

REQUEST FOR PROPOSAL
OF
ANNUAL RATE CONTRACT
FOR
PROCUREMENT OF
AIR CONDITIONERS
ON PAN INDIA BASIS

INDIAN BANK
CORPORATE OFFICE
CHENNAI

COMMERCIAL BID

RFP NO. : Tender/01/Procurement/AC

Date: 18.01.2019

COMMERCIAL BID FOR WINDOW ACs

S. No	Item Description	Details	Amount in Rs. (Excl. GST)
1	Window Ac, 0.75 ton 3 Star	Exact Model No.	
		Precise cooling capacity (9000 (-5%+10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		BEE Star rating	
		Machine Cost	
		Stabilizer 4KVA cost (V-Guard, Microtek)	
2	Window Ac, 1 ton 3 Star	Exact Model No.	
		Precise cooling capacity (12000 (-5%+10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		BEE Star rating	
		Machine Cost	
		Stabilizer 4KVA cost (V-Guard, Microtek)	
3	Window Ac, 1.5 ton 3 Star	Exact Model No.	
		Precise cooling capacity (18000 (-5%+10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		BEE Star rating	
		Machine Cost	
		Stabilizer 5KVA cost (V-Guard, Microtek)	
4	Window Ac, 2 ton3 Star	Exact Model No.	
		Precise cooling capacity (24000 (-5%+10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		BEE Star rating	
		Machine Cost	
		Stabilizer 5KVA cost (V-Guard, Microtek)	
5	Buy back (with labour) of old window AC/Split AC, if certified by site Engineer/Bank Official (Buyback of old AC unit - shall be decided by the Bank's Official, if the same is not in working condition. Authorised dealer shall offer buyback of old AC unit irrespective of brand & type (window or split). Bank will provide GST sale invoice for the buyback value.)		

*Applicable GST will be paid extra.

Terms & Conditions:

- The machine cost shall include loading, unloading, transportation charges etc. Free delivery without any extra charges shall be made to our Branches and Offices all over India.
- Window AC installation will be free of cost
- The new AC will be covered under 1 year of comprehensive warranty from the date of installation. Fixed speed compressor warranty will be 5 Years from the date of installation
- AC machine coil must be copper made and fins can be Aluminium with rust proof coating
- Support bracket and packing around the WAC for fixing may also be quoted extra with specification as per site condition. The contractor/authorised Dealers shall obtain the prior approval for this work.

Place :

Date :

Signature :

Name :

Office Address :

Affix Rubber Stamp:

COMMERCIAL BID FOR SPLIT ACs

S. No	Item Description	Details	Amount in Rs. (Excl. GST)
1	Split AC, 1 ton	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (12000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		4KVA Stabilizer	
		Outdoor frame	
		Total cost (Excl. GST)	
2	Split Ac, 1.5 ton	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (18000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		4KVA Stabilizer	
		Outdoor frame	
		Total cost (Excl. GST)	
3	Split Ac, 2 ton	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (24000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		5KVA Stabilizer	
		Outdoor frame	
		Total cost (Excl. GST)	
4	Split Ac, 3 ton	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	

		Precise cooling capacity (36000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		Outdoor frame	
		Total cost (Excl. GST)	
5	Split AC (any odd capacity model if available)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity	
		BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		4KVA Stabilizer	
		Outdoor frame	
	Total cost (Excl. GST)		
6	Split Ac, 1 ton, Inverter, Max COP	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (12000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		4KVA Stabilizer	
		Outdoor frame	
	Total cost (Excl. GST)		
7	Split Ac, 1.5 ton, Inverter, Max COP	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (18000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
	Beyond 3 Mtr Drain pipe, Rates per Mtr.		

		4KVA Stabilizer	
		Outdoor frame	
		Total cost (Excl. GST)	
8	Split Ac, 2 ton, Inverter, Max COP	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (24000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Beyond 3 Mtr copper pipe, Rates per Mtr.	
		Beyond 3 Mtr Electrical Cable, Rates per Mtr.	
		Beyond 3 Mtr Drain pipe, Rates per Mtr.	
		5KVA Stabilizer	
		Outdoor frame	
		Total cost (Excl. GST)	
9	Buy back (with labour) (IDU, ODU, Stand, Copper, Drain, Cable, Stabilizer) if certified by site engineer/Bank Official (Buyback of old AC unit - shall be decided by the Bank's Official, if the same is not in working condition. Authorised dealer shall offer buyback of old AC unit irrespective of brand & type (window or split). Bank will provide GST sale invoice for the buyback value.)		

