



Indira Gandhi Engineering College, Sagar, Jabalpur Road, Baheriya
Gadgad, Near Makronia Railway Station, Sagar – 470021

Email Id – prinigec.sgr@mp.gov.in

INVITATION FOR QUOTATION

Package Code: TEQIP-III/MP/igec/62 13072 16/09/19

Current Date: 12-Sep-2019

Package Name: IGEC/EE/HV-2/EQIP/01,02,03,04

Method: Shopping Goods

For uploading on the Institute Website

Subject: INVITATION FOR QUOTATION FOR SUPPLY OF GOODS

Dear Sir,

- You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I.

Sr. No	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1.	50mm Sphere gap apparatus with electrodes motorized	1	EE Department, I.G. Engineering College, Sagar	Installation should be done free of cost.
2.	100kV Oil test kit motorized	1	EE Department, I.G. Engineering College, Sagar	Installation should be done free of cost.
3.	Schering bridge 12kV, 100mA	1	EE Department, I.G. Engineering College, Sagar	Installation should be done free of cost.
4.	200 MHz DSO suitable for Impulse generator	1	EE Department, I.G. Engineering College, Sagar	Installation should be done free of cost.

- Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme [TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

3. Quotation

- 3.1 The contract shall be for the full quantity as described above.
- 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
- 3.4 Applicable taxes shall be quoted separately for all items.
- 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 3.6 The Prices should be quoted in Indian Rupees only.
4. Each bidder shall submit only one quotation.
5. Quotation shall remain valid for a period not less than **90** days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive, i.e., which
 - 6.1 are properly signed; and
 - 6.2 Confirm to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items together.
8. Award of contract - The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
 - 8.1 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.
 - 8.2 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.
9. Payment shall be made in Indian Rupees as follows:

Payment Description

Satisfactory Delivery, Acceptance, Installation & Testing

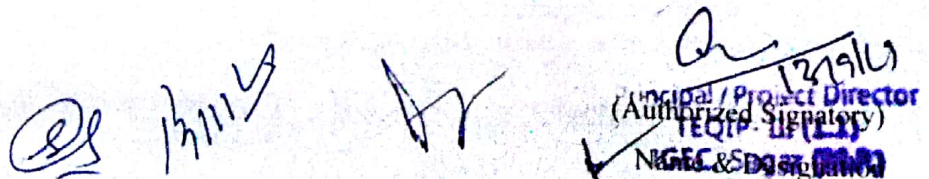
Expected Delivery Period (in Days)

