

West Bengal University of Technology

Tender Form

Stetting up Laboratories

Notice No : LAB/FO/10-11/14
Date of Issue : 14-01-2011
D.D. No. for the Tender Price :

Address:
BF-142, Sector-I,
Salt Lake City,
Kolkata-700064

Tele-Fax No:
(033) 2334-1034

Phone No.:
(033) 2321-1345

Tender Paper for Stetting up Laboratories

Ref: Tender Notice No. LAB/FO/10-11/14 dated: 14-1-11

a) Name & Address of the Firm :

b) Telephone No:

c) Mobile No.:

d) Fax No:

2. Name of the items for which the Firm is interested:

3. Name of the Proprietors/partners/directors etc:

4. Trade License No (With Photocopy):

5. VAT License No:

6. Service Tax Registration No (With Photocopy):

7. Additional Information if the party wants to include:

8. Copies of Testimonials/credentials/certificates regarding services/experience etc:

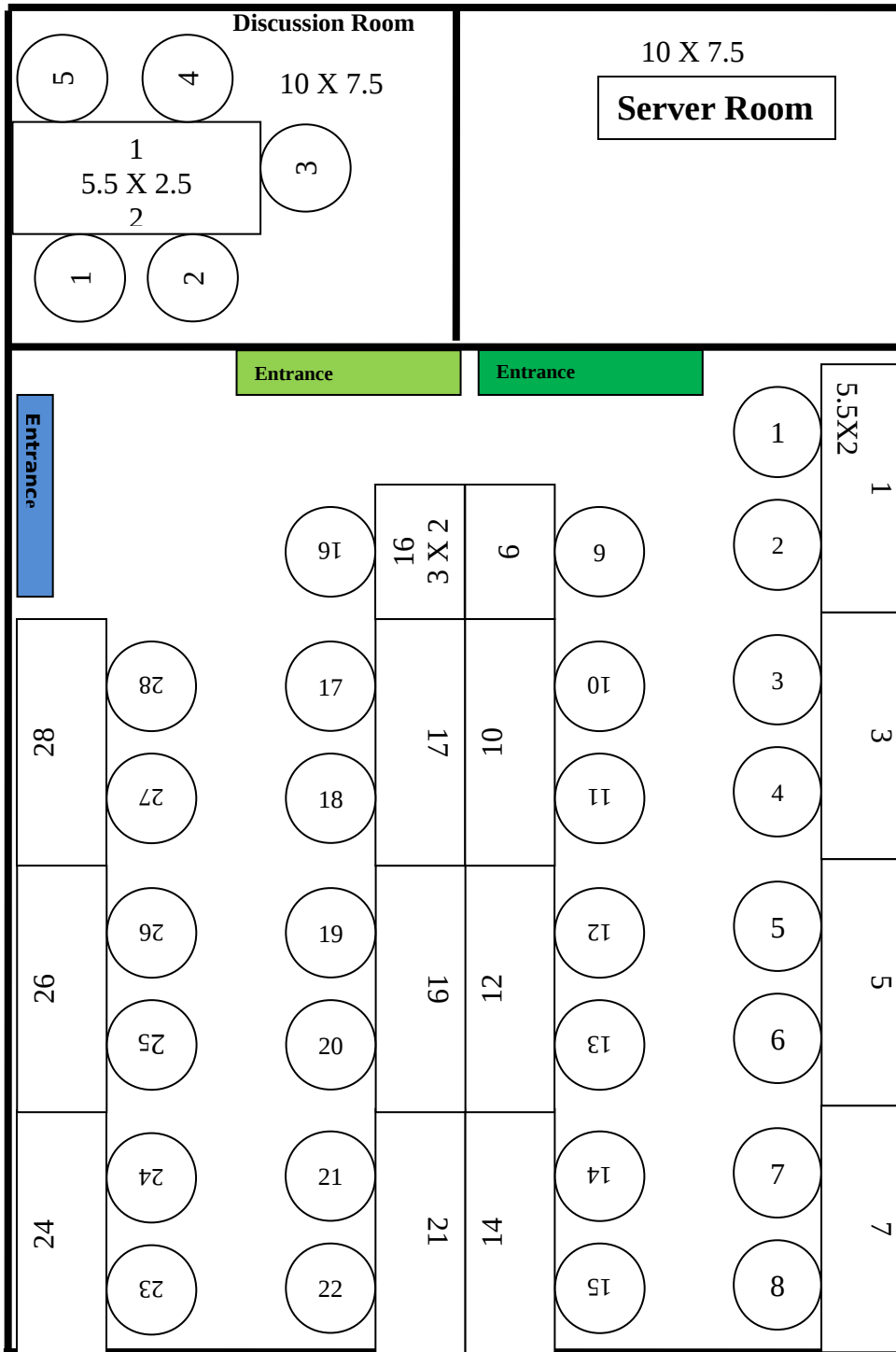
Signature with Stamp

Job -1

Electric wiring for the computer lab room number 218 should be done for the following design with **proper earthing and security measures**.

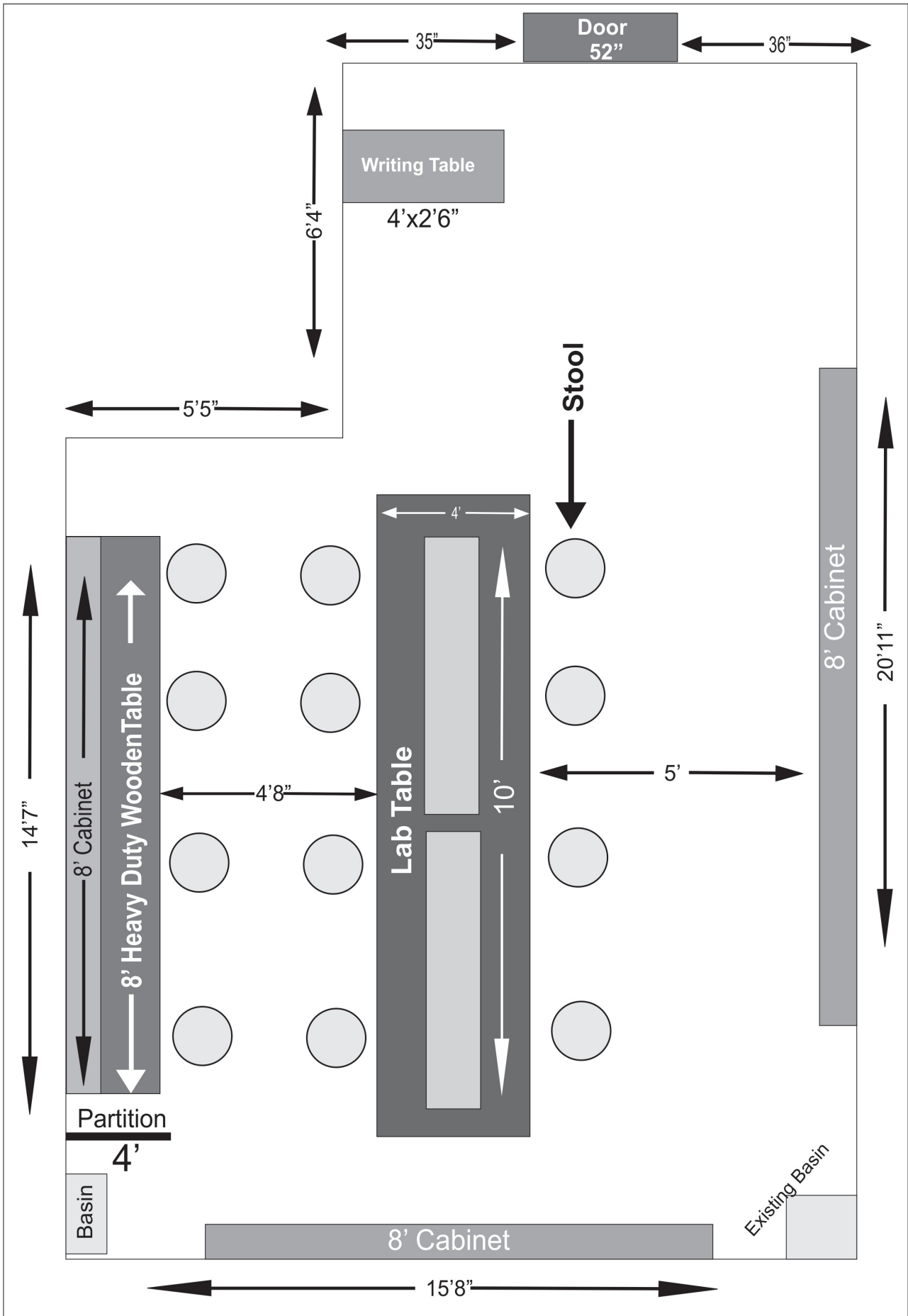
- Each computer(30 numbers) should have 1 number of 5amp socket, 1 numbers of 15amp socket with plain switches. (Anchor make)
- Wiring should be done using Havel or Finolex or KDK wire
- Provision for 2 Air Condition sockets
- Server room wiring must draw connection from UPS.

