

BANK OF BARODA
FACILITIES MANAGEMENT DEPARTMENT
1st Floor, Baroda Corporate Centre,
C-26, G-BLOCK, BANDRA KURLA COMPLEX,
BANDRA (EAST), MUMBAI-400051
NIT REFERENCE NUMBER: BOB/FM/109/PAC/12.06.2017

With reference to our NIT dated 12.06.2017 issued for “Supply, Installation, Testing & Commissioning of PAC System at 24th Floor, Server room, Gift One Tower, Gift City, Gandhinagar and subsequent pre-bid meeting held on 19.06.2017. Following modifications have been made:

Sr.	Clause	Tender Specifications	Revised tender specifications & Bank's Response
1.	Technical Specifications	<p>INDOOR UNIT DIMENSIONS</p> <p>HEIGHT : 2000 mm Width : 1010-1020 mm Depth : 920-940 mm</p> <p>INDOOR UNIT WEIGHT : 295 KGS</p> <p>OUTDOOR UNIT DIMENSIONS</p> <p>HEIGHT : 920-940 mm Width : 2350-2400 mm Depth : 365-380 mm</p> <p>OUTDOOR UNIT WEIGHT : 120-130 KGS</p>	<p>INDOOR UNIT DIMENSIONS:</p> <p>HEIGHT : 2000 mm (max.) Width : 1020 mm (max.) Depth : 940 mm (max.)</p> <p>INDOOR UNIT WEIGHT : 295-400 KGS</p> <p>OUTDOOR UNIT DIMENSIONS :</p> <p>HEIGHT : 920-1000 mm Width : 2350-2500 mm Depth : 365-600 mm</p> <p>OUTDOOR UNIT WEIGHT :120-180 KGS</p>

2	ANNEXURE F		Annexure F (Revised)
3	BILL OF QUANTITIES (Item No. C)	Extension Kit for copper pipe more than 30 meters – 4 Nos.	Extension Kit for copper pipe more than 30 meters – 3 Nos.
4	Delivery	The equipments should be delivered at site within 4 weeks from the date of purchase order.	The equipments should be delivered at site within 6 weeks from the date of purchase order.
5	Last Date & Time of submission of Bids		Last date of submission of bids extended upto 05.07.2017 @ 1500 hrs IST.

Note:

1. Bidders are advised to consider and confirm the above points while submitting the bids.
2. The above shall be complementary in contents with the existing terms and conditions of the tender except otherwise explicitly superseded. All other terms and conditions of the tender shall remain unchanged.
3. This Corrigendum – I shall form part of the tender i.e. contract agreement.
4. The bidders have to submit “Unconditional TENDER”. Conditional bids are liable to be rejected.

-sd/-

Date :- 27.06.2017

Place :- Mumbai

TECHNICAL DATA SHEET FOR CLOSED CONTROL UNITS

Make			
Quantity		Nos.	
Capacity	Cooling	TR	
	Actual Capacity at Site Condition	TR	
Capacity Control	Type	---	
	Minimum Capacity	%	
IPLV		Min 5.2	
NPLV		Min 4.1	
COP (At ARI condition)		Min 3.2	
IKW Consumption	100 % Load	kW	
	75 % Load	kW	
Casing	Colour	---	
	Material of Construction	---	
Dimensions	Unit	Length	
		Width	
		Height	
Weight	Unit	Kg	
	Operating	Kg	
	Shipping	Kg	
Air Heat Exchanger	Make	---	
	Type	---	
	Model	---	
	Tube Material	---	
	Tube Thickness	Mm	
	Tube Dia	mm	
	Tube Length	Meter	

	Type of Fins	---		
	No of Fins per inch	No.		
Fan	Make	---		
	Type	---		
	Model	---		
	Quantity	No.		
	Diameter	mm		
	Speed	Rpm		
	Nominal Air Flow	l/s		
	Motor Input	kW		
	Compressor	Make	Danfoss/ Copeland	
Quantity		Min 3		
Model		---		
Type		---		
No. of steps per unit		1		
Oil Charge		---		
Quantity		No		
High Pressure		---		
Low Pressure		---		
Capacity at operating conditions		TR		
Motor		Make	---	
		Model	---	
		Quantity	No	
		Speed	Rpm	
	Motor Input	kW		
Refrigerant Circuit	Refrigerant Type	---		
	Total Refrigerant Charge/Chiller including all circuits	Max 70kg		
	No of Circuits	1		
	Refrigerant Entering Temperature	°C		
	Refrigerant Leaving Temperature	°C		

Evaporator	Make	---		
	Type	---		
	Tube Material	---		
	Tube Thickness	Mm		
	Tube Dia	Mm		
	Tube Length	Mm		
	No of Passes	No		
Evaporator pressure drop		65-70 kPa		
Electronic Expansion Valve		Make		
Sound Level	Sound Power	Cooling	dB(A)	
	Sound Pressure	Cooling	dB(A)	
Piping Connections	Evaporator Water inlet/ outlet		mm	
Control Panel	Make	---		
	Model	---		
	Type	---		
	BMS Compatibility	---		
	MODBUS Details	---		
	Microprocessor	---		
	Display Unit (HMI)	---		
Power Required for Control Panels		---		
Power Supply for Unit	Phase	No		
	Frequency	Hz		
	Voltage	V		
	Voltage Tolerance	Minimum	%	
	Voltage Tolerance	Maximum	%	
	Maximum Starting Current		A	
	Nominal Running Current in Cooling		A	
	Maximum Running Current		A	
	Maximum Current for Wires Sizing		A	
Fans	Nominal Running Current in Cooling		A	

Compressor	Phase		No	
	Frequency		Hz	
	Voltage		V	
	Voltage Tolerance	Minimum	%	
		Maximum	%	
	Minimum Running Current		A	
	Starting Method		---	
Safety Devices	High discharge pressure (pressure switch)			
	High discharge pressure (pressure transducer)			
	Low suction pressure (pressure transducer)			
	Compressor motor protection			
	High discharge temperature (C)			
	Low oil pressure			
	Low pressure ratio			
	High oil filter pressure drop			
	Phase monitor			
	Water freeze protection controller			
	Water Flow Switch			