30

Payment Percentage

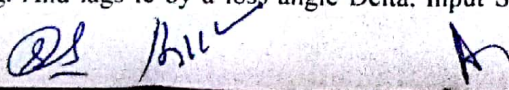
100

10. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min % : N/A
Liquidated Damages Max % : N/A
11. All supplied items are under warranty of **24** months from the date of successful acceptance of items and AMC/Others is **No**.
12. You are requested to provide your offer latest by **14:00** hours on **01-Oct-2019**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) – **Training on operation and handling of equipments free of cost as per department requirements.**
15. Testing/Installation Clause (if any) – **Full installation and testing/demonstration free of cost.**
16. Performance Security shall be applicable: **0%**
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below, **Indira Gandhi Engineering College, Sagar, Jabalpur Road, Baheriya Gadgad, Near Makronia Railway Station, Sagar – 470021**
19. **Qualification Criteria** : The bidder/supplier should have :
- 19.1 A minimum of 3 years experience of supplying similar items.
- 19.2 A turnover of Rs. 100 lakhs at least once in three years.
- 19.3 Not been blacklisted by any Government Institution/Organization.
20. The quotation should include the following information :
- 20.1 The copies of original documents defining the constitution or legal status, place of registration and principal place of business of the company firm or partnership etc. in India.
- 20.2 Report on financial status (balance sheet and auditor's report for the past three years).
- 20.3 An affidavit for not being blacklisted by any Government Institution/Organization.
- 20.4 Authorization Certificate from the OEM/Principal (if bidder/supplier is not an OEM) assuring full guarantee and warranty obligations during the liability period, for the goods offered.
- 20.5 The list of clients duly supported by copies of purchase orders, installation and performance report signed by purchasers/users.
21. In case of failure to supply the goods within the prescribed time and in accordance with the specifications given in the contract/purchase order, the institute shall be free to cancel the order and make purchase from the next higher tenderer/from the open market as the case may be.
22. The competent authority reserves the right to increase or decrease the quantity of any item of sale, during the period of contract. The tenderer/bidder will be bound to comply with the order of the competent authority without any claim and compensation.
23. Any controversy will be subject to disposal in Sagar Jurisdiction only.
24. Damaged, defective or substandard material will not be accepted under any circumstances.
25. Preference will be given to :
- 25.1 The bidders possessing relevant certification by an authorized body such as ISO etc., copy of which must be enclosed.
- 25.2 The bidders that have quoted the item certified for standard, quality and safety such as BIS, ISI etc., copies of which must be enclosed.
26. After the award of contract, firm has to get approved the plan for the complete work including: design of control & distribution panel, cable layout, earthing system, etc. from IGEC, Sagar.
27. The layout plan details of work of installation & commissioning etc. should be supplied with the tender document.
28. Please mention following on top of the sealed quotation submission envelope –
- 26.1. TEQIP – III
- 26.2 Package Code
- 26.3 Don't open before 02:00 PM on 01 Oct, 2019.
29. We look forward to receiving your quotation and thank you for your interest in this project.

The bottom of the page features several handwritten signatures in blue ink. To the right, there is a blue circular stamp with the text 'Principal / Project Director (Authorized Signatory) TEQIP - III' and a date stamp '13/11/19'. Below this, there is a blue rectangular stamp with the text 'IGEC & Sagar'.

Annexure I

Sr. No	Item Name	Specifications
1.	50mm Sphere gap apparatus with electrodes motorized	<p><u>50mm Sphere gap apparatus with electrodes motorized</u></p> <p>Technical Specifications</p> <p>Sphere-sphere 50mm dia, 180gms Sphere gap apparatus with electrodes motorized, Water resistor: 100 to 1000kΩ, Operating Temperature: -5°C to +45°C, Frame/ Stand: Epoxy fiber glass stand painted with anti-tracking paint, Measurement: Micrometer scale (Horizontal Type) Dial scale (Vertical Type), Storage Temperature: -20°C to +60°C. Sphere Material: Copper / Brass / Stainless Steel. Four set of Point-point (needle)electrodes : 52mm long x 15mm dia, 63gms, Plain-plain electrodes : 52mm long x 15mm dia, 70gms, Plate-plate (parallel) : 52mm long x 50mm dia, 120gms, Square electrodes : 52mm long x 16mm square, 120gms, A.C Voltage: 100kV (rms), D.C Voltage: 100kV, Height: approx. 800mm, Weight: 18 - 20kg. The sphere gap must be motorized. The sphere gap should be such designed that in the case of collision the spheres, slip should take place to avoid the damage of spheres. Suitable connecting cup and rod should be provided with the sphere gap. Sphere gap should be capable of measuring High Voltage AC and DC output. This equipment should be made to match international standards. The sphere should be mirror finish plated.</p>
2.	100kV Oil test kit motorized	<p><u>100kV Oil test kit motorized</u></p> <p>Technical Specification</p> <p>Type: Motorized, Output Voltage: 0-100kV, Transformer Capacity: 750VA, Tripping Current: 2-5mA, Voltage Accuracy: $\pm 2\%$, Power Consumption: 80VA, Voltage rise rate : 1.5kV-2kV per sec, Trip time : < 0.5 cycles, Electrode type: Mushroom head made of brass. Input Power Supply: 1ph 230V AC, 50Hz. Standard Delivery Includes Test Kit, Oil Cell, Gap adjusting gauge, Allen Key, Connecting Wires, Instruction Manual. Type cascaded Type of transformer shell type of cooling oil cooled. Epoxy fiber glass with peticoats. MS tank with proper bushings, corona rings with polished surface. Oil cooled rectifier & filter. The Oil Testing Kit are available in manual, semi-automatic (motorized) and fully automatic operation. The equipment is designed to meet international standard and the test cell supplied is as per IS 6792 & IEC 60156. It has an in-built memory which retains the kV meter reading. Easy operation, Faster trip time < 0.5cycles, Rugged and reliable Tests insulating oils as per ASTM and IEC specifications, Automatic HV shutdown at breakdown, Memory on kV meter, Safety :Door Interlock Zero Interlock HT Limit.</p>
3.	Schering bridge 12kV, 100mA	<p><u>Schering bridge 12kV, 100mA</u></p> <p>Technical Specification</p> <p>The Capacitance & Tan-Delta Test Systems is the instrument, after some minor calculations directly gives the capacitance value and Dissipation Factor (Tan-Delta) value of the insulation materials when used with the required power source. An insulating material, when stressed in an A.C. Field draws both charging current and small dissipative (loss) current. Thus the Total Current $-I_c + I_r$, which leads the voltage by a phase angle which is <90deg. And lags I_c by a loss angle Delta. Input Supply : 1ph</p>



