

Pre-Bid Queries Format				
Pre-Bid Queries against NIT No. CMC/BY/25-26/RS/SKS/SS/27 (SITC of VRF/VRV HVAC System)				
Name of Company :				
Clause No. of NIT	Technical / Commercial Qualification Criteria	Equipment Description	Pre-Bid Query details	Clarifications/Reply by BYPL
CMC/BY/25-26/RS/SKS/SS/27	QUALIFICATION CRITERIA		WE HAVE SECURED A 1732HP PROJECT IN FY 2024-25 AT OP JINDAL GLOBAL UNIVERSITY, SONIPAT ,AS OF TODAY WE CAN PROVIDE THE PO/WO COPIES BUT PERFORMANCE CERTIFICATE IS IN PROCESS.	No Deviation shall be accepted
1.05	Time Schedule	Last date of submission of tender	We request to extend the submissions date by one week.	Extended upto 17-12-2025
R2	Approved makes of equipment	Voltas not mentioned	We request to include Voltas as we are OEM. . So please include Voltas also.	Make as per NIT_27
BOQ SR No -1.3- Central Remote Controller		Quoted price shall be inclusive of all necessary cabling as required from ODU & IDUs to controller.	We have not considered any Control/ Communication cable rate in Central controller prices as Control/ Communication cable item rate is already given as a separate item in BOQ	Control/ Communication cable as required for integration of all VRV units with Centralized controller to be included in this item.
Control Cabling prices			We have not considered any drain pump rate in equipments prices as drain pump item rate is already given as a separate item in BOQ	Drain pump only for Hi-wall units to be quoted separately. For ductable & cassette units, drain pumps to be included in item rate in case required separately.
Canvas Connection			We have not considered any Canvas rates in equipments prices as Canvas Connection item rate is already given as a separate item in BOQ	Ok
BOQ SR No -1.7- VFD		Supply, Installation, Testing and Commissioning of variable frequency drives for following Air Handling Units. Variable frequency drives shall be provided with necessary sensors and transmitters complete with control wiring in all respect as required and as per specifications. VFDs shall have built-in harmonic filters. The drives shall be suitable for the following motor rating. VFDs shall be housed in precoated, vandal proof enclosure with On/Off Push Buttons, Phase indication lights, A/M Switch and with adequate provisions for ventilation using a fan. The VFDs shall be able to receive the signals from multiple/combination of duct static pressure sensors/Temp. sensors and to ramp the speed of the motor.VFDs shall be suitable to take feed back and connectivity from all the DPS as mentioned below against each motor rating to facilitate averaging activity by VFD. Quoted price shall be inclusive of return air temperature sensor and necessary electrical switches including change over switch & copper cabling for integration with the AHU panel. VFD shall be BMS compatible. VFDs shall be installed within Electrical panels as described under Section 'Electrical Works'. Overall protection of VFDs with Panels shall be IP-54.	Currently we have considered IP 20 VFD with standard harmonic THDI less than 30 % to 40% with C3 filter PID 2 as per OEM standards as it will be place inside the panel	Ok
Copper pipe & Insulation		Thickness of copper pipe is not mentioned in BOQ	Copper pipe & insulation thickness shall be as per LG recommendation. Request you to accept the same.	Make as per NIT_27
BOQ SR NO -2.1 - Copper pipe insulation		19mm/13mm thick closed cell elastomeric insulation with class 'O' fire retardant properties with IC Cladding in tubing form	Currently we have considered nitrile GC for expose copper piping only rest insulation shall be plain nitrile. Please confirm the same as IC Cladding is not mentioned in BOQ as it shall be for Complete copper piping OR for expose copper pipe only.	IC cladding required for complete piping.
Copper piping Support			All internal copper piping shall be supported with GI C Channel support with threaded rod and expose copper piping shall be with GI Covered cable tray. Request you to accept the same.	Ok
BOQ SR No-2.3- Drain pipe		Supply, Installation, Testing and Commissioning of cPVC pipes cut to required lengths and installed for condensate drain	We request you to accept PVC 10kg/cm2 pressure rating drain pipe instead of CPVC pipe as it is suitable to your requirement.	Not Acceptable
BOQ SR NO -3.1- Ducting			Currently we have considered Standard ducting thickness 24 G-0.6mm thick and 18G-1.2 mm thick as thickness is not mentioned in BOQ. Request you to accept the same.	Ok
BOQ SR NO - 3.11.2 & 3.11.3- Slot diffuser			We request you any kind of plenum shall be measured as per separate ducting rate given in BOQ.	Plenum is part of the item as specified.
