

Ref: BHE/PW/PUR/BWT6-CVL/BAL-CHP-AHP/2468/Corg 01

Dt: 13/09/2021

-----Page 1 of 1-----

To
ALL BIDDERS

Sub: Corrigendum-01: Issue of drawings for reference only

Job: Balance Civil, Structural & Architectural work of AHP MCC Cum Compressor Building, ERH, ERH Tunnel, CHP MCC-1, CHP MCC-2 & Ash Slurry Pump House at 1x660 MW Bhusawal Thermal Power Station, Unit-6

Tender Specification Number: BHE/PW/PUR/BWT6-CVL/BAL-CHP-AHP/2468

Bidders to kindly take note of the following:

=====

AA) Issue of Drawings for reference only

Bidders to Note that the attached drawings shall form part of tender and are for reference only, there will be no commercial implication due to any changes in these drawings at later stage.

All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by BHEL in writing.

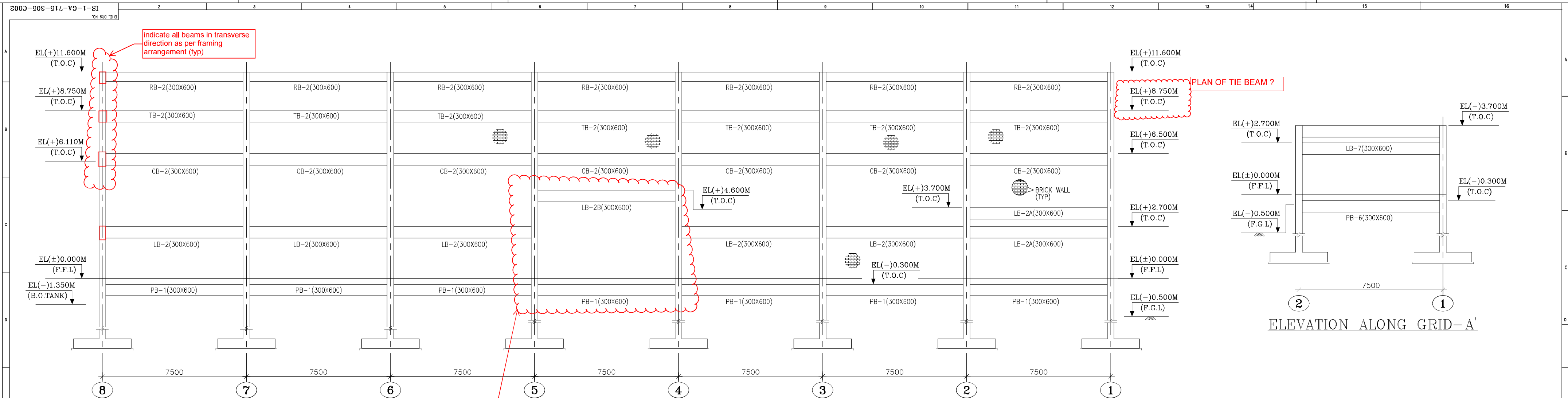
Bidders are requested to submit as a part of Technical Bid, a copy of this corrigendum duly countersigned by the authorized signatory and stamped with the Official seal as a token of Bidder's unqualified acceptance of this corrigendum/ digitally signed.

This letter is hosted as file titled "Corrigendum-01" against NIT-2468 on e-Procurement Portal of BHEL i.e. <https://eprocurebhel.co.in>.

BIDDERS WHO HAVE ALREADY SUBMITTED THEIR OFFERS PRIOR TO ISSUANCE OF THIS CORRIGENDUM IN E-TENDER PORTAL ARE REQUIRED TO RE-SUBMIT THEIR OFFER AFTER TAKING COGNIZANCE OF THIS CORRIGENDUM.

