

BHARAT HEAVY ELECTRICALS LIMITED - PEM NOIDA
NATURAL DRAUGHT COOLING TOWERS FOR TSGENCO 1 x 800 MW KOTHAGUDEM TPS, UNIT-12
AT KOTHAGUDEM, TELANGANA, INDIA
PRE-BID CLARIFICATIONS

S.No.	Reference	Description	Query	Clarification	
	Section				CL No
1	Vol IIB; Section DI1; Datasheet - A	Handrail	We propose GI pipe handrails.	Follow specification	
2	Vol IIB; Section DI1; Datasheet - A	Sludge outlet pipe	We propose flexible hose pipe for sludge discharge.	Follow specification	
3	Vol IIB; Section DI1; Datasheet - A	Exterior painting for burried pipe	Please clarify whether buried pipes within our scope will involve wrapping / coating or pipe encasement will be required for the same.	Specification is clear	
4	Vol IIB; Section DI1; Datasheet - A	Testing instruments	Instruments required for performance testing of cooling tower will remain testing agency's own property. Same will be taken back by the testing agency after successful completion of performance test at site.	Special instruments brought by testing agency may be taken back.	
5	Vol IIB; Section DI1; Annexure 2 to Datasheet A		In the NDCCT plan drawing, no annexure no. is mentioned and in the water quality analysis it is mentioned as annexure-II. However, elsewhere in the tender documents the plot plan is referred as annexure-2 and water analysis as annexure-3. Pleaseae clarify this contradiction.	No contradiction observed in specification.	
6	Vol IIB; Section DI1; Annexure to Datasheet A	Plot Plan drawing	Elevation of Hot water pipe at terminal point	Pleaseae confirm the elevation of the hot water header pipe at terminal point (as shown in the tender drawing) w.r.t. FGL .	Center line elevation of hot water pipe at BHEL-TP w.r.t FGL shall be RL+97.9M.

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7	Vol IIB; Section C3	Clause no. 3.01.01	BHEL/owner does not take any responsibility about the accuracy and applicability of the geo-technical data furnished herewith.	Geotechnical investigation report and foundation system has been furnished by BHEL along with technical specification. We are sure that BHEL must have taken full care to get a reliable geo-technical investigation carried out. It is expected that BHEL will take full responsibility for the correctness of the geo-technical investigation report.	Not accepted Work shall be as per specifications.
8	Vol IIB; Section C3; Annexure-A	Clause 2.0 & 3.0	Hot Water Inlet temperature, Cooling range, Recirculation allowance	Design parameters mentioned are not matching with the values given in Datasheet A; Section D1; Vol IIB. Please confirm which data to be considered for cooling tower design.	No mismatch observed in specification.
9	Vol IIB; Section C4	Mandatory Spares	Mandatory Spare list (Control & Instrumentation)	There are 2 lists of mandatory spares for C&I. One in the referred section and another in Annexure-4 to section-D1; Vol-IIB. Please confirm which list to be considered.	Follow Annexure-4 to Datasheet-A in Section-D1
10	Vol IIB; Section D; Part A	Clause # 8.2.1	Zinc Chromate primer inside pipe surface.	This is in contradiction with the stipulation for painting furnished in clause no. 9.1; Datasheet-A; Section D1; Vol-IIB, wherein primer is specified as epoxy resin based red oxide primer. Please clarify.	Follow Datasheet-A
11	TECHNICAL PRE – QUALIFYING REQUIREMENTS (PQR)	Clause # 2.bindicating salient features like year of commissioning of NDCCT, rating of project, Duty parameters (Flow, range), project name etc.,.....	In case all the mentioned requirements are not available in the performance certificate issued by the owner for a particular project, we shall be allowed to prove balance requirements by furnishing other project documents like specification, GA drawings, datasheets, etc.	Follow specification

PRE-BID CLARIFICATIONS

S.No.	Reference		Description	Query	Clarification
	Section	Cl. No			
12			PVC	Please confirm whether PVC is applicable for this tender.	Prices shall remain firm.
13	GCC	Clause # 10	Recovery of outstanding amount	Stipulation regarding recovery of outstanding payment for one contract from payment due for another contract is not acceptable.	As per GCC Rev-06
14	GCC	Clause # 16.2.2	Purchaser reserves the right.....at the discretion of the Purchaser.	In case of any such happening, any decision taken by Purchaser should be based on mutual agreement between Purchaser and Contractor..	As per GCC Rev-06
15	GCC	Clause # 29.3	Force majeure	Thus paragraph is not acceptable.	As per GCC Rev-06
16	GCC	Clause # 32.0	Arbitration	This should be by joint arbitration method only.	As per GCC Rev-06
17	GCC / Annexure IV	Contract Performance Bank Guarantee	Paragraph 3)	This needs modification to mutually satisfy both Purchaser and Contractor.	Contract Performance Bank Guarantee (CPBG) should be in favour of BHEL- PSSR in place of PEM. Vendors will be required to submit CPBGs to executing agency i.e. BHEL- PSSR.