Phone: (0512) 2597346, 2597741 E-mail: sud@iitk.ac.in FAX: (0512) 2597395

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

DEPARTMENT OF CIVIL ENGINEERING

Sudhir Misra **PO. IIT KANPUR-208016 (UP), INDIA**
Professor & Faculty-In-Charge
STRUCTURAL ENGINEERING LABORATORY

03 June 2015
Enquiry no. *CE/STR/2015-16/Jun/02*

Sealed quotations are invited for the supply and installation of one mechanical mortar mixer for our laboratory along with all relevant accessories. The main feature of the proposed mechanical mortar mixer is to facilitate intense mixing of ingredients to produce ultra-high performance concrete of very low water-to-cement ratio (between 0.10 to 0.25). Other desired technical specifications are as follows:

- Drum capacity: $\geq$ 250-300 litres but $\leq$ 350-400 litres
- Effective wet mortar capacity: $\geq$ 200-250 litres
- Discharge height: 17″ (43 cms)
- Drum material: Steel or engineering plastic
- Ingredients to be used in mixer: cement, silica fume, quartz powder, sand, water and other chemical admixtures in appropriate proportions
- Operational laboratory temperature ranges: 10 to 50 °C
- Ability to perform dry and wet mixing of ingredients in a closed- or merely- closed drum condition to prevent the evolution of dust and smoke outside
- Should consist of a high-power motor (5-hp 230/440 V AC single/three-phase)
- Drive system: Mechanical gearbox
- Ability to be towed by a single person from one location to another

Kindly send your offer (Original, Signed with the name of signing authority) in a sealed envelope, for the above items mentioning the following:

1. Cost of the item including installation charges with technical specifications in detail
2. Freight, packing etc. charges
3. Warranty period; Delivery time
4. Educational discount considering usage for teaching and research
5. Payment terms
6. Any other relevant details

An early reply latest by **29 June 2015 (extended date)** will be highly appreciated. For any further information/clarifications in this regard, please write back to us at vindwi@iitk.ac.in.

Thanking you...

Sincerely

Sudhir Misra