

**National Wind Tunnel Facility  
Indian Institute of Technology, Kanpur**

**Tender Type:** Open Tender Enquiry  
**Enquiry No.:** NWTf/ACM/2023-24/02

**Opening Date:** May 10, 2023

**Closing Date:** May 24, 2023

**Extended closing Date:** June 03, 2023

**Subject:** Purchase of High-end synchronizer (Quantity: 1 No.)

Quotations for the item mentioned above are requested in a sealed envelope. The quotation should reach on or before **June 03, 2023** to the address given below.

**Specifications of Synchronizer**

A high-end synchronizer best suited for all kinds of particle image velocimetry (time resolved, volumetric, stereo-PIV) measurement is required with the following specification:

- Remotely controllable using a simple personal computer with software provided
- 16 TTL compatible outputs or greater
- 8 TTL compatible trigger inputs or greater
- Pulse to Pulse resolution not greater than of 20 picoseconds
- High repetition rate as high as in MHz
- Configurable trigger logic (such as AND / OR / XOR / NOT etc.)
- Low Jitter less than of 1 picosecond with rise/fall time less than 3 nanoseconds
- Selectable input and outputs
- 8 or more logic analyser
- Sequence can be done for minimum week long duration

**TERMS & CONDITIONS:**

- **PRICES:** Ex-Works/FCA/FOB/CIF New Delhi/FOR IIT Kanpur.
- **DELIVERY:** should be clearly mentioned.
- **VALIDITY:** Minimum 90 days.
- **Warranty:** 2 Years or higher.
- **Payment Term:** LC / TT upto US\$ 10K / CAD / Net 30
- Valid authorization letter from OEM should be submitted along with the Bid.
- **Installation & Commissioning:** Free of Cost.
- **Training:** Free of Cost.

**Address for correspondence:**

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