

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077 for the work of “EPC of Coal handling plant, Biomass handling system, Limestone handling plant, Gypsum handling plant, Mill Reject handling system at 2x800 MW DVC Koderma Ph-II, Jharkhand”.

A) Modification in Technical Conditions of Contract (TCC): Clause No. 16.04.08 of Chapter – XVI and Annexure - 2 of CHAPTER-XIII of TCC are revised as below;

EXISTING CLAUSE		REVISED CLAUSE	
Clause No.		Clause No.	
16.04.08	Note: In case the Civil Works Price (including Site Fabricated Structural Works Price) is more than 30 % of the cumulative total Ex-works Price of Main Equipment, the amount by which it is higher shall be retained while releasing progressive payments due on completion of civil works (including Site Fabricated Structural works), and no interest shall be payable on the retained amount. The aforesaid retained amount shall be paid along with payment due on completion of Trial Operation / Completion of Facilities.	16.04.08	-Void-
13.00.00	Annexure-2: Broad Scope Matrix for CHP, BMHP, LHP, GHP	13.00.00	Revised Annexure-2 (attached along with this corrigendum): Broad Scope Matrix for CHP, BMHP, LHP, GHP

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

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/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
1	Volume-1A, TCC, Chapter-II, Clause 02.03.00, Page-5 of 85	The nature of work generally involves piling (if required), earthwork in excavation in all types of soil and rock including controlled blasting/mechanical means, de-watering...	<p>1. Area like track hopper and Wagon tippler involves huge as well as deep excavation. Kindly share us the soil report of the proposed area for considering the nature of under-ground civil work involvement like pile foundation or need any blasting for removing of rock (if required). Both "Pile Foundation" as well as "Blasting of Rock" is time taking and also involve commercial implications. As such condition SOIL REPORT of the proposed area is very much essential.</p> <p>2. If controlled blasting is required kindly share us the details of your approved agencies for executing such type of activity.</p>	<p>1. Annexure - 31 (attached along with this corrigendum) Bore log details attached for the CHP area.</p> <p>2. Refer DVC TECHNICAL SPECIFICATION SECTION-VI, PART-B Clause 7.05.00, SUB-SECTION CIVIL WORKS FOUNDATION SYSTEM and elsewhere</p>
2	Volume-1A, TCC, Chapter-II, Clause 02.20.00, SI No-B (6), Page-15 of 85	Complete dust extraction system (Wet and Dry type) for CHP, LHP, GHP, and BMHP...	As per the Coal, Biomass and Limestone Handling Flow diagram DE system indicated for CHP Crusher House, Biomass handling system (only at receiving of biomass silo) and Limestone handling system. For CHP Crusher house only (at Vibrating feeder discharge and Crusher discharge) we are considering Wet Type DE system.	Bidder to follow technical specification of end user. Clause no 4.11.12, TECHNICAL SPECIFICATIONS SECTION-VI, PART B, SUB-SECTION-A-20 Coal & Biomass and Limestone & Gypsum Handling Plant.
3	Volume-1A, TCC, Chapter-II, Clause 02.20.00, SI No-B (7), Page-15 of 85	Water system for CHP, LHP... Dry Fog/Cold fog type dust suppression system...	Please indicate the application point for the Cold fog dust suppression system.	Bidder to follow technical specification of end user. Clause no 4.11.3, TECHNICAL SPECIFICATIONS SECTION-VI, PART B, SUB-SECTION-A-20 Coal &

