



ISLAMIC UNIVERSITY OF SCIENCE TECHNOLOGY AWANTIPORA, KASHMIR

Department of Civil Engineering

Quotation Call Notice

Sealed quotations are invited from the authorized dealer or manufacturer for the supply of Rapid Chloride Penetration Test Equipment (RCPT Equipment). The quotations in the sealed envelope prescribed as “**Quotation for RCPT Equipment**” shall reach the office of the chairman of the DPTC/Head Department of Civil Engineering by or before **February 8, 2024, upto 4:00 p.m.**

The detailed specifications of **RCPT equipment** and other terms and conditions can be obtained from the office of the undersigned or downloaded from the university website. www.iust.ac.in

Sd/-

**I/C Head DoCE
Mir Aijaz Ahmad**

No: 76

Dated: - 29-01-2024

Terms & Conditions: -

1. The rate of RCPT equipment should be quoted. GST should be quoted separately.
2. The sealed quotation cover should be super scribed with the words “**Quotation for RCPT Equipment**”
3. The approved firm must supply the equipment before the 28th February 2024
4. Making Charges, engraving charges and the cost of plastic boxes be quoted inclusive of all taxes and charges separately.
5. The equipment should be delivered in the office of the Head department of Civil Engineering IUST on any working day during the office hours.
6. Payment shall be made only after the testing of the purity of the equipment.
7. The University Authority reserves the right to reject any or all quotations or accept anyone without assigning any reasons thereof. The authority also reserves the right to decide the integrity or the reliability of the equipment manufacturer/dealer/agencies for finalisation of order for preparation and supply of equipment.

Specifications of Equipment

Rapid Chloride Penetration Test Equipment	
S.No	Specification
1	<i>It complies to ASTM C 1202</i>
2	<i>Every channel is independent.</i>
3	<i>Transmitted current is measure and integrated in presence of 60V DC potential difference, precisely applied and maintained constant.</i>
	<i>LCD display with keypad which is completely electronic & digital.</i>
4	<i>Accuracy $\pm 0.1\text{mV}$, $\pm 1\text{ ma}$.</i>
5	<i>DC power source is design in the range of 0 V to 80 V so that pre-determine DC potential difference can be applied and maintained.</i>
6	<i>instrument is design in such a way that ,by using different attachment ,we can perform</i> <i>(a) Bulk resistivity test for concrete as per ASTM 1760</i> <i>(b) Chloride migration coefficient” nord test method</i> <i>(c) Accelerated Corrosion Test</i>
7	<i>(1) Cell (made of PVA) consists of – 2 Set</i> <i>(a) PVA Block – 2 Nos</i> <i>(b) Brass Ring – 2 nos</i> <i>(c) Brass/ SS Screen – 2 nos</i> <i>(d) Silicon Gasket – 2 nos</i> <i>(e) With necessary Electric Connection</i> <i>(f) Attachment for bulk resistivity of concrete</i>