

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Physics

Enquiry no.: PHY/RV/EOP/DRD/2015/2

Enquiry date: 02/06/2015

Closing date: 19/06/2015

Sealed quotations should reach the undersigned latest by 4.00 pm on **19th June, 2015** for the following:

| Description | Quantity |
|--|-----------------|
| Cutting and dicing saw for silicon wafer | One |

The above-mentioned equipment should conform to the following specifications and a sheet showing the extent of compliance should be attached:

1. Precision cutting and dicing saw for use with silicon and SOI wafers.
2. Options for fixed and variable cutting speed and cutting pressure for handling standard and delicate materials.
3. Kerf loss of 0.25 mm or lower.
4. Variable flow cooling system will be desirable.
5. Maximum values of cutting height and best values of cutting accuracy to be specified for Si and SOI wafers in the quotation.
6. Possibility for angular cutting (with tilt of substrate) to be built in.
7. Metal cutting optional.
8. All holders (for saw and substrates) and appropriate blades / saw for Si / SOI wafer to be quoted as accessories.
9. Power connection suitable for Indian conditions (230V, 50 Hz).
10. Instruction manual with clear instructions and trouble-shooting tips.
11. Installation on-site upon purchase, and demonstration of all parameters.

Any additional accessory useful for operation such as power cords for India may be included and clearly specified as essential or optional.

The supplier should be willing to supply the complete test report of the unit while shipping the item and test parameters for cutting and dicing standard Si and SOI wafers. Refurbished units are not acceptable.

Terms and conditions:

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

The equipment should be provided with a warranty of 1-3 years.

Technical bid and financial bid have to be in separate envelopes inside one sealed envelope sent to us with enquiry number mentioned on the envelope.

Technical specifications along with the extent of compliance should be mentioned. **Quotations that do not provide a compliance sheet will be rejected.**

The delivery period should be specifically stated.

Permissible educational discount should be provided since the equipment will be used for research work of students.

For suppliers from outside India, the rate offered should be FOB (specify city) or FCA terms.

IIT Kanpur has its own freight forwarder for shipping from outside India.

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

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