Corrigendum - V dated 19/12/2025 to CPC Tender No. BHEL/CPC/KOD/EPC-DBA/26/035

Corrigendum – V dated 19/12/2025 to CPC Tender No. BHEL/CPC/KOD/EPC-DBA/26/035 - Dry Bottom Ash Handling System-EPC Package (Package-I) of Unit#3 & Unit#4 at 2x800 MW DVC Koderma Ph-II, Jharkhand.

A) Time Extension: Clause No. 1.0 Salient Features of NIT in NOTICE INVITING TENDER is revised as below**:**

Sl. No.	Clause No.	Existing in Tender	As per Corrigendum-I	As per Corrigendum-II	As per Corrigendum-III	As per Corrigendum-III	Revised as
1	Sl. No. v) DUE DATE & TIME OF OFFER SUBMISSION.	Date: 26/11/2025, Time: 10:00 Hrs	Date: 01/12/2025, Time: 10:00 Hrs	Date: 11/12/2025, Time: 10:00 Hrs	Date: 16/12/2025, Time: 10:00 Hrs	Date: 19/12/2025, Time: 10:00 Hrs	**Date: 24/12/2025, Time: 10:00 Hrs**
2	Sl. No. vi) OPENING OF TENDER	Date: 26/11/2025, Time: 16:30 Hrs	Date: 01/12/2025, Time: 16:30 Hrs	Date: 11/12/2025, Time: 16:30 Hrs	Date: 16/12/2025, Time: 16:30 Hrs	Date: 19/12/2025, Time: 16:30 Hrs	**Date: 24/12/2025, Time: 16:30 Hrs**

Corrigendum - V dated 19/12/2025 to CPC Tender No. BHEL/CPC/KOD/EPC-DBA/26/035

B) Modification in TECHNICAL CONDITIONS OF CONTRACT (TCC) Volume-IA: Following drawings are hereby added along with the modified clause of TCC:

Sl. No.	EXISTING CLAUSE		REVISED CLAUSE	
	Clause No.		**Clause No.**	
1	**Refer sl. no. 6 of Section-B of Corrigendum-IV dated 16/12/2025-** **Sl. No. 2.1 of Annexure-9: Broad Scope Matrix to TECHNICAL CONDITIONS OF CONTRACT (TCC) Volume-IA**	**Description:** Complete structural work for the Eco dry ash conveyor system including necessary platform/ floor / Handrail/gratings, Hoist, monorail supporting beams, maintenance platforms etc. are in bidder's scope. Bidder shall take necessary supports for the ECO dry ash Conveyor structures as mentioned above to meet the requirement only from the Boiler structural columns. Since existing floor and beams are not designed for taking care of Eco ash conveyor load, Bidder shall avoid any interconnections of Eco conveyor platform with the existing floors & beams. It is once again informed that support has to be taken from boiler structural columns only. In case any interconnection with the existing beam is unavoidable then same shall be planned only after discussing with BHEL and if acceptable then suitable strengthening measures of the existing structures needs to be carried out by the bidder in consultation with BHEL. Bidder shall take care of all safety measures while designing the structural platform for mounting of Eco dry ash conveyor system at +18M EL. Refer enclosed structural GA Drawing of +18M EL (**No- 0-36-323-30229, 0-36-323-30230 and 0-36-323-30232**).	**Refer sl. no. 6 of Section-B of Corrigendum-IV dated 16/12/2025-** **Sl. No. 2.1 of Annexure-9: Broad Scope Matrix to TECHNICAL CONDITIONS OF CONTRACT (TCC) Volume-IA**	**Description:** Complete structural work for the Eco dry ash conveyor system including necessary platform/ floor / Handrail/gratings, Hoist, monorail supporting beams, maintenance platforms etc. are in bidder's scope. Bidder shall take necessary supports for the ECO dry ash Conveyor structures as mentioned above to meet the requirement only from the Boiler structural columns. Since existing floor and beams are not designed for taking care of Eco ash conveyor load, Bidder shall avoid any interconnections of Eco conveyor platform with the existing floors & beams. It is once again informed that support has to be taken from boiler structural columns only. In case any interconnection with the existing beam is unavoidable then same shall be planned only after discussing with BHEL and if acceptable then suitable strengthening measures of the existing structures needs to be carried out by the bidder in consultation with BHEL. Bidder shall take care of all safety measures while designing the structural platform for mounting of Eco dry ash conveyor system at +18M EL. Refer enclosed structural GA Drawing of +18M EL (***No- 0-36-323-30229, 0-36-323-30230 and 0-36-323-30232***). *Above Mentioned **Drawing** are hereby attached along with this **Corrigendum-V.***

