

INVITATION FOR QUOTATION

TEQIP-II/2014/GJ1G07/Shopping/9

17-May-2014

Sub: Invitation for Quotations for supply of Goods

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	Analog Prototype board connector	14	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	
2	Blood Pressure sensor	2	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	
3	ECG Sensor kit	2	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	
4	Hand Dynamometer	2	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	
5	Hand grip heart rate monitoring	2	30	Government Engineering College, Sector-28, Gandhinagar-	

	system			382028, Gujarat	
6	o2 gas sensor kit	2	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	
7	Spirometer	2	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	
8	Surface Temperature sensor kit	2	30	Government Engineering College, Sector-28, Gandhinagar-382028, Gujarat	

1. 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 II** 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.
2. Quotation,
 - 2.1 The contract shall be for the full quantity as described above.
 - 2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 2.4 Applicable taxes shall be quoted separately for all items.
 - 2.5 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.
 - 2.6 The Prices should be quoted in Indian Rupees only.
3. Each bidder shall submit only one quotation.

4. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

5. Evaluation of Quotations,

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

5.1 are properly signed ; and

5.2 confirm to the terms and conditions, and specifications.

6. The Quotations would be evaluated for all items together.

7. 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.

7.1 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.

7.2 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.

8. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 0% of total cost

Satisfactory Acceptance - 100% of total cost

9. All supplied items are under warranty of **36** months from the date of successful acceptance of items.

10. You are requested to provide your offer latest by **15:00** hours on **10-Jun-2014** .

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

12. Training Clause (if any) **Training and demonstration should be provided as per the requirements after successful installation at the institute.**

13. Testing/Installation Clause (if any) **The approval for payment will be granted after successful installation and satisfactory performance.**

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

15. Sealed quotation to be submitted/ delivered at the address mentioned below,
Government Engineering College Nr. Animal Vaccine Institute Sector-28 Gandhinagar

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	Analog Prototype board connector	It should provide interfacing to LabVIEW software and the prototype board. It must have length of at least 1 meter with proper locking systems at both ends for assurance of proper connections.
2	Blood Pressure sensor	Calibration has to be done for below mentioned technical parameters. <ul style="list-style-type: none">• Slope: 56.11 (mm Hg/V)• Intercept: 0.00 (mm Hg)• Pressure range: 0 mm Hg to 250 mm Hg• Maximum pressure without permanent damage: 1030 mm Hg• Typical accuracy: ± 3 mm Hg• Temperature Compensated: 0°C to 50°C• Combined linearity and hysteresis: typically in the range of $\pm 0.2\%$ full scale• Response time: 100 microseconds
3	ECG Sensor kit	The calibration of below listed technical parameters are necessarily done. <ul style="list-style-type: none">• Offset: ~ 1.00 V (± 0.3 V)• Gain: 1 mV body potential / 1 V
4	Hand	The calibration of below listed technical parameters is necessarily done.

	Dynamometer	<ul style="list-style-type: none"> • Accuracy: ± 0.6 N • Power: 7 mA @ 5VDC • Resolution: 12 Bit Resolution (0.2141 N) • Operational range: 0 to 600 N • Safety range (Maximum Force without damage done to sensor): 0 to 850N
5	Hand grip heart rate monitoring system	<ol style="list-style-type: none"> i. Receiver range: 80– 100 cm ii. Transmitter transmission frequency: 5 kHz $\pm 10\%$ iii. Receiver current consumption: 30– 55 μA iv. Transmitter operating temperature: 0– 60 ° C
6	o2 gas sensor kit	<ol style="list-style-type: none"> i. Measurement Range: 0– 27% (0-270 ppt) ii. Accuracy (@ Standard Pressure 760 mmHg) iii. Resolution: 0.01% iv. Response Time: ~ 12 seconds v. Warm-Up Time: Less than 5 seconds
7	Spirometer	<ul style="list-style-type: none"> • Flow rate ± 10 L/s • Dead Space 93 mL • Nominal Output 60 μV/[L/s] • Detachable Flow Head • Dimensions: 80.5 mm (diameter) \times 101.5 mm (length) • Mass: 80 g • Construction clear acrylic plastic • Handle • Dimensions 127 mm \times 23 mm \times 35 mm • Mass 85 g • Construction black ABS plastic • Cable length 1.5 meters • Default Sampling Rate • 100 samples/s on computer • 50 samples/s on calculator and Palm • Stored calibration • slope 7.1869 (L/s)/V • intercept -17.9672 L/s • It should contain below listed inventory items. <ul style="list-style-type: none"> ▪ Spirometer (includes sensor handle and Flow Head) ▪ 5 disposable mouthpieces ▪ 1 disposable bacterial filter ▪ 2 nose clips
8	Surface Temperature sensor kit	<ul style="list-style-type: none"> • Temperature sensor: 20 kΩ NTC Thermistor • Accuracy: $\pm 0.2^{\circ}$C at 0°C, $\pm 0.5^{\circ}$C at 100°C • Temperature range: -25 to 125°C (-13 to 257°F) • Response time (time for 90% change in reading): <ul style="list-style-type: none"> ▪ 50 seconds (in still air)

		<ul style="list-style-type: none">▪ 20 seconds (in moving air)• Probe dimensions: Probe length (handle plus body) Not more than 20 cm• Maximum temperature that the sensor can tolerate without damage: 150°C• 13bit resolution<ul style="list-style-type: none">▪ 0.04°C (-25 to 0°C)▪ 0.02°C (0 to 40°C)▪ 0.05°C (40 to 100°C)▪ 0.13°C (100 to 125°C)• 12-bit resolution<ul style="list-style-type: none">▪ 0.08°C (-25 to 0°C)▪ 0.03°C (0 to 40°C)▪ 0.1°C (40 to 100°C)▪ 0.25°C (100 to 125°C)• 10bit resolution<ul style="list-style-type: none">▪ 0.32°C (-25 to 0°C)▪ 0.12°C (0 to 40°C)▪ 0.4°C (40 to 100°C)▪ 1.0°C (100 to 125°C)
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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: _____