

**RAJIV GANDHI UNIVERSITY  
RONO HILLS, DOIMUKH - 791112  
ARUNACHAL PRADESH**

No. RGU/PC/NER-BPMC/DBT-368/2017/606

Dated the, 14<sup>th</sup> December, 2017

**Notice Inviting Quotation**

Sealed quotations are hereby invited for supply of the following items/equipment required for a major research Project sponsored by DBT NER, under the Department of Zoology, Rajiv Gandhi University, Doimukh/ Itanagar as per the details shown below with the following terms and conditions:

Equipments/ Items	Detail specifications	Quantity	Remarks
Horizontal Electrophoresis & accessories	<p>A. Gel tray dimensions 15 x 7, 15 x 10 and 15 x 15 cm approximately. Leak proof modular midi electrophoresis tank for above gel trays with lid and shock proof construction. Gel caster for the above tray sizes either inbuilt or separate assembly. Buffer requirement for the electrophoresis unit should be of minimum volume (Approx. 400-500ml). The gel trays should be UV transparent and ruler on the gel tray for tracking migration. User should be able to view the running samples at any point of time and identify the position of the samples and can easily extract the sample from the tray without using UV source. Should be suitable for Ethidium bromide stained gels. Sample preparatory combs for nucleic acid recovery and multichannel compatible combs for rapid screening of nucleic acid from 96 well plates. Each comb (8, 10, 12, 20 sample wells, 1 mm thick) should be quoted for 2 Nos Inbuilt power supply is desirable. Compatibility to run the precast gels. The precast gels may be quoted in the accessories.</p>	01 set	<p>Pre-installation requirement should be mentioned in the bids. The standard one-year warranty and additional at least one-year free service should be provided after warranty period, the annual maintenance contracts rate for next three years may also be quoted.</p> <p><u>EMD: 2000.00</u></p>
Power pack for electrophoresis system	<p>B. Output maximum (range should be programmable) of 300 V, 700-1000 mA, and 150- 300W. Microprocessor controlled constant voltage, constant current with automatic crossover. Four output terminals pairs to run four systems at a time. Timer fully adjustable. Real time editing function. LED Display Safety features: No-load detection, sudden load change detection, overload/short circuit protection, input line protection, auto power-up after power failure Input protection of Fuse on both hot and neutral. Auto recovery after power failure. Pause/resume function.</p>	01set	
Wax bath (Auto regulatory)	<p>Double wall construction, inner made out of stainless steel and outer made of mild steel sheet duly finished in powder coating paint. Temperature range ambient to 80 degrees centigrade with accuracy of 1° C and is controlled by thermostat with cups and sleeves for glass tube. At least 12 Cups and 14 sleeves. To work on 220 V Digital Temperature indicator and Digital Temperature regulator system to be present with the equipment.</p>	01 set	<p>After sale, service is required from the supplier</p> <p><u>EMD: 1000.00</u></p>

<b>Mini Generator</b>	<p>Engine: 4 stroke OHV, 45000-60000 rpm; Cooling system: forced air; Ignition system: transistor; Inverter technology; Max.output : 800-2000W,voltage : 230-250V frequency:50-100Hz, operating time: 6-12hrs( Loading @ ¼-1/2 ; portable within low weight ranges of 12-24 kg; Fuel capacity: 2.0-5.5 Liters.</p> <p>All the necessary accessories should also be quoted.</p>	<b>01 set</b>	<p>After sale, service is required from the supplier</p> <p><u>EMD: 2000.00</u></p>
<b>Water Analysis (GPS multi-parameter) equipment and accessories</b>	<p>pH,pH/mV,ORP,ammonium,Chloride,Nitrate,EC/TDs,Resistivity,salinity,turbidity,DO,atmospheric pressure and temperature measuring equipment; Unit should be waterproof, handheld/portable capable of reading water parameters. The display unit should have backlit facility for easy reading. Should be able to measure Temperature, Dissolved Oxygen, pH, ORP/Redox, Conductivity, DS, Ammonia, Ammonium, Nitrate, Chloride, Built-in barometer.4-10m length cable for field application. Supplied along with PC loaded with required software for data recording and analysis. Recorded readings individually should be stamped with time and date in GLP compliant format. Can be operated in DC or AC power supply</p> <p><b>Measurement range and accuracy:</b>  Dissolved Oxygen (% air saturation-0 to 500% - 0.01mg/l or ppm  Temperature--5 to 70°C - 0.10C  Conductivity-0 to 200 mS/cm 0.05%±1%  Salinity-0 to min 50 ppt - 0.1ppt  pH-0 to 14 units - 0.1  Total Dissolved Solids(TDS)-0 to 100 g/L  Barometer-375 to 825 mmHg  Ammonium-0 to 200 mg/L  N Nitrate-0 to 200 mg/L  N Chloride-0 to 1000 mg/L  Should have minimum 1-year onsite warranty  AMC terms and conditions beyond the warranty period to be specified  All the essential accessories to be supplied with admissible quotes.</p>	<b>01 set</b>	<p>Supplier should have proven track record of after Supporting with documentary proof. sale service.</p> <p><u>EMD: 2000.00</u></p>
<b>Oxygen cylinder (small sized)</b>	<p>These cylinders can be carried on the back within rucksack easily while travelling for live fish collection in remote areas. The cylinder must have a pressure meter, regulator, key, necessary piping and plunger for pouring required volume of oxygen into water filled live fish carrying bags. Should be above portable capacity 1.50ltrs (Gas Capacity 100lt) but easy to carry on back while walking, light in weight so that can be taken away on two wheeler,car ,etc etc. Other accessories of cylinder for gas pouring and packing of live fish may also be quoted.</p>	<b>04 sets</b>	<p>After sales, service is required</p>

