

**TCN-06****REF. TENDER NO. PSER:SCT:HLD-B674:06**

1. Refer Para 2.15 in page 09 of 40 of Volume-II. The words "Bends up to 80 nb" shall be replaced by the words "bends/reducers/tees etc. fittings as required at site".
2. Refer Para16.08 in page -28 of 40 of Volume- II. The following sentence shall be added to the original para. "Pro-rata payment will be made against each RA bill with in 30 days of submission of invoice based on site engineers verification regarding the completion of the work subject to the correctness & completeness of the invoice."
3. The following sentence shall be added to the second paragraph under sl. No. 22.00 in page 31 of 40 of Volume-II. "In case of any theft etc. of the BHEL material whether in the store / yard or in the erection site, the contractor has to lodge FIR in the local police station with in 24 hours time and report the same to BHEL / owner.
4. Refer para 23.00 in page 32 of 40. This para shall be replaced with the following. "Penalty for Delay @ ¼% of total contract value per week or part thereof for first 8 weeks and thereafter, ½% of total contract value per week or part thereof subject to maximum of 5% of the total contract value shall be deducted from the contractor's invoices or any other payment due to the contractor. For deduction of the said penalty BHEL needn't justify the actual quantum of damages suffered by BHEL on account of such delay".
5. The para16.03 in pages 27 & 28 of 40 shall be replaced as follows –  
 "Subject to any deduction which BHEL may be authorised to make under the contract, the contractor on the certificate of the Engineer at site be entitled for payment as explained hereunder :

**A) PROGRESSIVE PAYMENT on prorata basis (80 % of unit rate)**

There're 2 types of products i.e. all products (other than insulation i.e. other than PGS -32,33,& 37) & Insulation (Products under PG-32,33 & 37) against which the progressive payment has been shown as under **A-I & A-II** respectively.

**A-I) (Applicable for all PGS except 32,33 & 37)**

- (i) 20% of the contract rate on prorata basis on pre-assembly wherever applicable and 20% of the contract rate on prorata basis on placement in position and rough alignment for the items where pre-assembly is involved.  
 OR  
 40% of the contract rate on prorata basis on placement in position and rough alignment for the items where pre-assembly is not involved.

- ii) 35% of the contract rate on prorata basis on final alignment/ fastening/ leveling / welding/ grouting along with proper supports including radiography/ NDT/ stress relieving etc. wherever involved.
- iii) 5 % of the contract rate on prorata basis on completion of total work pertaining to the applicable product as may be decided by Engineer.

**A-II) (Applicable for 32, 33 & 37)**

- (i) Readiness for Application (application of red-oxide painting, if applicable, hook /Retainer / insulation strip /Support etc. welding & arrangement of scaffolding etc.) = 20%
- (ii) Application of wool mattress = 30%
- (iii) Complete Work completion including aluminum sheeting, sealing etc. as may be decide by engineer = 30%

**B) MILESTONE PAYMENT (10% of unit rate)**

- 3.0% of CV on successful completion of boiler hydraulic test.
- 1.0% of CV on successful completion of boiler gas tightness test.
- 2.0% of CV on completion of Alkali Boil Out.
- 1.0% of CV on completion of steam blowing.
- 1.0% of CV on completion of safety valve floating.
- 2.0% of CV on completion of supplementary firing.

**C) FINISH PAINTING (5% OF UNIT RATE)**

**D) LIQUIDATION OF ALL ERECTION, PRE-COMMG. / POST COMMG. PENDING POINTS (2% OF UNIT RATE)**

**E) MATERIAL RECONCILIATION (2% OF UNIT RATE)**

**E) UNIT HANDING OVER TO CUSTOMER (1% OF UNIT RATE)**

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**TOTAL 100 % "**

- 6. Refer note -3 of annexure-I in page 34 of 40 of volume –II. The figure  $\pm 20\%$  shall be replaced by  $\pm 30\%$ .
- 7. Refer annexure – IV in page-37 of 40 of volume –II.
  - a) The word "welding transformer" under sl. No. -6 shall be replaced as "welding rectifier".
  - b) The word "pulley blocks" under sl. No. -13 shall be replaced with "Chain Pulley blocks / Multi-sleeved Pulley blocks"
  - c) Grinding & cutting machines (as required) shall be added under sl. No. – 18 to the annexure-IV.

8. Refer Note 1 below the annexure-IV in page – 37 of 40 of volume – II. The note shall be replaced as follows.

“150 MT or higher capacity crane (to be mobilized by the contractor at his own cost) is mainly required for a limited duration for erecting all upper shells of Chimney which are beyond the capacity/ reach of the 75 MT crane being supplied by BHEL and for making vertical and erecting the various eco. / evaporator / SH etc. modules and installation of any other product beyond the reach / capacity of the 75 MT crane.

The above list specifics only major T&P may not be complete to be deployed by the contractor. All other additional tools and plants which are required for satisfactory & timely completion of work shall also be deployed by the contractor within finally accepted rate/ price.”

9. Refer Annexure – VI in page -39 of 40 of volume –II. The following consumables shall be added to the list.

- a) All SMAW / TIG welding electrodes, filler wires etc.
- b) All paints reqd. for painting.
- c) All gases including Oxygen, DA & Argon etc.
- d) All grinding / cutting etc. wheels
- e) All winch wire ropes / lifting slings / other steel & manila ropes.
- f) All scaffolding material & temporary supports.

10. Refer note-3 of Annexure – I in page – 34 of 40 of volume –II. This note shall be replaced as follows.

“Besides Areas indicated above, there is likely hood of addition/ deletion / release of some additional product groups. Contractor's finally Accepted rates shall be applicable for erection of such items also. The accepted rate in Rs. / MT shall remain firm & valid till there's a total variation of  $\pm 30\%$  of the total contract price”.

These clarifications (TCN-06) will form a part of the tender document. Quoted price of bidders will be presumed on the basis of original tender (including TCN-01, TCN-02, TCN-03, TCN-04, TCN-05) & these clarifications (TCN-06). These clarifications (TCN-06) will form a part of the tender document and should be submitted (duly signed) along with bid as specified.

- **All the clauses of original tender document (including TCN-01, TCN-02, TCN-03, TCN-04 & TCN-05), which are not mentioned/covered in above clarifications (TCN-06), will remain unchanged. All other queries raised by bidders shall not be taken into consideration.**
- Based on clarifications furnished above, all the bidders are requested to submit their offer without any deviation, within stipulated time i.e. by **12-07-2006 (Receipt date)**. Technical bid shall be opened on next working day.