

Corrigendum - 5 dated 03/06/2026 to CPC Tender No. BHEL/CPC/TLB/EPC AHP MRHS/27/014

Corrigendum - 5 dated 03/06/2026 to CPC Tender No. BHEL/CPC/TLB/EPC_AHP_MRHS/27/014 for the work of “EPC PACKAGE FOR ASH HANDLING SYSTEM PACKAGE AND MILL REJECT HANDLING SYSTEM AT 3X800MW, NLC TALABIRA THERMAL POWER PROJECT, JHARSUGUDA, ODISHA”.

A) Modification in TECHNICAL CONDITIONS OF CONTRACT (TCC): Some clauses of existing TCC are revised as mentioned below;

Sl. No.	TCC Clause No.	Existing clause in Tender	Revised clause
1	TCC, Annexure-3 ELECTRICAL, CONTROL AND INSTRUMENTATION SCOPE MATRIX FOR 3X800 MW NLC TALABIRA, SI. No. 5	<p>Sl. No. 5: - Main AHP control system (DCS), software development and other equipment related to DCS (DCS panels, Network panels, LVS, PCs, Printers, furniture desk, Chairs, PC Consoles, Servers, EMS, OWS/OEWS/EWS)</p> <p>Bidder's scope includes the following:</p> <p>6. Complete PLC system, for HCSD System and any other PLC operated equipment's, including its HMI, UPS, PC, printers, battery, battery charger etc.</p>	<p>Sl. No. 5. Main AHP control system (DCS), software development and other equipment related to DCS (DCS panels, Network panels, LVS, PCs, Printers, furniture desk, Chairs, PC Consoles, Servers, EMS, OWS/OEWS/EWS)</p> <p>Bidder's scope includes the following:</p> <p>6. Complete PLC system as per customer NIT Spec including its HMI, UPS, PC, printers, battery, battery charger etc.</p> <p>7. Not Applicable</p>
2	TCC, Annexure - 7 NLC Clarification and amendments		<p>Following clarification is part of Annexure – 7 of TCC;</p> <ul style="list-style-type: none"> Commercial: ANNEXURE- 1.1: - Clarifications/ Reply to Deviation Schedule for NTPP 3X800 MW TPS, Jharsuguda, Odisha (Bidder- BHEL) – Documents attached along with this corrigendum.
3	TCC, Annexure-18 Preliminary Geotechnical Investigation report		<p>Following document is part of Annexure-18 of TCC;</p> <ul style="list-style-type: none"> Part 2 of Geotechnical Investigation Report (Documents attached along with this corrigendum).

B) 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	Flow Diagrams		There are Flow diagrams placed at different places numbered IS-1-FL-770-300-M... and 18A03-DWG-M-AHP-..... We are confused which Flow diagrams are to be followed. It is requested that BHEL put all the flow diagrams to be followed in one folder to avoid any confusion.	Bidder to follow specification. Refer Clause 03.06 3) of Technical conditions of Contract [TCC] for clarity on Flow diagrams.

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2	Number of ESP Hoppers	120 or 240	Please refer design memorandum clause 03.02.00 where it is mentioned that the number of ESP hoppers is 240 and in Annexure-21: Input Data to AHP vendor the number of ESP hoppers is mentioned as 120. Please let us know clearly how many hoppers are to be considered as both the documents are forming part of the specification and will have major price implications.	Number of ESP hoppers is 240 per Unit.
3	Plot Plan: PE-DG-100-511-M001	MCC rooms	We have noted that there are 5 MCC rooms shown in the Plant area. 1 adjacent to the compressor house, 1 in Unit # 2 boiler area and 1 in each slurry pumphouse. Please confirm from where the drives for the silo area and HCSD pump area will be fed?	Bidder to decide the same in line with specification. Bidder to refer the Annexure -3 electrical scope matrix Sl No. 2 where it is clearly mentioned reg. qty and location of MCC buildings. i.e., "Quantity & location of MCC building marked in plot plan is tentative only. Bidder to decide the Quantity and locations of MCC buildings without disturbing other facilities of BHEL".
4	Plot Plan: PE-DG-100-511-M001	Pipe route	The plot plan is incomplete as it does not show the route of HCSD pipes to be followed for routing the pipes to the Coal Mines. This route is required to check the number of culvers and bridges to be constructed if any. This is required as it will have a major impact on the pricing.	Ash slurry corridor is shown along the mine road in Plot plan. Bidder to visit site for further details.
5	Plot Plan: PE-DG-100-511-M001	Locations	Location of various Facilities can be shifted to suit the layout in the areas shown for Ash Handling Plant. Please confirm.	Location may be shifted within the area allocated for Ash handling system and without affecting other facilities. This is subject to technical feasibility during detail engineering.
6	Plot Plan: PE-DG-100-511-M001	Pipe rack	Please confirm that Grating will be provided only on the walkway and not the complete pipe rack conveying Dry Ash lines and slurry lines to the silo.	Specification is clear. Bidder to follow specification.

