



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN – 06

Ref: PSER:SCT:NKP-M1692:TCN-06

Date: 23-10-2015

Sub	Tender change notice (TCN) 06	
Job	Design, engineering, manufacturing, supply, erection & commissioning of double girder EOT Cranes upto 35T capacity for NTPC, 3x660 MW, North Karanpura Super Thermal Power Project, Jharkhand.	
Ref	1.0	Tender No. PSER:SCT:NKP-M1692:15
	2.0	BHEL's NIT, vide reference no PSER:SCT:NKP-M1692:4659, Dated 24-08-2015.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:NKP-M1692:TCN-01, dated 08-09-2015.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:NKP-M1692:TCN-02, dated 17-09-2015.
	5.0	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1692:TCN-03, dated 18-09-2015.
	6.0	BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1692:TCN-04, dated 29-09-2015.
	7.0	BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1692:TCN-05, dated 07-10-2015.
	8.0	All other pertinent issues till date.

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting offer.

- 1.0 The clarifications to bidders queries are attached at [Annexure-A](#).
- 2.0 Additional Drawing to Volume-II, Technical Specification (CCD_BFP Handling EOT cranes; CCD_Electrical workshop EOT Crane; CCD_O&M Store EOT crane) is attached herewith.
- 3.0 Revised Price Schedule, [VOLUME-III-R-1](#) attached superseding Price Schedule VOLUME-III-R-0 issued earlier along with NIT. Bidder shall quote as per this revised Volume-III, Rev-1 only.
- 4.0 Extension of due date of submission of offer from 23-10-2015 to **29-10-2015** (15:00 hrs).
- 5.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 6.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

ENGR (SCT)

Encl

- 1.0 As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

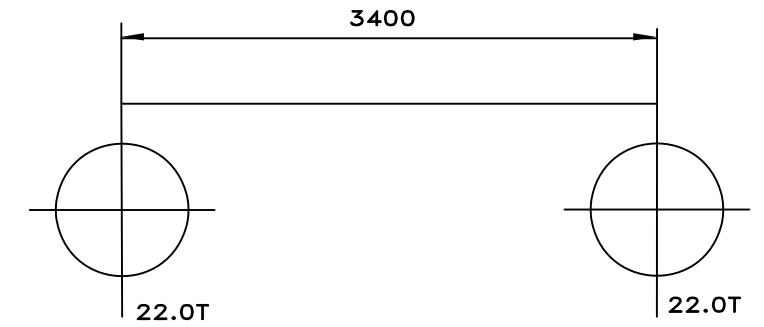
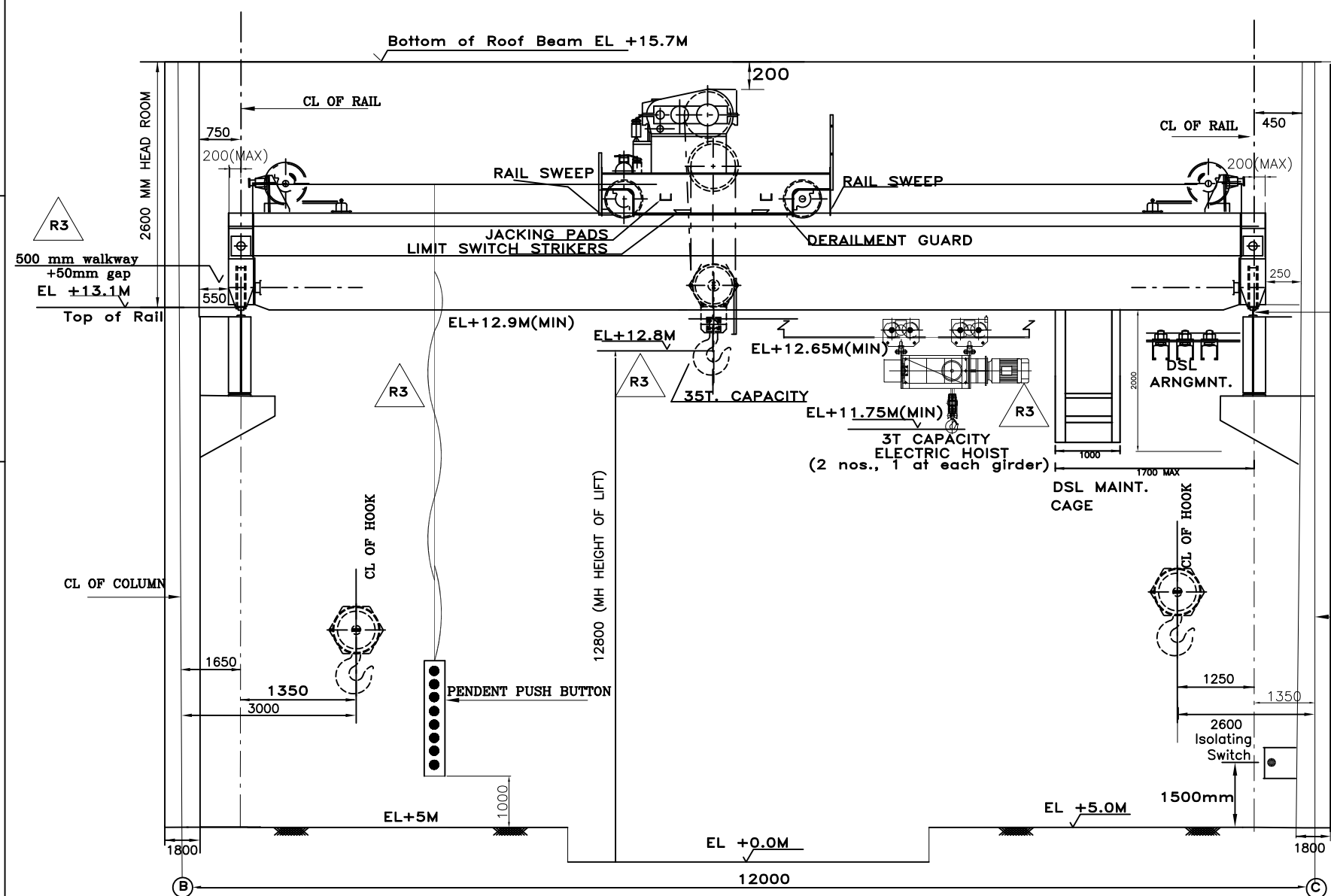
POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

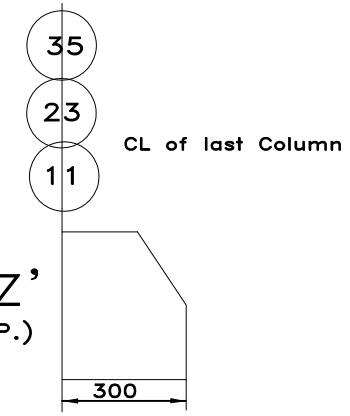
फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796

PE-DG-405-501-A002

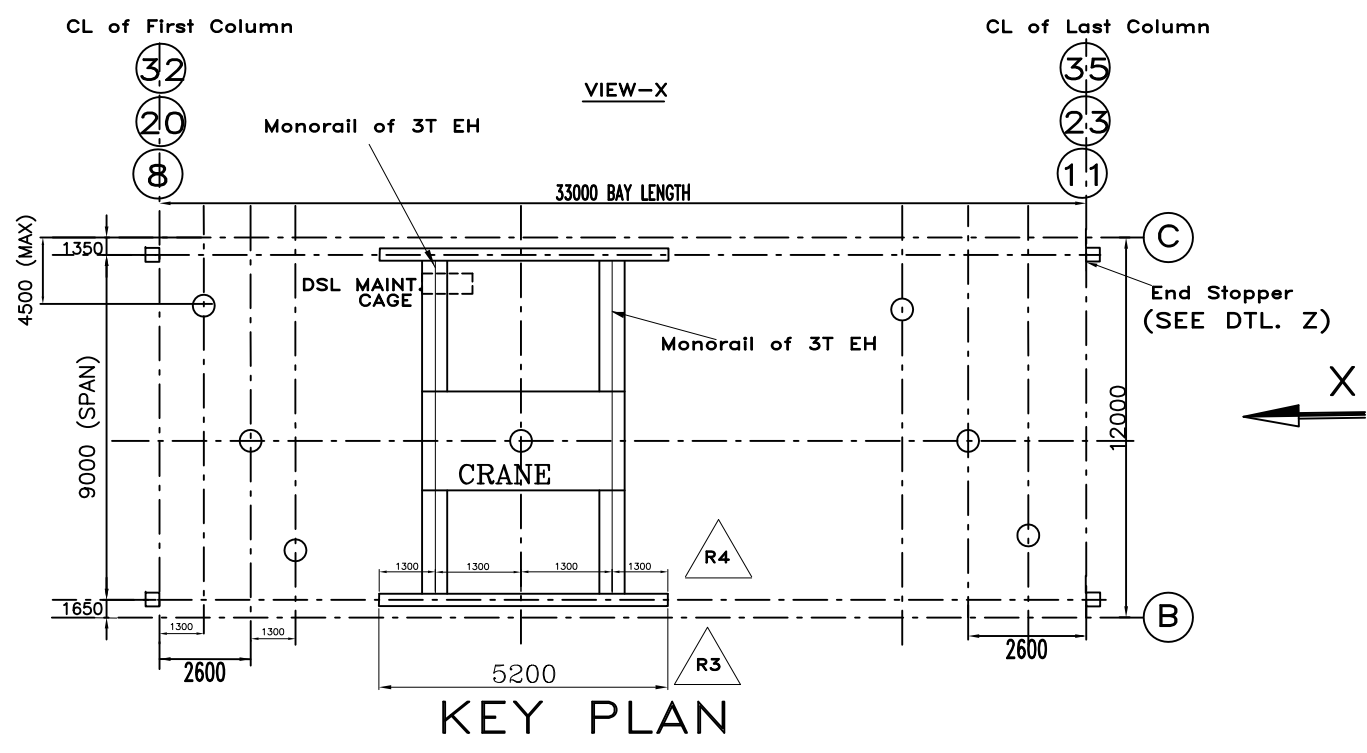
CUSTOMER'S DRAWING No.



