

PRE BID MEETING REGARDING EOI FOR SUPPLY OF GENERATOR TRANSFORMERS FOR KKNPP 5,6

DATE: 17.07.2018

VENUE: NUB, ANUSHAKTINAGAR, MUMBAI

PARTICIPANTS:

S.No.	Name of the organisation	Name of the representative
1	M/s BHEL	Shri S.D. Roy
2		Ms Julie Srivastava
3	M/s CG Power	Shri Vivek Sarkar
4	M/s Siemens Ltd.	Shri Chinnathambi Jayasenan
5		Shri Saurabh Sharma
6	NPCIL	Shri V.Sankaranarayanan
7		Shri A. Khandelwal
8		Smt Inni Ranjan
9		Shri A.Dewasthale
10		Shri Gaurav Rai

As was brought out in the invitation for EOI, a pre bid meeting was held and the following points were discussed/clarified. NPCIL welcomed the probable bidders and thanked them for their participation.

NPCIL clarified that all pre bid queries received from the bidders would be clarified through emails to all the bidders and would also be uploaded in www.npcil.nic.in website subsequently.

On queries raised from the participants, during the subject meeting, NPCIL clarified the following and informed that these clarifications would also be sent through emails to all the bidders and uploaded in www.npcil.nic.in website.

S.No	Query from the participant	Response from NPCIL
1	Ref clause no. 8.12 g of section C of the invitation for EOI: Power frequency withstand voltage, kV Ref clause no. 8.14 c of section C of the invitation for EOI: Power frequency withstand voltage, kV	HV-N: 80kV mentioned shall be read as 105kV 80kV mentioned shall be read as 105kV
2	Ref clause no. 8.4 c of section C of the invitation for EOI: Withstand time for three phase short circuit at terminals (seconds) Ref clause no. 8.12 j of section C of the invitation for EOI: Rated thermal short time current , Time	The short circuit duration shall be as follows: Winding: 4s Bushing : 3s
3	Ref clause no. 11.0 of section C of the invitation for EOI: Requirement on losses to be specified	Maximum permissible losses (in kW) at 75 deg C shall be as follows: No load: 210 +15% Full load: 770 +10%

4	Ref clause no. 18.11 c of section C of the invitation for EOI: Type of tap changer and the range to be clarified	Type of tap changer: Off circuit Range: + 2x2.5% to -2x2.5% of rated voltage
5	Ref clause no. 8.17.21 of section C of the invitation for EOI: Core material	“CRGO HI-B (Laser Etched) or Better” to be read as CRGO (Laser Etched). Bidder to mention grade as per IS 3024 meeting all technical requirements.
6	Ref clause no. 10.1 of section C of the invitation for EOI: Tests for Main – revision of the standard to be clarified	The clause shall be read as “All routine, acceptance, type and all special tests brought out in the latest revision of relevant IEC/IS standards shall be carried out on the equipment to be supplied to the Purchaser. This includes carrying out of short circuit test on the transformer to be supplied to the Purchaser at an accredited laboratory.
7	Ref clause no. 8.17.11 of section C of the invitation for EOI: Vacuum withstand capacity, Main tank with bushings, fittings, Radiators and accessories: Full Vacuum.	“Main tank with bushings, fittings, Radiators and accessories: Full Vacuum” to be read as “Main tank with bushings, fittings, Unit coolers and accessories: Full Vacuum.”
8	Ref clause no. 8.17.18 of section C of the invitation for EOI: Thermosiphon filter – requirement of thermosiphon filter in view of the online oil conditioning equipment	Bidder to note that the subject clause permits the bidder to propose the thermosiphon filter taking into account the provision of online oil conditioning equipment. Thermosiphon filter is not required with inclusion of online oil conditioning equipment.
9	Ref clause no. 8.7.23 of section C of the invitation for EOI: NPCIL to clarify the DGA equipment with the number of gases intended to be analysed	NPCIL clarified that the number of gases to be analysed would be 8 (eight).
10	Ref clause no. 1.2 of section C of the invitation for EOI: requirement of WTI on HV or LV.	NPCIL clarified that the WTI needs to be provided on both HV and LV.
11	Ref clause nos. 8.7.e & f of section C of the invitation for EOI: NPCIL to clarify the requirement against the revised IEC	NPCIL clarified that the requirement shall be as in clause no. 7.3.3.1 & 7.3.3.2 of IEC 60076-3:2013. However, the value of PD to be complied shall be 100 pF
12	Ref clause no. 8.17.3 of section C of the invitation for EOI: Fibre Optic sensor based temperature monitor system – requirement to be specified	Fiber Optic sensor based temperature monitor system shall be provided as per IEC-60076-2

13	Ref clause no. 10.1 of section C of the invitation for EOI: Tests for Main Equipment: Requirement of accreditation	The clause shall be read as “All routine, acceptance, type and all special tests brought out in the relevant IEC/IS standards shall be carried out on the equipment to be supplied to the Purchaser. The laboratory shall be an accredited one as per international standards. This includes carrying out of short circuit test on the transformer to be supplied to the Purchaser at an accredited laboratory.”
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