Corrigendum - V dated 19/12/2025 to CPC Tender No. BHEL/CPC/KOD/EPC-DBA/26/035

C) 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	Bidder's Query	BHEL Clarification
1	2-TCC-Annexure-1-to-5/Annexure-1-Plot Plan 2-TCC-Annexure-1-to-5/ANNEXURE-3-DBA Flow Diagrams with Scope Demarcation ANNEXURE-9-Broad Scope Matrix	Complete ECO Ash handling System as per descriptions given in NIT specification (document No. DVC/C&M/ Engineering/KTPS(2X800MW)/EPC/IPHB), BHEL technical enquiry specification and subsequent amendments, clarifications if any till placement of order.	We would like to inform that we are the OEM for Dry Bottom Ash Handling system. Our technology and system is well proven for handling dry bottom ash. We don't have expertise in doing dry ash handling for economizer ash. Since particle size distribution of economizer ash is different from bottom ash, hence eco ash, duct ash etc. should be clubbed with fly ash handling system. Hence, we request you to remove complete scope of Economizer ash handling system from DBA vendor package.	Bidder to comply with Technical specification.
2	--	--	The plot plan provided in the tender documents is not editable, making it impossible to determine the required dimensions. Kindly provide an editable version of the PLOT PLAN.	Bidder to comply with the technical specification/available documents.
3	--	--	Please provide editable boiler plan and sectional drawings (including boiler ash discharge outlet elevation, economizer ash hopper elevation, horizontal positioning dimensions, etc.) to facilitate the layout of the dry bottom ash conveyor and the economizer ash conveyor.	Bidder to comply with the technical specification/available documents.

Corrigendum - V dated 19/12/2025 to CPC Tender No. BHEL/CPC/KOD/EPC-DBA/26/035

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
4	--	--	In typical Chinese practice, economizer ash is pneumatically conveyed to the slag silo. Using a mechanical conveyor to feed the economizer ash into the dry bottom ash conveyor is not easy to arrange and is not reasonable. Could the scheme be revised?	Bidder to comply with the technical specification.
5	--	--	The tender requires the economizer ash conveying system to use a metallic belt conveyor. Does this refer specifically to a metal belt conveyor? May a high-temperature-resistant drag chain conveyor be used instead? Is a dual-route conveyor arrangement required? As the conveyor must cross other equipment in the boiler house, what requirements does the tendering authority have regarding its layout?	Bidder to comply with the technical specification.
6	--	--	In Package-2, the conveyor passes through the buffer slag silo, which affects the silo layout. Please provide the relevant layout drawings and requirements.	Tentative Layout is enclosed *(Annexure-1 to Corrigendum-V)*
7	--	--	Please provide editable boiler room plan and sectional layout drawings.	Enclosed *(Annexure-2 to Corrigendum-V)*
8	--	--	Are there any requirements for the capacity of the boiler ash hoppers?	Specification is very clear regarding capacity of Bottom Ash Hopper. Bottom Ash Hopper storage capacity shall be 4.7Hrs of at 100% BMCR worst condition.
9	--	--	The flow diagram and the tender documents require the economizer ash to enter the second-stage dry ash handling equipment, while the plot plan indicates it enters the first-	Ash from ECO Metallic Belt Conveyor shall be discharge in 1st or 2nd Dry Ash Conveyor (as applicable) as per suitability

Corrigendum - V dated 19/12/2025 to CPC Tender No. BHEL/CPC/KOD/EPC-DBA/26/035

Sl. No.	Section/Clause No	Specification	Bidder's Query	BHEL Clarification
			stage equipment. Please confirm whether it should go to the first-stage or the second-stage equipment.	of OEM and layout and shall be subjected to approval from end customer.
10	--	--	Additionally, the flow diagram shows a single-line conveying system for the economizer ash, whereas the plot plan indicates a dual-line system. Please also confirm whether it should be a single-line or a dual-line system.	It is a dual line metallic belt conveying system.
11	--	--	Regarding standards: the tender documents require Indian and international standards, Whether the engineering design and equipment manufacturing standards can adopt Chinese standards.	Tender conditions prevails.

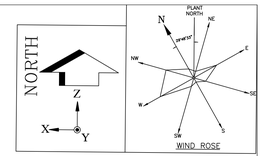
Note:

