

"Thapar Institute of Engineering and Technology
(Deemed to be University under section – 3 of UGC Act, 1956)"
Thapar Technology Campus, Post Box No.32, Patiala 147 004 Punjab INDIA
Ph. No. 0175-2393870, 3871
URL: www.thapar.edu, Email: npsingh@thapar.edu, gurmeet.kaur@thapar.edu

Enquiry No. TIET/CS/GK/17-18/17529
Dated: March 23, 2018

Sub: Request for Quotation(s) for supply of Sampler

Dear Sir

We shall be grateful if you kindly let us have your lowest **quotations** for the following materials/equipment. **THE QUOTATIONS SHOULD REACH THE UNDERSIGNED LATEST BY 06.04.2018** through courier or e-mail (quotation sent by mail from distant locations needs also to be validated through courier/regd post as hard copy) accompanied by appropriate illustrative literature/catalogues/pamphlets/ technical details and specifications as the case may be.

On the quotation envelope/ subject the Enquiry Number & Date should be mentioned on the top of the Envelope/mail subject, quotation received after due date will not be considered and it must split and submitted in technical bid and commercial bid separately with technical bid to have list of references for same equipment/material supplied.

Sr. No.	Item Name	Qty.
1.	SAMPLER See attached sheet for specifications, and details.	01 No.

The offer sent by you must furnish the following mandatory details / enclosures in price bid:

1. Name, Make & specifications of each item.
2. Cost of the item with MRP.
3. Educational discount if any.
4. Validity of quotation should be at least 60 Days.
5. GST extra.
6. Delivery FOR Thapar Institute of Engineering & Technology, Patiala/ CIP Delhi for import products kindly mention HSS code of each product and attach copy of BOE of item last cleared in support
7. Insurance, Freight & other charges if any.
8. Minimum Delivery Period.
9. Payment terms. Net 30 days against delivery or satisfactory installation at Thapar Institute whichever applicable
10. Guarantee / Warranty Information.

Regards,

Sd/-

Head Commercial

Technical Specification of Sampler/Riffler

1. INTENT OF SPECIFICATION

The supplied item shall conform to a high standard of engineering, design and workmanship in all respects and shall be capable of performing continuous satisfactory operation. The instrument and accessories shall comply with the appropriate latest Indian Standard or internationally accepted Standard Specification.

2. INTENDED USE

Thapar Institute of Engineering and Technology (TIET), Patiala has received financial assistance from the **National Thermal Power Corporation (NTPC)** to develop a pneumatic conveying test facility at the University through a joint research project. The purchased item will be part of the joint research laboratory of NTPC and TIET.

3. GENERAL INFORMATION AND LABORATORY CONDITIONS

3.1	Location	Department of Mechanical Engineering, Thapar Technology Campus, Patiala – 147004, Punjab, INDIA
3.2	Laboratory condition	Indoor (but having ventilation); 5 to 50°C (winter to summer) and 20 to 100 % relative humidity, dusty environment

4. QUALIFYING REQUIREMENT OF BIDDER

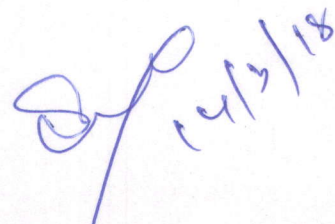
The bidder must have supplied at least 2 items/lots having in last five (5) years in institutes/universities/organizations of national/international repute and the instruments must have worked satisfactorily for at least three (3) years from the date of supply. The bidder may be asked to furnish details of such supply (e.g. Model/make, name of laboratory where it was supplied, and date of supply and performance compliance certificates from such owners).

5. SCOPE OF SUPPLY AND SERVICES

The scope of work comprises complete supply/transport of the item and its associated accessories, as specified and defined in this specification. In case of confusion and contradiction between subsections of this specification, if any there, the Bidder is advised to seek clarifications from Purchaser during the pre-offer stage itself. The items, which are not specifically mentioned but needed to make the system complete and reliable for safe operation and guaranteed performance, shall also be treated as though included and the same shall be furnished unless otherwise categorically excluded.

6. DEVIATIONS

In case the proposal has deviations from the specification, or an alternative offer is made which the Bidder thinks to be superior in what is asked for and price of which is comparable, the Bidder in his proposal shall indicate clearly such deviations, item wise.

Handwritten signature and date: 24/3/18

Rotary/Sieving Riffler for representative sampling

Rotary/Sieving Riffler virtually eliminate operator error and bias associated with other types of sample dividing. Representative sampling by Rotary/Sieving riffler is the method of choice for accuracy and repeatability of the highest order when sampling dry, granular materials and powders. Riffle splitters are typically used in assay and analytical laboratories to reduce the size of samples provided from other sources (crushed rock, soils, powders and so on) to a lot size that is appropriate for the next stage of analytical sample preparation.

Standard Divider Lab Equipment

Applications	sampling, sample division, sample reduction
Field of application	cement, fly ash, pharmaceuticals
Feed material	bulk materials
Material feed size	≤ 5 mm
Number of divisions	5-8
Volume of reject collector	1-2.5 litre
Container volume	250 ml-500 ml
Electrical supply data	220-240 V, 50/60 Hz
Power connection	1-phase


14/3/18