*Applicable GST will be paid extra.

Terms & Conditions:

- The machine cost shall include loading, unloading, transportation charges etc. Free delivery without any extra charges shall be made to our Branches and Offices all over India.
- BEE certified 3 star rating wall split unit as described above with cordless remote split type air conditioner unit each comprising of an outdoor unit and single hi wall mounted indoor unit with gas filling as required including mounting the indoor unit, making interconnections with refrigerant piping and control wiring, installation of ODU in cage / stand etc. Condenser unit shall be complete with hermetically sealed rotary compressor and air cooled condenser with fan evaporating units shall consist of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with aluminium fins, thermostatic expansion valve etc. the evaporating unit shall be equipped with synthetic fiber filter, insulated drain pan safety single phase units. Suitable for operation on 230 V, 50 Hz Single phase, A.C. power supply capable of performing; Cooling, Dehumidifying, Air Circulating & Filtering. The condenser fan and indoor unit blower fan should have copper winding.
- Supply and laying of copper refrigerant piping (liquid and gas) of size as per manufacturers specifications with 19/20 mm nitrile rubber insulation with all accessories such as bends, elbows, unions, etc., brazing/soldering, clamping/binding with suitable tie knots, providing insulation with suitable material as per latest industry standard etc.

- Agency shall make sure that machine cost should be inclusive of 3 running meter of Copper pipe, Electrical cable, and PVC Drain pipe. If manufacturer is not providing any free material agency should include that in machine cost. Any separate claim will not be considered. Electrical cable must be joint free and continuous.
- AC machine coil must be copper made and fins can be Aluminium with rust proof coating
- The new AC will be covered under 1 year comprehensive warranty from the date of installation. Fixed speed compressor warranty will be 5 Years and on Inverter compressor warranty will be 10 years from the date of installation.
- Copper pipe should be 20 gauge copper tube (combined for suction and liquid line) with Nitrile insulation 19/20 mm and adhesive tape with proper saddling works. Make: Kobe, Mandev, Met, Nissan, Rajco or approved during pre-bid.
- Electrical cable / communication cable with termination- Three/Four core cable 2.5sqmm copper stranded. Make: Havels, Finolex, KEI or as approved during pre-bid.
- UPVC Drain pipe (insulated) - Single unit 25mm, Two or more units 32mm/40mm with saddling, connectors, unions, T joint, L bend etc. Joints must be sealed with proper adhesive. Make - Prince, finolex or approved during pre-bid.
- Stabilizer - It recognizes the voltage fluctuations in the circuit and regulates it internally to deliver a consistent range of output voltage. If voltage is low; the stabilizer senses it, boosts it to the required level of voltage and then feeds to the connected AC to work without trouble. This happens vice versa in case of a high voltage that appears in the utility line. The overload protection feature turns off the stabilizer output completely in case of short circuit or any kind of burn-out due to overload occurs. Make - V-Guard, Microtek or approved during pre-bid.
- Bidder should ensure that Inverter AC should have stabilizer free operation.
- All the above AC units shall be filled with R-410A, R-32 or any other eco-friendly refrigerant. Refrigerant R-22 is not acceptable.
- Apart from the above, if any additional work is involved during the installation of new AC units, the contractors/Authorised dealer shall obtain the prior approval from Bank carrying out the same.
- Supply, fabrication and installation of MS base frame for indoor & outdoor units complete with epoxy painting, vibration isolation pads, supports, hangers, railing, brackets etc. For construction as approved by Bank. For fabricated MS frame- apply 2 coats of epoxy primer 2 coats of epoxy paint and finish painting as approved by Bank. Outdoor unit Stand to be made as per site conditions.

