



भारत भारी बिजली सीमांत लिमिटेड
(भारत भारी बिजली सीमांत लिमिटेड)

Bharat Heavy Electricals Limited
Industry Sector, Transmission Business Group

Integrated Office Complex
Lodhi Road, New Delhi-110 003
Phones: 011-41793381, Fax: 011-24369509

AMENDMENT NO-2 TO NIT

DATE: 14.08.07

SUB : AMENDMENT - 02 To NIT 3048 for Civil Works

REF: TENDER SPEC. No. – TBSM/MEJIA/CIVIL/CRB & YARD/TENDER, Dated 06.07.2007.

With reference to above tender for civil works of control room building & yard for 400 kV switchyard at Mejia Thermal Power Station (7&8) in West Bengal, following amendments/clarifications may be noted.

A. Technical

For Package –A

1. **In item no.10** Instead of 'Extra over item 10 above' it will be read as 'Extra over item no. 9'
2. **Item No. 15** - Average depth of excavation shall be 300MM.
3. **Item No. 6 (i), 6(ii)** – These two items will be operated for work above plinth level.
4. **Item No. 21-** Security cabin mentioned in specification of Open Stores will be of Brick work with RCC flooring & Roofing.
5. **Item No. 22-** (clarification in respect of Specification for closed stores & Drawings No. TBSM/TRUSS/01)

Size & grade of RCC columns shall be 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20mm nominal size)

The spacing of RCC column will be 5mtr.

Thickness of brick wall to be done up to the top level of RCC columns shall be as per section A-A of drawings No. TBSM/TRUSS/01.

Size of rolling shutter given shall be as per drawings No. TBSM/TRUSS/01. The Rolling shutter shall be manually operated.

Fixed type Glazed steel windows of size 1200x500mm to be used for ventilation.

For Package-B

1. **Item No. 31-** The term 'door' may please be deleted form the item description. Thickness of glass panes shall be 4mm.
2. **Item No. 40(b)** shall be read as "20mm thick tiles in dado/skirting on 12mm thick mortar 1:4 (1 cent, 4 coarse sand)."
3. **Item No. 58-** Photo Voltaic Control Flushing Cistern (10 ltr capacity) may be replaced by manually operated cistern.
4. **Item No. 60-** Photo Voltaic Control Flushing Cistern (5 ltr capacity) may be replaced by manually operated cistern.
5. **Item No. 61-** Oval shape to be deleted. The size of wash basin shall be 630X450MM.

General:-

1. **For item No.8 (a) & 15 (a) -** Bidders to quote against these items. This item shall be operated in emergency situation.
2. **Supply of Reinforcement Steel by BHEL-** All terms & conditions as mentioned in annexure to general condition of contract for civil works for supply of steel by BHEL shall be applicable. No deviation will be accepted against this annexure.
3. For construction of stores, Reinforcement steel & Cement shall not be supplied by BHEL as free issue item. Quoted rates are deemed to be inclusive of supply of cement & reinforcement steel.

B. Commercial

1. **Security Deposit (CI No. A.17 of Condition of contract for civil works) –** Security Deposit clause shall be as per our clause No. A.17 of condition of contract for civil works of NIT. No deviations will be acceptable against this clause.
2. **Performance Bond (CI No. C.2 of Condition of contract for civil works) – This clause shall be read as** "The contractor shall submit Bank Guarantee of an approved Nationalised Bank as per BHEL proforma for an amount equal to 2.5 % of the contract value as performance bond to get his balance 2.5% payment released at the discretion of the engineer before release of Security Deposit as per the general conditions of contract. The performance Bank Guarantee shall remain valid up to successful completion of performance and guarantee tests of the station and taking over of the plant by BHEL/client of BHEL. Not withstanding the provisions of any other clause(s) of General Conditions of Contract, the contractor shall continue to be responsible to execute all such works of repair, rectification and making good of defects, imperfections of other faults as may be required of the contractor in writing by the Engineer for the period as stated above. The proforma for submission of the BG shall be as per Annexure I.

3. **Escalation/ Price variation:** Formula given in clause No. 6.3 of amendment- No.1 dated 02.08.07 shall be read as

$$A = \frac{K \times R \times (X_n - X_o)}{X_o}$$

Where,

A = Amount to be paid/ refunded due to variation in the index for labour, materials (other than those issued by the BHEL), oxygen gas, acetylene gas, paints, electrodes and prices of diesel oil.

K= Component of labour, materials (other than those issued by BHEL), diesel oil, oxygen gas, acetylene gas, paints, electrodes, as indicated in above table.

R = Gross value of work done for the billing month.

X_n = Revised index no/ price for labour, materials (other than those issued by BHEL), diesel oil, oxygen gas, acetylene gas, paints, electrodes, for the month of work done.

X_o = Index no/ price for labour, materials (other than those issued by BHEL), diesel oil, oxygen gas, acetylene gas, paints, electrodes as on the 'BASE DATE'.

Base date shall be as per Cl. No. 6.1 of amendment- No.1 dated 02.08.07

All other terms & conditions of the tender specification & subsequent amendment no.1 dated 02.08.07 shall remain unchanged.

This amendment shall be a part of NIT -3048.

Please enclose a copy of the amendment-02 alongwith your Technical Bid duly signed by your authorised signatory and stamped.

(R.LODWAL)
SR.DGM/TBSM