

October 18, 2016

Enquiry No.: **02/MET/DD/CPDA/IIESTS/2016-17**

**Notice Inviting Quotations**

Quotations are invited for supply of the following items/consumable as per mentioned specifications under CPDA Account of *Dr. Debdulal Das*, Associate Professor, Department of Metallurgy and Materials Engineering (approval order no. 1411/Dean(FA)/CPDA/16 dated 14 October 2016). The sealed quotations should be addressed to the Head of the Department indicating enquiry no with date on the top of the envelope.

The quotation should include all kind of taxes/duties and delivery charges of the item to the Office of the Department of Metallurgy and Materials Engineering, IEST Shibpur. Last date of submission of sealed quotation is **7 working days from the date of publication** in the Website of the Institute and tenders will be opened on the next working day at 12 noon.

| Sl. no.   | Description/Specification of Item   | Quantity to be quoted | Price (INR) |
|-----------|---|-----------------------|-------------|
|           | <b>High purity (&gt;99.9%) spherical shaped alpha (<math>\alpha</math>) Alumina (<math>Al_2O_3</math>) particles of following size ranges. Certificate of purity, phase (i.e., alpha), shape and the particle size with its method of measurement will be needed. Information regarding the surface area values and size distribution for Sl. nos. 3 and 4 are preferred.</b> |                       |             |
| <b>1.</b> | <b>Average particle size: 50 micron</b>   | <b>1 kg</b>           |             |
| <b>2.</b> | <b>Average particle size: 5 micron</b>  | <b>1 kg</b>           |             |
| <b>3.</b> | <b>Average particle size: 500 nanometer</b><br><i>(must be confirmed by FE SEM /TEM)</i>  | <b>100 gm</b>         |             |
| <b>4.</b> | <b>Average particle size: 50 nanometer</b><br><i>(must be confirmed by TEM examination only)</i>  | <b>100 gm</b>         |             |

(Dr. S. K. Ghosh)  
Professor and Head  
Dept. Metallurgy and Materials Engineering,  
IEST, Shibpur

Copy forwarded for information to:  
Institute Website, IEST, Shibpur, Howrah-711103

For details the vendors may contact Dr. Debdulal Das (Mobile No. 9163547794) during working hours.