4. 200 MHz DSO
suitable for
Impulse
generator

230V AC, 50Hz, Output AC Voltage : 0-12kV AC, Leakage Current : 0-100mA, Capacitance Range : 1pf-0.1uf for standard capacitor of 100pf Resolution : Minimum, resolution of 0.1pf, 1pf, 10pf corresponding to Cx factor of 0.01, 0.1 & respectively, Null Detector : Built-in with Sensitivity adjustment, Power Supply : 9V dry Battery for Null Meter. Standard Delivery Includes Control panel AC source 12kV, 100mA, Standard Capacitor 12kV, Schering Bridge with High Sensitive Null Detector, Input Power Cable-3m#, HT Cable with Alligator clips, Interconnection cable, Grounding wire, Instruction Manual, Test/Calibration Certificate. Features Digital Voltmeter Digital Leakage Current Meter Open Ground Indication Null meter sensitivity adjustment Multiturn knob for precise control. Safety : Zero interlock Emergency off Signs and warning indicators.

200 MHz DSO suitable for Impulse generator

Technical Specification

Bandwidth: 200 MHz, Channels 2 Sample rate on each channel 2.0 GS/s, Record length 2.5k points at all-time bases.

Key Performance Specifications

200MHz, 150 MHz, 100 MHz, 70 MHz, 50 MHz, and 30 MHz, bandwidth models, 2-channel models, Up to 2 GS/s sample rate on all channels, 2.5k point record length on all channels, Advanced triggers including pulse and line-selectable video triggers. 7 inch WVGA (800X480) Active TFT Color Display 34 automated measurements. Dual window FFT, simultaneously monitors both the time and frequency domains Built-in waveform limit and TrendPlot™ testing. Dual channel frequency counter Zoom Function. Automated, extended data logging feature Autoset and auto-ranging functions Built-in context-sensitive help. Multiple-language user interface. Small footprint and lightweight - Only 4.9 in. (124 mm) deep and 4.4 lb.(2 kg) Isolation float voltage 600 Vrms min (reference to earth). USB 2.0 host port on the front panel for quick and easy data storage. USB 2.0 device port on rear panel for easy connection to a PC Dc gain accuracy +/-3%. Horizontal accuracy +/-50ppm. Linear dynamic range +/-5V. Time /division range 2.5 nsto 50s/division.



FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To: _____

Sl. No.	Description of goods \ (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex-Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

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

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____