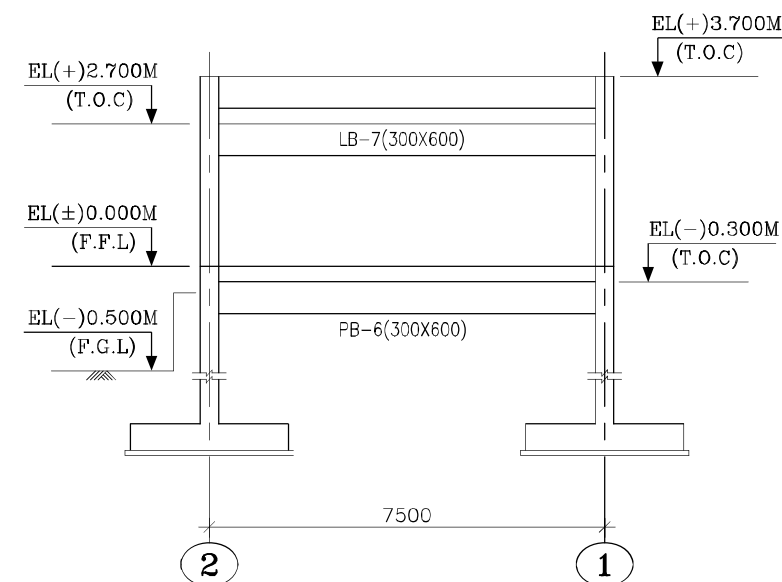
Thanking you,
Yours Sincerely,

GM (Purchase)

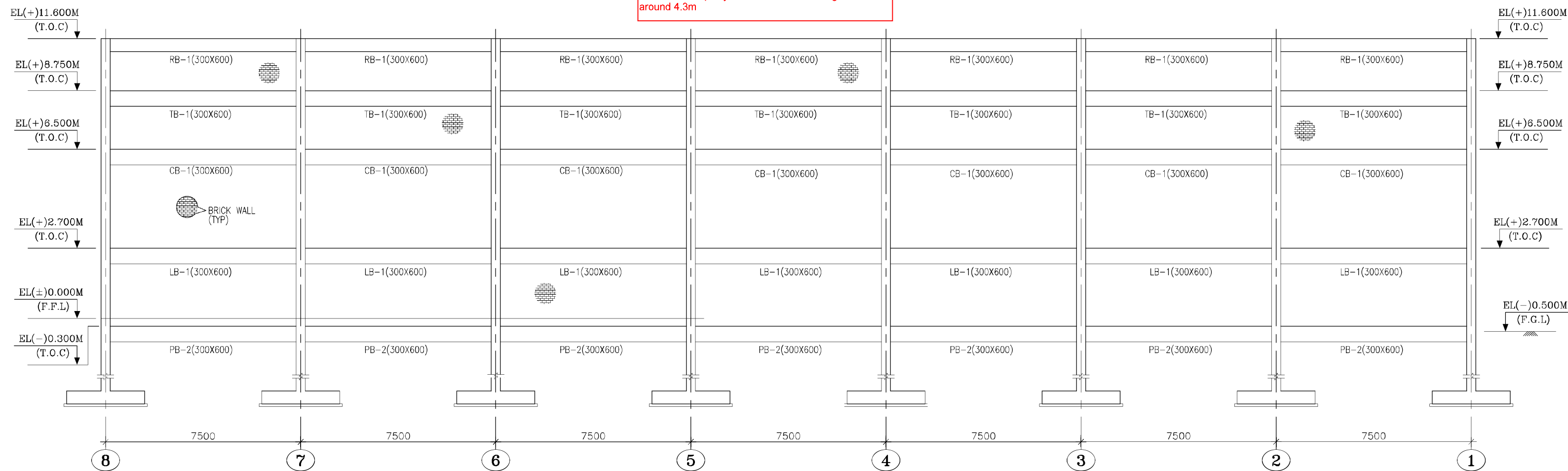


ELEVATION ALONG GRID-A

It is not clear whether brick wall is provided in this panel. In case brick wall is provided, pl. check the structural adequacy of the brick wall as height of wall is around 4.3m



ELEVATION ALONG GRID-A'



ELEVATION ALONG GRID-D

- 1) BH&L TO TAKE CARE OF ARCHITECTURAL REQUIREMENTS AS ARCH DRGS ARE NOT SUBMITTED.
- 2) ENSURE THE ARCH REQUIREMENTS OF THE BLDG. WILL NOT AFFECT THE FOUNDATION LAYOUT & OTHER FUNCTIONAL REQUIREMENTS.
- 3) BH&L TO ENSURE THAT THE DESIGN LOADING CONSIDERATIONS OF THE BLDG. ARE NOT AFFECTED DUE TO CHANGES OR UPDATION IN LAYOUT IF ANY.
- 4) BH&L TO CONFIRM THAT THE BLDG. IS LOCATED AS PER THE FINALISED ORIENTATION AS DISCUSSED IN ERM POINT NO -VI) (Discussions and resolutions on AHP drgs & documents).

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS IN METER.
2. ALL ELEVATIONS ARE REFERRED TO POWER HOUSE FINISHED FLOOR ELEVATION (FFL) $\pm 0.00\text{M}$ WHICH CORRESPONDS TO RL.(+)209.000M. THE FINISHED GROUND LEVEL (FGL) OF MCC ROOM BUILDING IS RL.(+)208.00M.
3. CLEAR COVER TO ANY REINFORCEMENT SHALL BE AS FOLLOWS:-

a.)	<u>SUBSTRUCTURE WORKS</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>SIDES</u>	<u>ENDS</u>
i)	FOUNDATION	50	50	50	—
ii)	COLUMNS	40		40	—
iii)	BEAMS	25	25	25	—
iv)	SLAB ON GRADE	25	25	25	—
v)	BASE RAFT	75	75	75	—
6. GRADE OF CONCRETE SHALL BE M25.
7. ALL REINFORCEMENTS SHALL BE TMT BARS OF MINIMUM GRADE Fe500 FOR M
ALL SHEAR LINKS SHALL BE OF MINIMUM Fe500D CARDE CONFORMING TO IS:1




8. i) LAP LENGTH FOR M25 GRADE CONCRETE SHALL BE 50d WHERE 'd' IS DIA OF THE LARGEST BAR.
 - ii) LAPPING OF BARS SHALL BE SUITABLY STAGGERED AND IN NO CASE MORE THAN 50% BARS SHALL BE LAPPED AT ANY SECTION.
 - iii) LAPPING OF BARS FOR BEAM AND SLAB SHALL BE AVOIDED IN THE MAXIMUM TENSION ZONES.
 - iv) REINFORCEMENT SHALL BE SUITABLY ADJUSTED AT SITE TO CLEAR POCKETS, BOLTS, OPENINGS & CUT-OUTS ETC. AS APPROVED BY THE ENGINEER UNLESS SHOWN OTHERWISE IN THE DRAWINGS
 - v) EXPOSED REINFORCEMENT DOWELS TO BE PROTECTED AGAIN CORROSION SUITABLY.
9. NET BEARING CAPACITY HAS BEEN TAKEN 30.00 T/SQ.M. AT RL+204.50M/EL(-)4.500M.
10. ALL CONCRETE STRUCTURES, FOUNDATIONS BELOW GROUND LEVEL COMING ON DIRECT CONTACT WITH SOIL SHALL BE TREATED WITH TWO (2) COATS OF HOT BITUMEN (20/30) OVER A COAT OF PRIMER.UNLESS NOTED OTHERWISE.
11. 6-Y16
- Y8 -150 C/C
- DIA. OF BAR
HIGH YIELD STRENGTH
DEFORMED BARS
NOS. OF BARS
- STRIPPS SPACING
DIA. OF BAR
HIGH YIELD STRENGTH DEFORMED
BARS

DEVELOPMENT CONSULTANT PVT. LTD.			
Reviewed only for general conformance with contract drawings and specifications; Contractor to be responsible for any error and for fulfilment of details requirements of contract documents.			
CODE:- 2		DATE:- 10.12.19	
DISTRIBUTED BY:- [B.N.PATWAGHAN]			
1	Approved	4	For information only
✓	Approval subject to compliance to conditions. Present with supporting instructions. Present development project to be studied after incorporating the same.	V	Not valid (Not applicable)
3	Not Approved. Resubmission required		
SEE COVERING LETTER			
LETTER REF.NO.:- 18V06-C-IOT-BHEL-0246			

LEGENDS:-

B.O.F	- BOTTOM OF FOOTING
F.F.L	- FINISHED FLOOR LEVEL
F.G.L	- FINISHED GROUND LEVEL
T.O.P.B	- TOP OF PLINTH BEAM
B/W	- BOTH WAYS

JOB No.: IS-1-17-2003	
STATUS OF DRAWING: FOR APPROVAL	
REV.	NAME SIGN DATE
R2	ALTERED
	CHECKED
	APPROVED
REV.	NAME SIGN DATE
R1	ALTERED
	CHECKED
	APPROVED
ZONE	

 MAHACENO	MAHARASHTRA STATE POWER GENERATION CO. LTD. BHUSAWAL T.P.S. UNIT-6 : 1 X 660 MW PROJECT																		
CONSULTANT:	DEVELOPMENT CONSULTANTS PVT. LTD. CONSULTING ENGINEERS VASHI, NAVI MUMBAI																		
<div style="font-size: 2em; font-weight: bold; margin: 0;">1 X 660 MW BHUSAWAL T.P.S. UNIT-6 TPP</div>																			
 BHARAT HEAVY ELECTRICALS LTD INDUSTRIAL SYSTEMS GROUP BANGALORE	<div style="font-size: 1.5em; font-weight: bold; margin: 0;">BHARAT HEAVY ELECTRICALS LTD</div> <div style="font-size: 1.2em; font-weight: bold; margin: 0;">INDUSTRIAL SYSTEMS GROUP</div> <div style="font-size: 1.2em; font-weight: bold; margin: 0;">BANGALORE</div>																		
COPY RIGHT AND CONFIDENTIAL The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED it must not be used directly or indirectly in any way detrimental to the interest of the company.																			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">DEPT CODE</th> <th style="width: 45%;">NAME</th> <th style="width: 15%;">SIGN</th> <th style="width: 35%;">DATE</th> </tr> </thead> <tbody> <tr> <td rowspan="4" style="text-align: center; vertical-align: middle;">C</td> <td>DRN KOUSIK</td> <td>---</td> <td>12.11.2019</td> </tr> <tr> <td>DESIN SA</td> <td>---</td> <td>12.11.2019</td> </tr> <tr> <td>CHD USG</td> <td>---</td> <td>13.11.2019</td> </tr> <tr> <td>APPD SCC</td> <td>---</td> <td>13.11.2019</td> </tr> </tbody> </table>	DEPT CODE	NAME	SIGN	DATE	C	DRN KOUSIK	---	12.11.2019	DESIN SA	---	12.11.2019	CHD USG	---	13.11.2019	APPD SCC	---	13.11.2019	
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<div style="font-size: 1.2em; font-weight: bold; margin: 0;">TITLE</div> <div style="font-size: 1.2em; font-weight: bold; margin: 0;">AHP-ASH WATER CUM ASH SLURRY PUMP HOUSE -</div> <div style="font-size: 1.2em; font-weight: bold; margin: 0;">GA & DETAILS OF SUPERSTRUCTURE</div>																			
CUSTOMER PACKAGE CODE DISCIPLINE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">C</td> <td style="width: 10%;">D</td> <td style="width: 10%;">M</td> <td style="width: 10%;">E</td> <td style="width: 10%;">C&I</td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;">✓</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">14</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="width: 15%;"> DEPT. SCALE 1:1000/50% SIGN </div> <div style="width: 30%; text-align: center;">  </div> <div style="width: 55%;"> DRAWING NO. <div style="font-size: 1.2em; font-weight: bold; margin: 0;">IS-1-GA-715-305-C002</div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="width: 33%;"> SHEET OF 04 </div> <div style="width: 33%;"></div> <div style="width: 33%; text-align: right;"> REV. 06 </div> </div> </div> </div>	C	D	M	E	C&I		✓						14					
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