Place :

Signature :

Date :

Name :

Office Address :

Affix Rubber Stamp:

COMMERCIAL BID FOR CASSETTE ACs

S. No	Item Description	Details	Amount in Rs. (Excl. GST)
1	Cassette Ac, 1.0 ton (Max COP)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (12000 (-5%+10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Outdoor frame Cost	
		4KVA Stabilizer	
		Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
		4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
		UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
		Total cost (Excl. GST)	
2	Cassette Ac, 1.5 ton (Max COP)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (18000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Outdoor frame Cost	
		4KVA Stabilizer	
		Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
		4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
		UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
		Total cost (Excl. GST)	
3	Cassette Ac, 2.0 ton (Max COP)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (24000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Outdoor frame Cost	
		5KVA Stabilizer	
		Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
		4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
		UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
		Total cost (Excl. GST)	

4	Cassette Ac, 3.0 ton (Max COP)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (36000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Outdoor frame Cost	
		Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
		4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
		UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
		Total cost (Excl. GST)	
5	Cassette Ac, 4.0 ton (Max COP)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (48000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Outdoor frame Cost	
		Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
		4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
		UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
		Total cost (Excl. GST)	
6	Cassette Ac, 5.0 ton (Max COP)	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity (60000 (-5% +10%) BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	
		Installation & commissioning cost	
		Outdoor frame Cost	
		Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
		4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
		UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
		Total cost (Excl. GST)	
7	Cassette Ac, for any non standard capacity if available) with Max COP	Model number combined (if available)	
		Exact Model No. Indoor	
		Exact Model No. Outdoor	
		Precise cooling capacity	
		BTU/h	
		Power consumption (kW)	
		COP/EER (ratio of cooling to power)	
		Machine Cost	

	Installation & commissioning cost	
	Outdoor frame Cost	
	Copper pipe (20G- Soft/ 18G -Hard), Rates per Mtr.	
	4 Core & 4 sqmm copper Electrical Cable, Rates per Mtr.	
	UPVC Drain pipe, Rates per Mtr. (with brackets/clips)	
	Total cost (Excl. GST)	
8	Buy back (with labour) (IDU, ODU, Stand, Copper, Drain, Cable, Stabilizer) if certified by site engineer/Bank Official (Buyback of old AC unit - shall be decided by the Bank's Official, if the same is not in working condition. Authorised dealer shall offer buyback of old AC unit irrespective of brand & type (window or split). Bank will provide GST sale invoice for the buyback value.)	

*Applicable GST will be paid extra.

Terms & Conditions:

- The machine cost shall include loading, unloading, transportation charges etc. Free delivery without any extra charges shall be made to our Branches and Offices all over India.
- Cassette AC shall be suitable for operation on single phase 50 Hz 220-240 Volt supply
- Rust free cabinet
- LCD display to indicate temperature setting
- Wireless remote control
- Hermetically sealed rotary / scroll compressor with 5 years warranty from the date of installation.
- Auto air swing louvers
- Capable of performing Cooling, Dehumidifying, Air Circulating & Filtering.
- CFM Rating: 500 CFM or higher
- Drain pan for collecting condensate with drain pan safety.
- Integral Drain pump kit capable of pumping up to height of 3 meters or higher
- Condenser unit shall be complete with hermetically sealed rotary compressor and air cooled condenser
- Fan evaporating units shall consist of a fan section with dynamically balanced centrifugal fan driven by FHP motor, multi row deep cooling coil of copper tube with aluminium fins with rust proof coating, thermostatic expansion valve etc
- Indoor / Out Door unit installation height difference: 4 meters or higher (scaffolding charges to be paid extra with the prior approval from bank's officials).
- Cage mounted outdoor unit. Cage should be lockable with provisions for padlock and capable of preventing ingress of fingers/rodents.
- Supply and laying of copper refrigerant piping (liquid and gas) of size as per manufacturers specifications with 19/20 mm nitrile rubber insulation with all accessories such as bends, elbows, unions, etc., brazing/soldering,

clamping/binding with suitable tie knots, providing insulation with suitable material as per latest industry standard etc. with casing capping of suitable size.

