



**भारत हेवी इलेक्ट्रिकल्स लिमिटेड**  
(भारत सरकार का उपक्रम)

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**AMENDMENT NO-3 TO NIT**

**DATE: 03.04.07**

**SUB : AMENDMENT- 03 To NIT 2579 For Civil Works**

**REF: TENDER SPECIFICATION. No. –TBSM/SLPP/CIVIL/TENDER, DATED: 14.03.07.**

With reference to above tender for Civil Works for 220 kV S/S at Surat Lignite Power Plant in Gujarat, following amendments/addendum may be noted.

1. Annexure to conditions of contract for civil works for supply of steel by BHEL is being added.
- Annexure is enclosed and it shall be a part of the NIT.
  - All other terms & conditions of the tender specification shall remain unchanged.
  - Please enclose with your Technical Bid a copy of this amendment-03 duly signed by your authorised signatory and stamped.

(R.LODWAL)  
DGM/TBSM

**ANNEXURE**  
**TO CONDITIONS OF CONTRACT FOR CIVIL WORKS**  
**FOR SUPPLY OF STEEL BY BHEL**

WITH REFERENCE TO OUR TENDER, THE REINFORCEMENT STEEL FOR THE WORKS SHALL BE SUPPLIED BY BHEL. HENCE UNDER ITEMS OF REINFORCEMENT STEEL IN BOQ ANNEXURE(S) EXCEPT FOR ITEM NO. 20 (a) , THE BIDDERS ARE REQUIRED TO QUOTE LABOUR RATES ONLY.

CONSEQUENT TO THE SUPPLY OF REINFORCEMENT STEEL BY BHEL, THE FOLLOWING REVISED TERMS AND CONDITIONS SHALL BE APPLICABLE AND SHALL FORM A PART OF THE TENDER DOCUMENT.

1. CLAUSE C-26.0 OF PRICE VARIATION UNDER SPECIAL CONDITION OF CONTRACT IS NOW DELETED. PRICE WILL BE FIRM FOR TOTAL CONTRACT PERIOD AND EXTENDED PERIOD, IF ANY, AND NO PRICE ESCALATION/ PRICE VARIATION WILL BE APPLICABLE.
2. CLAUSE C-35.0 OF SECURED ADVANCE UNDER SPECIAL CONDITIONS OF CONTRACT IS NOW DELETED. NO ADVANCE ON MATERIALS SHALL BE PAYABLE UNDER THE CONTRACT.
3. THE REINFORCEMENT STEEL SHALL BE LIFTED FROM THE STOCK YARD BY THE CONTRACTORS BASED ON OUR DELIVERY ORDER FROM THE STEEL SUPPLIERS, NORMALLY NEAREST TO SITE OR WITHIN THE STATE DEPENDING ON THE AVAILABILITY OF STOCK. LOADING CHARGES / TRANSPORTATION UPTO SITE AND UNLOADING AT SITE ARE TO BE INCLUDED IN THE SCOPE OF BIDDER AND DEEMED TO BE INCLUDED IN THE QUOTED RATES. TRANSIT INSURANCE & INSURANCE DURING STORAGE TILL CONSUMPTION IS ALSO TO BE INCLUDED IN BIDDER'S SCOPE.
4. THE STEEL ISSUED TO THE CONTRACTOR SHALL BE MAINLY IN STANDARD LENGTH AND SECTION AS RECEIVED FROM THE STEEL SUPPLIER. HOWEVER THE CONTRACTORS SHALL BE BOUND TO ACCEPT THE STEEL IN LENGTH AS AVAILABLE. NO CLAIMS FOR EXTRA PAYMENT BECAUSE OF ISSUE OF NON STANDARD LENGTH WILL BE ENTERTAINED DURING EXECUTION
5. **RETURN OF STEEL:** ALL SURPLUS STEEL AND ALL WASTAGE MATERIALS SHALL BE TAKEN BACK ON WEIGHMENT BASIS. SURPLUS, UNUSED AND UN-TAMPERED STEEL SHALL BE STORED DIAMETER / SECTION WISE AND RETURNED SEPARATELY AT A PLACE DIRECTED BY BHEL / ENGINEER IN-CHARGE WITHIN THE PROJECT AREA. RETURN OF SUCH MATERIALS WILL NOT BE ENTITLED TO ANY HANDLING AND INCIDENTAL CHARGES. ALL WASTAGE / SCRAP (INCLUDING MELTING SCRAP, WASTAGE, UNUSABLE) SHALL BE RETURNED DIAMETER/ SECTION WISE TO THE STORES AND A RECEIPT OBTAINED FOR MATERIAL ACCOUNTING PURPOSES.

**(A) CONSUMPTION:**

THE THEORETICAL CONSUMPTION OF VARIOUS SECTION / DIAMETER OF REINFORCEMENT SHALL BE BASED ON APPROVED CONSTRUCTION DRAWING AND BAR BENDING SCHEDULE, APPROVED LAPS, CHAIRS & LUGS. THE WEIGHT SHALL BE CALCULATED CONSIDERING THE SECTIONAL WEIGHTS AS PER INDIAN STANDARDS. NO EXTRA COST SHALL BE PAYABLE TO THE CONTRACTOR FOR ANY DEVIATION IN WEIGHTS FOR THE DIFFERENT PROCEDURES ADOPTED FOR ISSUE AND CALCULATION FOR THE THEORETICAL CONSUMPTION INCLUDING ROLLING TOLERANCES. THE CONSUMPTION / WASTAGE SHALL BE DETERMINED AS UNDER:

- i) ACTUAL CONSUMPTION = (QTY ISSUED BY BHEL) – (SURPLUS QTY RETURNED BY THE CONTRACTOR).
- ii) SURPLUS = UN-TAMPERED AND UNUSED QUANTITY OF STEEL RETURNED BY THE CONTRACTOR TO BHEL SUPPORTED BY RELEVANT DOCUMENTS
- iii) WASTAGE = ACTUAL CONSUMPTION - THEORETICAL CONSUMPTION (AS ERECTED QUANTITY)

**(B) WASTAGE**

ALLOWABLE WASTAGE: (+5%) OF THE THEORETICAL CONSUMPTION SHALL BE CONSIDERED AS ALLOWABLE WASTAGE.

WASTAGE IS FURTHER CLASSIFIED AS CUT PIECES [PIECES OF LENGTHS 3 M AND ABOVE] AND SCRAP ( INCLUDING PIECES OF LENGTHS LESS THEN 3 M ) MEASURED AS PER ACTUAL WEIGHMENT BASIS.

SL.	REINFORCEMENT STEEL	BASIS OF ISSUE & PENAL RECOVERY
R-1	THEORETICAL CONSUMPTION [WITHOUT CONSIDERING WASTAGE AND SCRAP OF LOSS	FREE
R-2	WASTAGE LIMITED TO PLUS FIVE PERCENT [+5%] OF AFORESAID THEORETICAL CONSUMPTION [R-1] TOWARDS ALLOWABLE WASTAGE [ CUT PIECES PLUS SCRAP TO BE RETURNED TO BHEL ]	FREE
R-3	WASTAGE BEYOND FIVE PERCENT [+5%] OF THE THEORETICAL CONSUMPTION ABOVE (R-1).	PENAL RATE @ 50% OVER & ABOVE THE PROCUREMENT RATE

- 6. ALL OTHER TERMS AND CONDITIONS OF TENDER SHALL REMAIN UNCHANGED.