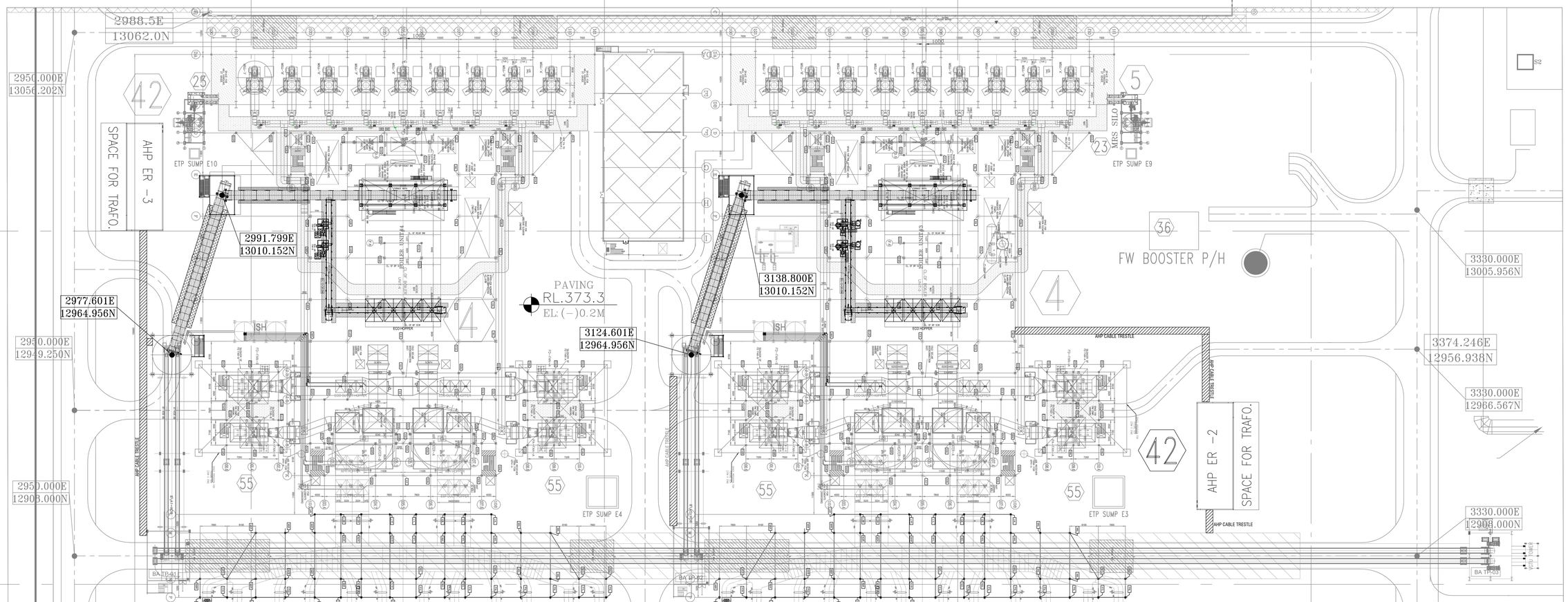
1) **All other terms and conditions against this NIT shall remain unchanged.**
2) **This corrigendum is to be submitted duly signed and stamped along with the Techno-commercial bid (Part- I).**

for BHARAT HEAVY ELECTRICALS LTD
SDGM / Purchase - CPC

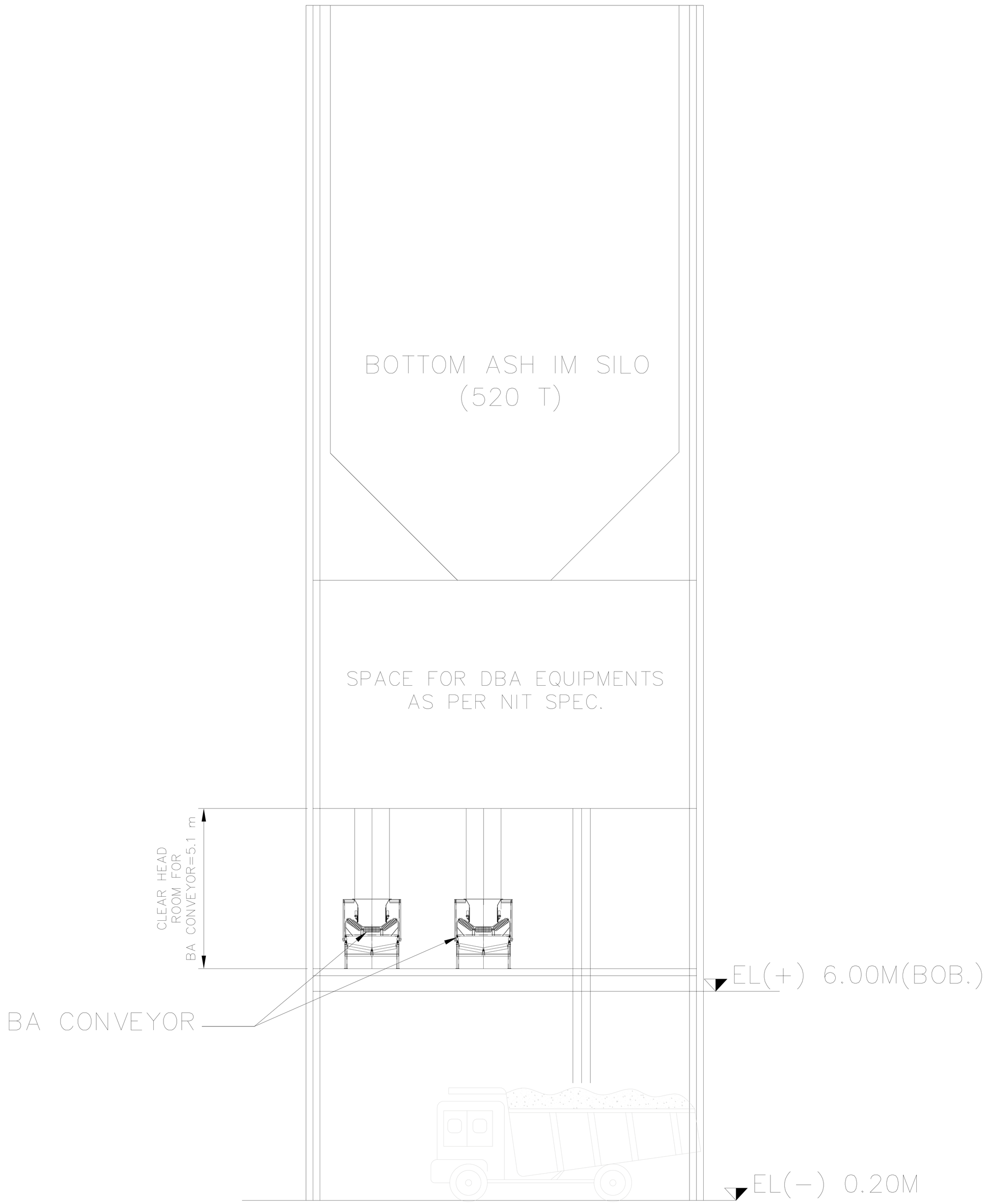
KODERMA THERMAL POWER PROJECT
PH–II (2x800 MW)

