

**बीरबल साहनी पुराविज्ञान संस्थान, लखनऊ**  
**BIRBAL SAHNI INSTITUTE OF PALAEOSCIENCES, LUCKNOW**

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No.BSIP/Sponsored Project/2017-18/C-932 **SPEED POST**  
BSIP Website

दिनांक/ Dated: 12.12.2018

Subject: **Soil measurement kit**  
(specification attached)

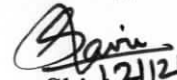
Dear Sirs,

This Institute intends to purchase item mentioned above. Sealed quotations are invited so as to reach this office on or before **5.00 pm on 25.12.2018** duly superscribed by "Soil measurement kit".

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 the 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.  
The cover should be sealed and superscribed "**Soil measurement kit**" must be written on envelope. The quotations not complying the procedure will be rejected.
6. 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.
7. 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 reason.
8. The quotations are liable to be cancelled if any of the above mentioned conditions are not complied with.

Yours faithfully,

  
( Sandeep Kumar Shivhare )  
Registrar

**Soil & Water Analyzer (Colorimeter, D.O., Cond., TDS, pH, mV/ORP, Salinity, Turbidity, Temp)**

**SPECIFICATIONS:-**

**pH: 2 pcs**

Range : 0 to 14.00 pH  
Resolution : 0.01 pH  
Accuracy :  $\pm 0.01$  pH,  $\pm 1$  digit  
Sensor : Combined Electrodes  
Temp. Compensation: Auto & Manual

**mV /ORP : 2 pcs**

Range :  $\pm 1999$  Mv  
Resolution : 1 mV  
Accuracy :  $\pm 1$  mV,  $\pm 1$  digit  
Sensor : Combined Electrodes

**Conductivity / TDS: 2 pcs**

Range : 0 to 100 mS (5 ranges)  
0 ppm to 100 ppt (5 ranges)  
At TDS factor 0.5 (approx) & TEMPCO 2%  
Accuracy :  $\pm 1\%$  of FS  $\pm 1$  DIGIT  
Sensor : Conductivity Cell  
(Acceptable from 0.1 to 5.0 cell constant)  
Temp. Compensation: Auto & Manual

**Salinity 2 pcs**

Range : 0 to 40 ppt  
Resolution : 0.1 ppt  
Accuracy :  $\pm 2\%$  of FS  $\pm$  Digit  
Sensor : Conductivity Cell  
(Acceptable from 0.1 to 5.0 cell constant)  
Temp. Compensation: Auto / Manual

**Dissolved Oxygen: 2 pcs**

Range : 0 to 20 ppm  
Resolution : 0.1 ppm  
Accuracy :  $\pm 1\%$  of FS,  $\pm 1$  Digit  $\pm 0.1$   
Sensor : Au/Ag Probe  
Temp. Compensation: Auto / Manual

**Temperature: 2 pcs**

Range : 0 to 100°C  
Resolution : 0.1 °C  
Accuracy :  $\pm 0.5$  °C  $\pm 1$  Digit  
Sensor : PT 100

**Colorimeter: 2 pcs**

Range	:	0 to 2.00 Abs 0 to 100% T Conc. 0-1999
Accuracy	:	± 0.05 Abs
Resolution	:	0.001 Abs/ 0.1%T
Sensor	:	Photo Diode
Source	:	Tungsten Lamp
Filters	:	Blue (440nm) Green (540nm) Red(660nm)

**Turbidity:**

280

Range	:	0 to 1 NTU 0 to 10 NTU 0 to 100 NTU
Accuracy	:	± 2% of FS
Sensor	:	Photo Diode
Source	:	Tungsten Lamp

**General:**

Display (LCD)	:	2 line 20 Char. Alphanumeric
Printer port	:	Epson Compatible 80 Column D.M. Printer
Power	:	230 V 50Hz ± 10% or Internal Battery with charge
Dimensions	:	420 (W)x 520(D)x175(H)mm
Weight	:	9 Kg(approx.)