



# Indian Institute of Technology Kanpur

## Samtel Centre for Display Technologies

Enquiry number: SCDT/2013-14/01

Date: May 15, 2013

Sealed Quotations are invited for the supply of following Sputtering Targets and Evaporation material as per the following specifications:-

1.	<b>Inline LN2 Cooled Traps (Single Fill Tube)</b> Description: LN2 Inline Traps, Body O.D. (in): 4, Flange Size: KF25, Port O.D. (in): 1.00, LN2 Reservoir (liters): 0.75	01No.
2.	<b>Tungsten Coil (EVF 1-4)</b> Description: 3 Wires x 0.030" Diameter, Per Pack: 5, Volt: 2.94, Amps: 54, Watts: 159, Temp.: 1800°C	20Pack
3.	<b>Tungsten Coil (EVF 1-4)</b> Description: 4 Wires x 0.030" Diameter, Per Pack: 5, Volt: 4.00, Amps: 77, Watts: 308, Temp.: 1800°C	20Pack
4.	<b>Molybdenum (Mo) Sputtering Targets</b> Material: Molybdenum, Size: 2.00" Diameter x 0.250" Thickness, Purity: 99.95%	01No.
5.	<b>Indium Tin Oxide, ITO (In<sub>2</sub>O<sub>3</sub>/SnO<sub>2</sub>, 90/10 wt %) Sputtering Targets</b> Material: Indium Tin Oxide, ITO, Size: 2.00" Diameter x 0.125" Thickness, Purity: 99.99%	01No.
i.	<b>OFHC Copper Backing Plates</b> Target Size: 2.0" x 0.125"	01No.
ii.	<b>Indium Target Bonding Service</b> Target Size: 1" to 2" Diameter, Target Material: Metal or Ceramic	01No.
6.	<b>Indium Gallium Zinc Oxide (InGaZnOx) Sputtering Targets</b> Material: Indium Gallium Zinc Oxide, Size: 2.00" Diameter x 0.125" Thickness, Purity: 99.99%	01No.
i.	<b>OFHC Copper Backing Plates</b> Target Size: 2.0" x 0.125"	01No.
ii.	<b>Indium Target Bonding Service</b> Target Size: 1" to 2" Diameter, Target Material: Metal or Ceramic	01No.
7.	<b>Chromium, Cr: Pieces</b> Size: 0.8mm - 6mm Pieces, Amount: 100 g	01No.
8.	<b>Indium Gallium Zinc Oxide (InGaZnOx) Sputtering Targets</b> Material: Indium Gallium Zinc Oxide, Size: 3.00" Diameter x 0.125" Thickness, Purity: 99.99%	01No.
i.	<b>OFHC Copper Backing Plates</b> Target Size: 3.0" x 0.125"	01No.
ii.	<b>Indium Target Bonding Service</b> Target Size: 3" to 4" Diameter, Target Material: Metal or Ceramic	01No.
9.	<b>Indium Tin Oxide, ITO (In<sub>2</sub>O<sub>3</sub>/SnO<sub>2</sub>, 90/10 wt %) Sputtering Targets</b> Material: Indium Tin Oxide, ITO, Size: 3.00" Diameter x 0.125" Thickness, Purity: 99.99%	01No.
i.	<b>OFHC Copper Backing Plates</b> Target Size: 3.0" x 0.125"	01No.
ii.	<b>Indium Target Bonding Service</b> Target Size: 3" to 4" Diameter, Target Material: Metal or Ceramic	01No.
10.	<b>Molybdenum (Mo) Sputtering Targets</b> Material: Molybdenum, Size: 3.00" Diameter x 0.250" Thickness, Purity: 99.95%	01No.

Terms and Conditions:-

1. Quotation shall be accepted from the vendors, who can supply all the listed items.
2. Maximum educational discounts should be applied.
3. Validity of quotation should be at least for 60 days.
4. The delivery period should be specifically stated. Earlier delivery may be preferred.
5. Quotation should carry proper certifications like authorization certificate, proprietary certificate, etc. (if applicable).
6. Institute is exempted for partial custom Duty (CD applicable to IIT Kanpur is 5.15%).
7. Quote shall be made in USD/EURO with options for the following delivery modes, (i) Ex-works (ii) FOB/FCA in country of origin (iii) CIF, New Delhi.
8. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
9. Please mention tender notice number on top of envelop.

Kindly send the quotation in sealed envelopes latest by 3:00 PM on 21.05.2013 to the following address;

Room No.305,  
Samtel Centre for Display Technologies,  
Indian Institute of Technology Kanpur-16