

Techno-Commercial Clarification in the specification				ANNEXURE-I
SI No.	REFERENCE	DESCRIPTION	QUERY	BHEL's CLARIFICATION
1	Chapter V (T&P and MMES) Cl. No. 5.0 Page No. 17 of T.C.C	The Contractor shall make necessary arrangement like lying of steel plates, assembly & dismantling of heavy lift arrangement, boom, jib etc. For movement and operation of crane.	Please confirm that required steel plate for assembly & dismantling of heavy lift arrangement shall be provided as free of cost basis .	Steel plates will be provided Free of Cost
2	Chapter VII (Testing) Cl. No. 7.38 Page No. 79 of T.C.C	Pre-Commissioning & Commissioning activities	Please provide the requisite category along-with Man hours for BHEL Pre-Commissioning & commissioning activities.	As per requirement
3	Chapter III (Facilities) Cl. No. 2.1.10 Page No. 10 of T.C.C	Preparation of Pre-assembly bay	Please confirm that required steel plate and Pipe for preparation of pre-assembly bay shall be provided as free of cost basis or not.	Contractor has to arrange all material required for preparation of pre- assembly bay
4	Chapter VI (Time schedule) Cl. No. 6.2 Page No. 18 of T.C.C & Chapter 10.2 (Important conditions) Cl. No. 10.2 Page No. 27 of T.C.C	In case delay beyond 32 months due to reasons not attributable to contractor, the same shall be done within the quoted rates as per rate schedule at no extra cost to BHEL.	Please confirm that O.R.C & P.V.C clause is also not applicable if the contract gets delay beyond 32 months due to reasons not attributable to contractor. Therefore we apprehend that in any case PVC & ORC clause is not applicable .	PVC and ORC shall be payable for the extended period, if any as per conditions stipulated elsewhere pertaining to PVC & ORC in this tender specification
5	Chapter B (TCC) Cl. No. 8.4 Page No. 25 of T.C.C	Taxes & duties & levies for supply contract	Please provide the respective price format in which bidder should indicate the rates of sales tax , excise duty & other statutory levies separately.	As per tender conditions
6	Price schedule	Supply portion –Lumpsum	Please confirm that value of supply of paints shall be restricted 1.5% of total quoted value i.e grand total value of supply & service.	As per Part-II- Price Bid for Supply Portion (Lumpsum) SI No. B1 and Note No. 4
7	Note 2 on page 16 of TCC.	The operator for BHEL 100 ton and above crane shall be provided by BHEL free of cost.	Please confirm that who is to provide crane operator in case of hired crane.	As per TCC(Part-I), Chapter-V, Clause No. 5.0, Note No.2 i.e. for BHEL's cranes (Owned & hired) of capacity 100 MT & above, the operator shall be provided by BHEL on Free of Cost basis.
8	Note 1 on page 16 of TCC.	Day to day up keep and running maintenance scope of contractor.	As these cranes are provided by BHEL on sharing basis, please confirm who has to take care day to day maintenance, repair and how the diesel cost is to be shared. Also confirm that lubricant and spare parts shall be provided by BHEL free of cost.	As per TCC (Part-I), Chapter-V note no.1 and note no. 2
9	Clause 2.3 (11) on page 4 of TCC.	Transportation / dragging of boiler drum from unloading bay In BHEL scope.	Please confirm the approximate distance from unloading point to inside boiler structure.	Nearby Boiler Area
10	Clause 3 (1.1.2) - facilities in scope of BHEL / contractor on page 8 of TCC	Space for labour colony. As per scope -- space shall be provided by BHEL whereas in remark column it is mentioned contractor has to make own arrangement.	Please confirm if BHEL shall provide space for labour colony free of cost.	As per TCC (Part-I) Chapter-III, Clause No. 1.1.2 (A) BHEL will provide space for Labour colony as and where make available by NBPPL/NTPC. However development of living area is in the scope of the Contractor.
11	Clause 3 (1.2.1.1) - facilities in scope of BHEL / contractor on page 8 of TCC	Electricity at single point by BHEL free of cost.	Please confirm the approximate distance.	Wherever provided by NTPC/ NBPPL
12	Clause 6.2., 6.3 & 6.4 time schedule on page 18 of TCC	In clause 6.2 the time schedule is indicated as 32 months, in clause 6.3 TO and HO mentioned as 31 months. And clause 6.4 it is mentioned that the pending point shall be liquidated within two months from TO. It means 31 + 2 = 33 months	Please confirm actual time schedule.	As per TCC (Part-I) Chapter-VI, Clause No. 6.2, Time schedule will be 32 Months from the zero date. However TCC (Part-I) Chapter-VI, Clause No. 6.4 may be read as punch list/ pending points shall be fully liquidated within 2 months from Full Load i.e. 30+2 = 32 months
13	Clause 4.40 chemical cleaning on page 70 and clause 2.8 on page 50 of TCC.	As per clause 4.40 the chemical cleaning is not in the scope of this tender. But as per clause 2.8 the foundation of C.C. pump, tank etc in the scope of this tender	Please confirm that the foundation for CC pump is in scope of this tender or other agency.	As per TCC (Part-II), Chapter-IV Clause No. 4.40 - Foundation for chemical cleaning pumps etc shall not be in the scope of this contract.
