

4 x 270 MW TSGENCO, BHADRADRI CHP - Ventilation Package - against BHEL enquiry No. 77/19/6079/ASR, dtd. 23.09.2019

Sl. No.	Reference (From Specification)	Vendor Pre-Bid Queries	BHEL Clarifications Dtd: 10/10/2019
1	Pg.no. 7 of 27 (Doc no.:IS-1-14-2007/CHP/Ventilation(R))	GI Duct GSM Mentioned as 180. But Market availability is 275 GSM Only. Kindly accept the same	Noted. Subject to acceptance by Customer during detail Engineering.
2		Exposed portion of Duct should be Thermally insulated. Whether Required for UAF Duct only or Dry Type tunnel duct also.	Ducts exposed to Atmosphere shall be thermally Insulated.
3	Volume IIID – Ventilation system 6.02.05	RPM of axial flow fans shall be restricted within 1000 to reduce their noise level. But as per sizing calculation, Higher capacity and lesser pressure combination only available and same can be achieved in 1500 rpm only. Kindly send your acceptance for 1500RPM or Split the capacity in to smaller.	Shall be finalized during detail engineering in consultation with End Customer.
4	EPC bid document (e-PCT/TS/K/02/2014-15) Volume-IIID/S-2, Cl. no. 3.01.05, page 10	Spray nozzle shall be made of SS and self cleaning type. However, you may please note that we have considered polypropylene nozzle instead of SS as per standard engineering practice ,Please confirm.	Bidder to Follow NIT.
5	EPC bid document (e-PCT/TS/K/02/2014-15) Volume-IIID/S-2, Cl. no. 3.01.06, page 11	All supply & exhaust air grille shall be made of GI instead of MS sheet. Please confirm.	Bidder to Follow NIT.
6	EPC bid document (e-PCT/TS/K/02/2014-15) Volume-IIID/S-2, Cl. no. 3.01.06, page 11	GI sheet shall be 120GSM as per IS:277 instead of 180 Grade as the same is not available in the market. Please confirm	As per spec, 180 gsm is minimum requirement. Bidder to consider higher gsm in case of non-availability
7	EPC bid document (e-PCT/TS/K/02/2014-15) Volume-IIID/S-2, Cl. no. 6.02.18, page 20	Centrifugal & axial Fan casing & Impeller thickness not mentioned. Please provide us the same.	Fan Capacity are already provided, bidder to select thickness as per design requirement. However shall be subjected to acceptance by customer during detail Engineering.
8	DBR (Doc. no. IS-4-DC-691-110-M152, R-1)	It is mentioned that Track hopper size shall be 380m(L)x12m(W)x13.4m(H) but as per GA of Track hopper drg. no.IS-1-GA-691-103-M025, R-4 it is mentioned that Track hopper size shall be 342m(L)x12m(W)x9.260m(H) please clarify.	DBR Dimensions are Correct. Bidder to Follow the same.
9	DBR (Doc. no. IS-4-DC-691-110-M152, R-1) Page no. 18 of 35	It is mentioned that Conveyor BCN-3A/3B size shall be 180m(L)x7.3m(W)x3.5m(H) but as per GA of load data of BCN-3A/3B drg. no.IS-1-GA-691-101-M010, R-3 it is mentioned that conveyor BCN-3A/3B size shall be 142m(L)x7.3m(W)x3.5m(H) please clarify.	DBR Dimensions are Correct. Bidder to Follow the same.
10	-	We have considered UAF casing thickness 3.15mm & Tank thickness 5mm as the same is not mentioned in the specification. Please confirm.	Subject to acceptance by Customer during detail Engineering.
11	-	BHEL to confirm that the Fan capacity, static pressure, power, efficiency which has indicated in the DBR (Doc. no. IS-4-DC-691-110-M152, R-1) tentative only it may change during detail engineering.	Bidder to note that fan capacities and static pressure parameters mentioned in DBR are minimum requirements. Power & efficiency are to be finalized by bidder based on fan manufacturer's data.
12	-	We have considered HDPE filter efficiency is 90% down to 5 micron for UAF unit instead of stainless steel mesh filter Please confirm.	Bidder to Follow NIT.