



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT

PROJECT : 2X660 MW ENNORE SEZ STPP
PACKAGE : OIL FILLED SERVICE TRANSFORMER

DATE: - 04.07.2017

Corrigenda/Addenda-2

Reference: i) Enquiry No. E-5638/2017 Dtd. 01.06.2017
ii) Corrigenda-1 Dtd. 27.06.2017

Due Date : 12/07/2017 (10:00 AM)

Subject: Technical Pre Bid Clarification

1. Technical Pre Bid clarifications are attached herewith. All bidders to note the same and quote accordingly

All other terms and conditions shall remain unchanged.


Regards
09/07/17

Anil Kumar Pandey
Dy. Manager
PG-II-2

PRE BID CLARIFICATIONS				
TECHNICAL				
S.No.	CLAUSE NO.	AS PER TENDER	CLARIFICATION/PROPOSAL	BHEL RESPONSE
1			Please clarify on voltage class of LV side as the entire specification is calling for 3.5KV & BOQ is calling for 3.6KV for 8MVA & 6.3MVA Transformers.	Voltage ratio of all transformers shall be 11/3.6KV.
2			Please confirm the voltage class of 3.5MVA Power Transformers.	voltage class of 3.5MVA Power Transformers.11/3.6KV
3			Please confirm the below are not under supplier scope of supply: 1. 4.10.00: NGR is not in our scope of supply. 2. Spares: Hydraulic/Screw Jacks. 3. As the requirement is of ONAN, Cooling fans, CCC units are not applicable in the specification.	1. Noted 2. Pls refer SI no. of CI 3 of Sec'I'; Specific technical requirement where it is clarified that COMMISSIONING SPARES, SPECIAL TOOLS. & TACKLES AND O & M SPARES are not required. 3. Noted
4	CI 4.01.00 (c)		Rail gauge 1676 mm is applicable for higher rating power transformers. Please check and confirm whether same is applicable for 8.0/6.3/3.5 MVA required transformers.	Rail gauge is not in bidder's scope of supply. However transformer shall be fitted with flanged bi-directional wheels & axles & shall be mounted on wheels on foundation
5	CI.4.08.00 (a)		CT ratio and Class PS details of Bushing CTs required for differential protection to be furnished	CT ratio & PS class CT details shall be furnished during detailed Engg without any techno commercial implication to BHEL
6	CI 7.01.00, II, Type test		Please confirm whether type test including dynamic Short Circuit is mandatory to be carried out required transformers or Short Circuit test report of similar design transformers and / short circuit design calculations shall be acceptable BHEL / End client?	All type tests including short circuit test to be conducted as per specification
7	CI. 9.00.00		Shock recorder and N2 filling during despatch is not recommended for such lower rating transformers as there is no transport limitation. Please check and confirm the required. Further, shock recorder if provided, shall be on returnable basis from site once transformer reaches at site	Shock recorder & N2 filling unit is required. Shock recorder shall be provided on returnable basis
8	Annexure A of Price schedule		BOQ, Item sl 3 – Please clarify voltage ratio 3.5 MVA 11/6.9 KV ? As per technical specification it should be 11/3.6 KV	Voltage ratio of 3.5MVA transformer shall be 11/3.6KV. Pls refer corrigenda-1 in this regard

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