



पदार्थ विज्ञान एवं अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान कानपुर  
Department of Materials Science and Engineering  
Indian Institute of Technology Kanpur  
कानपुर - 208 016 Kanpur-208 016

Enquiry Letter for Purchase of Phase pure HfB<sub>2</sub>, ZrB<sub>2</sub>, B<sub>4</sub>C and SiC ceramic powders

Date: Apr. 03, 2017

Ref: [MHRD /MET /2016408N/ UHTC-powder](#)

1. Two-bid quotations (technical bid and financial bid) are invited from vendors for providing phase pure HfB<sub>2</sub> (hafnium diboride, with purity > 99%), ZrB<sub>2</sub> (purity > 99.5%), B<sub>4</sub>C (>99.5% pure) and SiC (>99.5%) ceramic powder. In case any other purity powder is available, please provide the quote separately for that purity as well.
2. Size of powders: Size range of ~1-5 μm is preferred for purchase. If any other size is available, please provide the price quote separately for that size as well.
3. Quantity: A quantity of 2-3 kg each of ZrB<sub>2</sub> and HfB<sub>2</sub> is needed, and ~1 kg of SiC and ~0.5-1 kg of B<sub>4</sub>C are needed. Please provide the price quote per kg of powder.
4. If available, please provide the technique by which the powders are prepared by the vendor.

Terms and Conditions:

- i) Please provide SEPARATE copy of "Technical Bid" than a "Financial Bid". Kindly seal both the bids.
- ii) **Please include academic discount with the order.**
- iii) All of purity, size and cost of powders (as per requirement) will be considered in totality for awarding the tender.
- iv) IIT Kanpur reserves the right to cancel the inquiry in case the quoted cost is higher than the available funds towards procurement of powders.
- v) Validity of the quote MUST be until June 15, 2017.
- vi) Shipping/Handling: Please include any shipping/handling charges for the powder. Please quote CIP price for the same.
- vii) Last Date to receive the quotation for powders (DEADLINE): ~~Apr. 15, 2017.~~ **Extended to May 15, 2017.**

Quotations must be sent in hard copy to:

**Prof. Kantesh Balani**

Department of Materials Science and Engineering

Faculty Building, Room 412

Indian Institute of Technology Kanpur

Kanpur-208016, U.P., India