



**PONDICHERY UNIVERSITY
ELECTRICAL WING
PUDUCHERRY - 14**

Price Bid

- Name of work** : Replacement of 4nos. of 5.5 ton outdoor units for Package AC plants at University Campus
- Date and Time of Submission** : 17/04/2019
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 4 nos. of 5.5 ton outdoor units for Package 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’



**PONDICHERRY UNIVERSITY
ELECTRICAL WING
TENDER DOCUMENT FOR**

**Replacement of 4 nos. of 5.5 ton outdoor units for Package AC plants at
University Campus**

BILL OF QUANTITIES

| S.No. | Description of Item | Unit | Qty | Rate | Amount |
|-------|--|------|-----|------|--------|
| 1 | Supplying , installation, testing and commissioning of floor mounted made with CRCA/GI sheet powder coated 5.5 ton capacity outdoor unit housed in single fabrication on buy back of existing 5.5 ton Voltas make, DC55S Model, outdoor unit comprising of the following : a) Air-cooled condenser 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. b) 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. c) Connecting refrigerant circuits both suction & discharge sides, control cable, earthing etc., to connect with the existing indoor unit . | Each | 4 | | |
| 2. | Supply, installation, testing and commissioning of 5.5 ton scroll compressor in the existing 11 TR model package AC plants including brazing, leak testing, vaccumizing the entire system, pressure testing with nitrogen gas as required. | Each | 1 | | |

| | | | | | |
|--------------|---|------|---|--|--|
| 3 | Supply and brazing of Hard drawn copper piping of suitable size connecting existing refrigerant circuits between indoor and outdoor unit (Both suction and discharge line will be taken as single unit for measurement purpose). | mtr | 6 | | |
| 4 | Supply and installation of suitable capacity liquid line filter/drier for 5.5 ton refrigerant line including fasteners, flare nuts as required. | Each | 4 | | |
| 5 | Supplying, installing, testing and commissioning of heavy duty blower bearing and bearing housing in the existing 11 TR Voltas make package air conditioning plant. | Each | 4 | | |
| 6 | Supplying, installing, testing and commissioning of micro processing control unit with suitable sensors for existing 11 TR, Voltas make package air conditioning plant having facility to control temperature, compressor, condenser, time delay, single phasing preventer, phase reversal protection, digital display for voltage, current, temperature cut off, self diagnosis function for faults partial load operation with memory back up, auto restart after power failure, programmable timer with necessary cabling etc., as required. | Each | 2 | | |
| 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