

INVITATION FOR QUOTATION

TEQIP-III/2018/gcej/Shopping/50

15-Sep-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	Bucholtz Relay Test kit. This set is designed to study the working principle of Bucholtz relay.	1	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
2	Digital Voltage Relay (OV & UV) Test Kit. This Set up is deigned to study the working principle and DMT/IDMT Characteristics of single phase OVER/UNDER VOLTAGE RELAY(Microcontroller type)	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES

3	Electromechanical over current relay Test Kit designed to Study the working principle and IDMT Characteristics of Single phase IDMT Type over current relay (electromechanical type)	1	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
4	Fuse Testing Kit-to study different types of Fuse Characteristics.Fuse Testing Kit-to study different types of Fuse Characteristics.	1	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
5	High Voltage Oil Testing - 100KV-(Motorized)	1	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
6	MCB Testing Kit to study different types of MCB – Characteristics	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
7	Potential Transformer testing Kit for the determination of phase angle error and ratio error of potential transformer rated for 110v or 110/220V.	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES

8	Relay test kit: kit is designed to test the characteristics of various electromechanical/static type relays like over current relay , Earth fault relay, over voltage relay, under voltage relay type relays etc.	2	30	PRINCIPAL GOVT. COLLEGE OF ENGINEERING & TECHNOLOGY CHAK BHALWAL, JAMMU-181122 (J&K)	YES
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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**

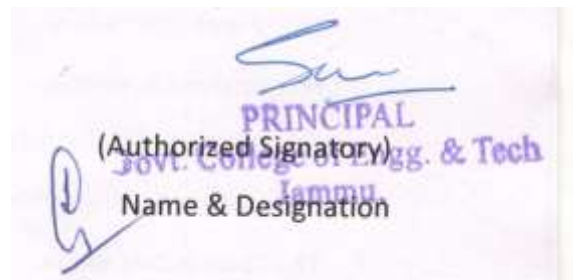
14. Testing/Installation Clause (if any) **YES**

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.



Handwritten signature in blue ink above a purple official stamp. The stamp text reads: **PRINCIPAL**, (Authorized Signatory), Govt. College of Engg. & Tech, Jammu. Below the stamp, the text 'Name & Designation' is printed. A handwritten signature is also visible to the left of the stamp.

Annexure I

Sr. No	Item Name	Specifications
1	Bucholtz Relay Test kit. This set is designed to study the working principle of Bucholtz relay.	It consists of : one Gas activated Bucholtz relay fixed on a frame: Alarm contact and Trip contact: Mechanical set up to simulate the transformer model: Foot pump is provided to simulate low oil level simulation: Lamp is provided to indicate the trip status;
2	Digital Voltage Relay (OV & UV) Test Kit. This Set up is deigned to study the working principle and DMT/IDMT Characteristics of single phase OVER/UNDER VOLTAGE RELAY(Microcontroller type)	Set up Consists of :(1) Microcontroller type over current relay –DMT &IDMT : (2)Relay test Kit with meter(Voltage injector Kit): Under/over voltage relay: Type: microcontroller based under/ over voltage relay: PT input: 110V, AC: PMS : 50%-200% in steps of 25%: TMS : 0.1 to 1 in steps of 0.1 s: Function : IDMT . Features: Both OC and UC. characteristics: <ul style="list-style-type: none"> • 24 X4 LCD indicator for set & actual current indication and trip status indication. • • In built stop clock for trip time indication. • 4 numbers of touch keys for parameter setting &ion. • • Banana connectors for CT input. • DMT /IDMT characteristics ion. • “NC & NO” contact@ 230V AC , 5A rating. • 230V ac input Relay test Kit(Voltage injector kit) • One variable AC voltage source 0- 300V ,AC. • Auto transformer is provided to adjust the voltage output. • • Digital AC voltmeter 0- 300v to measure voltage output. • Automatic trip time measurement circuit(ATTM) FOR RELAY TRIP TIME MEASUREMENT.
3	Electromechanical over current relay Test Kit designed to Study the working principle and IDMT Characteristics of Single phase IDMT Type over current relay	Set up consists of :(1)Electromechanical type-over current relay.IDMT Type (2).Relay test kit. (CURRENT INJECTION UNIT) OVER CURRENT RELAY: Type :Single Pole/element over current Relay. CT input: 5A. PMS: 50%-200% in steps of

