

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**IIT Post office, Kanpur 208016, U.P**  
**Department of Physics**

**Enquiry no.: PHY/RV/EOP//BRNS/2011-12/4**

**Enquiry date: 17/07/2012**

**Closing date: 27/07/2012**

**Sealed quotations should reach the undersigned latest by 4.00 pm on 27<sup>th</sup> July, 2012 for the following:**

<b>Description</b>
Integrated-optic / fiber-optic / photonic simulation and design software

The above-mentioned software should conform to the following specifications:

<b>Parameter</b>	<b>Required specification</b>
Capability	(i) To model the photonic band gap properties of sub-micron dielectric structures by finite difference time domain (FDTD) method (ii) To simulate light propagation through integrated-optic and fiber-optic structures with user-defined characteristics (iii) To evaluate the mode characteristics of light in all the above cases.
Requirement	One license - to be used only for academic work - lifetime validity
Important	Should be self-contained with its own visualization software; should provide the ability to access the raw data as well as to modify a wide range of simulation parameters. All add-on software should be separately quoted.
To be specified by manufacturers	System requirement in terms of processor speed, OS, RAM and HDD.

**Terms and conditions:**

The software should not require frequent license registration involving payment - all upgrades should be informed as and when available.

Quotations should have a validity of a minimum of 60 days.

Quotations are required in duplicate in a sealed envelope with enquiry number mentioned on the envelope. Indicate educational discounts, if any.

The rate offered should be F.O.B (specify city).

Institute is exempted from payment of Excise Duty under notification no.10/97

Institute is entitled to avail concession rate of sales tax as admissible under Sub-sec 5 of Sec 8 C.S.T Act 1956 applicable to Educational/Research institution in inter-state purchase.

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