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
				Biomass and Limestone & Gypsum Handling Plant.
4		Floor level of tripper conveyor 21A/21B at boiler bunker Unit#3 and Unit#4	1. Profile drawing of conveyor is not available with the TS. For developing the profile drawing of CHP conveyor we need Bunker Floor level. Kindly furnish us the same. 2. Please indicate travel length of tripper.	Please refer Annexure - 30 (attached along with this corrigendum) Drg. No. IS-1-GA-776-101-M016-R0_GA AND LOAD DATA OF BCN-21AB & TRIPPER FLOOR for tender purpose. This drawing shall be finalized by bidder during detail engineering. Bidder to follow bunker floor level and other bunker details from this drawing with dimensional variation $\pm 10\%$ during detail engineering.
5	Volume-1A, TCC, Chapter-II, Note, Point No-8 (Pg-19 of 85)	Bidder shall provide the illumination, earthing, lightning protection..... for all areas where civil and structures is in bidder's scope. Illumination for bunker bay area also will be in bidder's scope.	Bunker bay structure will be done by other. Only bunker feeding conveyor and travelling tripper is in the scope of bidder. As such please clarify shall we need to consider complete illumination of bunker bay or else only conveyor gallery illumination to be considered.	Please refer Annexure - 30 (attached along with this corrigendum) Drg. No. IS-1-GA-776-101-M016-R0_GA AND LOAD DATA OF BCN-21AB & TRIPPER FLOOR for civil & structural scope clarity. Please note civil and structural scope for gallery and trestles between two units are in bidder's scope. Please refer revised Annexure - 3 (attached along with this corrigendum) CHP Electrical CI

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
				Scope Matrix KODERMA, where illumination for bunker floor mentioned in bidder's scope.
6	Volume-1A, TCC, Chapter-II, Note, Point No-16 (Pg-20 of 85)	Yard conveyor including civil foundation work, fixing of rail, foundation bolts, development of stockpile area with wind barrier etc is also in the scope of bidder excluding only stacker reclaimer machine	1. Kindly clarify type ground preparation applicable for stock pile bed. 2. Height of wind barrier to be considered. 3. What is the Material of wind barrier screen?	1. Bidder to follow Technical Specification Section-IV, Part-B, Clause no 5.23.06 & ANNEXURE-H. 2 & 3. Bidder to follow technical specification of end user. Clause no 4.12.0, TECHNICAL SPECIFICATIONS SECTION-VI, PART B, SUB-SECTION-A-20 Coal & Biomass and Limestone & Gypsum Handling Plant.
7	Volume-1A, TCC, Clause-06.09.03, (b), (Pg-39 of 85)	Land for labour colony shall be arranged by Contractor at their own cost as per availability outside project area within 5Km...	Arranging land for labour colony as well as construction of colony and transportation of labour will be in bidder's scope. Depending upon the suitable availability of the land the colony will be constructed. Hence forth we request you to withdraw this distance limit.	Tender conditions prevail
8	Volume-1A, TCC, Clause-06.11.00, (1), (Pg-40 of 85)	However, contractor has to deploy DG Sets to meet power requirement in case of delay in availability of single source or any kind of power interruptions during the course of the project at no extra cost to BHEL.	We understand there should not be any inordinate delay.	Tender conditions prevail

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
9	Volume-1A, TCC, Clause-08.01.00, (1), (Pg-40 of 85)	Design, supply, transportation, loading/ unloading at site, receipt, storage, security, transportation to erection location and E&C of complete stacker and reclaimer machines is excluded from bidder's scope. Supply of rails, rail fixtures, foundation bolts, machine mounted dust suppression system is also excluded from bidder's scope. However, complete civil foundation works, erection of rail, rail fixtures, foundation bolts and handing over erection front to Stacker cum Reclaimer machine package vendor are in bidder's scope. BHEL will provide only civil input data related to Stacker cum Reclaimer machine. Further bidder to consider provision for laying of firefighting pipes along with Stockpile DS water pipes. Also, bidder to provide tapping point with QRC at every 25 mtr interval @ 4.5 kg/cm2 tip pressure for feeding water to machine mounted DS system of SCR. However, bidder's scope shall include system integration/ control requirements and control philosophy w.r.t. overall coal handling plant.	<p>1. Please indicate expected tentative timeline of receiving of the Mechanical Load data of SCR machine for further design of civil foundation for stacker cumreclaimer machine.</p> <p>2. Also please indicate tentative timeline for handing over of civil foundation along with rail for erection of stacker cum reclaimer machine.</p> <p>3. We understood that design and supply of fire-fighting system is not in bidder's scope only provision should be kept.</p>	<p>1. Mechanical Load data shall be shared with Successful bidder immediately after award of contract.</p> <p>2. Refer chapter XIV of TCC</p> <p>3. Fire protection system and Fire detection and alarm system is in the scope of bidder.</p>

