

INVITATION FOR QUOTATION

TEQIP-III/2018/geca/Shopping/20

31-Jul-2018

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

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

Sr. No	Brief Description	Quantity	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	Determine capacitance and dielectric loss of an insulating material using Schering bridge.	1	60	Govt. Engineering College	Onsite testing and installation required cost must be included in quotation
2	Determine dielectric strength of transformer oil	1	60	Ajmer NH-8 Barliya	
3	High Vacuum Oil Filter Machine	1	60	Choraha	
4	Study high voltage testing of electrical equipment: line insulator, cable, bushing, power capacitor,	1	60	Ajmer-305025	
5	Study solid dielectrics used in power apparatus & Study applications of insulating materials.	1	60		

2. 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, initialing, 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 **55** 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:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

10. All supplied items are under warranty of **24** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **14:00** hours on **24-Aug-2018** .

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any)

14. Testing/Installation Clause (if any) **Onsite Installation and testing required price must be included in quotation**

15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below,

N.H.8 , BARLIYA CIRCLE, NEAR NARELI TEMPLE, AJMER

17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	Determine capacitance and dielectric loss of an insulating material using Schering bridge.	<p>Electrical properties of insulating systems change due to age and continuous electrical stress. By measuring electrical properties such as capacitance and Tan – Delta regularly it should possible to ensure the operational reliability of H.V. insulating system and to avoid costly breakdowns. This is particularly important for HV bushings, Power Transformers, Generator, Power Capacitors, H.T. cables etc. Interference Suppression The Capacitance & Dissipation Factor Test System has been specially shielded with configured layouts of mu-metal sheets to avoid the effect of external interferences. This makes the measurement accurate in outdoor applications particularly in very high magnetic induction Switch yards. Phase reversal switch provided in the H.V. Power Supply effectively cancels interference/pick up by the object under test in energized environment. There is a separate 3-level interference Suppression unit that is also provided for situation where the induction is too excessive, and cannot be cancelled even by phase reversal switch. Operation schering bridge for Tan delta tester 10kv includes have Power Source, Standard Capacitor (SF6 Gas Filled), and set of cables. The compact design of the system uses the principle of three winding differential transformer on a high permeability mu-metal core. The set is contained in a sturdy metallic housing with mu-metal lining which shields it from external electromagnetic & electrostatic influences. Built-in battery powered Null indicator makes the system suitable for operation in workshop, factories, High Voltage Switch Yards etc. It is suitable for both grounded as well as ungrounded objects. Protection The system should be provided with High Voltage Protection Devices which protect the system and operator against failure of test object or standard capacitor. The other safety features are –</p> <ul style="list-style-type: none"> • Zero start control
2	Determine dielectric strength of transformer oil	<p>It should be self contained compact and portable sets giving smooth variable output voltage from 0 to 60 KV. These testers should be designed for testing the die-electric breakdown strength of insulating liquids. Technical specifications: Input:0-230V Output:0-60kv Capacity: 20Ma. Component specification: Main On/Off switch and one main ON indicator (1 Nos) Increase Decrease switch (1 Nos) H.T. ON Off push button switch</p>

3	High Vacuum Oil Filter Machine	The plant will be suitable for carrying out following operations:- 1. Degassing, Dehydration and Filtering Transformer oil under high vacuum 2. Filling of treated oil in to transformer tank. 3. Filtration and Dehydration of Transformer 4. The plant will be capable of attaining the following oil parameters in 3/5 passes. a. Breakdowns voltage with 2.5mm electrode gap - 50-70kV b. Moisture content - upto <5ppm c. Neutralization value
4	Study high voltage testing of electrical equipment: line insulator, cable, bushing, power capacitor,	Module construction kits should be able to design the generation of 100 KV rating current (AC), 140 KV direct current (DC) and impulse high voltage (HV) by construction kit element, available of indoor design. It must be an ideal test system to use when training students in college programs and for application in research and development. The following components should be within the system : Console, including switch, on-off switch, regulator output voltage indicator
5	Study solid dielectrics used in power apparatus & Study applications of insulating materials.	This kit is used for the purpose of determining the HV breakdown voltage of the insulation materials used in manufacturing of the transformers. SPECIFICATION: Input voltage: 220V, 1?, 50Hz AC supply. Input current: 4 Amps. Output voltage: 30,000 volts AC. Output current: 30mA SPECIAL FEATURES: Enclosures are made from CR sheet with duly galvanized and powder coated. Necessary push button and indicators with identification are provided for the easy operation. Built in fuse protection ,built in over current protection. Start / stop / reset switch. Trip status indicator METERS: •30KV AC meter for measuring the HV breakdown voltage. •30mA AC meter for measuring the breakdown current. Digital Timer is provided for withstand test which i.e for 60sec. Testing of Insulators, Bushings,

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: _____