

Ref. No. VB/ BT/SS/ DBT- P88/2015-16/02

Dated: 22.1.2016

ENQUIRY

LAST DATE OF SUBMISSION	12.2.2016
HOURS (I.S.T)	F.N.

Dear Sir,

Please quote your lowest rate for the following item so as to reach Dr. Samiran Saha, Department of Biotechnology, Siksha Bhavana, Visva Bharati, Santiniketan- 731235 on or before the date and time noted above. *Please see terms & conditions as mentioned below, which are essential, specially item 1, the failure in compliance of which may lead to rejection of the quotation.*

Sl no.	Item Description	Quantity
1	<p>Clarke type Oxygen Electrode (Oxygen uptake and evolution measurement system)</p> <p>Part A</p> <p>The machine must be having the following specifications:</p> <ul style="list-style-type: none">i) One Spare replacement electrode disc has to be included.ii) Computer operated and controlled oxygen electrode system with USB2.0 connectivity and with direct display of traces to the monitor.iii) Real time output of oxygen electrode signal.iv) Software for data acquisition (for Windows), hardware control & data analysis.v) Measurement oxygen uptake/evolution at different temperatures by precision temperature control of the electrode and the sample, achieved by connecting the system to a thermoregulated circulating water bath.vi) Suitable for liquid & gas-phase samples with 0 – 100% oxygen concentration.vii) Suitable for the study of respiration by oxygen uptake in liquid suspensions of around 200µl - 2.5ml.viii) Suitable for oxygen measurements in small reaction volumes / a small volume gas-phase oxygen electrode chamber for respiration studies. Provided with Adapter plunger for a gas tight seal to reaction vessel.ix) Integral systems for measurement of pH & other ion-selective electrode signals.x) High resolution measurement of oxygen signals.xi) Options for System expansion to 8 channels in future.xii) Must include a Membrane applicator to assist with smooth application of electrode membrane.xiii) Must include Top plate key and alignment jigxiv) Must include Magnetic followers (PTFE coated)xv) Must include Spare Glass reaction vessel.xvi) Must include PTFE membrane roll of at least 30 metersxvii) Must include Spare O rings of assorted sizesxviii) Must include Electrode cleaning kitxix) Must include USB adapterxx) Power Supply : 95 - 260V universal input mains supply.	1

Part B – Obligate accessories for the system

1. One laptop PC with Core i3 processor, 1TB hard disc, 8GB RAM, 2GB graphics card, original Windows operating system, DVD reader/writer. – Essential for data acquisition, analysis and recording of the oxygen electrode system.
2. One thermoregulated circulating water bath suitable for external circulation with a capability for maintaining -10°C to 100°C, bath capacity 5-8 litres, having an opening of around 6 inch x6 inch with removable lid, flow rate upto around 12 lit/min, dual digital display, microprocessor PID controller, temperature accuracy $\pm 0.1^{\circ}\text{C}$, built in pump, CFC free refrigerant, operable in supply voltage : 230 V/50 Hz/1 phase. – Essential for circulating thermoregulated water supply into the oxygen electrode system to measure oxygen uptake/evolution at different temperature precisely.
3. One Set of precision variable micropipettes including the followings – Essential for sample preparation and loading into the Oxygen electrode system.
Volume range – 0.2-2.0 μl (1), 0.5-10 μl (1), 5-50 μl (1), 20-200 μl (1), 100-1000 μl (1)

N.B.

Part A and Part B materials may be quoted separately.

Price/costs should include all the taxes and quoted for delivery up to Dept. of Biotechnology, Visva-Bharati, Santiniketan.

In case of payments to be made in any foreign currency against a firm order, the payment will be made through Letter of Credit.