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
10	Volume-1A, TCC, Clause-09.07.00, (Pg-45 of 85)	Track Hopper: Supply and laying of rails on Track Hopper including machinery hatch on both sides of track hopper shall be in the scope of Bidder.	Rail laying at track hopper to be done in compliance with railway authority rules and this is a special type of job executed by railway contractor. Again quantum of job involvement is very less and may not be able to get suitable contractor. Hence we request you exclude the same from bidder's scope.	Bidder to follow Specification
11	Volume-1A, TCC, Clause-09.09.00, (Pg-45 of 85)	Limestone Day Silo: Supply and erection of all the equipment and associate accessories related to Day silo top floor shall be in bidder's scope. However civil and structural works of day silo floors are excluded from bidder's scope.	Kindly indicate top of floor of LS Day silo for developing the profile drawing of Limestone Handling System	Top floor elevation for limestone day silo may be considered as +32m from FGL. This is tentative and subject to change during detail engineering.
12	Volume-1A, TCC, Clause-06.09.02, (Pg-39 of 85)	Land/Open Space: Availability of land within plant boundary is very limited and the contractor has to plan and use the existing land considering the use of land by other Civil /mechanical/ electrical contractors and the storage of plant machineries and materials. The existing land shall be shared by all erection agencies. BHEL shall provide free of charge limited open space for office, storage shed and laydown area as and where made available by Customer.	1. We understood that suitable space (as per bidder's requirement) for fabrication yard, storage yard and site office will be provided by client within the plant boundary. 2. We understood that site fabrication is allowed inside the plant boundary.	Tender conditions prevail

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
13	Volume-1A, TCC, Clause-06.09.02, (Pg-85 of 85)	The total amount of Liquidated Damages for delay under the contracts will be subject to a maximum of 7.5 % of the total contract price.	We request for a maximum LD of 5% of the total contract price	Tender conditions prevail
14	Volume-1A, TCC, Clause-16.00.01, (Pg-63 of 85)	PAYMENT TERMS For Plant and Equipment	We request for an advance payment of 5% against placement of order, submission of ABG of equivalent amount. Accordingly, we request you to modify the payment of 20% (as given under clause no 16.01.02) to 15%.	Tender conditions prevail
15	Annexure-10, Clause 1.0, Page-1	3D drawing submission methodology. Complete structural and civil model shall also be prepared in Tekla and to be submitted to BHEL	Is it mandatory to do Civil and structural model or else we can do by any other 3D modelling software?	Yes, All the Civil and structural model shall be prepared in TEKLA (3D Modelling software).
16	TCC Cl. No. 16.14.04 Pg (79/85) & TCC Cl. No. 16.14.04 Pg (79/85)	5% of Interest Free Mobilization Advance shall be applicable only on Total Civil + Installation/ Erection + Structural Works in line with the Approved Customer BBU.	We request BHEL to extend the 5% of Interest Free Advance for supply portion also considering the value of the project.	Tender conditions prevail
17	TCC Cl. No. 17.00.00 & 17.01.00 Pg (83/85)	PROVENNESS Requirement Reference date: 26.07.2024 Wagon Tippler Reference date: 26.Oct.2024	Which reference date to be followed.	Refer published Corrigendum – 3 dated 27/03/2025

