

AMENDMENT- III

PROJECT- “HVAC works for Drug Standardization Laboratories & refurbishment of Animal House upon existing building at Central Research Institute (H), Noida and their Maintenance during Defect Liability Period”.

Pre Bid Clarification Reply (HVAC Works)

S. No.	Document Reference	Tender Specifications	Query from Unique Engineers	Reply from HSCC
1.	BOQ ITEM NO 1.1	Water Chilling Unit (Air cooled Water Chilling units)	Kindly clarify the factory testing of Water Chilling Unit (Air cooled water chilling units). Also Clarify is it indigenous or imported chiller. Also clarify about the scope chiller foundation.	Shall be as per tender conditions.
2.	BOO ITEM NO 4 (K)	Air Handling Units	Kindly clarify the multicore armored cable of which core and also RMT of Cable of AHU.	6 core
3.	BOQ ITEM NO 5.1	Split Air conditioning INTER-CONNECTING REFRIGERANT PIPE, WIRING AND DRAIN PIPE HAS TO BE CONSIDERED WITH SPLIT AC.	PLEASE SPECIFY THE LENGTH OF REFRIGERANT PIPE, WIRING AND DRAIN PIPE. Kindly confirm the refrigerant (R-32 or R-22), for the of Split Air conditioning. Please note that as per manufacturer for Split Air conditioning 1.8 TR is available instead of 2 TR.	Shall be as per tender conditions.

4.	BOQ ITEM NO 6	INLINE FAN HAS TO BE SUPPLIED WITH STARTER AND CABLING	THERE IS NO NEED OF STARTER FOR THE INLINE FAN. KINDLY CLARIFY THE SAME. FURTHER, AS PER GENERAL HVAC INDUSTRIES PRACTICE WE ARE REQUESTING YOU TO PLEASE DESCOPE THE CABLING FROM HVAC CONTRACTOR OTHER WISE PLEASE SPECIFY THE LENGTH OF CABLE.	Shall be as per tender conditions.
5.	BOQ ITEM NO 7.1	Ventilation fans Tube axial flow	PLEASE SPECIFY THE efficiency of Motor and class of protection. Kindly approve the fan efficiency and Noise level and fan dia shall be as per manufacturer.	EFF-2, IP-55 Class F
6.	BOQ ITEM NO 9.1	Monsoon Reheating arrangement	Kindly clarify the multicore armored cable of which core and also RMT of Cable of AHU.	Shall be as per tender conditions.
7.	BOQ ITEM NO. 10	PRESSURISED PVC EXPANSION TANK	PRESSURISED EXPANSION SHALL BE CLOSED TYPE AND SHALL BE OF MS CONSTRUCTION. WE ARE RECOMMENDING YOU ANERGY MAKE EXPANSION TANK.	The tank is not pressurised, Shall be as per BOQ

8.	BOQ ITEM NO. 11	VRV/VRF System for laboratory area	PLEASE Note point no :-11.3.1-Ductable TFA Unit: 6.36 TR & 988 CFM Instead of 7 TR ,1000 CFM. 11.1.1 Outdoor unit please note cooling temperature operation range for ODU 5 to 49 deg.c. COP minimum 3.25 @100% load at ARI condition ,Sound Level Ductable max.44 DB(A) TFA: Max 48 DB(A), Kindly Compressor technology 100 % inverter type scroll compressors.	Shall be as per tender conditions.
9.	BOQ ITEM NO. 12	Insulated Chilled Water Piping	PLEASE CLARIFY THE as per specs for above 150 mm dia pipe 6 mm thick pipe required and as per boq for above 150 mm dia 6.35 mm pipe.	Shall be as per BOQ.
10.	BOQ ITEM NO. 15	Air distribution GSS DUCTING	PLEASE CLARIFY THE DUCTING HAS TO BE CONSIDERED ROUND TYPE OR RECTANGULAR TYPE AS THERE IS HUGE DIFFERENCE IN COST OF ROUND TYPE & RECTANGULAR TYPE.	Rectangular Duct.
11.	BOQ ITEM NO. 18	Air distribution GRILLS	PLEASE CLARIFY As per BOQ Aluminium VCD required and in TS MS VCD is given	Shall be as per BOQ.
12.	BOQ ITEM NO. 28	Control Console desk	PLEASE Provide LIST of Make for Control Console desk	As per Make List of Electrical panel/ AHU electrical panel.

13.	TENDER TECHNICAL SPECS CHILLER	CHILLER	COP/ IPLV/ EFFICIENCY SHALL BE AS PER BOQ SPECS ONLY.	Shall be as per tender conditions.
14.	SCC	SERVICE TAX, LABOUR CESS	PLEASE CLARIFY WE HAVE TO INCLUDE THE SERVICE TAX AND LABOUR CESS IN COSTING OR IT WILL BE EXCLUDED.	Sales Tax/VAT (except Service Tax), Building and other Construction Workers Welfare Cess or any other tax or Cess in respect of this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect. However, in respect of service tax, same shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-Charge after satisfying that it has been actually and genuinely paid by the contractor. (i)If pursuant to or under any law, notification or order any royalty, cess or the like becomes payable by the Government of India and does not any time become payable by the contractor to the State Government, Local authorities in respect of any material used by the contractor in the works, then in such a case, it shall be lawful to the Government of India and it will have the right and be entitled to recover the amount paid in the circumstances as aforesaid from dues of the contractor.(ii)ESI and EPF contributions in respect of this Contract shall be payable by the Contractor and any payment in respect of this shall be made by the Contractor only and

				Government shall not entertain any claim whatsoever in this respect. In case of any demand from the ESI or EPF authorities against the Contractor, the same shall be deducted from their bills/dues.
15.	SCC	ELECTRICITY & WATER SUPPLY	PLEASE CLARIFY WHETHER NECESSARY ELECTRICITY & WATER SUPPLY REQUIRED DURING PROJECT EXECUTION SHALL BE IN SCOPE OF HVAC CONTRACTOR OR IT SHALL BE AVAILABLE FREE OF COST.	ELECTRICITY & WATER SUPPLY REQUIRED DURING PROJECT EXECUTION SHALL BE IN SCOPE OF HVAC CONTRACTOR ON HIS OWN COST.

Other all the terms & conditions of tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC e-tender portal <http://www.tenderwizard.com/HSCC> as corrigendum/amendments etc, if any, will be notified on this e- tender portal only and separate advertisement will not be made for this.

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(S.C.Garg)

Chief General Manager (PG-II)