14	Clause 3.36 on page 54 and clause 3.99 on page 61 of TCC	Erection of electrical and C&I equipment	Please confirm the approximate tonnage of electrical and C&I item.	As per TCC (Part-I) Chapter XI, Annexure-IC

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15	Clause 3.42 on page 55 and clause 3.50 on page 56 of TCC.	Cl. 3.4 - instrument like pressure switches, air set, filter as per requirement. Cl. 3.50 – certain instruments C&I agency as above.	As per clause 3.42 the calibration of instrument in the scope of this tender. However as per clause 3.50 it is done by other agency. Please confirm.	TCC(Part-II), Chapter-III, Clause No. 3.42- May be treated as void As per TCC(Part-II), Chapter-III, Clause No. 3.50 E&C is in the scope of contractor while calibration will be done by other agency
16	Clause 4.9 on page 63 of TCC and clause 4.1.4 on page 7 of SCC	Filler wire are to be arranged by contractor.	Please confirm whether filler wire supplied by BHEL manufacturing unit shall be provided free of cost.	As per SCC (Chapter-IV), Clause No. 4.1.4
17	Clause 4.39 – P-91 welding --- on page 69 of TCC.	Items provided by BHEL free of cost.	Please confirm that annealing and compensating cable shall also be provided by BHEL free of cost.	As per TCC(Part-II), Chapter-IV, Clause No. 4.39 -shall be provided by BHEL
18	Clause 6.2 – Painting on page 73 of TCC.	After applying the primer paint satisfaction of engineer.	Please confirm that primer shall be applied on all surfaces or applied only those surfaces which may have got peeled off.	As per TCC(Part-II), Chapter-VI, Clause No. 6.1
19	Sr. No. B (1)- Supply Portion of Part-II, Price Bid	Supply of all paints.....1.5% of total quoted value	Please confirm the payments Terms of Supply of Paints	As per Part-II- Price Bid for Supply Portion (Lumpsum) SI No. B1 and Note No. 4
20	Sr. No. A 1 to 6 and B of Part-II, Price Bid	Calculation ratio for different items based upon the total value as per rate schedule.	If we calculate the total amount as per ratio of different items the same does not match, please clarify	Shall be as per Part-II, Price Bid, Annexure- B
21	Sr. No. 24 of Cl. 4, T&P and MMD deployed by contractor on page 14 of TCC	Hardness testing equipment (Equotip or microdur make) 33 Stress relieving equipment with temperature	Please clarify what is 33 stress relieving equipment with temperature	May be read as Hardness testing equipment (Equotip or Microdur make) & Stress relieving equipment with temperature Gauge
22	Annexure- I E, Insulation on page 34 of TCC	Tonnage of Insulation mentioned	Please confirm The weight of Castable and Pourable Insulation	As per TCC(Part-I), Annexure-IE, Pg 34
23	Part-II, Price Bid, Annexure-B, Sl.No. B.1	Supply of all paints (Equivalent to 1.5% of total quoted value)	Whether this 1.5% payment shall be additional to quoted price i.e. Total Value of "A".	As per Part-II- Price Bid for Supply Portion (Lumpsum) SI No. B1 and Note No. 4
24	Part II, Price Bid, Annexure-B, Note No. 4	1.5% of quoted value for supply portion will remain fixed with no compensation for variation in quantities, escalation of rates etc during the contract period.	If contract period extends due to reasons not attributable to contractor then what will be the compensation.	As per Part-II- Price Bid for Supply Portion (Lumpsum) SI No. B1 and Note No. 4
25	Chapter II, Scope of work. Clause No. 2.3 (A), 11, Page 4	Transportation /dragging of boiler drum from unloading bay to inside boiler Structures and positioning on ground	Whether Crane required for dragging of boiler drum will be provided by BHEL, along with distance to be dragged. Please confirm.	Crane will be provided as per TCC(Part-I), Chapter-V, Notes SI No. 3, Pg 17
26	Chapter II, Scope of work. Clause No. 2.3 (B), Note No. 2, Page 5	Paints, primers etc to be procured from NTPC/BHEL approved suppliers.	Please provide NTPC/BHEL approved Suppliers List for paints.	NTPC/BHEL approved supplier list for paints will be provided later
27	Chapter XI - TCC, Annexure-IB, Page 30	Sub Total (in MT)	As per actual totaling, subtotal is 14573 MT instead of 14731 MT (as shown). Hence total of Annexure-I, Page 28 shall be 35488 MT. Please clarify	Approx. weight to be erected for the Boiler (Structure, Pr. & Non pr. Parts), ESP, Rotating Machines, insulation & Power cycle piping etc.for the unit shall be read as 35488 MT instead of 35646 MT. The weight for Structure & Non-pr parts may be read as 14573 MT instead of 14731 MT
28	Chapter III Sl No. 1.2.2.5 Pg. 9	Electricity for living.....on the above lines.	Please specify the standard rates for chargeable electricity.	As per TCC (Part-I), Chapter-III Clause No. 1.2.2.5 - As per UPPCL standard rates
29	Chapter III Sl No. 2.1.10 Pg. 10	Preparation of preassembly bay	Whether material required for preassembly bay will be provided by BHEL on returnable basis.	As per TCC (Part-I), Chapter-III Clause No. 2.1.10. -Material will not provided by BHEL
30	Chapter VI Sl No. 6.0 Pg. 18	Time Schedule	Please inform us probable start date of the Project.	Expected date is November 2014
31	Chapter VII Sl No. 7.9 Pg. 75	For Chemical Cleaning	Please inform us scope of Boiler Contractor for Chemical Cleaning.	As per TCC (Part-II), Chapter VII, Clause No. 7.9
32	General	--	Please inform us delivery condition of Ceiling Girder along with its weight and details of site assembly scope, if any.	Heaviest Ceiling Girder weight is 125 MT approx. and will be supplied in 3 pieces
33	General	--	Please provide unit rates for extra / additional work of equivalent joints.	As per TCC (Part-I), Chapter XI, Pg No. 42
34	General	--	Please provide painting scheme.	Will be provided later
35	General	--	Please provide plan and elevation drawings.	Will be provided later
36	General	--	Please provide exclusions, if any. (Annexure for exclusion is not available)	Not applicable