TENTATIVE LT WHEEL LOAD DIAGRAM WITHOUT IMPACT W=22 T
TENTATIVE LT WHEEL LOAD DIAGRAM WITH IMPACT W= 29.0T



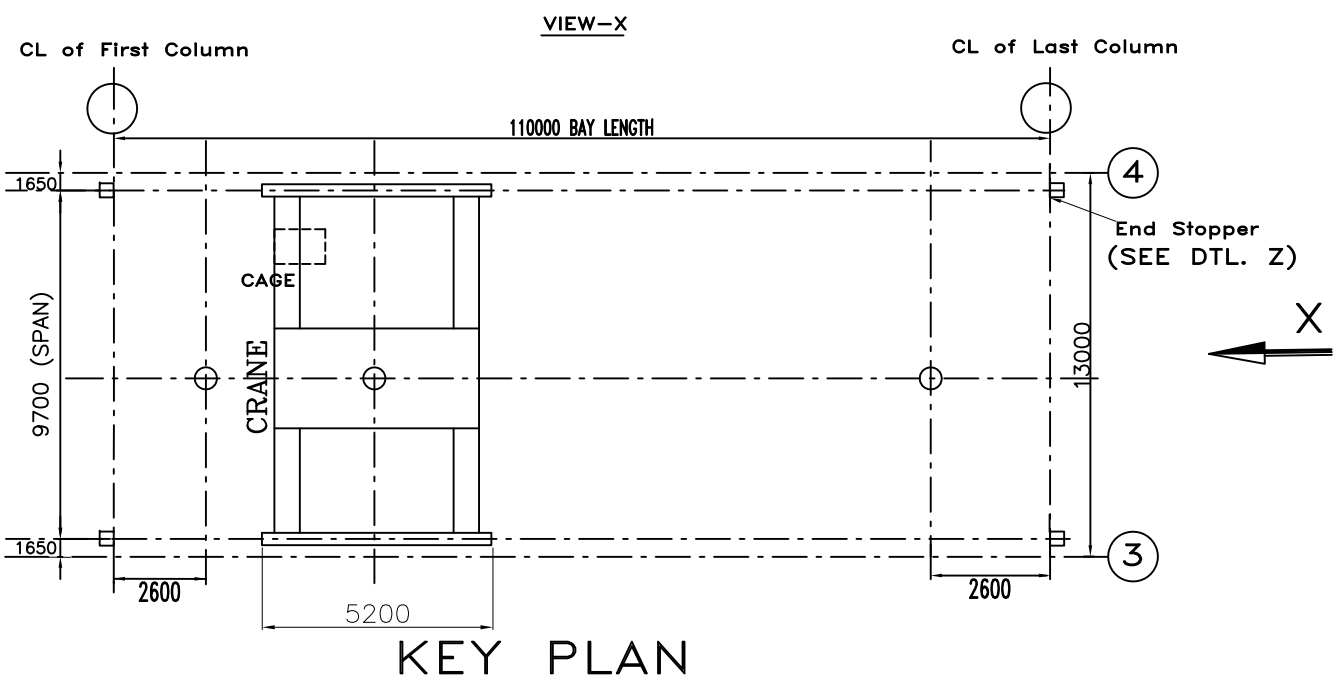
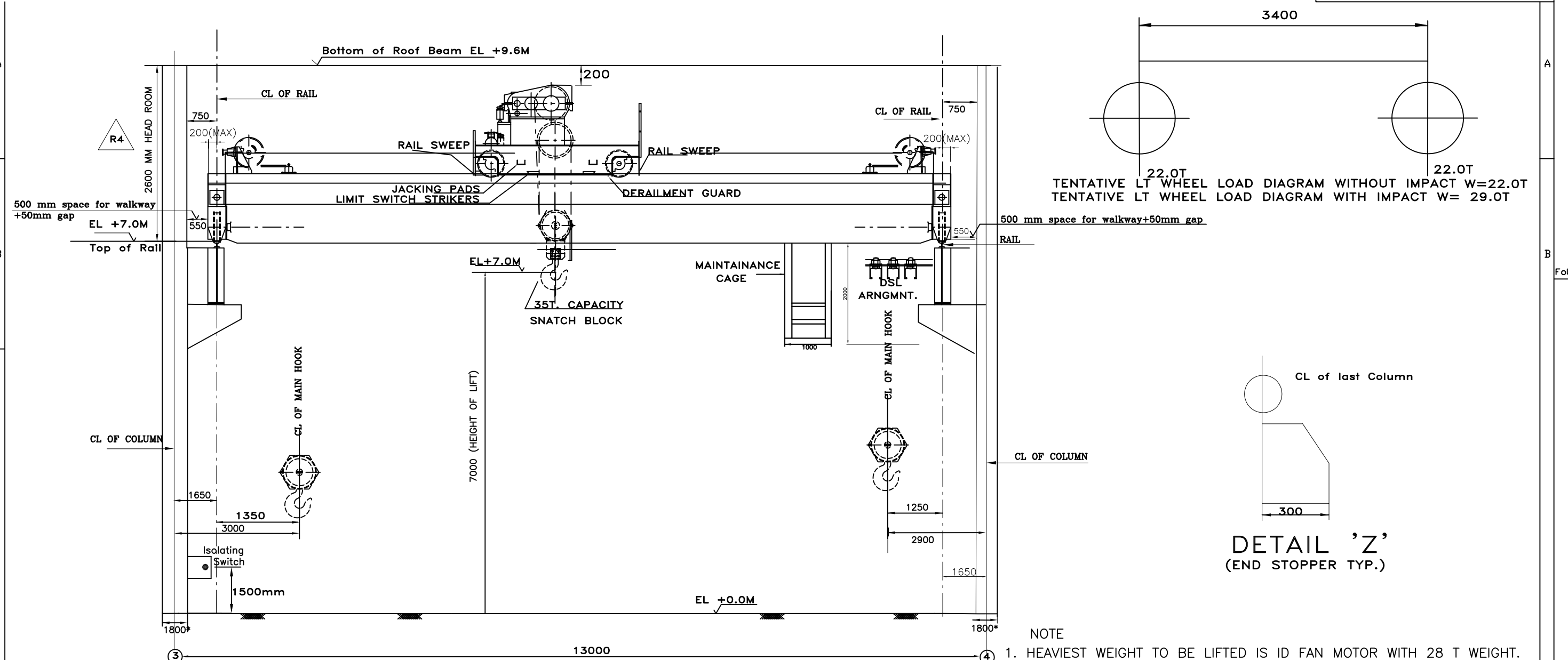
- NOTES: R3
- CAPACITY OF EOT CRANE IS DECIDED AS PER WEIGHT OF SINGLE HEAVIEST COMPONENT TO BE HANDLED DURING MAINTENANCE OF BFP i.e. 26 T. WITH MARGIN OF 25%, CRANE CAP. OF 35 T IS SELECTED. FOR ERECTION OF TURBINE OF TDBFP, PORTABLE CRANE SHALL BE USED.
 - TWO NOS. ELECTRIC HOISTS ARE PROVIDED FOR CATRIDGE REMOVAL/HANDLING OF BOOSTER PUMPS OF BFPs.
 - THE APPLICABLE DESIGN CODES SHALL BE IS:3177 & IS:3938 (latest edition).
 - ALL MOTIONS INCLUDING OF ELECTRIC HOISTS SHALL BE CONTROLLED WITH SINGLE PENDENT WITH PROVISION OF SELECTION OF EITHER OF ELECTRIC HOIST.
 - DRAWING IS NOT TO SCALE.
 - ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METRES.
 - EL 0.0M CORRESPONDS TO RL 457.5M
 - ADDITIONAL ELECTRICAL HOISTS SHALL BE SUPPLIED BY TDBFP EOT SUPPLIER ONLY AND EOT CRANE SUPPLIER SHALL CONSIDER THE EFFECT OF ADDITIONAL ELECTRICAL HOISTS IN THE DESIGN OF CRANE GIRDER, MECHANICAL AND ELECTRICAL DESIGN OF TDBFP EOT CRANE



NTPC DRG. NO.	4410-001-110-PVM-B-124			
CUSTOMER	NTPC Limited			
PROJECT	3 X 660 MW NORTH KARANPURA STPP			
JOB NO. 405	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA			DEPT CODE
STATUS CONTRACT	DRN	PKK	Sd.	18/04/15
DRG./REF. NO. (INTERNAL)	DESN	PKK	Sd.	18/04/15
REV.	DATE	ALTD	CHD	APPD
02	25.06.15	PKK	RN	GB
03	03.09.15	PKK	RN	GB
04	03.10.15	PKK	RN	GB
TITLE				CRANE CLEARANCE DIAGRAM OF BFP HANDLING CRANE 35 T (DOUBLE GIRDER) E.O.T. CRANE
DEPT. SCALE		DRAWING NO.		
SIGN		PE-DG-405-501-A002		
DATE		SHEET 1 OF 1		
		SIZE-A3		
		REV. 4		

PE-DG-405-501-A004
DRAWING NO.

CUSTOMER'S DRAWING NO.



KEY PLAN

NTPC DRG. NO.		4410-001-110-PVM-B-145				
CUSTOMER		NTPC Limited				
PROJECT		3 X 660 MW NORTH KARANPURA STPP				
JOB NO. 405		Bharat Heavy Electricals Ltd		NAME	SIGN	DATE
STATUS CONTRACT		POWER SECTOR		DRN	PKK	Sd.
DRG./REF. NO. (INTERNAL)		PROJECT ENGINEERING MANAGEMENT		DESN	PKK	Sd.
REV.	DATE	ALTD	CHD	APPD	GB	21/03/15
01	07.04.15	PKK	RN	GB		
02	20.06.15	PKK	RN	GB		
03	30.07.15	PKK	RN	GB		
04	14.09.15	PKK	RN	GB		
TITLE		CRANE CLEARANCE DIAGRAM OF ELECTRICAL WORKSHOP 35 T (DOUBLE GIRDER) E.O.T. CRANE				
DEPT. SCALE		DRAWING NO.				
SIGN		PE-DG-405-501-A004				
DATE		SHEET 1 OF 1		REV. 04		

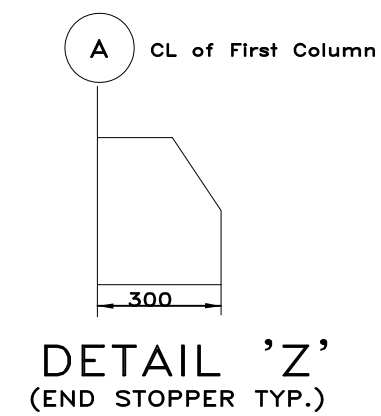
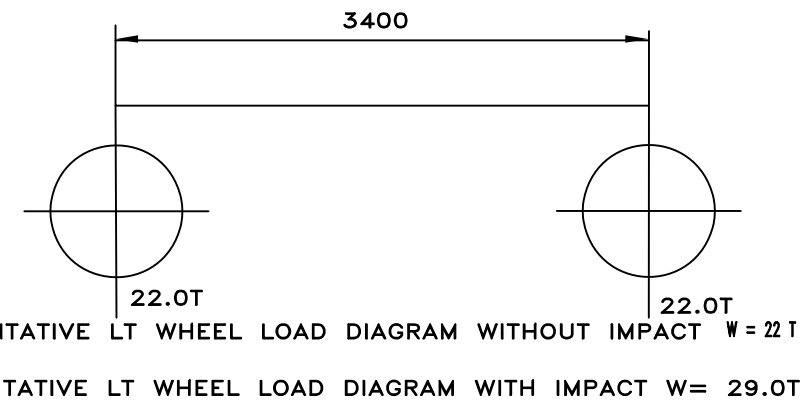
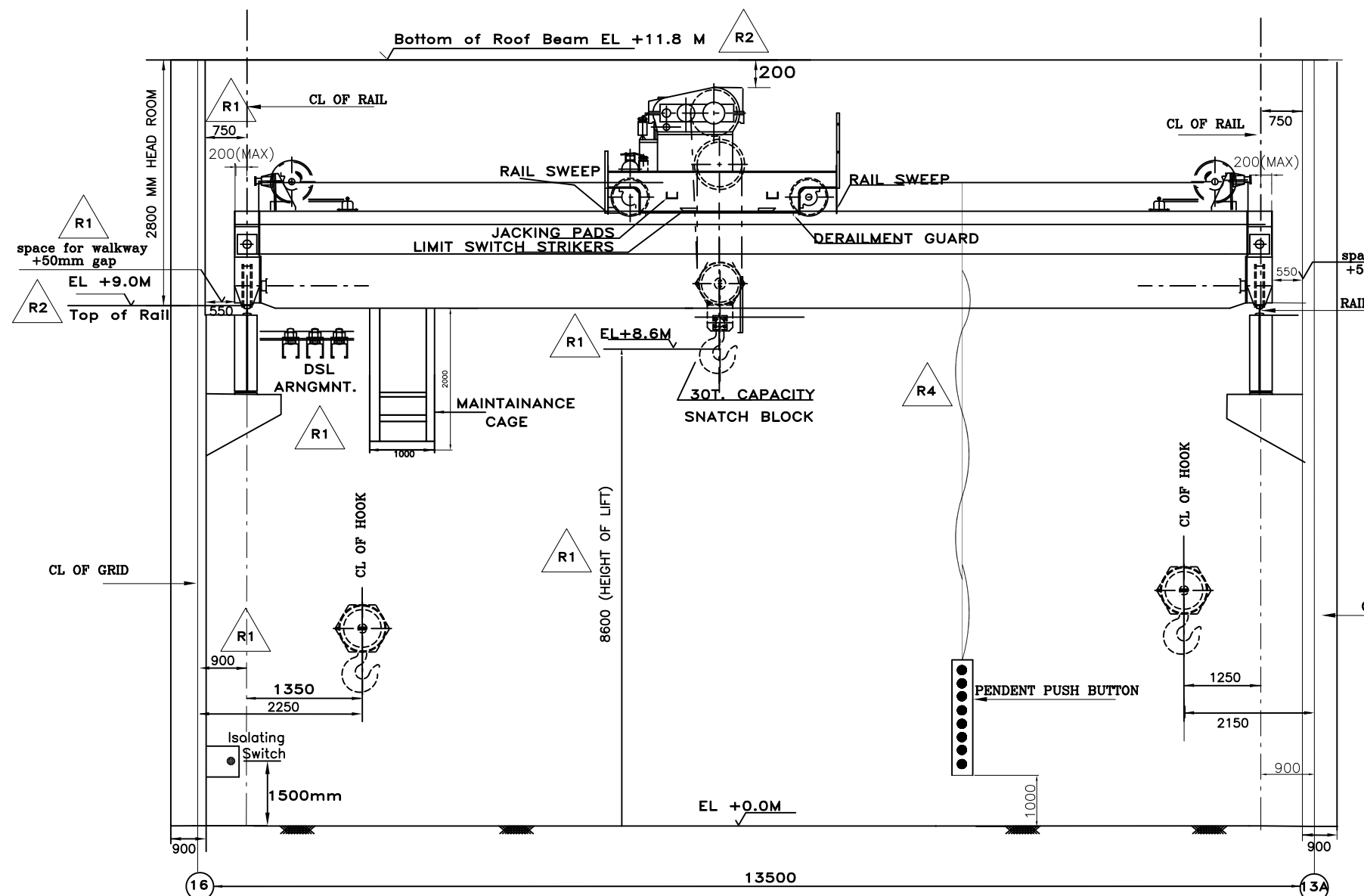
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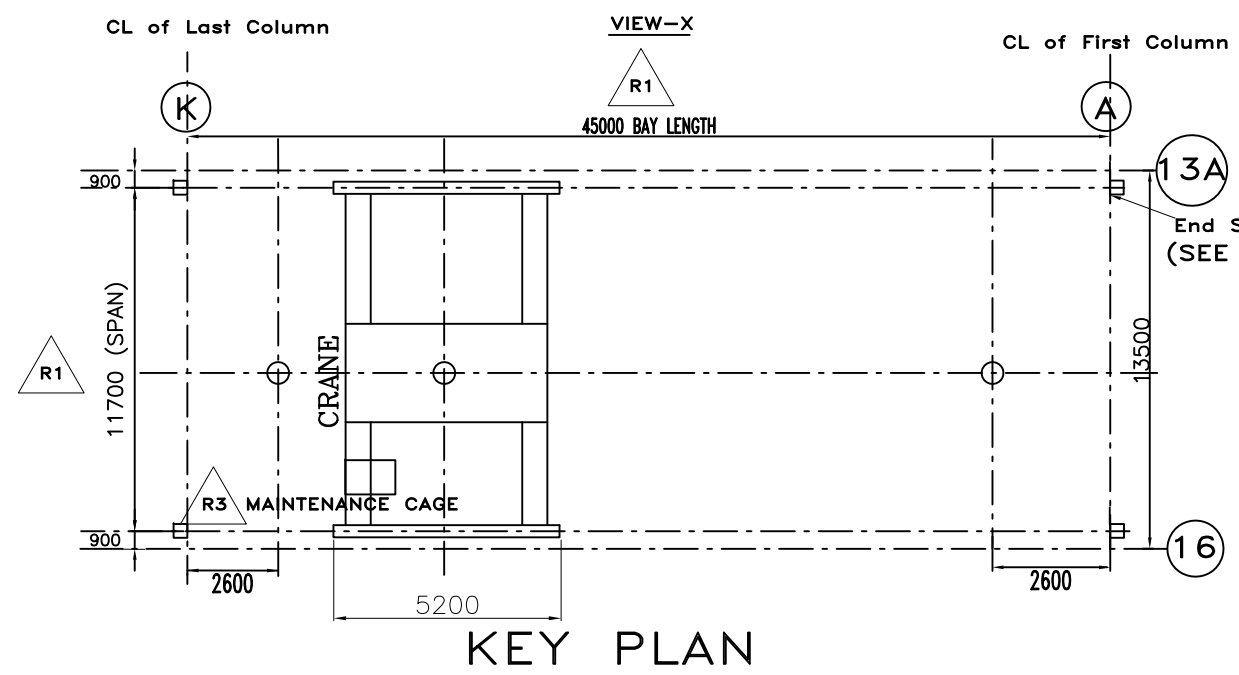
PE-DG-401-503-A003
DRAWING NO.

CUSTOMER'S DRAWING NO.



- NOTE
- CAPACITY OF CRANE IS SELECTED AS 30 T AS PER NTPC SPEC.
 - THE DESIGN CODE FOR EOT CRANE SHALL BE IS:3177 (latest edition).
 - DRAWING IS NOT TO SCALE.
 - ALL DIMENSIONS ARE IN MM & ELEVATIONS IN METRES.
 - EL 0.0M CORRESPONDS TO RL 457.5M

REFERENCE DRAWINGS:
4410-001-315-PGC-C-1185 Rev.01, O & M PERMANENT STORE -ROOF PLAN & MISC. DETAILS
4410-001-315-PGC-C-1186 Rev.01, O & M PERMANENT STORE-ARCHITECTURAL DETAILS ELEVATION



KEY PLAN

NTPC DRG. NO.	4410-001-110-PVM-B-125				
CUSTOMER	NTPC Limited				
PROJECT	3 X 660 MW NORTH KARANPURA STPP				
JOB NO. 405	BHARAT HEAVY ELECTRICALS LTD POWER SECTOR PROJECT ENGINEERING MANAGEMENT NOIDA	NAME	SIGN	DATE	
STATUS CONTRACT		DRN	PKK	Sd.	17/03/15
DRG./REF. NO. (INTERNAL)		DESN	PKK	Sd.	17/03/15
REV. DATE		CHD	RN	Sd.	17/03/15
01 17/04/15	APPD	GB	Sd.	17/03/15	
02 18/06/15	TITLE				
03 30/07/15	CRANE CLEARANCE DIAGRAM OF PERMANENT STORE				
04 09/10/15	30 T (DOUBLE GIRDER) E.O.T. CRANE				
	DEPT.	SCALE	DRAWING NO.		
	SIGN		PE-DG-405-501-A003		
	DATE		SHEET 1 OF 1	REV. 4	

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FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Design, engineering, manufacturing, supply, erection & commissioning of double girder EOT Cranes upto 35T capacity for NTPC, 3x660 MW, North Karanpura Super Thermal Power Project, Jharkhand.	
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	05	BHEL's TCN-03, vide reference no PSER:SCT:NKP-M1692:TCN-03, dated 18-09-2015.
	06	BHEL's TCN-04, vide reference no PSER:SCT:NKP-M1692:TCN-04, dated 29-09-2015.
	07	BHEL's TCN-05, vide reference no PSER:SCT:NKP-M1692:TCN-05, dated 07-10-2015.
	08	BHEL's TCN-06, vide reference no PSER:SCT:NKP-M1692:TCN-06, dated 23-10-2015.
	09	All other pertinent issues till date.

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized
representative of the bidder)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION DJ-9/1, SECTOR-II, SALTLAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796