	(electromechanical type)	<p>25%. TMS: 0.1 TO 1 IN STEPS OF 0.1 s. Function: IDMT . Curve : IDMT curve of 3 sec as per IEC-255. Features: Self powered, Hand reset type- Mechanical flag indicator. OVER CURRENT RELAY TEST KIT: Designed to test the over current relay with IDMT characteristics: It consists of : variable AC current Source of 0-25A . AC ammeter (0-30A) / 3.5 digit to measure the current input in amp. Automatic tripping time measurement circuit(ATTM circuit): START push button is provided in ATTM circuit: STOP push button is provided in ATTM circuit: LCD – Digital stop clock is provided in ATTM circuit to measure trip time: RESET switch is provided in the front panel to restart the digital clock:</p>
4	Fuse Testing Kit-to study different types of Fuse Characteristics.Fuse Testing Kit-to study different types of Fuse Characteristics.	<p>The fuse testing kit must be provided with test jig for connection of fuse terminals.Digital ammeter and time interval meter is provided for reading the values of current and time taken for breakdown. Input: 1ph-230V,AC, 50Hz. Output:50A. Range:1A, 2A, 5A, 10A ,20A, 50A, (able). Zero current detector: < 25mA. Time interval meter:- .0001 to 9999 Sec. Ammeter: 3 1/2 Digit.</p>
5	High Voltage Oil Testing -100KV-(Motorized)	<p>TYPE: Motorized Type Out put voltage: 0-100Kv ,Power consumption :80VA. Transformer capacity:750VA. Tripping Current:2-5A. Electrode type: Mushroo Head made of brass/Stainless steel. Input power:1 Ph-230V, AC-50Hz. Voltage rise :1.5V-2KV-per Sec. Automatic HV-Shut down and break down. Door- interlock-Signs and warning indicators-Digital meters-Oil cell –Gap adjusting gauge,-Allen key-Connecting leads. Mannual of instructions for performing the experiment.</p>
6	MCB Testing Kit to study different types of MCB – Characteristics	<p>MCB-test Kit must be provided with a test jig along with MCBs of different ratings. Input: 1-ph-230V-AC, 50Hz. Output:50A Range: 1A,2A,5A,10A,20A,50A(Selactable). Zero –current</p>

		<p>detector: <25MA. Digital Time Interval meter: .0001 to 9999 Sec. Digital Ammeter:31/2 Digit. Connecting leads and instruction manual for performing experiment.</p>
7	<p>Potential Transformer testing Kit for the determination of phase angle error and ratio error of potential transformer rated for 110v or 110/220V.</p>	<p>Input: 1 Ph 230V AC , 50Hz. Standard PT: 220V/110V- 63.5V Burdon box:110Vupf : 50VA to 105VA. Caliberator: Phase angle error: 0 to + 20min, 0 to + 100min. , 0 to 400min. Ranges or autorange. Ratio error: 0 to + 5% . 0 to +2.5% , 0 to +10%. Or Autorange. Ammeter:31/2 Digit. Voltmeter: 31/2 Digit. Manual of instructions for experiment.</p>
8	<p>Relay test kit: kit is designed to test the characteristics of various electromechanical/static type relays like over current relay , Earth fault relay, over voltage relay, under voltage relay type relays etc.</p>	<p>Set up consists of : one 0-20A variable ac current source for testing of over current and earth fault relay: Digital AC Ammeter 0-20A to indicate the current output: 0-300v AC variable ac voltage source for testing of over voltage and under voltage relay: digital AC voltmeter 0-300v Ac to indicate the voltage out put: Automatic relay trip time measurement circuit is provided to measure the relay tripping time: START and STOP buttons are provided for automatic relay trip time measurement circuit: Stop clock with LCD is provided to measure the relay tripping time in sec/msec.: 24v /48A AC/DC illary supply is provided for relay circuit. Banana connectors for AC current , AC voltage outputs and Relay “ NC and NO, contacts.</p>

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: _____