INVITATION FOR QUOTATION

TEQIP-III/2018/gcej/Shopping/51 **15-Sep-2018**

To,

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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	DC Rectifier unit	1	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
2	Determination of leakage current on pin insulator	1	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
3	Determination of positive ,negative, and zero sequence reactance	3	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING &	YES

	of 3 phase transformers using sequence current excitation fault calculation			TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	
4	Experiment kit to study ABCD, H,Z and image parameters of short, medium and long transmission line	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
5	Experiment kit to study the performance characteristics of a typical DC, Radial & Ring main distribution training system .	3	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
6	Fault location of under ground cables	3	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
7	Measurement of capacitance of 3 core cable	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
8	Simulation of string insulators	3	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES

9	Symmetrical and unsymmetrical fault demonstrator	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES

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 **15:00** hours on **01-Oct-2018 .**
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **YES**
14. Testing/Installation Clause (if any) **YES**
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,
    Chak Bhalwal, jammu
17. We look forward to receiving your quotation and thank you for your interest in this project.

PRINCIPAL
Govt. College of Engg. & Tech
Jammu

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	DC Rectifier unit	Input voltage: AC 415V(3 phase 4 wire) Output: 0 -300V DC voltage continuous motorized variable Output current: 100A(continuous rating) Ripple factor: less than 5%. Metering display: digital voltage/current. The rectifier unit should have short circuit protection and electrical isolation(Cu double wound transformer) between main supply and DC output. Other requirements: Adequate number of patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connection, Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.
2	Determination of leakage current on pin insulator	High voltage protection and source unit 10KV. Consisting of a panel closed type with front hylam sheet. Other requirements: Adequate number patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connection/, Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.
3	Determination of positive ,negative, and zero sequence reactance of 3 phase transformers using sequence current excitation fault calculation	MCB for switching on with indications and terminals provided at appropriate places for connections. 3phase Auto transformer, 10 amps-1No. 3phase star/delta transformer shell type 400/200V AC 2KVA Metering: 200VAC, 10A AC, 500V AC digital meters. Consisting of a panel closed type with front hylam sheet . Other requirements: Adequate number of patch cords/connecting leads, Good quality reliable terminal/sockets required at appropriate places on panel for connection/ Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.

4	Experiment kit to study ABCD, H,Z and image parameters of short, medium and long transmission line	Mains supply 230V±10% AC , 50HZ Single phase variac , input 230V , Output 0-270V, Current 0-2A or more with a display measurement of voltage , current, active power, reactive power and apparent power. Loads: resistive , inductive and capacitive. Other requirements: Adequate number of patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connections/observations, Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.
5	Experiment kit to study the performance characteristics of a typical DC, Radial & Ring main distribution training system .	Mains supply 230 volts ±10% voltage AC, 50HZ, with inbuilt isolated DC output supply. Rated voltage 0 to 220 Volt ±10% (variable) current rating 2A or more, having suitable no. of digital DC voltmeters and digital DC ammeters or other displays to show the requisite values of voltages and currents. Variac: input 230 volts, output, 0 to 270 volts . current 2A or more. Other requirements: Adequate number of patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connection/observations. Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.
6	Fault location of under ground cables	(Murray loop bridge type) Consisting of a panel closed type . Strongly supported by lab Other requirements: Adequate number patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connection/ Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.
7	Measurement of capacitance of 3 core cable	Bridge type. Consisting of a panel closed type . Strongly supported by lab Other requirements: Adequate number patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connection/ Strongly supported by lab manual/diagrammatic representation, detailed operating

		instructions.
8	Simulation of string insulators	Determination of voltage distribution and string efficiency. MCB for switching on with indications and terminals provided at appropriate places for connections. Metering: 200V AC digital type. Single phase Auto transformer 3 amps- 1No, Neon indications (LED)-1No. Consisting of a panel closed type . Other requirements: Adequate number of patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connection, Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.
9	Symmetrical and unsymmetrical fault demonstrator	Line to ground fault analysis of single phase transmission line. Line to ground, line to line, double line to ground, symmetrical fault analysis of three phase transmission line. Input supply: 0-415 V AC ±10% 50 HZ. iliary supply: 0-230 V AC ±10% Three phase transformer: rating 1KVA, primary voltage 415V AC (Line voltage),secondary voltage 240V AC (Line voltage). Potential transformer: Primary voltage 240 V AC ,Secondary voltage 18 V AC , Current 500mA Current transformer: Ratio 1:1 and 1:2500. Current 5A and 20A, Operating voltage 30V , Fault current 5A . With Voltmeter: 500V AC, Ammeter: 5A AC , MCB: 10A . Other requirements: Adequate number of patch cords/connecting leads, Good quality, reliable terminal/sockets required at appropriate places on panel for connections, Strongly supported by lab manual/diagrammatic representation, detailed operating instructions.

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

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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: _____