Annexure-1 to Corrigendum-V





BOTTOM ASH INTERMEDIATE SILO



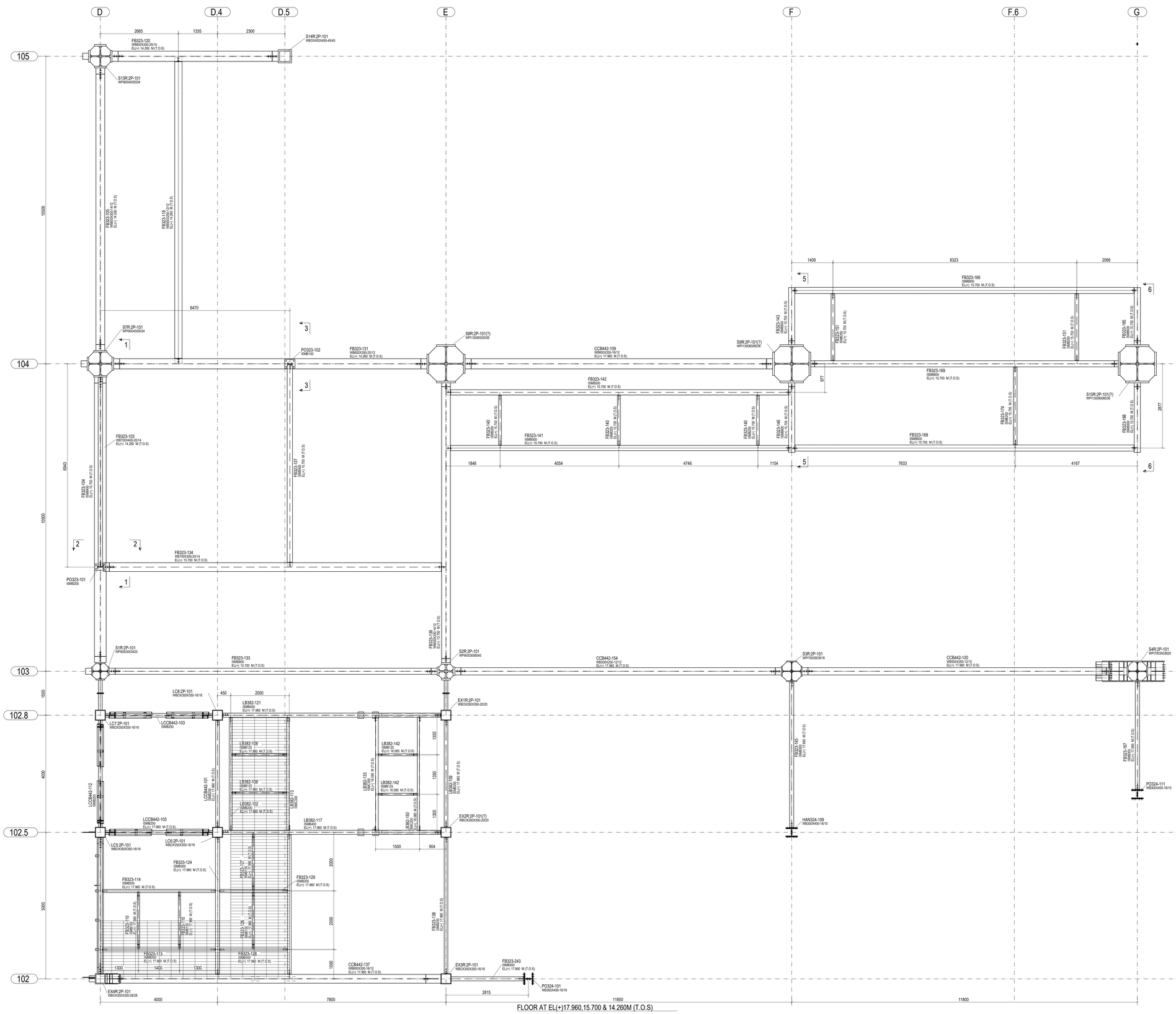
NOTE:

1. THIS SKETCH IS ONLY TO INDICATE MINIMUM ELEVATION REQUIRED FOR BELT CONVEYOR FLOOR.
2. DIAMETER OF THE SILO AND OTHER DIMENSIONS ARE TO BE DECIDED BY BIDDER SUITING LAYOUT.
3. ACTUAL DIMENSION SHALL BE FINALIZED DURING DETAIL ENGINEERING AS PER THE SIZING CALCULATION SUBMITTED BY BIDDER.

2X800 MW Koderma
Dry Bottom Ash Handling System-
EPC Package (Package-I)

DRAWING NO: 0-36-323-30229

FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER PLANT STD. NO TP 023 0299



FLOOR AT EL(+)17.960,15.700 & 14.260M (T.O.S)

NOTES 1:

MEMBERS WITH PREFIX & THEIR PGMA RELEASE DETAILS:

A.FB323-XXX & HBR323-XXX
B.HAN323-XXX & PO323-XXX
C.VBR323-XXX

NOTES 2:

THIS DWG.SHALL BE READ ALONG WITH DWG.NOS.0-36-323-30229 TO 30234

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

	NAME	SIGNATURE	DATE
DRN	KLE		28.10.2024
CHD	MPK		28.10.2024
APPD	RAJIV		28.10.2024

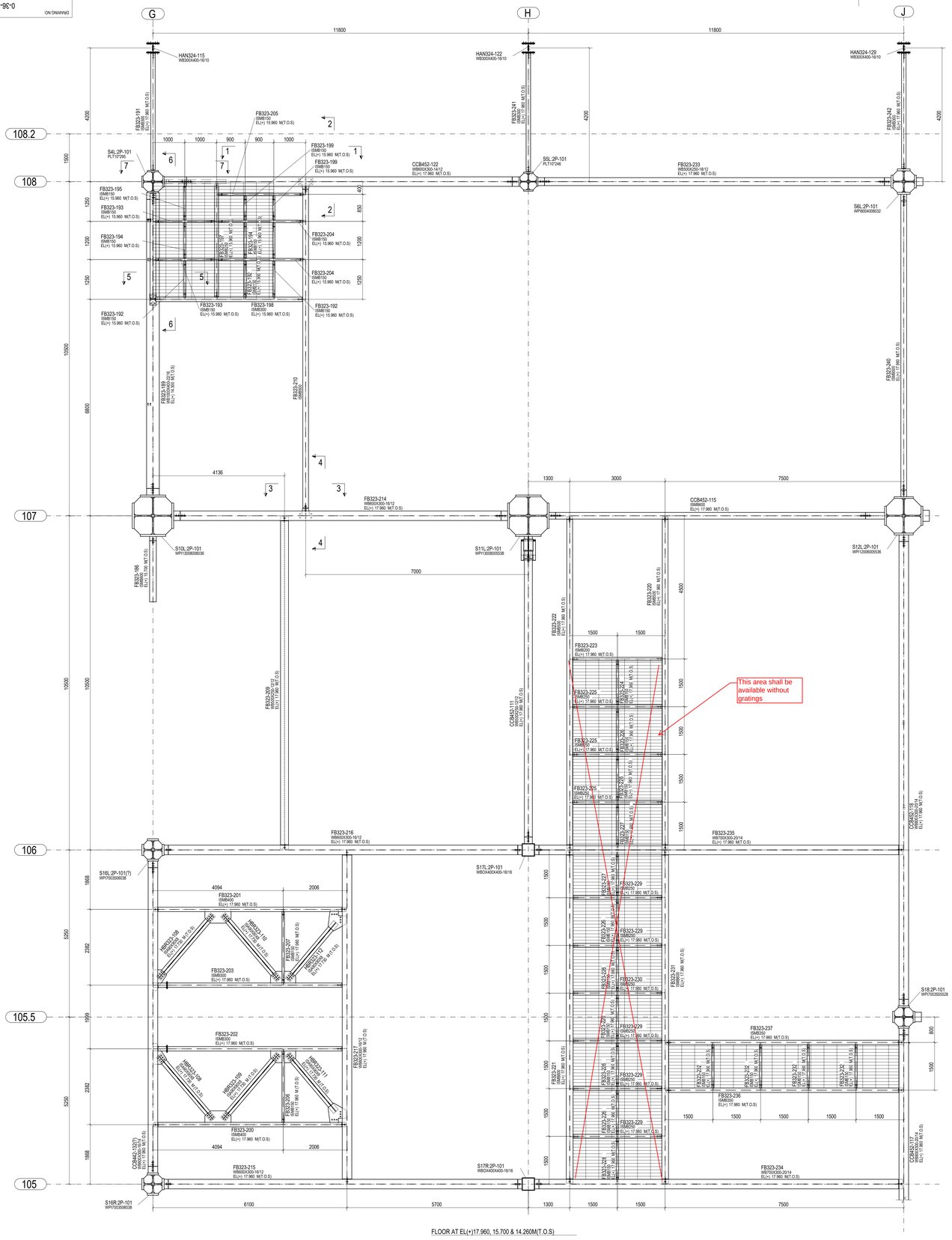
DEPT: ST
CODE: 122
ALL DIMENSIONS ARE IN MM
PROJECTION
SCALE: NTS
WEIGHT (Kg)
REF TO ASSY / OLD DWG