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Sl. No.	Section/ Clause No	Specification/ Existing Provision	Bidder's Query	BHEL Clarification
7	Plot Plan: PE-DG-100-511-M001	Roads and drain	We have noted that the vendors scope is limited to BA Slurry pumphouse area and silo area for road and drains. Please confirm.	All roads in the Red highlighted area are in the AHP scope of bidder including approach roads to AHP facilities. Bidder to follow Technical specifications, clarifications and amendments issue by NLC for details of road work.
8	Plot Plan: PE-DG-100-511-M001	Buffer Hoppers	The plot plan shows only 4 buffer hoppers placed below the ESP inlet funnel. Please check it should be 6 nos. Please let us know if there is any space limitations.	No. of buffer hoppers shall be as per Specification and Corrigendum.
9	Design Memorandum clause 03.02.00	Ash Generation	Please confirm that bidder has to size the Ash Handling System for total Ash Generation of 257.8. Any other figure mentioned elsewhere is superseded.	Confirmed. Refer Annexure-9 for details.
10	Design Memorandum clause 03.03.00	Coarse Ash Removal capacity 90TPH	Please check as per our calculation it should be $2 \times 90 = 180$ TPH. Please also check calculation in clause no. 04.01.02 which is correct. Please confirm that we need to follow the calculation as mentioned in clause 04.01.02.	Clause 04.01.02 shall be followed.
11	Design Memorandum clause 03.08.00	HCSD Pump Capacity: 256 TPH (dry ash basis)	Please confirm the amount of BA from Hydrobin to be considered. As per past experience, we understand that out of 256 TPH, 51.2 TPH will be from Hydrobin and balance 204.8 TPH will be Fly Ash. Please check and confirm.	Specification is clear. Bidder to follow specification and corrigendum.
12	Design Memorandum clause 03.03.00	BA and CA – Belt Conveyor: 100 TPH	Please check the capacity as 20% ash works out to 51,2 TPH only.	Specification is clear. Bidder to follow specification and corrigendum.
13	Design Memorandum clause 03.05.00	Bottom Ash Slurry line velocity: 1.8 to 2.8 m/sec.	Please check, the minimum velocity. As per our experience it should be 2.3 to 2.8 m/sec	Bidder to follow specification and corrigendum.
14	Design Memorandum clause 03.03.00	Coarse Ash Tank Capacity: 10 minutes	The capacity in flow diagram is mentioned as 5 minutes, hence please check the discrepancy and confirm the requirement.	Specification is clear. Bidder to follow specification.

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Sl. No.	Section/ Clause No	Specification/ Existing Provision	Bidder's Query	BHEL Clarification
15	Design Memorandum clause 03.11.00	Margin on Head: 15%	Please check and confirm whether 15% margin is to be considered on Head which includes the static rise also or 15% margin on Friction loss. As per past experience, margin should only be considered only on Friction loss and not on the static lift.	15% margin shall be on the total head.
16	Design Memorandum clause 04.01.06	Fly Ash Silo Volume	Please let us know if any angle of repose is to be considered or not. Your calculation only mentions Effective volume and free board.	Angle of repose to be considered.
17	Electrical scope	HT Motors	Please furnish the break-up of Free issue HT motors for clarity.	Scope Matrix is clear. Qty of free issue 3.3KV HT Motor is for Water and Slurry Pump application. Bidder to follow the specifications.
18	General	Sludge from sources other than Settling and surge tank	Please furnish if any sludge is to be catered for in AHP design. Normally in BHEL Specs it is mentioned clearly in TCC.	Specification is clear. Bidder to follow specification and corrigendum.
19	Broad Scope of work, Sl. No. 5	Firefighting	Please furnish the pressure at which the water will be available in the boiler area to enable us check for the requirement of booster pump as mentioned in the Broad scope of work	Booster pumps for the hydrant and spray system has been considered by BHEL near boiler area only as per specification requirement. The available pressure in the headers as follows; 1. Spay booster header: 16 Kg/cm2 at a flow of 410m3/hr 2. Hydrant booster header: 15 kg/cm2 at a flow of 171m3/hr 3. Spray header: 10 kg/cm2 4. Hydrant header: 10 kg/cm2 All the above headers are available near the D row of Boiler area only.
20	Broad Scope of work, Sl. No. 17	Dismantling of existing structure/Building	Please check the requirement as under Sl.No.13, only micro grading is in bidder scope. Moreover, Annexure-15 is spec. for MRHS and not grading and levelling report as mentioned in remarks column. Please furnish the said report.	Annexure-15 may be read as "Annexure - 18"

