

बीरबल साहनी पुरावनस्पती विज्ञान संस्थान, लखनऊ  
BIRBAL SAHNI INSTITUTE OF PALAEOBOTONY

टेलीग्राम : पेलियोबॉटनी

दूरभाष : 2740008, 2740011

फैक्स : 91-522-2740485, 2740098

बी.सा.पु.सं. II/भवन एवं निर्माण No. II/W&B/BSIP-2015-16/L-140

53, विश्वविद्यालय मार्ग,

लखनऊ - 226007

Date: 28.05.2015

Convener, Website Committee,  
BSIP, Lko.


**Subject: -Quotation for supply & Fixing of AHU Electrical Panel for TL/OSL & Geochemistry Lab.**

Dear Sir,

We are interested in purchase of the articles mentioned above, Please send your quotation in sealed covers so as to reach this office of or before **08.05.2015** While submitting quotation please note that :-

1. We are interested in the material from manufacturer.
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/VAT/Service Tax should be clearly indicated wherever chargeable. The Quotation should also indicate Central/Sales Tax Registration Number/PAN 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 subscribed "Quotation for above must be written on envelope. Date of opening Next day. 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 of the material in good condition.
8. The acceptance of the quotation will rest with the Director who dose 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 faithfully,

  
SECTION OFFICER  
W&B Section

Encl: As above

Details attached

## A .H.U. PANEL

S.No.	DESCRIPTION	UNIT	QTY.	UNIT RATE	AMOUNT
	<b>A INCOMER</b>				
1	250A TPN 36KA MCCB Thermal Magnetic based O/C S/C release + RHOM	Nos.	1		
2	RYB Indicating Lamps,22.5 mm Dia LED Type	Nos.	1		
3	Digital Voltmeter	Nos.	1		
4	Digital Ammeter	Nos.	1		
5	CTs	Nos.	3		
6	6A SP MCB,10kA , "C" Curve	Nos.	3		
	<b>OUTGOINGS</b>				
<b>I</b>	<b>6HP DOL Starter (For AHU-1)</b>				
1	25A TPN MCB,10kA , "C" Curve	Nos.	1		
2	On/Trip Indicating Lamps,22.5 mm Dia LED Type	Nos.	2		
3	Push Buttons Start/Stop Flush Head Non Illuminated Type	Nos.	2		
4	18A TP Power Contactor,"AC-3" Duty	Nos.	1		
5	Thermal Overload Relay (9-13A)	Nos.	1		
6	Analog Ammeter (Suppressed Scale)	Nos.	1		
7	CTs	Nos.	1		
8	A/M Selector Switch	Nos.	1		
9	6A SP MCB,10kA , "C" Curve	Nos.	1		
<b>II</b>	<b>5KW DOL Starter (For Heaters)</b>				
1	25A TPN MCB,10kA , "C" Curve	Nos.	1		
2	On Indicating Lamps,22.5 mm Dia LED Type	Nos.	2		
3	Push Buttons Start/Stop Flush Head Non Illuminated Type	Nos.	2		
4	18A TP Power Contactor,"AC-3" Duty	Nos.	1		
5	A/M Selector Switch	Nos.	1		
6	6A SP MCB,10kA , "C" Curve	Nos.	1		

<b>III</b>	<b>5HP DOL Starter (For AHU-2 Blower AHU-2 Lab Area) (1W+1S)</b>				
1	16A TPN MCB,10kA , "C" Curve	Nos.	2		
2	On/Trip Indicating Lamps,22.5 mm Dia LED Type	Nos.	4		
3	Push Buttons Start/Stop Flush Head Non Illuminated Type	Nos.	4		
4	12A TP Power Contactor,"AC-3" Duty	Nos.	2		
5	Thermal Overload Relay (7-10A)	Nos.	2		
6	Analog Ammeter (Suppressed Scale)	Nos.	2		
7	CTs	Nos.	2		
8	A/M Selector Switch	Nos.	1		
9	Timer	Nos.	1		
10	6A SP MCB,10kA , "C" Curve	Nos.	2		
<b>IV</b>	<b>5HP DOL Starter (For AHU-2 Blower AHU-3 Lab Area) (1W+1S)</b>				
1	16A TPN MCB,10kA , "C" Curve	Nos.	2		
2	On/Trip Indicating Lamps,22.5 mm Dia LED Type	Nos.	4		
3	Push Buttons Start/Stop Flush Head Non Illuminated Type	Nos.	4		
4	12A TP Power Contactor,"AC-3" Duty	Nos.	2		
5	Thermal Overload Relay (7-10A)	Nos.	2		
6	Analog Ammeter (Suppressed Scale)	Nos.	2		
7	CTs	Nos.	2		
8	Timer	Nos.	1		
9	A/M Selector Switch	Nos.	1		
10	6A SP MCB,10kA , "C" Curve	Nos.	2		
<b>V</b>	<b>8.5TR (For Condensing Unit)</b>				
1	50A TPN 30KA MCCB Thermal Magnetic based O/C S/C release	Nos.	5		
2	On/Off Indicating Lamps,22.5 mm Dia LED Type	Nos.	10		
	<b>Panel Enclosure Compartmentalised Floor/Wall mounted single Front, Fixed Type fabricated from 2/1.6 mm thic CRCA sheet IP*42</b>	Set	1		
<b>C</b>	<b>EARTHING</b>				
1	<b>GI PLATE EARTHING STATION</b>				

