

Clarifications regarding HVAC System for Surgical Block at AIIMS, New Delhi..			
S. No.	Reference	Bidders Query	Annexure-III Clarifications
1	BOQ Item No.1.1	a) Regarding Blue Star make ARI Certified chillers b) Heat Exchanger of chiller namely condenser and cooler shall be designed and tested as per country of origin i.e. G.B. code for chillers from China. c) Refrigerant side design pressure shall be 225 PSIG for evaporator, test pressure shall be 1.5 times of 225 PSIG. d) Refrigerant side design pressure shall be 225 PSIG for condenser and not 235 PSIG. e) The starting current shall be 2.5 times of running currents and not 2 times as per NIT.	Approved makes for chiller shall be as per Tender document The specifications shall be as per tender document.
2	BOQ Item No.2.4	Hot water Pump Type	Shall be as per tender document.
3	BOQ Item No. 5.1 & 5.2	a) Air Handling Unit- we have not included any kind of foundation and supporting arrangement for the same. b) Outer casing of AHU shall be 0.8 mm thk GSS and not CRC c) AHU fan motor shall be VFD compatible but without VFD. d) With backward curved fans as per NIT, for the state duty parameters in the BOQ, fan RPM shall be more than 1000 RPM	Shall be as per tender document. Shall be as per tender document. Shall be as per tender document. Shall be as per tender document.
4	BOQ Item No.7	Precision cooling Split Airconditioner	The units shall be for precision type controls as per tender document
5	Boq item No.10.1	a) Tube Axial fan RPM 1440 in case of fire b) Diameter, RPM, Outlet velocity for axial, centrifugal fans as per selection software of manufactures. c) Noise Level from the AHU, Axial And centrifugal fan motor/fan shall be according to manufacturer's standards and the same will be taken care by providing acoustic insulation	Shall be as per tender document. Shall be as per tender document. Shall be as per tender document.
6	BOQ Item no.20.0	Ducting We will offer factory fabricated ducting as per standard. Ducting shall be fabricated from class VIII(120 GSM) galvanised steel sheet. Kindly quantify the fire rated ducting separately to enable us to quote the same. 275 GSM duct is not easily available.	Shall be as per tender document. Gauge for fire rated ducting shall be as per BOQ. Quantities shall be as per tender documents.
7	Boq Item No.22.0	Smoke sensor will not be part of HVAC .	Shall be as per tender document.

8	BOQ item No.24.1, 24.2	Square/Circular Diffuser	Shall be as per tender document.
9	BOQ item No.35	ACB and MCB shall be non draw out type	Shall be as per tender document.
10	BOQ Item No.40.0	Control Console Control wiring will be done in item no.39, we will not include the wiring with item no.40.0	Shall be as per tender document.
11	Specs AC page 99	Additional make approvals.	Shall be as per tender document.
12		Anti corrosive coating/ CED is not done by any manufacturer except Grundfoss please delete CED coating	Anti corrosive coating ,CED or any other as per manufacturers standard is mentioned as per BOQ item .
13		FCU ; - FCU drain pan shall be single skin 18 G GSS insulated with nitrile rubber. FCU fan motor shall be standard type and not IP55.	Shall be as per tender document.
14		VCD blade shall be 20 G	Shall be as per tender document.
15		Butterfly valve pressure rating	Shall be as per tender document.
16		Check Valve Plate	Shall be as per tender document.
17		Balancing valve upto 65 mm dia it shall be GM and 80 mm dia & above shall be cast Iron	Shall be as per tender document.