

बीरबल साहनी पुरावनस्पतिविज्ञान संस्थान, लखनऊ
BIRBAL SAHNI INSTITUTE OF PALAEOBOTANY, LUCKNOW

टेलीग्राम पेलियोबॉटनी

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फैक्स ९१-९१-५२२-२७४०४८५, २७४००९८

बी सा पु सं /III/भंडार एवं क्रय/८-६७/

५३, विश्व विद्यालय मार्ग

लखनऊ - २२६००७

Date: 03.09.2015

Speed Post

Water Purification system for type-II analytical grade purified water
(Detailed specifications at the back)

Subject: -----

Dear Sirs,

This Institute intend to purchase item mentioned above. Sealed quotations are invited so as to reach this office on or before 5:00P.M. on 14.09.2015 duly superscribed by "Water Purification system for type-II analytical grade purified water" due to open in presence of vendors at a later date to be notified.

While submitting quotation please note that:

1. The material may either of indigenous manufacturer or of foreign make, available from ready stock. Any offer to supply on forward Delivery Basis under suppliers own quota license will also be considered.
2. The price quoted should be F.O.R. Destination.
3. Your rates should include packing, insurance and forwarding charges.
4. The rates of Sales Tax should be clearly indicated wherever chargeable. The tendered should also indicate Central/Sales Tax Registration Number and date in this quotation.
5. Specific mention should be made whether the offer is for supplies available ex-stock. In case the officer is on Forward Delivery basis, firm delivery period must be indicated.
6. The cover should be sealed and superscribed "Quotation for "Water Purification system for type-II analytical grade purified water" must be written on envelope in the name of "Director, Birbal Sahni Institute of Palaeobotany, Lucknow". The quotations not complying the procedure will be rejected.
7. Payments will be made by crossed cheque on The Indian Overseas Bank, Lucknow only after receipt and acceptance of supply and installation/ if required satisfactory.
8. The acceptance of the quotation will rest with the Director who does not bind himself to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotation received without assigning any reasons.
9. The quotations are liable to be cancelled if any of the above mentioned conditions are not complied with.

Yours sincerely,



(Ram Shukla)
Registrar

Specifications for water purification system

1. The water purification system can be directly fed by tap water and combine reverse osmosis & deionization technologies to produce Type II analytical grade purified water.
2. The system should have pre-filter assembly with micron/carbon & anti sequestering hardness stabilizing filters.
3. The system should be compact table top, digitally microprocessor controlled with display of product resistivity, permeate & feed conductivity, percentage rejections and should produce water at a rate not less than 10 liters/hr from a feed water supply from tap or pre-filter assembly, Hardness Stabilizing Softening Filter and also can be programmed for intermediate recirculation of stored water.
4. The features must include Auto-rinsing to keep constant water quality, monitoring self test, data acquisition by RS232C connector, alarm for filter replacement and service check.
5. The RO membranes used in the system should be of robust nature and is equipped with pressure pipes, valves, one touch clip type filters etc.
6. To store the product water, specially designed PE cylindrical reservoirs (not less than 50 liters capacity) with auto level sensors to maintain the product quality for longer period must also be provided.
7. The product water outlet pressure should be more than 1bar ($>15\text{psi}$), Conductivity $< 2000\ \mu\text{S/cm}$ @ 25°C , Calcium $< 300\ \text{ppm}$ (as CaCO_3) [if applicable], pH 4 – 10, Fouling Index <12 , Product water Temperature between 5°C and 35°C .