	Supply, assembling and installing all the materials for making GI plate earthing station as per latest edition of IS 3043 comprising of 1 no. GI earthing plate 600x600x6 mm thick, 20 mm dia medium class GI watering pipe, minimum 4.5 mtr deep GI funnel with stainless steel wire mesh, watering chamber made out of bricks and covered with steel hinged door on a steel frame, 50 kg of common salt, 100 kg of fine charcoal powder, earthing conductor of size 50x6 mm GI from plate to the ground level, required hardware etc.	Nos	2		
2	<b>PIPE ELECTRODE EARTHING STATION</b>				
	Supply, assembling and installing all the materials for making GI pipe earthing station as per latest edition of IS 3043 comprising of 1 no. GI earthing pipe B class 40mm dia 3.0 mtr long, 20 mm dia medium class GI watering pipe, minimum 3.0 mtr long GI funnel with stainless steel wire mesh, watering chamber made out of bricks and covered with steel hinged door on a steel frame, 50 kg of common salt, 100 kg of fine charcoal powder, earthing conductor of size 25x6 mm GI from pipe electrode to the ground level, required hardware etc.	Nos	1		
3	<b>EARTHING CONDUCTOR</b>				
	GI strip 50x6mm	Rmt	30		
	GI strip 32X6mm	Rmt	100		
	GI strip 25X3mm	Rmt	100		
	Gi wire 8 gauge	Rmt	20		
D	<b>CABLES, END TERMINATION AND CABLE TRAYS</b>				
1	Supply, laying. Testing & commissioning of the following sizes of 1.1 kv grade XLPE/PVC insulated aluminium/copper conductor armoured cables on the surface of wall or on existing cable trays or in existing pipes/ready made cable trenches etc.				
a)	XLPE al armd 3.5*240 sq mm	Rmt	30		
b)	XLPE al armd 4*10 sq mm	Rmt	60		
C)	PVC cu armd 3*4 sq mm	Rmt	20		
d)	PVC cu armd 4*4 sq mm	Rmt	20		
2	Supplying, making, testing & commissioning of end termination with brass single compression glands suitable for following sizes of armoured cables including providing and fixing proper sizes of aluminium/copper thimbles etc. as required.				
a)	XLPE al armd 3.5*240 sq mm	Rmt	2		
b)	XLPE al armd 4*10 sq mm	Rmt	10		
C)	PVC cu armd 3*4 sq mm	Rmt	10		
d)	PVC cu armd 4*4 sq mm	Rmt	4		

3	Supplying & installation of different sizes of ladder/perforated type hot dip galvanised cable trays, made out of 2 mm thick sheet, suspended from trusses/ceiling and fixed on walls/columns etc. with the help of suitable suspenders and angle iron as required. (Suspenders, angle iron and any steel structure to be provided shall be paid seperately as per approved design.)			
a)	25x50x25 mm perforated 2.0 mm thick	Rmt	60	
b)	40x100x40 mm perforated 2.0 mm thick	Rmt	20	
c)	50x300x50 mm ladder type 2.0 mm thick	Rmt	20	
4	Supplying, welding & fixing of M.S structure made out of angle irons, T-iron, channel or bars etc. to support cable tray or any other fittings including painting of the structure etc. Painting of structure is included in this item.	Kg	150	
		<b>T O T A L</b>		