

INDIAN INSTITUTE OF TECHNOLOGY, DELHI
HAUZ KHAS, NEW DELHI – 110016
Department of Mechanical Engineering

Date: 31-12-12

Notice Inviting Quotations

Quotations are invited for the purchase of Nano particles for the department of mechanical engineering. Interested suppliers are required to submit their quotations as per the specifications given below.

S.No	Item Description	Quantity
1	MultiWalled Carbon Nano Tubes (MWCNTs) - COOH modification Outside Diameter : 8-15nm, Inside Diameter: 2-5nm, Length: 0.5-200 μm , Purity > 95%	10g
2	Silver nanoparticles, colloidal solution in water Average particles size : 10nm, Concentration: 0.1 mg/mL	600ml
3	Silver nanoparticles, Hydrophobic Average particles size : 6-7nm	10mg
4	Zinc Oxide Average particles size : 25nm Purity > 99% Particle shape: spherical	25g
5	Copper Oxide Average particles size : 40nm Purity > 99% Particle shape: spherical	50g
6	Aluminium oxide (Al_2O_3) - alpha Particle shape: spherical Average grain size: 40 nm Purity: > 99.8 %	50g

The sealed quotations are to be submitted in two separate envelopes:

A- for Technical Quote (Specifications) &

B- B- for Financial Quote.

(For details see ANNEXURE I)

Both these envelopes should be enclosed in an outer envelope, which should also be sealed and addressed to, Dr. Sudarsan Ghosh, clearly mentioning on top right corner of the envelope "Quotations for Nano particles" with due date.

The sealed quotation (the "technical bid" & -financial bid" should be in separate and clearly marked sealed envelopes) should be addressed to Dr. Sudarsan Ghosh, Room No. 359, Department of Mechanical Engineering, IIT Delhi, Hauz Khas, and NewDelhi-110016. Those want to submit it by hand should give this to Room No. 359, Block III, Department of Mechanical Engineering. The quotations should reach by 14/01/2013.

ANNEXURE I

Envelope A: Technical Quote: The following details are to be enclosed

(Mention clearly on this envelope- Technical Quote)

1. Technical brochures mentioning all details with complete address of the principals.
2. A compliance chart based on the specifications as per the NIQ.
3. List and addresses of organizations where the nano particles has been supplied in last 3 years in India.
4. Details of other nano particles supplied to IIT Delhi specifying the Department/Centre/Lab to which the nano particles was supplied.
5. Address of the technical office in India with telephone and FAX numbers. Kindly clarify the type of support available in India.
6. Also attach the nano particles make and country along with characterization (As mentioned in NIQ size, shape, TEM/SEM analysis/image etc.,) certificates from a standard organization/lab.
7. Also mention if it possible to do the characterization of nano fluids (thermal conductivity, lubricity, etc.,) in your organization/industry. If yes, mention the procedure of the same.

8. If quote is for imported material supplied through Indian Agent, Sole Agency- ship certificate on the letterhead of the principal company, if quotation is from an Indian Agent.

Envelope B: Financial Quote: The following details are to be enclosed/ ensured.

(Mention clearly on this envelope- Financial Quote)

1. The prices quoted must include charges for delivery at IIT Delhi.
2. The quote should be in INR and all taxes applicable should be mentioned clearly.
3. Institute makes payment after successful delivery. In case the payment terms are different, it should be mentioned clearly.
4. Validity of the quote should be 90 days.
5. The delivery period to be clearly specified.
6. If some specifications are not being met, deviations may be clearly stated. In the unlikely event that none of the vendors are able to meet all the specifications, the committee reserves the right to waive or relax any of the requirements at the technical evaluation stage.
7. No advance payment shall be made.
8. The Quotation received after due date will not be considered.
9. The Institute reserves the right to reject any quotation without assigning any reasons.

Dr. Sudarsan Ghosh,
Block III, Room No. 359
Department of Mechanical Engineering
IIT DELHI, NEW DELHI-110016, INDIA