BOQ SR No -3.14- Flexible duct		Supply, Installation, Testing and Balancing of flexible ducting comprising of inner as well as outer skin constructed out of aluminium & fibre glass insulation 25mm thick of minimum 24 kg/cu.m density insulation sandwiched in between	In BOQ 25mm thick with 24 kg/cu.m density is asked but currently OEM is giving 25 mm thick 16 kg/cu.m Request you to please accept the same.	Ok
BOQ SR No -3.17 & 3.22- VCD & Back Draft Damper		Supply, Installation and Testing of GI box type volume control dampers as per the specifications and shop drawings. - For Rectangular Ducts	We request you please accept 18 G frame & 20 G blade for VCD/ BDD as gauge is missing in BOQ. Please accept the same.	Ok
BOQ SR NO -3.2- Fire Damper			As mentioned in BOQ we have considered 120 Mint rating fire damper and it shall be CBRI certified as per OEM standards	120 mins Fire rated Damper with 450mm sleeve required.

BOQ SR NO - 4.2- Duct Nitrile Insulation		Supply and Application of external thermal insulation of supply /return air ducting using factory laminated aluminium foil faced closed cell elastomeric nitrile rubber insulation with class 'O' fire retardant properties as per the specifications and drawings. Cladding shall provide protection from mechanical impact, and Scratches etc. Both insulation & cladding should have built in antimicrobial protection. Adhesive - AC Duct King Eco Fresh	In BOQ Al foil faced Nitrile insulation is asked but also mentioned " <b>IC Cladding shall provide protection from mechanical impact" we understand it is Nitrile insulation with AL foil facing only. Request you to Please confirm the same.</b>	Aluminium foil faced insulation is required.
BOQ SR No -5.5 - Cabling			In BOQ cabling is asked with MS trays and 8 SWG copper earth wire. Kindly confirm can we consider 8SWG GI earthing wire instead of Copper Earthing.	Ok
		PSARA (PROVATE SECURITY AGENCIES REGULATION ACT) LICENCE FOR SECURITY AGENCIES	Kindly confirm this does is mandatory to us.	No Deviation shall be accepted
Civil Work.			General points. Any kind of civil work like Core cutting, Chiselling work, Burried pipe excavation & refelling work, Civil foundation, opening & closing of hole etc shall be in civil scope.	As per NIT_27
Scaffolding			Any kind of Scaffolding if required shall be [provided by client at free of cost basis.	As per NIT_27
Electricity			Electricity shall be provided by client at free of cost.	As per NIT_27
DLP			Currently we have considered 12 Month DLP period from handingover of the system.	As per NIT_27
ITEMS	Approved makes of equipment	Make already given	Additionally Requested Makes Which is widely accept in makcet and having good quality	
Propeller fan - Make missing		Make Missing	Requested make, Usha, Khaitan, Crompton CG	Make as per NIT_27
AHU , Fan Section units		Zeco/Edgetech	Waves Make	Make as per NIT_27
Inline Fan		Sphere Vent/ Tristar	Caryaire , Ostberg Make	Make as per NIT_27
Bio- polar Ionization make		Intelligreen/ GPS	Ultrapure Make, Magneto Make	Make as per NIT_27
Grill, diffuser, damper, louver, VCD, Fire damper Make		Tristar/ Servex /Dynacraft	Airflow Make	Make as per NIT_27
Fire Damper Make		Caryaire/ Tristar/Systemair	Same as Grill, Dissuer damper Make	Make as per NIT_27
VRV Make		Daikin/Mitsubishi Electric/Toshiba/ Ogeneral	LG Make	Make as per NIT_27
Elcrical Panel Make		Indiatech/ Tricolite/ Advance	E Fab Electrical panel, Conquerent Make	Make as per NIT_27
Copper pipe Make		Rajco/Mandev/Jindal/Maxflow	Hi-M Solutek Make	Make as per NIT_27
ANNEXURE – 2.05 , Point No 5, Delivery and completion Schedule		SITC of work timelines 4 months from award letter	As the work is going to be done is existing occupied building, Kindly share the schedule of availability of office space/Blockwise /Floorwise made available to HVAC vendor to do the installation work.	Schedule will be share after Job award.
Clause No 26 of NIT, Penalty for delay		If supply of items/equipments is delayed beyond the supply schedule as stipulated in the purchase order /work order then the Supplier shall be liable to pay to the Purchaser as penalty for delay, a sum of 1% (one percent) of the basic (ex-works) price for every week delay of undelivered units or part thereof for individual milestone deliveries.	Supply of Equipment or Material shall be linked for the Block or floor available for work. As the warranty of OEM is 15 months from supply so HVAC Vendor should be allowed to bring material only for the space/blockwise or floorwise made available for work.	Warranty shall be required as per NIT_27 only.
ANNEXURE – 2.05 , Point No 6, Defect Liability Period		5 years comprehensive warranty from successful handing over and taking over and operational run of VRF/VRV HVAC system. Comprehensive warranty should cover repair and replacement of all the defective items and its services during the entire period to make the system operational at desired parameters.	The Standard Warranty from VRV/VRF OEM is 15 months from supply or 12 months from commissioning whichever ends earlier. After standard warranty period client take CAMC or cost for CAMC for post warranty is shown separately in tender and amount for same will be paid on quarterly basis. Please check weather the cost of CAMC post standard warranty is included in estimate. As per our experience we can inform the CAMC cost is not included in the prices.	No Deviation shall be accepted
			If the Air-conditioning work need to be done floor wise or block wise, will the VRV/VRF Units which made operational, then warranty of those units will start immediately from there operational date or whole project will de handover jointly	No Deviation shall be accepted
ANNEXURE – 2.05 , Point No 2, Price Basis		a) Firm, FOR Delhi stores/ sites/ offices basis. Prices shall be inclusive of all taxes, freight upto Delhi stores/ sites/ offices. b) Unloading at stores/ sites/ offices shall be in vendor's scope. c) Transit insurance in Bidder scope.	As the VRV-VRF equipment are heavy units and need heavy equipment's for handling. In general, VRV-VRF Units supplied directly at site. In case you take material in your store, then transportation cost for movement of material from store will be bear by BSES or HVAC Vendor, Kindly clarify the same.	All Transporation Will be in Bidder scope only.
ANNEXURE – 2.05 , Point No 8, Price Basis		The successful bidder shall furnish the Contract Performance Bank Guarantee within fifteen (15) days from the Purchase Order Date for an amount of 10% (Ten percent) of the Total Contract value (both for Supply and Service). The Performance Bond shall be valid for a period of Sixty months (60) from the date of the commissioning or Sixty Six months (66) from the date of receipt of material (last consignment) at site/stores whichever is earlier plus 3	We request to consider an option of Performance bank Guarantee for execution work separate and CAMC period separate.	No Deviation shall be accepted

2.01, Technical Criteria	The Bidder (OEM or their authorized partner) should have atleast 5 years of experience in design, fabrication, supply, installation, testing, commissioning and execution of the VRF / VRV HVAC System.		Our Company is having 3 years' experience and Mr Deepak Garg- Operation Head Advance Air Solutions, have 20 years of experience in this field and work with VRV-VRF OEM's Daikin Airconditioning (I) Pvt Ltd, LG Electronics India Pvt Ltd and Bluestar Ltd., we request to consider us.	No Deviation shall be accepted
2.02, Commercial Criteria, Page no 4 of NIT	Bidder should have Average Annual Sales Turnover of INR 6 Crore or more in the last three (03) Financial Years (i.e. 2022-23 & 2023-24 and 2024-25).		In other Government department Like DDA, CPWD, PWD average annual turnover is 30% of estimated cost of the tender. Request you to kindly consider the same for making more bidder eligibel and more participation in tender.	No Deviation shall be accepted
1.05 (Time Schedule)		Last Date and time of receipt of complete bids	Extension required for 3-4 days more	Extended upto 17-12-2025
A (Equipment) page no 103		VRV / VRV units	Kindly approve Carrier brand	Make as per NIT_27
D (Electrical) page no 105		Electrical Panel	Kindly approve Risha Control panels make	No deviation acceptable in Make list
	Make Inclusion - Bluestar	VRF	Make Inclusion in tender - Bluestar	Make as per NIT_27
BOQ item- 1.1.1	COP Criteria should be define	VRF Outdoor	COP should be minimum 3.5 at AHRI condition	As per ASHRAE & ECBC
BOQ item- 1.1.1	No Deartion of Outdoor Unit at 43 deg C should be added in BOQ item -1	VRF Outdoor	All Outdoor should delivered 100% Capacity at 43Deg C without any Deration should be added in BOQ Item - 1 for better efficieny of ODU Capacity deliver in Summer	Quote as per current specifications
BOQ item- 1.1.1	For Heating criteria should be changed as machine required in Delhi Condition	VRF Outdoor	Heating -10degC to 15.5DegC	Quote as per current specifications
BOQ item- 1.1.2	Drain Pump should be required only for Cassette	VRF Indoor	In Hiwall & Cassette no inbult Drain pump are provided by OEM	Drain pump only for Hi-wall units to be quoted separatly. For ductable & cassette units, drain pumps to be included in item rate in case required separately.
BOQ item- 1.3	Central Remote Control should be as per OEM	Remote	Should mentioned in BOQ that Central Controller should as per OEM recommendation	Quote as per current specifications
BOQ	Additional Refrigerant Gas item need to add in BOQ	Gas	In VRF Top up of Gas required while doing commissioning so need to add Additional Refrigerant Gas Item	Price to be added in main Item
	VRV / VRF System	Only Japanees Brand in approved Make	Request to consider the other Brands of VRF system	Make as per NIT_27
	Make In India Promotion	As per Indian Govt we need to promote "Make In India" concept	As per current approved make only one brand is qualifying the Make In India concept. Need to consider other make in India VRF	Make as per NIT_27
1.05	Bid Submission date & time		Requesting to consider above points & extend the bid submission date from 03-12-2025 to 10-12-2025	Extended upto 17-12-2025