



**REFRIGERATION AND AIR CONDITIONING UNIT  
INDIAN INSTITUTE OF ECHNOLOGY, KHARAGPUR**

Date: 9<sup>th</sup> May, 2018

**Corrigendum**

**Tender No. : IIT/ RAC/KGH/2018-19 DATED 20.04.2018**

**Name of the project: Dismantling, shifting, re- installation, testing & commissioning of 30nos. of split ACs installed at IIT Kharagpur Guest House, Salt Lake, Kolkata.**

In connection with the above mentioned tender the following changes have been made

<u>Sl. No.</u>	<u>Subject</u>	<u>In place of</u>	<u>Please read as</u>
01	Tender No.	IIT/RAC/KGP/2018-19, Dated.20/04/2018	IIT/RAC/KGH/2018-19, Dated.20/04/2018
02	Estimated Cost of the work	Nil	Rs. 2,50,000.00
03.	Last Date and Time for submitting the tender documents	11/05/2018 at 15:00 hrs	28/05/2018 at 15:00 hrs.
04.	Time and Date of Opening of Technical Bids	11.05.2018 at 16:00 hrs	28/05/2018 at 16:00 hrs.
05	Date/time of Pre bid meeting	Nil	14.05.2018 (15:30hrs.) in Refrigeration and Air Conditioning Unit, IIT Kharagpur, PIN-721302 In case the bidder requires any clarification related to this tender, please contact this no. - 03222 282720
06	Site Visit	Nil	The bidders are required to visit these buildings of IIT Kharagpur, Kolkata Guest House Campus, HC Block, Sector – III, Salt Lake City, Kolkata – 700106, to see the actual installations for themselves to assess the quantum of work involved before submitting the Tender. Site Contact no: 9433168091/ 9433054245 Date on which site visit may be done – 10th May, 2018 & 11th May, 2018-between 10 am to 5 pm
07.	Approved Make of cable / insulation	Nil	Finolex/ Havells/ Polycab/ KEI
08.	Approved Make of insulation	Nil	Armaflex/ K flex/ A flex/ Supreme
09.	Specification of pipe insulation	Nil	The refrigerant line shall be insulated with 13mm thick Nitrile Rubber Insulation ( As per Specified with K Value of 0.027-0.029 K Cal/Hr. M Deg C at 0-16 Deg C)
10.	Specification of Cable	Nil	As per annexure -I as attached

Prof-In-Charge (Information Cell)

With the request to kindly upload it in our Institute site.

**Annex-I**  
**Technical specification for cable**

1100V grade Cables of sizes 25 sq. mm. and above shall be XLPE FRLS insulated aluminum conductor armored type and PVC insulated Copper conductor armored cables for sizes 16 sq. mm. and below. All cables shall be conforming to IS Codes. Cables shall be suitable for laying in trenches, ducts, and on cable trays as required. Cables shall be termite resistant. Cable glands shall be heavy duty double/single compression brass glands. Control cables and indicating panel cables shall be multi core PVC insulated copper conductor and armored cables. The equipment inside plant room shall be connected to the control panel by means of suitable cables of adequate size. An isolator shall be provided near each motor/equipment (mounted within 10 ~ 15 meters. distance on nearest wall or self supported on floor) wherever the motor/equipment is separated from the supply panel through a Partition barrier or through ceiling construction. PVC insulated copper conductor wires shall be used inside the control panel for connecting different components and all the wires inside the control panel shall be neatly dressed and plastic beads shall be provided at both the ends for easy identification of control wiring. Cables shall be cross linked polyethylene (XLPE) insulated PVC inner sheathed and FRLS PVC outer sheath of 1100 volts grade. Cables shall be suitable for laying in Trenches, ducts, and on cable trays as required. Cables shall be termite resistant. Cable glands shall be double compression glands. Control cables and indicating panel cables shall be multi core PVC insulated copper conductor and armoured cables. All conductors shall be stranded.