



FGM Office , Lucknow , 1st Floor,
New Building , Hazratganj,
Lucknow-226001

TENDER DOCUMENT

**AIR CONDITIONING SYSTEM ALONGWITH ASSOCIATED ACCESSORIES FOR INDIAN
BANK PREMISES AT FGM OFFICE, 1ST FLOOR, NEW BUILDING, HAZRATGANJ,
LUCKNOW-226001**

PART-II FINANCIAL BID

Ref.No: CO:EST:FGMO -03
Date : 21.03.2025

Name of the contractor:
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Last date of submission of tenders	02.04.2025 up to 15.00Hrs. at Indian Bank, FGM Office, Lucknow, 1 st Floor, New Building, Hazaratganj,Lucknow-226001
Date of opening Tender	02.04.2025 upto 15.30Hrs . at Indian Bank, , FGM Office, Lucknow, 1 st Floor,New Building, Hazaratganj,Lucknow-226001
Cost Of Tender	Free Of Cost.

This part of the tender should be submitted in a separate envelope and financial bid shall be quoted only in this form and no other form will be accepted.

This Tender document contains 07 pages

GENERAL TERMS & CONDITIONS

1	All items of work under this Contract shall be executed strictly to fulfill the requirements laid down under “Basis of Design” in the specifications. Type of equipment, material specification, methods of installation and testing and type of control shall be in accordance with the specifications, approved shop drawings and the relevant Indian Standards, however capacity of each component and their quantities shall be such as to fulfill the above mentioned requirement. The basis of the design to be submitted by contractor for approval by Bank
2	The rate for each item of work included in the Schedule of Quantities shall, unless expressly stated otherwise, include cost of:
	a. All materials, fixing materials, accessories, appliances tools, plants, equipment, transport, labour and incidentals required in preparation for and in the full and entire execution, testing, balancing, commissioning and completion of work called for in the item and as per Specifications and Drawings.
	b. Wastage on materials and labour.
	c. Loading, transporting, unloading, handling/double handling, hoisting to all levels, setting, fitting and fixing in position, protecting, disposal of debris and all other labour necessary in and for the full and entire execution and for the job in accordance with the contract documents, good practice and recognize principles.
	d. Liabilities, obligations and risks arising out of Conditions of Contract.
	e. All requirements of Specifications, whether such requirements are mentioned in the item or not. The Specifications and Drawings where available, are to be read as complimentary to and part of the Schedule of Quantities and any work called for in one shall be taken as required for all.
	B. Wastage on materials and labour.
	g. In the event of conflict between Schedule of Quantities and other documents including the Specifications and approved basis of design, the most stringent shall apply. The interpretation of the Bank shall be final and binding.
3	All equipment's, quantities and technical data indicated in this Schedule are for the Contractor's guidance only, This schedule must be read in conjunction with other documents and site conditions. The Contractor shall be paid for the actual quantity of work executed by him in accordance with the approved Shop Drawings & Basis of Design at the contract rates.
4	This Schedule shall be fully priced and the extensions and totals duly checked. The rates for all items shall be filled in INR including NIL items.
5	No alteration whatsoever is to be made to the text or quantities of this Schedule unless such alteration is authorised in writing by Services Consultant. Any such alterations, notes or additions shall, unless authorized in writing, be disregarded when tender documents are considered.
6	The Contractor shall procure and bring Materials/Equipment to the site only on the basis of drawings approved for construction and shop drawings /Basis of Design and not on the basis of Schedule of Quantities which are approximate only. This also applies to the Contractor's requisition for Owner supplied materials.

7	The unit rate for all local equipment or materials in Indian Rupees shall include cost of equipment and materials including all taxes and duties and also including forwarding, freight, insurance and transport into Contractor's store at site, storage, installation, testing, balancing, commissioning and other works required.
8	The Contractor /vendor free to make site visit to ascertain the existing air conditioning unit working conditions and other relevant site feasibility/feature
9	<p>One year (12 months) on site Comprehensive Warranty (DLP) for complete work from the date of acceptance by Bank.</p> <ul style="list-style-type: none"> • Down-time call attendance should be within 24 hours. • In case the Equipment / System remains non-operational for more than 7 days then warranty period will be extended for the equivalent period for which Equipment / System remained nonoperational. Warranty extension in such case shall be done without prejudice to any other Term & condition of the contract. <p>*The scope of works shall be involving for attending any no. of breakdowns and 4 Nos. of preventive maintenance services at every quarter per year for all the equipment's connected with the plant. The complaints shall be attended within 24 hours and periodical maintenance</p>
10	The total price including 1 year CMC (comprehensive maintenance contract after expiry of DLP/ Comprehensive Warranty) will be considered for evaluation of the lowest price

Signature & Seal of the Tenderer

Price Bid for Air-conditioning Work Station for FGM Office, Lucknow, 1stFloor, New Building, Hazaratganj,Lucknow-226001

S.No.	Description Of Equipment's / Materials	Unit	Qty.	Rate	Amount
	SECTION-1 (HVAC EQUIPMENT)				
A)	VRF AC EQUIPMENT				
1)	Variable Refrigerant Flow Air-conditioning System				
	Supply of Variable Refrigerant Flow modular type air conditioning system with complete with indoor and outdoor units, individual remote controller, interconnected refrigerant piping, full charge of refrigerant gas , control cabling etc. as per detail given in specifications and having following items. The prices to be given in Indian rupees including all taxes and duties and delivered at site. Refrigerant to be used shall be - R 410 A only.etc as per specification complete as required.				
1.1	Outdoor Unit				
	Supply of modular type outdoor units equipped with highly efficient scroll /twin Rotary inverter type compressors single module, low noise condenser fan, vibration isolator ,suitable MS painted stand, auto check function for connection error, Y joints, auto address setting and capacity as mentioned. The system shall be suitable to operate 50HZ AC power supply & shall comprises with multiples no's of inverter, digital scroll compression, air cooled condenser fan with motor, microprocessor and condenser fan motors along with internal control and power wiring, cooling coil with internally interconnected various capacity modules ,charging port and all other required accessories and hardware. the entire unit shall be with weather resistant powder coating paint for withstanding all ambient conditions for continuous outdoor operation. The quoted capacity of the outdoor units should be actual at ambient conditions. All interconnecting piping, Y -joints and U bends within the condensing unit shall be painted with special coating to protect against severe atmosphere conditions (like drain & Pollution area) of clear transparent polymer coating for protection against corrosion from ambient air.etc as per specification complete as required.				
	22 HP Outdoor Unit (cooling only) : (10 HP+12 HP)	Nos.	1		

1.2	Indoor Units				
	Supply of Indoor units complete with all necessary fittings and Refinet Jointes ,Wired Remote ,accessories ,drain pump, supports including cordless remote control, decorative outer grille panels as per specifications and drawings. If the specified indoor unit not available nearest above (+) 15 % or upto (-) 5% can be considered				
a)	0.83tr TR Cassette unit (Compact Type with Multiple flow/ 4 Way)- 1.0 HP	Nos.	5		
b)	1.28 TR Cassette unit (Compact Type with Multiple flow/ 4 Way)- 1.6 HP	Nos.	-		
f)	2.66TR Cassette unit (Round flow) 3.3 HP	Nos.	3		
h)	4.13 TR Cassette unit (Round flow)- 5.00 HP	Nos.	2		
	ITEMA :HVAC Equipments				
2)	LOWE SIDE WORKS				
2.1	Out door Unit				
	Installation ,Testing & Commissioning of Variable Refrigerant Flow modular type ODU air-conditioning system with complete with indoor and outdoor units, individual remote controller, interconnected refrigerant piping, full charge of refrigerant gas , control cabling etc. as per detail given in specifications and having following items. Refrigerant to be used shall be - R 410 A only.etc as per specification complete as required. (22 HP=10+12 HP) .The rate including fixing of ODU ans MS fabrication	Nos.	1		
2.2	Indoor Units				
	Instllation ,Testing &Commsioning of Indoor units complete with all necessary fittings and Refinet Jointes ,Wired Remote ,accessories ,drain pump, supports including cordless remote control, decorative outer grille panels as per specifications and drawings. If the specified indoor unit not available nearest above (+) 15 % or upto (-) 5% can be considered				
a)	0.83tr TR Cassette unit (Compact Type with Multiple flow/ 4 Way)- 1.0 HP	Nos.	3		
b)	1.28 TR Cassette unit (Compact Type with Multiple flow/ 4 Way)- 1.6 HP	Nos.	1		
c)	2.64 TR Cassette unit (Round flow) 3.3 HP	Nos.	3		
d)	4.13 TR Cassette unit (Round flow)- 5.00 HP	Nos.	2		
3.0	Y-joints For Indoor Unit				
	Supply ,Installation, Testing & Commissioning of Y-joints (Suction + Liquid = complete set) for Indoor Unit of sizes as required to suit various capacity of Indoor Unit as specified above etc as per specification complete as required.	Set	9		