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Sl. No.	Section/ Clause No	Specification/ Existing Provision	Bidder's Query	BHEL Clarification
21	TCC clause 03.06 2)	Flow diagrams	Please note that in NLC of BHEL flow diagrams, the BA Slurry pumps are not shown. Please check and furnish the flow diagram for BA Slurry Pumping.	Bidder to follow specification and corrigendum.
22	TCC clause 03.06 5)	Pipe Racks and cable racks	Please furnish the details of BHEL and NLC pipes to be considered in Bidders pipe rack at this stage to enable us consider the same for estimation. Furnishing the same at a later date will not be of any help.	Bidder may refer to the specifications for NLC/customer requirements. BHEL requirement for provision of cable trays/pipes in bidder's piperack /cable rack will be provided during detailed engineering.
23	Plot Plan: PE-DG-100-511-M001	MRHS silos	There are only 2 no. silos shown for three units. Please check and confirm whether you desire three silos or two silos.	2 nos. MRS Silos are required per unit. Please refer drawing at Page- 81 of 84 of PE-TS-511-160-A001 (Technical Specification for MILL REJECT SYSTEM (PNEUMATIC TYPE)).
24	MRHS	Mill outlet	We have noted that the Mills are laced in the front of the unit and not the sides. Please furnish the GA with Mill outlet to enable us size the MRHS system.	Correct. The layout is for front mill arrangement. Please refer GA drawing of Mill at Page- 80 of 84 of PE-TS-511-160-A001 (Technical Specification for MILL REJECT SYSTEM (PNEUMATIC TYPE)).
25	TCC clause 07.00	Payment terms 62% upon Dispatch, 20% upon receipt, 8% milestone payment and 10% against PG test, provisional takeover and final takeover.	Considering the quantity of works included and the amount of steel, it is not feasible to maintain a positive cash flow. We request you to provide 75% against dispatch, 20% against receipt and 5% against commissioning.	Tender condition prevails.
26	Annexure-2A_ Scope Matrix - MRS (Civil & Electrical) Pg 5 of 6	Mill Reject System	Bidder understand that, Other than the Cabling, Motors, Lighting (In control Room, if any), Cable Tray (For both end equipment in Vendor's scope, all the engineering & supply is in BHEL scope, please confirm.	Please refer Scope and Remarks in Annexure-2A_ Scope Matrix - MRS (Civil & Electrical) Page-5 and 6 (of 6).
27	Sl. No./Chapter:13 Broad Scope Matrix & Terminal points for EPC PKG-Ash Handling Plant & Mill Reject Handling System (Annexure-2)	Micro grading (+/- 500 mm) shall be in vendor scope. Refer Annexure-15 for Levelling and Grading Report	Annexure-15 is MRHS specification. Please provide Levelling and Grading Report.	Annexure-15 may be read as "Annexure - 18". Further Part 2 of Annexure 18 is attached along with this corrigendum.

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Sl. No.	Section/ Clause No	Specification/ Existing Provision	Bidder's Query	BHEL Clarification
	S. No.: 16 of Corrigendum-28 (Page: 60 of 388)	Total six (6) nos. HCSD pumps with six (6) nos. slurry discharge pipes ----- - respectively excluding valves & fittings.	Please provide HCSD Pipeline layout drawing showing route grade level from HCSD Pump House upto emergency ash dyke and mine void. During site visit, Bidders understand that only Micro grading (+/- 500 mm) is in vendor scope.	Please refer Annexure 4. Bidder to follow specification.
28	Vol-II-E (Technical Specifications for Instrumentation and Control)		Document is not in readable format. Please provide the document in readable format.	Bidder to refer Annexure 7 part-1 Readable document of Vol-II-E (Technical Specifications for Instrumentation and Control) which is already available in Corri-1_2-corri1850120201118_0015K_COCont_document2

- 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
Sr. Manager/ SCT**