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
18	TCC Cl. No. 17.02.00 Pg (83/85) & Owner's Amendment No 4 Technical Specifications (Section VI) Cl. No. MH-1	PROVENNESS Requirement Mill reject handling system	Contents of both clauses differ. We consider amendment issued by Owner is final & applicable: Mill reject handling system offered by the Bidder/its Sub-Vendor shall be only from such manufacturer/supplier who has previous experience of manufacturing/got manufactured and supplying metallic belt conveyor type or chain flight conveyor type handling systems of capacity 1.5 MTPH or higher for any industrial installations which are in successful operation in at least one (1) plant for a period not less than one (1) year. The reference handling systems should be of the same type i.e. metallic belt conveyor system or chain flight conveyor system as is being offered by the Bidder/ its Sub- vendor.	Refer published Corrigendum – 3 dated 27/03/2025
19	TCC Cl. No. 17.03.00 Pg (83/85)	PROVENNESS Requirement For Civil & Steel Structural Works of Coal Handling Plant: Bidder or its agency(ies) should have executed track hopper or wagon tippler of Coal Handling Plant of 500 MW or higher capacity Coal based/Lignite based power plant.	We request BHEL to amend as below the Provenness criteria for Civil & Steel Structural Works of Coal Handling Plant: Bidder or its agency(ies) should have executed track hopper or wagon tippler of Coal Handling Plant of 500 MW or higher capacity Coal based/Lignite based power plant or underground concrete works of minimum 8 m depth.	Refer published Corrigendum – 3 dated 27/03/2025
20	Annexure-16, MRHS, Technical Specifications	Civil & Electrical scope	We understand that the civil and electrical exclusions applicable to the Sipat project will also apply to the Koderma project. Kindly confirm.	Refer published Corrigendum – 3 dated 27/03/2025

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
21	Corrigendum No 15, Sr. no - 1 Page no-1of 7	Dismantling of existing rail and over ground electric line is required for erection of proposed wagon tippler complex which needs to be taken up by customer. Kindly confirm the same.	Please confirm whether the dismantling of the existing rail and overhead electric line, if required for the erection of the proposed wagon tippler complex, is the responsibility of the bidder or BHEL.	Dismantling of the existing rail and overhead electric line, if required, is in bidder's scope in coordination with BHEL and DVC at site.
22	Corrigendum No 15, Sr. no - 1 Page no-1of 7	Scope of Railway Siding for Track Hopper & Wagon Tippler Complex	Kindly clarify the scope of the railway siding work related to the track hopper and wagon tippler complex. And if it falls in bidder scope, what will be the terminal points in both cases.	Rail for track hopper complex and wagon tippler complex is in bidder's scope. Railway siding work outside of these buildings are in customer's scope.
23	Corrigendum No 13, Amendment No 4 Technical Specifications (Section VI) Annexure MH-2 Part 1 of 2 and 2 of 2	Drawings	The drawings for TP-9 & TP-10, as well as Conveyors 10A/B & 12A/B, are unclear and unreadable. Please provide legible copies or, at the very least, provide the elevations for Conveyors 10A/B & 12A/B	All drawings are attached. Refer Annexure - 32 (attached along with this corrigendum)
24	Corrigendum No. 10 Sr. No. 571 Page No. 67 of 86	All steel structures shall be fabricated at factory, transported and erected at site	Please clarify whether billing of these structures will be under the head of supply price OR under the head of civil works price (including site fabricated structure)	Payment terms of Site Fabricated Structural Works shall be applicable
25	Corrigendum No. 10 Sr. No. 571 Page No. 67 of 86	All steel structures shall be fabricated at factory, transported and erected at site	Please clarify whether site fabrication of steel structures is allowed for this project in line with NTPC Sipat	Refer DVC Tender Doc. Technical Amendment - 5 Point No. D1-51
26	TCC CL. No. 16.01.09,16.04.08,16.15.00	Civil works Price (including Site Fabricated Structural works price) should be between 20% - 30% of the	Revisit the percentage band considering the total proportion of Civil Works Price (including Site fabricated structural works price)	Refer Sl. No. A above

Corrigendum - 5 dated 03/04/2025 to CPC Tender No. BHEL/CPC/KDM/CHP-EPC/25/077

Sl. No.	Section/Clause/Page No	Statement of Referred Clause	Bidder's Query	BHEL Clarification
		cumulative total of Ex-works Price of Main Equipment		
27	NIT, Clause No. 19	"BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com on "supplier registration page" i.e. < https://www.bhel.com/guidelines-reverse-auction2024 >) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price Bids of all the techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking."	Bidder request to waive off the "Reverse Auction" requirement.	Tender conditions prevail

Note:

- 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**