Terms and Conditions of Purchase

1. The offers addressed to Dr. Samiran Saha, Department of Biotechnology, Siksha Bhavana, Visva Bharati, Santiniketan- 731235, MUST be sealed and marked as “Enquiry No. VB/ BT/SS/ DBT- P88/ 2015-16/02, Dated: 22.1.2016 Due Date 12.2.2016” on the face of the envelope.
2. **Quotations will be accepted only with 2% EMD. Separate EMD has to be given for Part A and Part B materials when quoting separately.**
3. Apart from other applications in respect of the quality, standard, terms etc., the offer should specially clarify the points noted below, in the following order:
 - i) Validity of the offer
 - ii) Period of Delivery
 - iii) Place of Delivery
 - iv) Central Sales Tax/VAT Sales Tax/Service Tax
 - v) Excise Duty
 - vi) Insurance
 - vii) Packing and forwarding Charges and Freight
 - viii) Other incidental charges. The rates and terms should be noted on F.O.R. / F.O.B. basis or delivery at V.B. site

4. Below are the details of the above points:

- i) *Validity of the offer*: - Here please mention the time (From _____ To _____) up to which your quotations shall be correct. The quotationer shall have no right to revise them within the period given here on the plea of fluctuations in the marker rate. Normally the validity of the offer should be for a specified period of 90 days.
 - ii) *Time of Delivery*: - State the period during which the supplies will be effected by you in full.
 - iii) *Place of Delivery*: - Mention clearly the place of destination, and mode of transit by which the supplies will be effected without any extra charges. The University will prefer F.O.R. Santiniketan prices in case of outstation suppliers, and delivery at our site in case of local suppliers.
 - iv) *Central Sales Tax*: - State the present rates leviable. In case the same is not applicable, mention "Not Applicable" and if the prices are inclusive of this sales tax please write "Included in the Prices". *The S.T./ VAT/ I.T Pan No. or Registration Number (as the case may be should invariably be quoted in the offer, a photocopy of the latest clearance certificate of the above be enclosed with the offer, failing which the offer will not be considered.*
 - v) *Provisional Sales Tax*: - As detailed under (iv) above.
 - vi) *Excise Duty*: - As detailed under (iv) above (V.B. can provide Excise Duty exemption certificate whenever applicable).
 - vii) *Insurance*: - If the rates are inclusive of insurance please write " Included in the prices" otherwise state "Not included". In case local supplier where insurance is not necessary, they may mention "Does not arise".
 - viii) *Packing and Forwarding Charges*: - If these charges are accounted for in the prices quoted by you, please mention " Included in the prices", otherwise please give an approximate charge thereof. It may be noted that the university will pay only the actual expenses on this accounts.
 - ix) *Other incidental charges*: - Other charges which are not fully accounted for by the replies given above, may be mentioned.
5. University reserves the right to accept / cancel any of the tender or part thereof without assigning any reason.
6. Suppliers having Rate Contract with Central or Provincial Government should quote along with a certified copy of the current Government Rate Contract.
7. The offers must be accompanied by the related catalogues, leaflets, brochures and samples wherever possible. While effort is made to return the samples to the suppliers, the HOD / P.I./ Coordinator/Indenter cannot accept any responsibility in this respect.
8. All quotations should be net, after showing discounts etc.
9. If the terms of the quotations etc. are vague, incomplete, contradictory and confusing the offer will be rejected without any explanation.
10. The suppliers will be informed of the decision in due course in case of decision in their favour and any interim enquiries about offers will not be attended to.
11. Once the offer is accepted by the HOD / P.I./ Coordinator/ Indenter and the order is placed on the basis, the supplier will have to deliver the goods accordingly within the stipulated time, or meeting the compensation for loss if any on account of non execution of the supply order.
12. Liquidated Damage:-Visva-Bharati deserves the right to impose liquidated damage as and when required; the rate of penalty will be at par with the same of the Govt. of India's instruction.
13. Bank Commission where applicable will have to be borne by the supplier.
14. All disputes subject to "Bolpur, Birbhum, W.B. Jurisdiction" only.



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