

PONDICHERRY ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

TENDER NOTICE

No.PEC/Civil/CT Lab/Pur/ UGC (PCM)/2018/

Sub: Purchase of equipment- Quotation call for the supply of Rapid Chloride Permeability and thermal conductivity apparatus - Reg.

Please send your lowest quotation for the supply of items as per the specification mentioned below. The quotation should be sealed in a cover superscripted **QUOTATION - Civil Engg – UGC MINOR PROJECT -(PCM)** and addressed to “The Principal, PEC” subjected to the conditions indicated in the Annexure-I. It should reach the office on or before **17th September, 2018.**

S. No.	Description of item	Nos Required
1.	<u>RAPID CHLORIDE PERMEABILITY APPARATUS (RCPT)</u> – consists of three channels, automatic data acquisition system with inbuilt memory including software, RS 232/USB conversion adaptor, Acquired cumulative data should be transferred to PC at the end of result as Excel file , Constant voltage power supply, digital voltmeter with LED display, DC supply should be provided to all the three channels simultaneously and the current flow through each cell should be separately monitored- RCPT cell – 3 numbers with transparent acrylic material with rubber gasket and washers, stainless steel bolts and nuts, temperature probe. Complete with all essentials for testing as per ASTM C-1202 (09)	01
2.	THERMAL CONDUCTIVITY APPARATUS: <u>Item No. i)</u> Six thermocouples for measurement of temperature on either sides of specimen and guard Heater, Completely panelized electrical controls and measurement, Digital temperature indicator, Any type of slab can be placed easily for testing, Temperature range up to 150° C, Central heater of suitable capacity, sandwiched between two copper plates, Ring guard heater of suitable capacity with sandwiched between two copper Plates - suitable for measuring specimen size of about 6 to 20mm thick, 180 mm dia, Glass wool bag insulation around the set up, <u>Item No. ii)</u> Digital Control Panel with a) LCD Display, b) Thyristor based power control., c) Power Measurement using CT / PT d) PC interface on RS 232 / 485, e) Data Acquisition and software , f) RTD (PT 100) for temperature measurement . <u>Item No.3(OPTIONAL)</u> - Cooling chamber with water circulation arrangement Complete with all essentials for testing as per IS: 3346, 1980	01

PRINCIPAL

ANNEXURE-I
TERMS & CONDITIONS

1. The rate quoted should preferably be inclusive all taxes/ duties. Otherwise the amount of taxes/duties should be mentioned separately, duty specifying the name of tax/ duty with the rate thereof.
2. The supply should be for Pondicherry Engineering College, Pillaichavady and Pondicherry- 605014.
3. The dispatch documents and bill should be forwarded direct to this college and not through bank.
4. You are responsible for the safe delivery of the stores at our college.
5. No insurance charges will be payable by this college.
6. All communication should be addressed to the principal by designation and not by name.
7. The bill of cost should be sent in duplication along with a pre-receipted receipt. This advance receipt should be stamped if the amount exceeds Rs 500/-.
8. Payment will be made by cheque after the receipt of good in good condition and the bills with pre-receipted and stamped receipts.
9. Under no circumstances should the items be sent under freight to pay.
10. Goods not received in good condition and not according to specifications will be rejected out right.
11. Manufacturer's name, their trade mark and brand etc., should be mentioned in the bill.
12. Delivery period should be mentioned.

- by order –