

**INDIAN BANK,
CORPORATE OFFICE, ESTATE DEPARTMENT
No. 254 - 260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.
Ph: 044-28134401/4308, Fax: 044-28134021
Email: hoestate@indianbank.co.in**

**PRICE BID
(PART – 2)**

Tender document for Air-Conditioning works for Indian Bank's proposed Inspection Centre and Staff Training Centre at 3rd Floor, Jenny Plaza, 5-F, Bharathiyar Salai, Cantonment, Trichy – 620 001

ISSUED TO

M/s. _____

CONSULTANT / ARCHITECT

M/s. SRISHTI, Chennai

This document contains 10 pages

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Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
	STAFF TRAINING CENTRE				
A	CASSETTE TYPE AIR-CONDITIONERS				
1	Supply, of ceiling mountable cassette type air conditioning units complete as under: - Indoor unit comprising cooling coil, evaporator fan with motor, filters, insulated drain pan, pump etc. - Outdoor Unit Comprising hermetic scroll compressor condenser coil with fan & motor, Starters / controls / cutouts/ relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick duly treated for corrosion protections.				
a	2.0 Tr. Cassette type air-conditioners	4.00	Set		
2	Supply of the following high wall mountable split air-conditioner unit with remote control, along with 2.5 mtrs copper piping as available in the standard kit. Copper piping and wiring will be measured from 2.5 mtrs onwards separately and paid for. (5 STAR RATING)				
a	1.5 Tr High wall mount split air-conditioners	6.00	Set		
b	1.0 Tr. High wall mount split air-conditioners	2.00	Set		
B	INSTALLATION, GAS CHARGING, PRESSURE TESTING & COMMISSIONING				
1	Lead, Lifting, Positioning of indoor and outdoor units with necessary supports, hard wares, rubber pads, Pressure testing, Commissioning etc., complete.				
	4.0 TR / 2.0 Tr Casstette units	4.00	No.s		
	2.0 Tr/ 1.5 Tr/ 1.0 Tr Split units	8.00	No.s		
C	REFRIGERANT PIPING AND CONTROL CABLING				

SI.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
a	CASSETTE UNITS				
1	Hard/ Soft drawn refrigerant piping for suction and liquid line and control cables in between indoor and outdoor units including nitrile rubber insulation from 0.00 metre onwards, sizes as specified by the manufacturer.	60.00	Mtr		
b	SPLIT UNITS				
1	Soft drawn refrigerant piping for suction and liquid line and control cables in between indoor and outdoor units including nitrile rubber insulation apart from 3.00 Metre (as supplied from the OEM along with equipment) onwards, sizes as specified by the manufacturer.	130.00	Mtr		
D	SITC of wall mountable voltage stabilizers of reputed make for air-conditioners.				
a	5 KVA	10.00	No.s		
b	4 KVA	2.00	No.s		
E	Manufacturing and fixing in position of cat walk for the a/c outdoor units using mild steel structural work using angles flats, square bars as needed including hand/ guard rail with CR tubular sections etc., including civil work as and where needed for fixing on to the outer side of the existing wall including two coats of enamel paint over a coat of metal primer. The cost shall also include putting up supports for the frame work, scaffolding and disposing including all debris after the installation of the structural work.	750.00	Kgs		
F	DRAIN PIPE WORKS				
1	SFTC of 25 MM 15 Kg/Rm. PVC drain Piping with suitable specials for all the units including taking the drain pipes upto ground level with proper clamps at intervals as directed by the consultant / Bank officials	160.00	Mtr		
G	CIVIL WORKS & FRESH AIR ARRANGEMENTS				

Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	Civil works like making and dressing of holes required to run our refrigerant piping and cabling in between indoor and outdoor units Units. (all the units)	1.00	Job		
H	TOILER VENTILATION SYSTEM				
	VENTILATION SYSTEM				
1	Supply, installation, testing and commissioning of single phase 400 CFM fan with 40mm static pr. for toilet ventilation system.	2.00	Set		
2	Supply, installation, testing and commissioning of 400 CFM fan with 10 - 15 mm static pr. for toilet ventilation system. (QRO)		Set		
3	Fabricating, fixing testing commissioning of 24G GI ducts as required for ventilation system, including 6mm full threaded suspenders, Ms. Angles for supports etc., complete.	40.00	Sft		
4	Fabricating, fixing testing commissioning of 6" x 6" aluminium powder coated grill onto the ceiling at toilets including all hardwares etc., complete.	14.00	Nos		
5	Provisional charges for wiring of fans from the nearest point provided by the electrical contractor including all incidental materials, hardware, etc., complete.	1.00	Job		
	Subtotal (STC)----- (i)				
	Add GST @ % ----- (a)				
	TOTAL (STC)----- (I)				
	INSPECTION CENTRE				
	AIR-CONDITIONING WORKS				
A	CASSETTE TYPE AIR-CONDITIONERS				

Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	Supply of Cassette type air-conditioning units complete as under: - Indoor unit comprising cooling coil, evaporator fan with motor, filters, insulated drain pan etc. - Outdoor Unit Comprising hermetic scroll compressor condenser coil with fan & motor, Starters / controls / cotouts/ relays etc., mounted inside a powder coated sheet metal cabinet of 2mm thick duly treated for corrosion protections. Ceiling Mounted 4.0 Tr cassette unit with scroll compressor.	1.00	Set		
B	INSTALLATION, GAS CHARGING, PRESSURE TESTING & COMMISSIONING				
1	Leading, Lifting, Positioning of indoor and outdoor units with necessary supports, hardwares, and rubber pads, Pressure testing, Commissioning etc., complete.				
	4.0 TR Ceiling Mounted Cassette Unit	1.00	Job		
2	Supply of the following high wall mountable split air-conditioner unit with remote control. Copper piping and wiring will be measured separately and paid for.(5 STAR RATING ONLY)				
a	2.0 Tr split unit	2.00	Set		
C	REFRIGERANT PIPING AND CONTROL CABLING				
a	CASSETTE UNITS				
1	Hard/ Soft drawn refrigerant piping for suction and liquid line and control cables in between indoor and outdoor units including nitrile rubber insulation from 0.00 metre onwards, sizes as specified by the manufacturer.	30.00	Mtr		
b	SPLIT UNITS				

Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
1	Soft drawn refrigerant piping for suction and liquid line and control cables in between indoor and outdoor units including nitrile rubber insulation apart from 3.00 Metre (as supplied from the OEM along with equipment) onwards, sizes as specified by the manufacturer.	20.00	Mtr		
D	SITC of wall mountable voltage stabilizers of reputed make for air-conditioners.				
a	5 KVA	2.00	No.s		
E	Manufacturing and fixing in position of cat walk for the a/c outdoor units using mild steel structural work using angles flats, square bars as needed including hand/ guard rail etc., including civil work as and where needed for fixing on to the outer side of the existing wall including two or more coats of enamel paint over a coat of metal primer. The cost shall also include putting up supports for the frame work, scaffolding and disposing after the installation of the structural work.	240.00	Kgs		
F	DRAIN PIPE WORKS				
1	SFTC of 25 MM 15 Kg/Rm. PVC drain Piping with suitable specials for all the units including taking the drain pipes upto ground level with proper clamps at intervals as directed by the consultant / Bank officials	30.00	Mtr		
G	CIVIL WORKS & FRESH AIR ARRANGEMENTS				
1	Civil works like making and dressing of holes required to run our refrigerant piping and cabling in between indoor and outdoor units Units. (all the units)	1.00	Job		
	Subtotal (IC)----- (ii)				
	Add GST @% ----- (b)				
	Total (IC)----- (II)				

Sl.No	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
	GRAND SUMMARY (STAFF TRAINING CENTRE + INSPECTION CENTRE)				
	AIR-CONDITIONING WORKS – (STC+IC) (iii) = (i+ii)				
	GST (c) = (a) + (b)				
	TOTAL AIR-CONDITIONING – (STC+IC) (III) = (I+II)				

Note: (QRO) – Quoted Rate Only is an optional item and will not be considered for evaluation purpose in arriving lowest bid.

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