



**PONDICHERY UNIVERSITY
ELECTRICAL WING
PUDUCHERRY - 14**

Price Bid

- Name of work** : Replacement of 5.5 ton condensing units for Library AC plants at University Campus.
- Date and Time of Submission** : 09/11/2017
Time: 03.00 pm
- Date of Opening of Price Bid** : Will be intimated later
- Venue** : EC HALL, University Campus

REGISTRAR

**PONDICHERRY UNIVERSITY
PUDUCHERRY**

**TENDER DOCUMENT
FOR**

**Replacement of 5.5 ton condensing units for Library AC plants at University
Campus.**

PRICE BID

BILL OF QUANTITIES

Notice inviting tender, conditions of contract, additional specifications, general conditions of contract etc., are available under technical bid.

10.0 SCHEDULES

SCHEDULE – ‘A’



**PONDICHERY UNIVERSITY
ELECTRICAL WING
TENDER DOCUMENT FOR**

Replacement of 5.5 ton condensing units for Library AC plants at University Campus.

BILL OF QUANTITIES

S.No	Description of Item	Unit	Qty	Rate	Amount
1	<p>Supplying , installation, testing and commissioning of floor mounted made with CRCA/GI sheet powder coated 5.5 ton capacity condensing unit housed in single fabrication by undertaking on buy back of existing 5.5 ton ETA make condensing unit comprising of the following :</p> <p>a) Scroll / reciprocating/rotary type hermetically sealed compressors suitable for operation with R-22 refrigerant on 380-420 volts, 3 phase, 50Hz alternate supply with internal over load protection.</p> <p>b) Air-cooled condenser powder coated with inner grooved copper tubes, hydraulically bonded to corrugated, slit aluminium anti corrosion coated blue fins, propeller type fan and suitable motor, necessary valves, base supports, rubber pads and base for outdoor use.</p> <p>c) Supply and charging of required quantity of refrigerant 22 and compressor oil, brazing, leak testing, vaccumizing the entire system, pressure testing with nitrogen gas as required.</p> <p>d) Connecting refrigerant circuits both suction & discharge sides, control cable, earthing etc., to connect with the existing indoor unit . Make: Carrier/ETA/LG/Blue Star/Voltas/Panasonic</p>	Each	6		0

2	Supply and brazing of Hard drawn copper piping of suitable size with suitable nitrile rubber insulation of 10 mm thick connecting with existing refrigerant circuits between indoor and outdoor unit (Both suction and discharge line will be taken as single unit for measurement purpose).	Rmt	18		
3	Supplying, installation of fire retardant canvas caller in the existing damper connect the AC plant outlet and duct/plenum as required.	Each	3		
4	Supply and installation of suitable capacity liquid line filter/drier for 5.5 ton refrigerant line including fasters, flare nuts as required.	Each	6		
5	Supplying, testing & commissioning of 1.5 sq.mm three core flexible cable & PVC conduits to connect indoor control panel and outdoor unit as required.	Rmt	22		
6	Minor civil works for mounting outdoor units and drawing copper pipe on terrace/wall as per site condition.	Each	6		
			Total		

Total Amount in words Rupees

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 *Refer additional conditions at 8.5 & 9.6 under Technical Bid

Signature of the Contractor

Registrar