

# Indian Institute of Technology Kanpur

## Center for Nano Technology

Enquiry No: SCDT/CNT- 08/2012

Date: 06/12/2012

Sealed quotations are invited for **ESD/Antistatic PU Flooring work** compatible for clean room and '**DR. BERY/BASF/CIPY** make. Supply includes installation and testing. Detail description of the items is given below and quotation is to reach us on the given below address latest by 2:00PM on or before December 12<sup>th</sup>, 2012 with all technical specifications.

**Note: Those companies will be preferred who has prior working experience in the clean room.**

| S.No | Item Description   | Qty         |
|------|--|-------------|
| 01   | <p><b><u>Materials Properties and Specification of PU ESD Flooring work:</u></b></p> <ul style="list-style-type: none"><li>a) Should water –based, VOC compliant</li><li>b) Fast setting</li><li>c) Highly abrasion resistant</li><li>d) Should be more durable</li><li>e) Static Dissipative</li><li>f) Three Components</li><li>g) Good slip Resistance</li></ul> <p><b>Properties and Value:</b></p> <ol style="list-style-type: none"><li>1.Application time:Working time at 30°C Initial set at 30°C (8 – 10 min.4-5 hrs.)</li><li>2.Density of the mix(1.9-1.95 gm/cc)</li><li>3. Bond strength to concrete (Concrete failure)</li><li>4. Hardness, Shore D&gt;85</li><li>5. Abrasion resistance (wt loss method) (15-20 mg.)</li><li>6. Absorption &lt; 0.2%</li><li>7. Shrinkage &lt; 0.1%</li><li>8. Compressive strength-55 N / mm<sup>2</sup></li><li>9. Maximum service temp80 °C</li><li>10 Thickness2 mm +/- 10%</li><li>11. Surface resistivity 10<sup>6</sup> x 10<sup>9</sup> ohms</li><li>12 Cu Mesh.( 1.5x1.5 Mtrs , 25mm width , 100um)</li><li>13. Grounding Diagonally in each section.</li><li>14. Colour: RAL Shad</li></ol> | 3000 Sq/fit |

### **Common features of flooring specification:**

- 1) Material test certificate to be submitted with material
- 2) Should be authorize representative / dealer
- 3) Manufacturer should ISO certified

### **Terms & conditions for supply of above mentioned articles**

1. Prices should be FOR IIT Kanpur
2. IITK is exempted from excise/custom duty
3. Quotations should have a validity of a minimum of 60/90 days.
4. The delivery time should be clearly mentioned. Shorter delivery time may be given a preference.
5. Maximum educational discount, if any applicable, should be clearly mentioned
6. The terms of Warranty should be clearly mentioned, those providing longer warranty, better sales service and support, with written evidence will be given preference.
7. The rate quoted should be inclusive of sales tax and other taxes including freight charges
8. Terms and conditions for the payment, including the banker's name of the principal and the account number, if any, for electronic transfer.
9. Include proprietary item certificate if applicable
10. Technical literature and catalog to support your product
11. Indian agency commission if applicable (should be certified by the principal if no agency Commission is applicable).
12. Only those supplying All of the items shall be considered

**Kindly send your quotation before respected date in the following address:**

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