# DEPARTMENT OF GEOLOGY

**PATNA UNIVERSITY, PATNA - 800005**

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**Ref. No** GEOL/Minor/UD/07 **Date** 18-11-2026

Department of Geology, Patna University is planning to purchase the following equipments and consumables under the minor research project entitled " A computational approach to study the internal dynamics of Earth's mantle" sanctioned to Dr. Urmi Dutta, Department of Geology, PU by Patna University with sanction letter no. 01/R&DC/RP/PU/Sanction, dated 26-08-23 (serial no 1).

| S. No. | Equipment | Specifications | No. of unit required |
|---|---|---|---|
| 1. | Laboratory experimental set up | Set of convection experiment tank and table Size of the table- (500 mm x 200 mm x 250 mm ), one temperature Controller (Temperature range 200-250°C), two thermocouples. | 1 |
| **S. No.** | **Consumables** | **Specifications** | **No. of unit required** |
| 1. | Glucose syrup for experimental purpose | Viscosity (cP): 15,000<br>Specific Gravity(25°C): 1.35 – 1.45 | 30 lt |
| 2. | PDMS for experimental purpose | Viscosity (cst):1±0.15<br>Specific Gravity(25°C): 0.816-0.826 | 10 lt |

For the above equipments and consumables, we invite quotations from reputed firms by 28th November to supply these items within 30 days after issuing of the purchase order.

**Terms and conditions:**

1. The price should be inclusive of GST.
2. Quotation validity should be 30 days.
3. Warranty of at least 2 years.
4. Payment 100% bill basis through Account Payee Cheque/RTGS.
5. Installation will be done at the customer site.

The quotation should be sent to the address, "Dr. Urmi Dutta, Assistant Professor, Department of Geology, Patna University, Patna, Ashok Rajpath, Bihar-800005".

Best regards,

Urmi Dutta
18/11/2026

Dr. Urmi Dutta,
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Principal Investigator (Mob: 7980309843)

PRINCIPAL INVESTIGATOR
Department of Geology
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Forwarded
18/11/26

Head of the Department of Geology
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