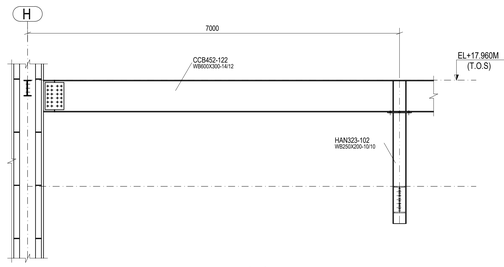
TITLE: FLOOR AT EL(+)17.960,15.70 0 & 14.260M (T.O.S) (SHT-1)

DRAWING NO.: 0-36-323-30229

REV: 0

DRAWING NO: 0-36-323-30230





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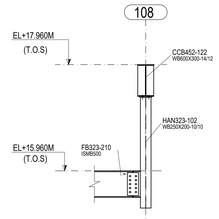
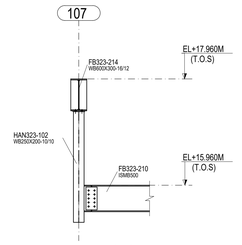


2 - 2



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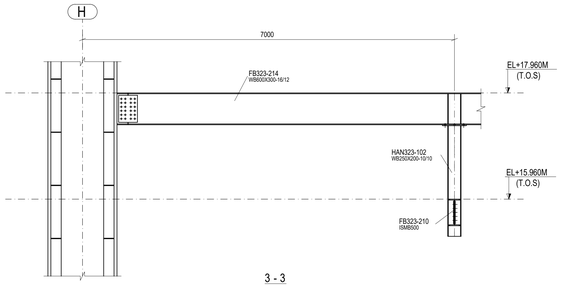

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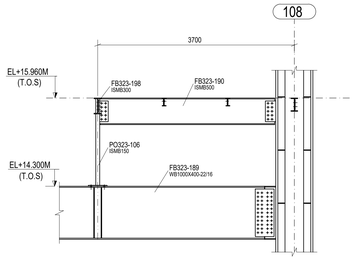

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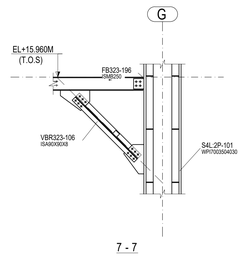

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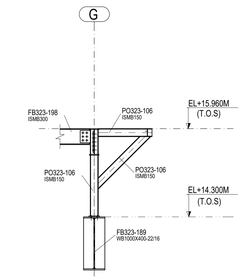


5 - 5

NOTES:

