by BHEL are as below;

Sl. No.	Section/ Clause No	Specification/ Existing Provision	Bidder's Query	BHEL Clarification
1	-	Preferred Make/Vendor list	Bidder make is not considered as preferred make for Idlers, Pulleys and Conveyor package. If we are successful bidder for the conveyor package, can we supply our own/in-house manufactured pulleys, idlers?	Bidder's proposal shall be subject to approval by MSPGCL during detail engineering meeting the criteria stipulated in the NIT spec.
2	-	Main single line diagram	In SLD only Limestone switchgear is indicated. The MCC for LHP & GHP shall be common or separate. If common MCC is considered, 2 No. Transformers shall be required. And if separate, 4 no. transformers shall be required. LHP -228 Kw and GHP - 91Kw. If separate, Kindly indicate Gypsum Switchgear in the SLD.	The Scope matrix is clear, 4 Nos of 11 KV uncabled feeder is provided to the bidder, Bidder shall manage the LT Loads with this. Bidder can decide the division of LHP and GHP loads in the MCC Boards.
3	-	electrical monitoring & energy management system drawing	Please Indicate the feeder for the Data monitoring system in the electrical monitoring & energy management system drawing.	Feeders for the data monitoring system shall be decided by the bidder based on the Technical specification load data of bidder. The Energy monitoring drawing given in the tender is indicative only.
4	TECHNICAL CONDITIONS OF CONTRACT (TCC): Chapter - VII: Terms of Payment	Terms of Payment	We request you to kindly include the following payment milestones:- a) 5% against GA Drawing approval and submission of Bank Guarantee b) 5% against PO release for BOI and submission of Bank Guarantee in the existing Terms of payment.	Tender condition shall prevail

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5	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 1.25.05, Page 30 out of 597	 HV Motors rated 1000KW and above shall also have differential protection.....	Motors above 1000 KW with VFD starting, it's not feasible to provide differential protection please confirm	Bidder to follow NIT specification.
6	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 1.25.05, Page 30 out of 597	 HV motors rated 1000kW and above shall be provided with insulation bearings for avoiding bearing currents.....	For HT motors rated 1000 kW and above, please confirm whether insulated bearings shall be provided on: a) both DE and NDE bearings, or b) only one bearing (normally NDE side) along with shaft grounding arrangement.	Both DE and NDE bearings
7	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 1.28.01.i).i), Page 33 out of 597	The standard cable sizes, ampacities, de-rating factors, etc. shall be as given in IS or relevant standard.	It will be as per IS 7098 / IEC 60287 Please confirm.	Confirmed.
8	-	-	Limestone & Gypsum handling system flow markup is not available in the plot plan . Please clarify	Bidder's query is not clear. However, for the LHP & GHP flow diagram, bidder to refer annexure-4 attached in tender documents along with technical specification and amendments & clarifications issued till the placement of order.
9	-	General	We presume that DGMS standards are not applicable for the same.	Bidder to follow NIT specification.
10	-	General	We presume the area of Installation and the Electrical and Instrumentation Items and Equipments are required for the "safe area" installation. Please confirm	Bidder to follow NIT specification.

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11	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 6.03.07, Page 182 out of 597	The resistors shall be provided with taps at 25%, 50% and 75%.	whether tapped resistance arrangement is mandatory or fixed resistance is acceptable. Please clarify	Bidder to follow NIT specification.
12	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 8.04.08.i).a) , Page 212 out of 597	 DC feeders shall be terminated in bus coupler or Bus PT panel of the switchboard with facility for manual changeover for DC supply.....	Please confirm that: During manual changeover of DC supply from one source/bus section to another, there may be a brief interruption of DC supply to the protection relays / numerical protection units, which may affect continuity of protection availability during the changeover period.	Bidder can propose better solution as per industry practices & decided during detailed engineering.
13	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 8.09.09 DATA SHEET-A, S. No. 2.1, Page 241 out of 597	0-3'-CO-3'-CO Duty cycle of CB	Please confirm that operating duty cycle is in min?	operating duty cycle is in minutes.
14	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 9.01.13-x), Page 244 out of 597	Epoxy moulded Neutral CTs (2 Nos.) of required ratings for REF and Backup earth fault protection shall be provided.	One CT with 2 cores, 1 can be used for REF & other for SEF can be used. Please clarify	Bidder to follow NIT specification.

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15	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 14.28.10, Page 336 out of 597	All VFD operated motors shall have insulated bearings to prevent flow of shaft currents.	please confirm whether insulated bearings shall be provided on: a) both DE and NDE bearings, or b) only one bearing (normally NDE side)	As per relevant IS / IEC guidelines.
16	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 14.38.01 iii), Page 339 out of 597	For Embedded Temperature Detectors two sets of six (6) Twisted triad 0.5 mm ² ATC copper conductor armoured, shielded cable, 650/1100 V Grade IS: 1554 (Part-I). For bearing temperature, RTDS, two (2) sets of four (4) twisted triad 0.5 mm ² , ATC copper conductor armoured shielded 650/1100 V Grade, IS: 1554 (Part-I).	Please confirm shielding requirement: 1. overall shielded (OS), or 2. individually shielded + overall shielded (ISOS ? 3. insulation type: PVC / XLPE/FRLS?	1. Individually shielded + overall shielded 2. PVC/FRLS
17	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 20.04.05, Page 460 out of 597	VFDS shall be at-least 12 Pulse type with active front end rectifiers with total harmonic current distortion limited to less than 4%. For drives less than 100 KW Six (6) pulse can be offered meeting all other requirements.	The specified clause requiring “minimum 12-pulse type with active front end rectifier” appears technically ambiguous, as conventional 12-pulse topology and AFE topology are generally treated as distinct front-end configurations.	Bidder to consider active front end rectifiers with total harmonic current distortion limited to less than 4%.
18	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 22.05.09, Page 481 out of 597	For ungrounded DC system, suitable ground fault detection system with annunciation shall be provided in the battery charger panel to detect ground fault on either polarity.	Please confirm 1. whether the monitoring shall cover only the battery charger panel bus, or the complete battery-charger-DCDB network. 2. whether only annunciation/alarm is required, or any tripping / feeder isolation action is also expected.	1. Complete Network. 2. Only annunciation/alarm is required.

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19	TECHNICAL CONDITIONS OF CONTRACT (TCC): Annexure-10-MSPGCL-NIT-Tech-Spec-Part-2 - VOLUME – III, PART – B Electrical, Clause No. 22.21.01, Page 495 out of 597	 It shall be enclosed in sheet steel enclosure of at least 2 mm, having IP: 54 degree of protection. The MCCB box shall be wall mounted type located in Battery room.	1.Please confirm whether switching/protective devices are permitted inside the battery room as per project safety requirements. 2. safety concern with putting an MCCB box in a battery room is that a battery room can have flammable gas (especially hydrogen during charging) and electrolyte hazards, so ordinary switching equipment inside the room may be unsafe unless the room design and equipment suitability are clearly addressed	Shall be decided during detailed engineering.

- 1) All other terms and conditions against this NIT shall remain unchanged.
- 2) This corrigendum is to be submitted duly signed and stamped along with the Techno-commercial bid (Part- I).

**for BHARAT HEAVY ELECTRICALS LTD
Manager/ Purchase**