4.0	Refrigerant Piping for VRV / VRF System				
	Supply & fixing of interconnecting copper refrigerant pipe work between Indoor Unit & outdoor units with full gas charged R-410 A. pipe shall be insulated with Nirile Rubber insulation with fire retardent grade GC faced and thickness as per pipe dia as mention below complete as per specifications as required. (suction /liquid line)				
A)	Suction line & Liquid Line				
a)	41.6 mm O.D. (Min. Wall Thickness - 1.21 mm)19mm thick insulation	Rmt.	-		
b)	34.9 mm O.D. (Min. Wall Thickness - 1.21 mm)19mm thick insulation	Rmt.	0		
c)	28.6 mm O.D. (Min. Wall Thickness - 0.99 mm)19mm thick insulation	Rmt.	15		
d)	25.4 mm O.D. (Min. Wall Thickness - 0.80 mm)19mm thick insulation	Rmt.	15		
e)	22.2 mm O.D. (Min. Wall Thickness - 0.80 mm)19mm thick insulation	Rmt.	15		
f)	19.1 mm O.D. (Min. Wall Thickness - 0.80 mm)19mm thick insulation	Rmt.	10		
g)	15.9 mm O.D. (Min. Wall Thickness - 0.80 mm)13mm thick insulation	Rmt.	35		
h)	12.7 mm O.D. (Min. Wall Thickness - 0.80 mm)13mm thick insulation	Rmt.	20		
l)	9.50 mm O.D. (Min. Wall Thickness - 0.80 mm) 13mm thick insulation	Rmt.	45		
J)	6.35 mm O.D. (Min. Wall Thickness - 0.80 mm) 13mm thick insulation	Rmt.	15		
5.0	Condensate Drain Piping				
	Supply, Installation, Testing and Commissioning of PVC drain piping , 15 Kg pressure rating complete with fittings, supports as per specifications and insulated with 9 mm thick Nirile Rubber insulation including with Chase cutting and repairing as per specifications and drawings complete as required. The rate including P/F of Hitech pipe support with required slop and conncting to the nearest drain line				
a)	20 mm dia pipe	Rmt.	10.00		
b)	25 mm dia pipe	Rmt.	20.00		
c)	32 mm dia pipe	Rmt.	40.00		
6.0	Control Cable				
	Supply, installation, testing and commisioning of control cum transmission wiring of 2 x 1.5 sqmm shielded copper wire in existing MS/PVC conduits between indoor and outdoor remote controller's	Rmt.	200		

7.0	Shifting of Existing Ac and installation of the same with servicing :Miscellaneous works				
	Dismantling of Existing Air-conditioning unit and reinstate in the same in 3rd floor of the premises including servicing ,copper piping ,communication cable ,stand . lifting etc for temporary functioning of the Office about 20 seating arrangement. The bidder is requested to visit and complete understand the scope of work prior to quote he price . The work should be completed within two days (Holiday) to avoid regular office hindrance. Bank will not pay any additional amount over & above quoted amount for temporary setup,	Nos	5		
SUMMARY					
SL: NO	HVAC WORKS (VRF/VRV)	Amount	GST(28% / 18%)		
A	Supply of HVAC Equipment's		28%		
1.1	Outdoor Unit				
1.2	Indoor Unit				
	ITEM A: HVAC Equipment's Sub Total (A)				
B	Installation of VRV Ac units and Ancillary works		18.00%		
1.0	Out door Unit				
2.0	Indoor Unit				
3.0	Installation of refnet				
4.0	Refrigerant Piping for VRV / VRF System				
5.0	Condensate Drain Piping				
6.0	Control Cable				
	ITEM B: Ancillary works Sub Total (B)				
7	Miscellaneous works				
	Grand Total Amount				

Total Amount in words: Rupees.....only

GST (taxes) will be extra

Place:

Signature & Seal of the Tenderer

Date: