



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

निविदा संख्या पर प्रीबिड स्पष्टीकरण - IISER/PUR/1369/22
PREBID CLARIFICATION ON TENDER NUMBER - IISER/PUR/1369/22

वस्तु विवरण - टाइम टैगर और टाइम कोरिलेटर इलेक्ट्रॉनिक्स मॉड्यूल की खरीद

Item Description- Procurement of Time Tagger and Time Correlator Electronics Module

टाइम टैगर और टाइम कोरिलेटर इलेक्ट्रॉनिक्स मॉड्यूल की खरीद के लिए संस्थान की वेबसाइट www.iiserpune.ac.in और सीपीपी पोर्टल पर 05/06/2023 को प्रकाशित ग्लोबल टेंडर देखें।

Refer a Global tender published on Institute website www.iiserpune.ac.in and on CPP Portal on 05/06/2023 for procurement of Time Tagger and Time Correlator Electronics Module.

प्री-बिड मीटिंग 14/06/2023 को अपराह्न 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:

Pre-Bid meeting was held on 14/06/2023 at 3.00 PM and minutes of meeting is as under:

प्रारंभ में, समिति ने सभी सदस्यों और संभावित बोलीदाताओं के प्रतिनिधियों का स्वागत किया और सामान्य तौर पर निविदा के दायरे की जानकारी दी और उसके बाद कार्यालय अधीक्षक (एसएंडपी) से बोलीदाताओं को निविदा की मुख्य विशेषताओं के बारे में जानकारी देने का अनुरोध किया।

At the outset, the committee welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender and thereafter requested Office Superintendent (S&P) to brief the bidders on the salient features of the tender.

उपस्थित प्रतिनिधि दिए गए उत्तरों से संतुष्ट थे और यह सूचित किया गया था कि प्री-बिड कॉन्फ्रेंस के दौरान की गई चर्चा के अनुसार दिए गए सुधार / परिवर्धन / स्पष्टीकरण को IISER पुणे की वेबसाइट पर होस्ट किया जाएगा और सभी संभावित बोलीदाताओं को बोली दस्तावेजों में निर्धारित अनुसार अपनी बोली जमा करने से पहले प्री-बिड सम्मेलन की कार्यवाही का संज्ञान लेना आवश्यक है।

The representatives present were satisfied with the replies given and it was informed that the corrections / additons / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

हमारी आईआईएसईआर वेबसाइट www.iiserpune.ac.in पर जारी नोटिस के अन्य नियम और शर्तें अपरिवर्तित रहेंगी। इस संबंध में और कोई पत्राचार नहीं किया जाएगा

The other terms & conditions of the notice issued on our IISER website www.iiserpune.ac.in will remain unchanged. No more correspondence in this regard will be entertained

बैठक अध्यक्ष के धन्यवाद प्रस्ताव के साथ समाप्त हुई।

The meeting ended with vote of thanks to the Chair

14/06/2023

सहायक कुलसचिव (भांडार एवं क्रय)
Assistant Registrar (S&P)

TECHNICAL AND COMMERCIAL QUERIES AND CLARIFICATION

PRE-BID CONFERENCE FOR PROCUREMENT OF TIME TAGGER AND TIME CORRELATOR ELECTRONICS MODULE

S. No	Query/Clarification Sought	Clarification / Amendment
1	wants the additional item # 2 with 350-900 nm or better	We accept the additional item # 2 with revised specification as 'At least 400-900 nm or even wider wavelength ranges' are allowed
2	Warranty 1 year, Additional one year as Optional	1 year Warranty. Additional year can be quoted as optional
3	Wants to bid only for the Main item # 1	Yes, Allowed. Quote will be considered for item # 1 only.
4	Wants to offer a combined system of items 1-3.	Yes, Allowed. Only if the vendor can quote separately for all 3 items including the Main Item # 1
5	Power supplies of combined system for all items will be in-built to the combined system	Yes, Allowed. Only if the vendor can quote separately for all 3 items including the Main Item # 1.
6	Is AMC required?	These instruments won't require AMC.
7	Requires Main Item No. 1 with 300 pS Timing Jitter	No. This is a lower level system with less timing resolution. So not allowed.
8	Requires Additional Item # 2 with 370-900 nm	We accept the additional item # 2 with revised specification as 'At least 400-900 nm or even wider wavelength ranges' are allowed
9	Requires Additional item # 2 with Efficiency 48% at 450 nm	Higher efficiency helps in Quantum Optical Measurements of Single Photons. This criterion won't be relaxed.

Revised Specs after Pre-bid Meeting of GTE on 14th June, 2023.

1) **Main Indent Item:** Time Tagger and Time Correlator Electronics Module for $g^{(2)}[t]$ experiments along with required power supplies/cables (240V, 50 Hz), accessories like all required SMA signal cables and inclusive of all required software(s) for stand-alone operation with the following Specifications: Quantity - 01

- a) Number of Channels: At least 4 and/or more. Marks: 35
- b) Timing Jitter: ≤ 35 pS RMS, Marks : 35
- c) Dead Time: ≤ 10 nS; Marks : 30

Total Marks : 100

Passing Marks ≥ 85

2) **Additional Item:** Single Photon Counting Detectors along with power supplies and all required accessories for independent operation – Quantity 02

- a. Spectral Range: At least 400-900 nm or even wider wavelength ranges. Marks : 25
- b. Max Efficiency $\geq 50\%$ (Even higher value is technically preferable), Marks : 25
- c. Dark count rate ≤ 100 counts/s (Even smaller is technically more preferable), Marks : 25
- d. Multi-Mode, ≥ 50 microns wide FC/PC Fiber Input. Marks : 25

Total Marks : 100

Passing Marks ≥ 85

3) **Additional Item:** pico-second pulsed diode laser along with power supply and all required accessories for independent operation – Quantity 01

- a. Center Wavelength 405 nm, Marks : 25
- b. Repetition Rate ≥ 20 MHz (technically more preferable if 50 MHz or 80 MHz), Marks : 25
- c. Pulse Width Down to < 60 ps (Even smaller value is technically more preferable), Marks : 25
- d. Multi-Mode, 50 microns wide FC/PC Fiber Output. Marks : 25

Total Marks : 100

Passing Marks ≥ 85