- The new AC will cover under 1 year comprehensive warranty from the date of installation and commissioning. Fixed speed compressor warranty will be 5 Years from the date of commissioning.
- Copper pipe shall be provided as per the capacity of the machine (Soft/Hard). 20 gauge - soft & 18 gauge - Hard copper tube (combined for suction and liquid line) with insulation as recommended by AC Manufacturer. The copper pipes should be well insulated with nitrile rubber insulation and adhesive tape with proper saddling work. Make : Kobe, Mandev, Met, Nissan, Rajco or approved during pre-bid.
- Electrical cable / communication cable with termination- Three/Four core cable 4.0 sqmm copper stranded. Make: Havels, Finolex, KEI or approved during pre-bid.
- UPVC Drain pipe (insulated) - 2TR- 25mm, 2.5 to 5 TR 32mm, UPVC pipe for drain pipe, with saddling, connectors, unions, T joint, L bend etc. Joints must be sealed with proper adhesive. Make - Prince, finolex or approved during pre-bid.
- The all above AC units shall be charged up with R-410A, R-32 or any other eco-friendly refrigerant. Refrigerant R-22 is not acceptable.
- Apart from the above, if any additional work is involved during the installation of new AC units, the contractors/Authorised dealer shall obtain the prior approval from Bank for carrying out the same.
- Supply, fabrication and installation of MS base frame for indoor & outdoor units complete with epoxy painting, vibration isolation pads, supports, hangers, railing, brackets etc. For construction as approved by Bank. Apply 2 coats of epoxy primer 2 coats of epoxy paint and finish painting as approved by Bank. Outdoor unit Stand to be made as per site conditions.

Place :

Date :

Signature :

Name :

Office Address :

Affix Rubber Stamp:

COMMERCIAL BID FOR COMPREHENSIVE ANNUAL MAINTENANCE CONTRACT FOR AC UNITS AT OUR Branches/Offices all over India

Description	Rate per Ton (Excl. GST)
Comprehensive Annual Maintenance Contract for AC units at our Branches/Offices all over India	Amount in figure Rs. _____
	Amount in Words _____

*Applicable GST will be paid extra.

Terms & Conditions of AMC Contract:

- The air- conditioners shall be taken over for AMC contract on “as is where is” installed basis. The AMC of newly purchased ACs shall be considered/given in AMC only after expiry of warranty period.
- The AMC contractor shall ensure that all air conditioners/water coolers are in proper working conditions throughout the contract period.
- AMC rates shall be applicable for 1 year. During this period, our Branches/Offices can award the AMC as per the rates fixed at Corporate level and can be extended for further period on mutual consent on the same rates, terms and conditions.
- The scope and nature of services to be provided by the contractor shall include scheduled preventive maintenance services which also cover periodic and break down servicing, along with replacement of defective spare parts, including compressor, refrigerant and other consumables, if required during the contract period.
- Periodical preventive servicing has to be carried out once in three months for all the Air conditioners covered under AMC. During the quarterly servicing, the contractor should water wash/chemical wash the AC unit including water washing of filter, drain tray and pipe cleaning, Evaporator brush cleaning, oiling/greasing of all Fans, checking of current consumption, checking of output performance, testing of Gas pressure if necessary, water washing of Condenser Coil, etc. AMC Contractor to attend/arrange to attend any number of break down calls during AMC contract period.
- During the period of this maintenance contract if we dispose of any of the AC unit covered under AMC, the AMC amount will be reduced proportionately. The payment will be made for actual numbers of units maintained during the AMC period.

- The contractor shall be replacing spare parts and materials free of charge which get defective during the AMC period. However, this excludes replacement of cage, grills and knobs etc. of air conditioners.
- Replacement/rectification of compressors during the period of this AMC shall be done by the contractor at their own cost.
- The charging of refrigerant gas in air conditioners during the period of this AMC shall be done by the contractor at his own cost.
- Selected bidders have to inform their authorised dealers across the country that AMC of existing ACs irrespective of brand installed in the branch has to be taken by them along with new AC installation, when the branch/office approaches them.
- The AMC rate of existing AC units shall be quoted per TR basis.
- The condition of old AC units shall be ascertained by the authorised dealer of selected bidders. If any repair needs to be done before taking up AMC, the same shall be done at extra cost after getting the approval of Bank/Branch official.
- Other terms & conditions of AMC mentioned in the **“CONDITIONS OF CONTRACT”** of the Tender.

Place :

Date :

Signature :

Name :

Office Address :

Affix Rubber Stamp: