

## **NOTICE INVITING QUOTATION (NIQ)**

**Date: 11-12-2009**

Sealed quotations on company letterhead are invited from **manufacturers of international repute** or their authorized suppliers / dealers and service agents in India for the supply of the **item** mentioned in this NIQ.

The quotation must provide detailed information of the configuration and specifications of the item (in the format of page 2) as well as price and terms and conditions of the payment. **The quotation should mention individual unit cost of each of the components including taxes and cost of delivery, installation and commissioning at IIT Delhi site.**

**Interested parties are required to submit their technical and financial bids in separately sealed envelopes and marked respectively as “Technical Bid” and “Financial Bid” on the outside.** The two envelopes should be enclosed inside a single sealed envelope and marked:

**ATTN: Dr. SURESH BHALLA, SEALED QUOTATION FOR “OSCILLOSCOPE” TO BE OPENED BY PURCHASE COMMITTEE”.**

The quotation should be submitted on or before 28<sup>th</sup> DEC, 2009 by 10:00 am in the office of **Head, Department of Civil Engineering, Room No. 221, Block No. IV, Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110016 (INDIA)**. The validity of the submitted quotation must extend up to at least three months.

The Institute reserves the right to accept/reject any/all the offers without assigning any reason whatsoever.

### **NOTES:**

- (1) Each of the essential specification needs to be responded either in range or any applicable answer in the format of page 2. **Failure to respond to any essential specification will lead to disqualification.**
- (2) Authorization certificate from principals should be included in the technical bid.
- (3) Delivery and installation should be complete within 2 weeks of receipt of supply order.
- (4) Vendor should provide reference of supply of equipment within India or outside of similar equipment. IITD reserves the right to interact/visit with the referred customer as per its convenience.
- (5) **THE FINAL NUMBER OF UNITS TO BE ORDERED WILL BE BETWEEN 3 AND 5 DEPENDING UPON THE UNIT COST. FINAL DECISION SHALL BE TAKEN BY THE PURCHASE COMMITTEE**

## **TECHNICAL SPECIFICATIONS**

<b>PARAMETER</b>	<b>REQUIREMENTS</b>	<b>RESPONSE BY SUPPLIER (RANGE/ YES/ NO)</b>
Display	COLOR	
BANDWIDTH	60MHZ	
CHENNALS	4	
EXTERNAL TRIGGER INPUT	REQUIRED	
SAMPLE RATE ON EACH CHENNAL	1.0GS/s	
RECORD LENGTH	2500 POINTS ON EACH CHANNEL	
VERTICAL RESOLUTION	8BITS	
VERTICAL SENSITIVITY	2mV per division	
DC VERTICAL ACCURACY	+/-3% ON ALL MODELS	
ZOOM	REQUIRED BOTH HORIZONTALLY AND VERTICALLY	
MAXIMUM INPUT VOLTAGE	300Vrms	
TIME BASE RANGE	5ns per div to 50s per div	
TIME BASE ACCURACY	50 ppm	
REFERENCE WAVE FORM DISPLAY	2.5k Points	
INPUT COUPLING	AC,DC,GND	
BANDWIDTH	20MHZ	
USB PORT FOR FLASH DRIVE	REQUIRED	
USB DRIVE FOR CONNECTION TO PC	REQUIRED	
PC INTERFACE SOFTWARE	REQUIRED	
WARRANTY	MIN 10 YEAR FROM MANUFACTURER	