

**INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI-36**

**Quotation No.04/2018-19/ELDB**

**Name of Work:** Purchase of 1 x 4.0 TR ductable split AC to Experimental Optics Lab at FF of CSD for Electrical Engineering Dept in IIT Madras

Sealed quotation are invited for Supply, installation, testing and commissioning of 1 x 4.0 TR ductable split AC from the reputed dealers/manufacturers as per details given below.

**Purchase schedule**

<b>S.No</b>	<b>Description of Works</b>	<b>Qty</b>	<b>Unit</b>	<b>Rates in figures Rs.</b>	<b>Amount Rs.</b>
<b>I</b>	<b>AIR CONDITIONERS</b>				
1.	Supply, installation testing and commissioning of air Cooled ductable split AC of specified capacities. The indoor units shall be ceiling suspended type. The indoor unit shall comprise of Fan, copper Cooling Coil, Filter and Expansion device. The Outdoor unit shall comprise of Hermetic scroll compressors, air cooled copper condenser & Condenser fan. If multiple compressors are offered, they shall have independent refrigerant circuits. Also, Compressors shall be cut-off automatically under part load conditions. The units shall have microprocessor controls & flurr nuts in the outdoor units. Scope shall include all supports for the indoor and outdoor units. The units shall be selected for Madras Ambient Conditions as specified. The units shall be factory assembled and only the refrigerant piping carried out at site. The contractor shall submit the phamlet of the model/make of the unit at the time of submission of the tender. The approved model will be FBMRN140CXV16 of Daikin Make.				
1a	4.0 TR ductable split AC	1	Each		
Rate in words Rupees .....					

S.No	Description of Works	Qty	Unit	Rates in figures Rs.	Amount Rs.
2	Refrigerant piping(Suction & discharge) drawn from hard copper tube of suitable sizes, with copper elbows, tees, necessary hard ware for installation etc. with thermal insulation covering etc as required for above ceiling suspended units	10	Metre		
Rate in words Rupees .....					
3	First charge of refrigerant & oil for the above unit	1	Each		
Rate in words Rupees .....					
4	Supply and laying of 40 mm dia PVC drain piping of 4 kg /cm <sup>2</sup> rating complete with Insulation(Nit rile Rubber), supports, fittings like elbow, tee joints, screws, clamps etc.	10	Metre		
Rate in words Rupees .....					
5	Supply, laying, terminating, testing and commissioning of PVC insulated, PVC sheathed steel armoured copper 1100V grade power\ control cable as required with terminations.				
5a	4C X 6 sqmm	10	Metre		
Rate in words Rupees .....					
5b	6C X 1.5 Sqmm Copper cable for control	10	Metre		
Rate in words Rupees .....					
5c	End Terminations using Copper Lugs	1	1 L.S		
Rate in words Rupees .....					
Sub Total I					

S.No	Description of Works	Qty	Unit	Rates in figures Rs.	Amount Rs.
II	<b>BUY BACK of Existing ACs</b>				
6	Less buy back of 1 x 4.0 TR ductable split AC (indoor & outdoor) / Make : Blue Star Year of Purchase 2006 with copper piping control panel. The contractor should take these materials as buy back item of the contract. The rate quoted by this item will be deducted from the bill. After completion of the work, the contractor will be allowed to take away these materials from the campus.	2	Each		
Rate in words Rupees .....					
Sub Total II					
Grand Total (Sub Total I – Sub Total II )					

Grand Total in Words (Rupees.....)

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**Terms & Conditions:**

1. The quotation should be submitted on or before **10/08/2018 at 3.00 pm** at the office of the Executive Engineer (Electrical), EPABX Telephone Exchange, Near Administrative Building, IIT Madras in closed sealed cover either in person or by post so as to reach us at the above mentioned date & time. The quotation thro' e-mail will not be accepted.
2. The supply shall be 7 days from the date of purchase order.
3. The supplier should submit the phamlet of the machine to be proposed for supply. In case if the machine will not satisfy as per our specifications, the quotations will be summarily rejected.

4. No advance payment and the payment shall be made on receipt of invoice after effecting the supply and on completion for down side works.
5. The successful tenderer will have to arrange all the tools & ladder for the work and minor civil works such as closing of the holes for refrigerant pipes/drain pipes with cement plastering.
6. Quotations can be downloaded from the website – <http://tenders.iitm.ac.in>

**Signature of the contractor**

**Signed/-  
Executive Engineer (Elect)  
I.I.T. Madras, Chennai-36**