1.MATERIALS AND OTHER REQUIREMENTS ARE GIVEN PER BOILER ONLY.
2.MANUFACTURING REQUIREMENTS SHALL B AS PER RELEVANT QCP (LATEST REV.)
3. FOR MANUFACTURING DETAILS AND PRODUCATION NOTES
   3-35-110-10205 LATEST REV. FOR BOLTED STR PRODUCTION NOTES
   2-35-110-52184 LATEST REV. FOR WELDED STR PRODUCTION NOTES
   0-35-110-16890 LATEST REV. FOR MFG & WELDED STR PRODUCTION NOTES
   3-35-440-00697 LATEST REV. FOR WELDED BEAM & WBOX BEAM MANUFACTURING DETAILS
   0-35-440-17599 LATEST REV. FOR WELDING DETAILS OF BEAM & BRACING FOR BOLTED STRUCTURE
   0-35-311-15788 LATEST REV. FOR WELDING DETAILS IF BEAM & BRACING FOR WELDED STRUCTURE
   0-35-511-27069 LATEST REV. FOR VERTICAL BRACING MFG & WELD DETAIL DRAWING FOR FULLY BOLTED STRCUTURE
4.PUNCH MARK SHALL BE DONE IN DUs WHERE ORIENTAION MARK HAS BEEN SHOWN IN THE FABRICATION DRAWING AT SHOP.
5.DURING ERECTION AT SITE, ORIENTATION OF MEMBERS SHALL BE DECIDED BASED ON ORIENTAION MARKS SHOWN IN THIS DRAWING.
6.STAIR & STAIR FIXTURE SENT ALONG WITH RESPECTIVE BEAM SHALL BE LOCATED AT SITE AS PER STAIR DETAIL SHOWN IN LAYOUT FLOOR PLAN.
7.FLOOR GRILL SHALL BE PLACED AS SHOWN IN THIS DRAWING AND SHALL ALSO BE MATCHED WITH LAYOUT FLOOR PLAN
8.CUT OUTS / OPENING IN FLOOR GRILL, IF REQUIRED, SHALL BE DONE AS PER LAYOUT FLOOR PLAN / SITE REQUIREMENT.
9.HSFG (HIGH STRENGTH FRICTION GRIP) BOLTS SHALL BE TIGHTENED WITH REQUIRED TORQUE.
10.AT SLOTTED HOLE LOCATION IN MEMBER ATTACHMENTS, HSFG BOLTS SHALL BE TIGHTENED TO SNUG-TIGHT CONDITION ONLY, TO ALLOW THE MOVEMENT OF THE MEMBER.
11.IN CASE OF MISSING DIMENSION / QUERIES, IT SHALL BE NOT BE NOT BE ASSUMED AND SHALL BEA CLARIFIED WITH ENGINEERING BEFORE THE START OF ACTIVITY.
12.THIS DWG. SHALL BE READ ALONG WITH DWG. NOS. 0-36-323-30229 TO 0-36-323-30234

NOTES 1:

MEMBERS WITH PREFIX & THEIR PGMA RELEASE DETAILS:

A.FB323-XXX & HBR323-XXX
B.HAN323-XXX & PO323-XXX
C.VBR323-XXX

FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER PLANT STD. NO TP 023 0299

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

	NAME	SIGNATURE	DATE
DRN	KLE		28.10.2024
CHD	MPN		28.10.2024
APPD	RAJIV		28.10.2024

DEPT	PROJECTION	SCALE	WEIGHT (Kg)	REF TO ASSY / OLD DWG
ST		NTS		

CODE: 122

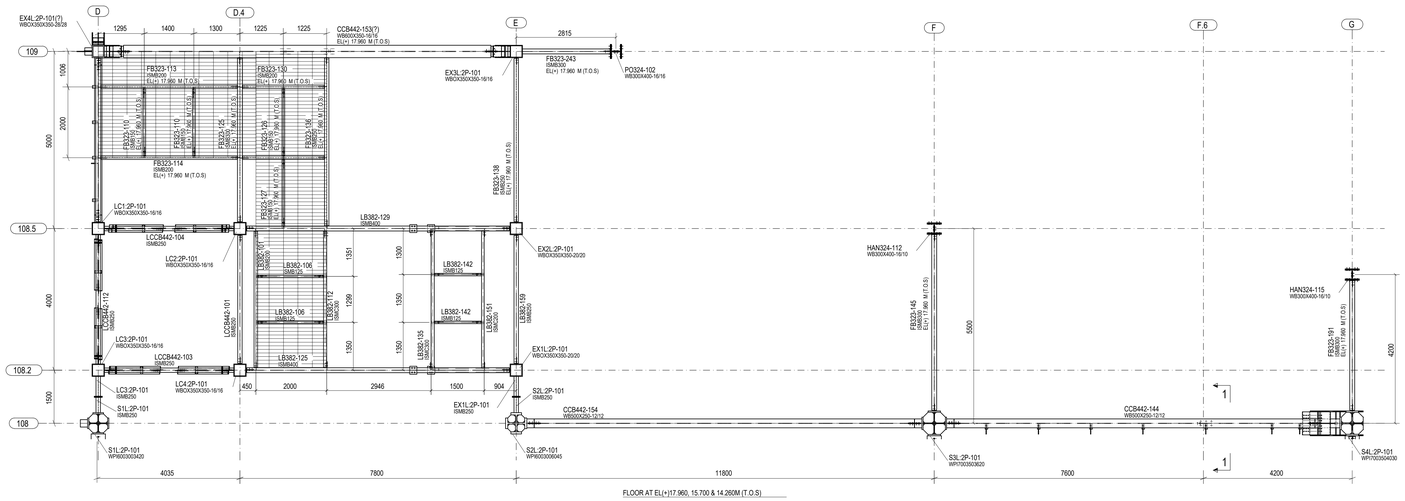
TITLE: FLOOR AT EL(+)17.960,15.70 0 & 14.260M (T.O.S) (SHT-2)

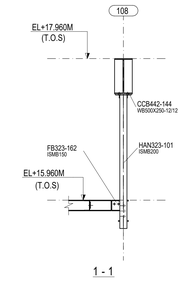
DRAWING NO: 0-36-323-30230

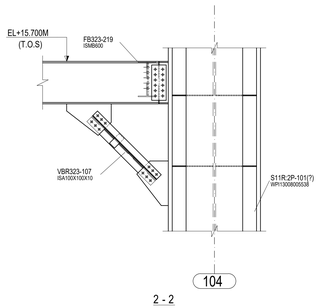
REV: 0

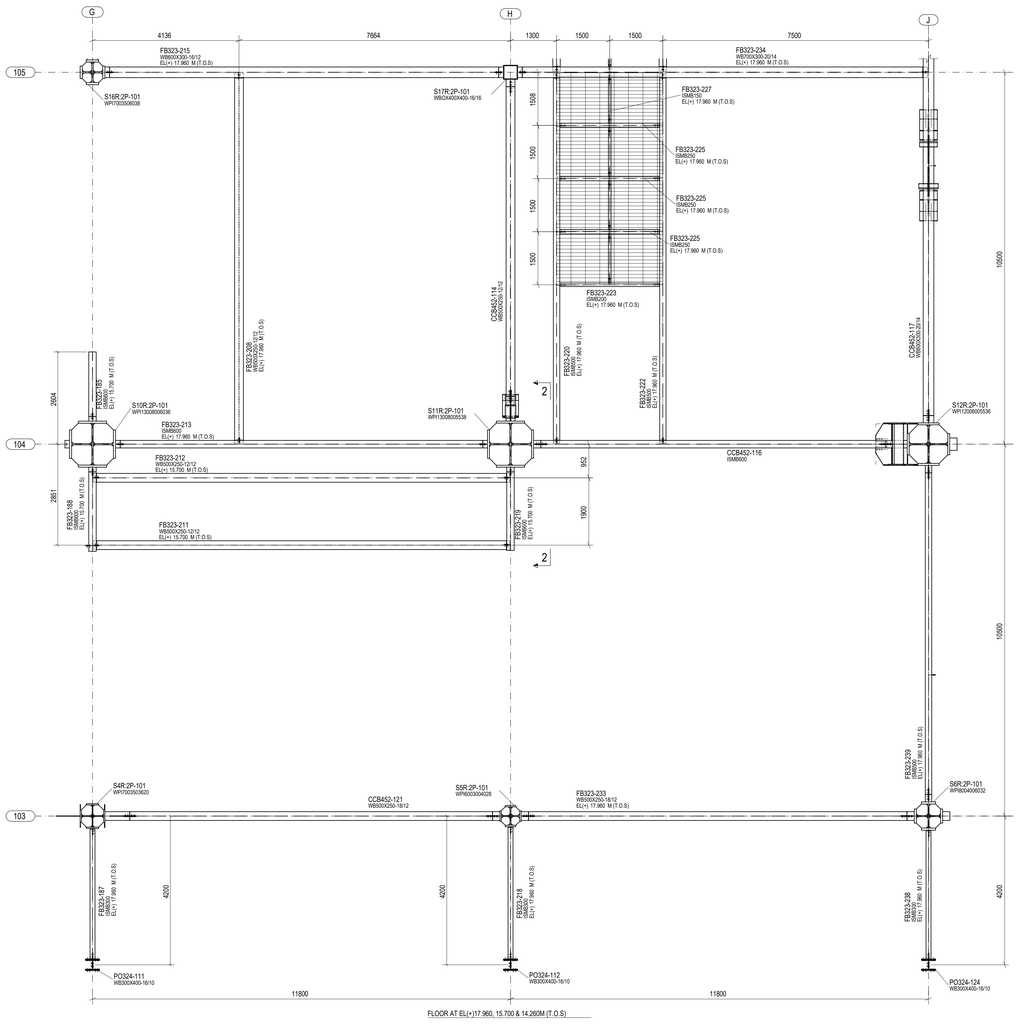
DRAWING NO: 0-36-323-30232

FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER PLANT STD. NO:TP 023 0299









NOTES 1:

MEMBERS WITH PREFIX & THEIR PGMA RELEASE DETAILS:

A.FB323-XXX & HBR323-XXX
B.HAN323-XXX & PO323-XXX
C.VBR323-XXX

NOTES 2:

THIS DWG.SHALL BE READ ALONG WITH DWG.NOS.0-36-323-30229 TO 30234

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

Bharat Heavy Electricals Ltd
UNIT: HIGH PRESSURE BOILER PLANT
TIRUCHIRAPALLI - 620014

	NAME	SIGNATURE	DATE
DRN	KLE		28.10.2024
CHD	MPN		28.10.2024
APPD	RAJIV		28.10.2024

DEPT: ST | COST: 122 | ALL DIMENSIONS ARE IN MM | PROJECTION | SCALE: NTS | WEIGHT (Kg) | REF TO ASSY / OLD DWG

TITLE: FLOOR AT EL(+)17.960,15.70 0 & 14.260M (T.O.S) (SHT-4)

DRAWING NO.: 0-36-323-30232 | REV: 0