



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN - 01**

Ref: PSER:SCT:HLD-C748:TCN-01

Date: 15-05-2007

Sub	Tender change notice (TCN) 01.
Job	Complete piling, civil, structural and architectural works of Gas turbine Hall, Extension to existing SG cum Control Room, Field operator's room, A/C Plant room at the SG Bldg. roof top, DM tank, Fuel Tank foundation with Dyke, foundation of HRSG Boilers, Gas Turbine, Generator and auxiliary equipment, foundation and superstructure of pipe rack, SG cum control room, turbine hall, De-aerator and other works of road, culverts, trenches etc. at 1 x Fr – 5 Cogeneration plant for IOCL Haldia (PH – III).
Ref	Tender no PSER:SCT:HLD-C748:07.

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

- 1.0 **ANNEXURE – I : BHEL's clarification to the queries of the bidders discussed during pre-bid meeting held at BHEL, Kolkata office on 08<sup>th</sup> May 2007.**
- 2.0 **ANNEXURE – II : Addition to SCC clauses 6, 7 and 8.**
- 3.0 **All other terms & conditions shall remain unchanged.**

Based on above, you are requested to submit your offer by due date.

Thanking you,

Yours faithfully,  
for BHARAT HEAVY ELECTRICALS LTD

SENIOR MANAGER (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

**BHEL'S CLARIFICATION TO THE QUERIES OF THE BIDDERS DISCUSSED DURING PRE-BID MEETING HELD AT BHEL, KOLKATA OFFICE ON 08<sup>TH</sup> MAY 2007.**

01. Location / space for construction of office stores, bar bending yard shall be provided near the site of work.

*BHEL CLARIFICATION: As availability from customer.*

02. Location of fabrication yard shall be provided within 100m of the working area.

*BHEL CLARIFICATION: As availability from customer.*

03. Location for placement of Mini Batching Plant and storage space for aggregates shall be provided within 100m of the working site.

*BHEL CLARIFICATION: As availability from customer.*

04. Concrete shall be conveyed through mini dumpers (Tough Riders) or chute carts from mini batching plant as transit mixer is not compatible to this machine. We shall not provide transit mixer for the work.

*BHEL CLARIFICATION: Transit mixer / mini dumpers (Tough Riders) / chute carts have to be mobilized by contractor as per instruction of the Engineer In-Charge and no extra payment will be paid for these mobilizations.*

05. We shall not provide any crane for erection work, only hydra shall be provided by us for handling of structural steel considering nominal quantity of steel work. We shall not provide any scaffolding for erection of structural steel or sheeting.

*BHEL CLARIFICATION: Additional hydra / crane as required capacity for fabrication and erection have to be mobilized by contractor as per instruction of the Engineer In-Charge and no extra payment will be paid for these mobilizations.*

*Erection work should be executed as per safety requirement of BHEL / IOCL.*

06. Painting to structural steel shall include surface preparation by sand blasting to SA 2½ as per preamble or by wire brushing as done in unit 2. Please confirm.

***BHEL CLARIFICATION: As per IOCL specification as enclosed (Bidder should have to collect hard copy of the document from BHEL office, which will be followed at the time of execution the work.)***

07. Item no. 6.9 for coating to structural steel work kindly provide the IOCL Haldia specification as mentioned.

***BHEL CLARIFICATION: As enclosed (Bidder should have to collect hard copy of the document from BHEL office, which will be followed at the time of execution the work.)***

08. Item no. 6.10 for colour coated sheeting – thickness of sheet is not mentioned. Epoxy paint cannot be applied in drilled holes as mentioned since this type of sheeting is done with a special system by self-tapping screws as already done for unit 1 & 2.

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

*BHEL CLARIFICATION: Thickness of sheet is 0.6mm*

*Epoxy paint has to be applied in drilling as per BOQ item / specification / drawing.*

09. Item no. 6.11 – thickness of transparent fibre glass sheets is not mentioned.

*BHEL CLARIFICATION: Thickness of transparent fiber glass sheet shall be 1.2mm and Fire Retardant quality*

10. Item no. 6.12 – thickness / gauge of G. I. Sheets is not mentioned.

*BHEL CLARIFICATION: CGI sheet of 0.6mm thick with galvanization of 150gm/sqm on both sides.*

11. Item no. 8.9 – Spartek tiles are not available in the market. Approved equivalent make shall have to be allowed.

*BHEL CLARIFICATION: Subject to approval of BHEL / Owner*

12. Item no. 8.10 & 8.11 – 3mm thick PVC tiles are not readily available in the market. We shall use 2mm thick tiles instead. Please confirm.

*BHEL CLARIFICATION: Agreed.*

13. Item no. 8.12 – Thickness of kota stone shall be 25mm for 50mm thick flooring as per the item.

*BHEL CLARIFICATION: Agreed.*

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

**ADDITION TO SCC CLAUSES 6, 7 AND 8.**

**Following is added to SCC clause no. 6**

**LAND:** "Subject to availability the OWNER shall permit the CONTRACTOR free of any liability to OWNER / PMC/BHEL on payment of license fee to establish a temporary site office at the job site. The OWNER shall not permit any land at site to be used for residential purposes nor shall otherwise provide or arrange any land for temporary accommodation of the CONTRACTOR's personnel or labour. CONTRACTOR shall at its own cost and initiative arrange land for residential accommodation for its staff and workers at his own cost and the price of services shall be deemed to include the same."

**Following is added to SCC clause no. 7**

**Water Charge:** Subject to availability Construction water shall be supplied by Owner at suitable location near to battery area on chargeable basis at the rate of Rs.9.00 per cubic meter.

**Following is added to SCC clause no. 8**

**Electricity Charge:** "Subject to availability Construction power shall be supplied by OWNER on chargeable basis. The cost of power supply shall be recovered by the BHEL every month at the rate of Rs.3.13 per KWH (without prejudice to any other mode of recovery available to the BHEL) by deduction from the CONTRACTOR's bills. The energy meter to be installed by the CONTRACTOR shall be tested and certified by State Electricity Board or any other agency approved by the OWNER. In the event of failure or defect of the meter(s) power charges shall be calculated on consumption determined by Engineer-in-charge. The construction power shall be made available to the CONTRACTOR subject to system disturbances, and no time extension of time or compensation shall be payable on this account. Therefore, the CONTRACTOR shall within the price of services make alternative arrangement to cope with such eventuality."

**Safety: Bidder should have to collect hard copy of safety document which will be followed at the time of execution the work.**