



**SIDBI INNOVATION AND INCUBATION CENTRE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR**



To,

Ref No: IIT/ SIIC/Mole/AFG/BV/25-11-2014

INVITATION FOR QUOTATIONS FOR SUPPLY OF ARBITRARY FUNCTION GENERATOR

Brief Description of the Goods	Specifications*	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
ARBITRARY FUNCTION GENERATOR	Mentioned below	05	20 Days	Central Store, IIT Kanpur	Yes

<p>Arbitrary Function Generator Bandwidth:0-20/25MHz Waveforms Standard: Sine, Square, Ramp, Triangle, Pulse, Noise, DC Built-in Arbitrary: Exponential rise, Exponential fall, Negative ramp, Sin(x)/x, Cardiac. Waveform Characteristics Sine Frequency: 1 µHz to 20 MHz, 1 µHz resolution Square Frequency: 1 µHz to 20 MHz, 1 µHz resolution Rise/Fall Time: < 13 ns Variable Duty Cycle: 20% - 80% (to 10 MHz)40% - 60% (to 20 MHz) Asymmetry (@ 50% Duty): 1% of period + 5 ns Jitter (RMS): 1 ns + 100 ppm of period Ramp, Triangle Frequency: 1 µHz to 200 kHz, 1 µHz resolution Variable Symmetry: 0.0% to 100.0% Pulse Frequency: 500 µHz to 5 MHz, 1 µHz resolution Pulse Width (period <10 s): 20 ns minimum, 10 ns resolution Variable Edge Time: < 13 ns to 100 ns Jitter (RMS): 300 ps + 0.1 ppm of period</p>	5 Nos.
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Noise

Bandwidth: 10 MHz,

Arbitrary

Frequency: 1 μ Hz to 6 MHz,

1 μ Hz resolution, Amplitude Resolution: 14 bits

Sample Rate: 50 MSa/s

Minimum Rise/Fall Time: 35 ns, typical

Renowned Manufacturers like:- Hameg, Agilent, Tektronix, Yokogawa, Lecroy etc

Terms & Condition

1. The scope includes:

- a. Setting up machine in IIT Kanpur.
- b. Initial Installation and configuration.
- c. Training.

2. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price. **Except Central Excise Duty & CDEC** (custom duty), as IIT Kanpur is exempted from these duty.
- c) Sales tax in connection with the sale shall be shown separately.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- e) The Prices shall be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

4. Validity of Quotation

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

5. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which



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- (a) are properly signed ; and
- (b) Conform to the terms and conditions, and specification

The Quotations would be evaluated separately for each item

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

6. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive (includes technically suitable) and who has offered the lowest evaluated quotation price.

- 6.1 Notwithstanding the above, **the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.**
- 6.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
- 7. Payment shall be 90% against the delivery and 10% after satisfactory installation & configuration.
- 8. Warranty/ guarantee shall be 60 months to the supplied goods.
- 9. You are requested to provide your offer latest by 2.30 p.m. hours on 05/12/2014
- 10. We look forward to receiving your quotations and thank you for your interest in this project.



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FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	TOTAL						
	Sales Tax						

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.(amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of 60 months shall apply to the offered goods.

Signature of Supplier

SPECIAL CONDITION

1) Authorization from Manufacturer

In the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in India.

2) Proof of Manufacturing and past performance.

Details of experience and past performance of the bidder on equipment



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offered and on those of similar nature within the past one years and details of current contracts in hand and other commitments.

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