**Terms and conditions:**

1. **Bid security/Earnest money as shown against each item** should be submitted along with the quotations favoring: The Registrar, Rajiv Gandhi University, Rono Hills, Payable at SBI Itanagar/Naharlagun or Vijaya Bank, Itanagar/Naharlagun.
2. The rate quoted shall be inclusive of all charges/Taxes (i.e. packing, forwarding, freight, installation and all other incidental charges) i.e F.O.R.at Rajiv Gandhi University Rono Hills, Doimukh. The quoted rate should be valid for the current financial year.
3. The last date of receipt of quotation is on 22nd Jan'y, 2018 up to 16.30 hrs.

4. Sealed quotation should be submitted to "The Deputy Registrar, (Projects), Rajiv Gandhi University, Rono-Hills, Doimukh, Itanagar-791112, Arunachal Pradesh" before the due date and time.
5. Sealed quotation/ Envelope should be super scribed as (Quotation for Equipment under DBT - NER RGU/PC/NER-BPMC/DBT-368/2017).
6. The bidder should quote the rates of Equipment / instruments with model number, its detailed specifications etc. quotations not adhering to the specifications will be out rightly rejected.
7. The bidder must enclose the authorized dealership certificate relevant to items the bidder is quoting for. The authenticity of certificates shall be verified through corporate/regional offices or through proper officiating channels.
8. GST  
Only the registered firms under GST is eligible for Bidding. Registration Certificate indicating also the GST number of the firm must be clearly mentioned in the quotation. Quotationer's are requested to enclose a self attested copy of their valid certificate of PAN card, and trading license with their tender. Income Tax and other Taxes as applicable shall be deducted from the bills as per the instructions of the Government. (Income tax @ 2 %). **The Xerox copies of GST and PAN card is mandatory.**
9. Installation and demonstration free of cost by the service engineer of the company.

**10. Warranty:**

(a) Pre-installation requirement should be mentioned in the bids. The standard one-year warrantee and additional at least one-year free service should be provided. After warrantee period, the annual maintenance contracts rate for next three years may also be quoted where ever applicable.

11. Quotations received without Bid Security (EMD) amount by way of Demand Draft or Pay Order/Banker's Cheque in the name of Registrar, Rajiv Gandhi University, Itanagar/ Naharlagun will not be considered at all.
12. No payment will be made for unsatisfactory supply.
13. Incomplete proposals/Quotations received after due date shall not be entertained.
14. Payments terms: 100% payment will be made within 30 days from the date of successful supply or installation as per specification. No advance payment will be made.
15. **Liquidated damages/ Penalty for delayed delivery.** Timely supply of the ordered items, installation, commissioning (wherever is applicable) and training etc. is the essence of the contract. In the event of delayed delivery, installation and commissioning i.e. after the expiry of the period as agreed by both the parties, the vendor shall be liable for a penalty deduction at a percentage on the value of the undelivered equipment subject to a maximum of 10% as detailed below.
  - a. @ 2% up to one week
  - b. @ 3 % up to two weeks
  - c. @ 5% up to three weeks
  - d. @ 10% for four weeks and above subject to approval given by RGU Doimukh.

The firm must have the requisite domain expertise regarding supply, installation and after-sale service of the items they are quoting.

16. The firm should have sufficient number of installations of the similar Equipment in the premier Research Institutes in India.
17. Extra charge for installation & demonstration shall not be paid by Rajiv Gandhi University.
18. The feedback from the present users of the similar equipment about the performance, service support, accuracy of result, etc. is to be submitted alongwith the Tender Document.
19. Incorporate full specification of the items to be supplied in the quotation.
20. The signature on the quotations sent therewith will be deemed to be the authorized signatory of the firm.
21. The offer must be in English. The rates should be indicated both in figures and words. The rates and units shall not be over written, amount shall be both in figures and words. All corrections must be signed in full by the Firm
22. In case of any dispute in respect of the tender, all legal matters shall be instituted within the jurisdiction of the place where the purchaser ordinarily resides.
23. The University may terminate the contract/ supply order in whole / part and forfeit the EMD/ PBG in case the supplier/ vendor fails to meet the contractual obligations.

