

E-TENDER NOTICE

TENDER NO: IUAC/NIT/15/BKS/2018-19 Dated: 06/11/2018

Electronic bids are invited through E-Procurement Portal under two bid systems from eligible/reputed parties for the work/supply of “20 channel Trigger/Delay generator at IUAC”.

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in/eprocure/app> and www.iuac.res.in

Aspiring Bidders who have not enrolled / registered in e-procurement portal should enroll / register before participating through the website <http://eprocure.gov.in/eprocure/app>. Only bids received through e-procurement portal will be considered for opening. IUAC reserves the right to accept / reject any/all tenders in part/full without assigning any reasons thereof.

Any Corrigendum/Amendments in respect of above tender shall be issued on our website www.iuac.res.in and website <https://eprocure.gov.in> only.

Date of opening of the tender : 03rd Dec. 2018

Prequalification of the bidder

The bidder must be a reputed manufacturer or supplier, who have supplied test equipment/devices to institutions and research laboratories in India. The Supplier must provide user list along with copy of few previous orders along with technical bid.

20 Channel Digital Delay/Trigger generator

The instrument/device is intended for the trigger for the entire Timing system of FEL based DLS project. The technical specification for the same is listed below.

| Specification | Required range/value | Offered range/value |
|------------------------|---------------------------------------------------------------------------------------------|---------------------|
| Channels | 20 independent channels or more in a single unit or more units connected in synchronization | |
| Range | 0 to at least 5 s | |
| Resolution | Less than or equal to 1 ps | |
| Rise time/fall time | Less than or equal to 5 ns | |
| Output Voltage | Up to 5V / 50Ω | |
| Trigger mode (EXT/INT) | Both | |
| Ext Trigger Rate | At least in tens of kHz | |
| Output Connector | BNC/SMA/SMB | |
| Ref IN/ OUT | 10/100 MHz | |
| Form Factor | 19" Rack mountable | |
| Remote Control | LAN/RS232/RS485/GPIB/VME/PXI | |
| Warranty | At least 1 year with provision for extended warranty up to 5 years | |

Terms & Conditions:

1. Vendor must submit the make, technical datasheet and performance certificate along with the bid.
2. All documents including test results, user manual for maintenance, repair and operation, application notes must be included.