**JAWAHARLAL NEHRU UNIVERSITY**
**ENGINEERING DEPARTMENT**
**SCHEDULE OF QUANTITY**

F.No.4 (34)/12/Engg./Elect./2022-23

**REGISTERED POST**
23.08.2022

**Sealed item rate quotations are invited from the eligible electrical contractor having valid registration in appropriate class & category in CPWD/MES/Department of Telecommunication / Railway/NDMC/Central PSU & Delhi PWD/Specialized agency having similar work experience for the work mentioned below, to be received on 02.09.2022 at 3:00 pm in R.No.-141 of Admn. Building, JNU and the same shall be opened at 3:30 pm on the same day.**

**Name of Work:-SITC of submersible pump set at borewell near Mahi-Mandavi hostel & Mono-submersible for Tapti & Mahi-Mandvi hostel sump at JNU Campus New Delhi**

| S. No. | Description of Items | Unit | Qty. | Rate (Rs.) | Amount(Rs.) |
|---|---|---|---|---|---|
| 1. | SITC of submersible pump set of discharge- 5-14 M3/Hr ,Head- 55-102 Mtr. Rating of motor=5HP 2900 rpm suitable to operate on 400V±10%,50Hz AC supply complete with lifting of old submersible pump with old Pipe upto150- 240 ft depth and lowering of new pump set upto the depth between 150 ft. -200 ft. in the existing borewell i/c providing & fixing gasket, Nut & bolt at every 10 ft. length of existing pipe of 50 mm dia GI flange with connection, interconnection etc complete as required. | Each | 01 | | |
| 2. | SITC of copper wound (Horizontal, centrifugal, open well submersible) Monobloc pump with Prime mover. Power Rating: - 5HP (3.7kW). Type of Current: - AC (Alternate Current). Number of Phase: - Three Phase. Voltage: - 415V. Frequency: - 50Hz. No of Pole: - 2Poles. Type of Duty:- S1. Winding Insulation:-Polypropylene insulated winding wire. Type of Rotor: - Aluminum Die cast. Ingress Protection: - IP68. Class of Insulation: - B. Type of Liquid: - Clear cold water. Specific gravity of Liquid to Handled:- 1. Head Range: - 14 to 28 Meters. Discharge Range: - 6.5 to 15 LPS (Liters Per Second) at 2900RPM (Revolution Per Minute) Material of Construction: - Motor Body: - Cast Iron (FG 200), Pump Casing – Cast Iron (FG 200), Impeller: - Cast Iron, Shaft: - Stainless Steel, Strainer: - Stainless Steel i/c dismantling of old pump complete as required. | Each | 01 | | |
| | **Total** | | | | |

**Conditions: -**

1. The quotation for the work shall remain open for a period of 30 days from the date of opening of quotations. If lowest bidder withdraws his bid before the validity period of the NIQ/ fails to complete the work within stipulated period of completion their EMD shall be forfeited absolutely in favour of JNU.
2. The work shall be carried out as per NIQ, specifications defined in the NIQ.
3. All taxes shall be deducted as per Govt. of India rules applicable.
4. Time allowed for completion of above work is **07 days.**
5. Earnest Money amounting to **Rs.2343/-** should be deposited in the shape of Pay Order/Banker's Cheque/Demand Draft in favour Finance Officer, JNU. No quotation will be entertained without Earnest Money.
6. Security deposit @7.5% of quoted amount shall be recovered from the bill (after adjusting EMD amount) and shall be refunded after warranty period of six months.
7. **The Quotation and the earnest money shall be placed in separate sealed envelopes, each marked, "Quotation" and "Earnest Money" respectively. Both the envelopes shall be submitted together in another sealed envelope with the name of work and due date of opening written on envelope. The envelopes marked, "Quotation" of only those Quotationers shall be opened, whose earnest money, placed in the other envelope, is found to be in order.**
8. The firm has to produce self attested copies of all relevant documents such as Electrical Contractor License, PAN no., GST Registration and experience certificate along with the quotation.
9. The quoted rates shall be inclusive of all taxes, cartage etc and nothing shall be paid extra over / above quoted rates.
10. Payment shall be made after satisfactory completion of work.
11. **Make of pumps:- KSB/Kirloskar/Crompton.**

**Assistant Engineer (E&M)**

**Executive Engineer (E)** 23/8/22