

# INDIAN INSTITUTE OF TECHNOLOGY, MADRAS

CHENNAI – 600 036.

## Quotation Notice

**EU/EL-DB/2012-2013/Q.No: 08**

**Date: 15/10/2012**

Sealed Quotations are invited from appropriate contractors as tabulated below. Those who want to participate in the bid shall download the Quotation schedule from the IITM website ([tenders.iitm.ac.in](http://tenders.iitm.ac.in)) or collect the quotation schedule from the Electrical Design Branch, Near Admin Block, Engineering Unit, IIT, Madras. The filled in Quotations may be put in a cover super scribed with name of the work, quotation number and date of receipt of quotation which should be addressed to Executive Engineer (E), Engineering Unit, I.I.T., Madras and dropped in the tender box kept in the Engineering Unit, 3rd Floor, Admin. Block. The quotation sent by fax or email will not be accepted. The prescribed EMD amount shall be enclosed in the form of demand draft drawn in favour of "I I T Madras" along with the quotation schedule. Quotations received late will summarily be rejected. The quotations will be opened on same day at 03.10 pm in presence of the participants.

Sl. no	Quotation No	Name of Work and Location	Approx. value of work in lakhs	Earnest Money in Rupees	Period of completion	Last date and time of receipt of Quotation	Last date and time of opening of Quotation
1	Q.No:08/2012-13/Eldb	Providing of ductable split AC to lab at BT012 for Biotechnology department in IIT Madras.	1.59	3,180/-	One Month	26/10/2012 3.00 pm	26/10/2012 3.10 pm

**Signature of the Contractor**

**-sd-  
Consultant (Elect)**

**-sd-  
Executive Engineer (Elect)**



**INDIAN INSTITUTE OF TECHNOLOGY, MADRAS**

**CHENNAI – 600 036.**

Quotation Number : Q.No: 08/ 2012-13/Eldb  
Date and Time of Submission : 26.10.2012 & 3.00 pm  
Date and Time of Opening : 26.10.2012 & 3.10 pm  
Name of the work : Providing of ductable split AC to lab at BT012 for  
Biotechnology department in IIT Madras.

Sl.no	Description	Qty	Unit	Rate	Amount
<b>1.0</b>	<b>AIR CONDITIONERS</b>				
1	Supply, installation testing and commissioning of air Cooled Ductable Split Unit of specified capacities. The indoor units shall be ceiling suspended type. The indoor unit shall comprise of Fan, Cooling Coil, Filter and Expansion device. The Outdoor unit shall comprise of Hermetic scroll compressors. Air cooled condenser & Condenser fan. If multiple compressor 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. Scope shall include all supports for the indoor and outdoor units and connect the indoor door with the existing ducts and minor modification of ducts if any required for installation. 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 approved make will be BLUE STAR/VOLTAS/ CARRIER/HITACHI.				
1a	5.5 TR Ceiling suspended	1	Each		

(Rate in words Rupees.....)

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	20	Metre		
(Rate in words Rupees.....)					
3	First charge of refrigerant & oil for the above units	1	Each		
(Rate in words Rupees.....)					
4	Supply, fabrication, installation of Galvanized steel sheet ducting complete with sheet metal / angle iron /C-cleats as required, GI fasteners, bolts, nuts and washers guide vanes as required, supports shall be threaded rod and galvanized supports etc.				
4a	22 SWG	10	sqm		
(Rate in words Rupees.....)					
5	Supply & fixing of 25 mm thick rock wool stuck to the inside surface of ducts with synthetic adhesive as inside lining of ducts as acoustic insulation.	5	sqm		
(Rate in words Rupees.....)					
6	Supply and fixing of aluminum powder coated supply air diffuser with VCD.	1	sqm		
(Rate in words Rupees.....)					
7	Supply and fixing of aluminium powder coated return air diffuser.	1.50	sqm		
(Rate in words Rupees.....)					
8	Supply and fixing of fire dampers of the fusible link operated type, made out of 18 G GI frame and 22 G GI blades at the supply, return and Fresh air paths.	0.2	sqm		
(Rate in words Rupees.....)					
9	Supply & fixing of fresh air dampers with 20 micron filters, Cowl as rain water protection & bird mesh.	0.1	sqm		
(Rate in words Rupees.....)					

10	Supply & fixing of Fire retardant synthetic canvass connection with a provision to measure the canvass temperature at the mouth of 5.5/8.3 TR Ductable unit.	1	Each		
(Rate in words Rupees.....)					
11	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.	12	Metre		
(Rate in words Rupees.....)					
12	Supply, laying, terminating, testing and commissioning of PVC insulated, PVC sheathed steel armoured copper 1100V grade power\control cable as required with terminations.				
12a	4C X 6 sq.mm	20	Metre		
(Rate in words Rupees.....)					
12b	6C X 1.5 Sq.mm Copper cable for control	20	Metre		
(Rate in words Rupees.....)					
12c	End Terminations using Copper Lugs	1	1 LS		
(Rate in words Rupees.....)					
	<b>Total</b>				

**Total Amount in words Rupees.....**  
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**Signature of the contractor**

**-sd-  
Consultant (Elect)**

**-sd-  
Executive Engineer (Elect)**