



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TENDER CHANGE NOTE 05 (TCN – 05) DT: 27-01-2011

WITH REFERENCE TO THE NIT, PUBLISHED IN THE WEB SITES FOR PILING, CIVIL, STRUCTURAL AND ARCHITECTURAL WORK ETC. OF 'COAL HANDLING PLANT' PACKAGE AND 'ASH HANDLING PLANT' PACKAGE FOR 2X520 MW HNPCL/VIZAG TPP, VISHAKHAPATNAM, AP. FOLLOWING CHANGES MAY PLEASE BE NOTED AND COMPLIED WHILE SUBMITTING THE OFFER FOR THE SUBJECT JOB.

REF: TENDER DOCUMENT NO-PSER:SCT:VIZ-C1161:10

- 1) Further to the TCN-04 dated 25-01-2011, based on the query of the bidders, the safe load capacity of plies are enclosed herewith as per Annexure-BB.
- 2) Revised 'No deviation certificate', Annexure-Y is attached herewith. Bidder to submit the 'No deviation certificate' as per attached format only

All the bidders are requested to download the details and consider the same prior to submission of bid. **BIDDERS TO NOTE THAT ALL TCNS WILL FORM PART OF TENDER DOCUMENT.**

ALL OTHER TERMS & CONDITIONS OF THE TENDER SHALL REMAIN UNCHANGED.

SDGM (SCT)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211691 / 1684

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	PILING, CIVIL, STRUCTURAL AND ARCHITECTURAL WORK ETC. OF 'COAL HANDLING PLANT' PACKAGE AND 'ASH HANDLING PLANT' PACKAGE FOR 2X520 MW HNPCL/VIZAG TPP, VISHAKHAPATNAM, AP.	
Ref	1.0	Tender no PSER:SCT:VIZ-C1161:10
	2.0	BHEL's NIT, vide reference no.PSER:SCT:VIZ-C1161:10 dated 22/12/2010
	3.0	BHEL's TCN-01, vide ref. no. Tender Change Note 01(TCN – 01) DATED 07/01/11
	4.0	BHEL's TCN-02 , vide ref. no. Tender Change Note 02(TCN – 02) DATED 19/01/11
	5.0	BHEL's TCN-03 , vide ref. no. Tender Change Note 03(TCN – 03) DATED 22/01/11
	6.0	BHEL's TCN-04 , vide ref. no. Tender Change Note 04(TCN – 04) DATED 25/01/11
	7.0	BHEL's TCN-05, vide ref. no. Tender Change Note 05(TCN – 05) DATED 27/01/11
	8.0	Other references (if any).

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 along with various TCNs 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 and TCNs. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact 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)

tons (where D is pile diameter in cms) for an allowable lateral deflection of 5mm. Depth of fixity can be taken as $17 D^{0.8}$ below pile cap.

TABLE-E
SAFE ALLOWABLE CAPACITIES FOR BORED PILES

EGL has R.L of Approximately 5.0m

Pile diameter (mm)	Length of pile below cut off level [#] (m)	Vertical Downward Pile Capacity (tons)	Uplift Pile Capacity (tons)	Lateral Pile Capacity (tons)
450	17	55	30	7
	22	70	40	
	25 ^S	82	45	
	17m + 4D socketing in *CWR	95	50	
	22m + 4D socketing in *CWR	110	60	
500	17	65	35	9
	22	85	50	
	25 ^S	100	55	
	17m + 4D socketing in *CWR	120	60	
	22m + 4D socketing in *CWR	140	75	
600	17	90	50	12
	22	120	70	
	25 ^S	140	80	
	17m + 4D socketing in *CWR	165	85	
	22m + 4D socketing in *CWR	195	105	
750	17	135	70	17
	22	185	100	
	26 ^S	260	135	
	17m + 4D socketing in *CWR	250	130	
	22m + 4D socketing in *CWR	290	160	
1070	17	235	120	30
	22	340	185	
	26 ^S	535	230	
	17m + 4D socketing in *CWR	465	235	
	22m + 4D socketing in *CWR	560	300	

[#] Cut off is 3.0m below ground level

*CWR = Completely Weathered Rock

^SIf completely weathered rock is not encountered during piling, this is the minimum length of pile required to be drilled in soil for the allowable pressure of 500 T/m²..