Proposed Layout of the Lab-218(Design-3)



Electrical installation work of Bio Technology Lab Room No G-23.		
Sl no	Specification	Quantity
1	Wiring from light point / fan point / exhaust fan point / call bell point 1.5 Sq. mm. FR PVC insulated copper conductor multi core cable in surface / recessed PVC conduit with piano type switch, phenolic laminated sheet, suitable M.S. Box and earthing the point with 1.5 Sq. mm. FR PVC insulated conductor single core cable etc. as required.	12 nos
2	Wiring for circuit / sub main wiring along with earth wire with the following size of PVC insulated copper wire in surface or recessed PVC conduit as required. a) 2x6sq mm +1x 2.5 sq mm earth wire	80 mtr
3	Wiring for circuit / sub main wiring along with earth wire with the following size of PVC insulated copper wire in surface or recessed PVC conduit as required. a) 2x2.5 sq mm + 1x1.5 sq mm earth wire	60mtr
4	Wiring for circuit / sub main wiring along with earth wire with the following size of PVC insulated copper wire in surface or recessed PVC conduit as required. a) 2x4 sq mm + 1x 2.5 sq mm earth wire	133mtrs
5	Supply and fixing of 20A (Single phase) Industrial Socket - ABB make	05nos
6	Supplying and fitting fixing metal box of 180mm x 100mm x 60mm. deep (nominal size) on surface or in recessed with suitable size of phenolic laminated sheet cover in front incl. providing and fixing 6 pin, 2 no's 5/6 and 15/16 Amps. Socket outlet and 15/16 Amps. modular type switch, connection, painting etc. as required.	12nos
7	Supply and fixing of 4 way double door vertical TPN DB box. (with out MCB) Make - ABB make	01 nos
8	Supplying & fixing of SP MCB 10 A - ABB make	1no's
9	Supplying & fixing of SP MCB 25 A - ABB make	5 no,s
10	Supplying & fixing of SP MCB 20 A - ABB make	6 nos
11	Supplying & fixing of incoming 63A TPN MCB - ABB make	01 nos
12	Supply of Philips make light fitting FBS 450/236 P5 PW HF with 2 X PL-L 36 Watt	8nos
13	Wiring for telephone points with 2 pair PVC insulated and sheathed tinned copper 0.6 sq mm cable in existing conduit	30 mtr
14	Supplying and providing modular type RJ 11 telephone out let including supplying and fixing of recessed metallic box, switchn plate and all civil work	01 set
15	Supplying and fixing computer socket (RJ 45 Cat 6) including necessary civil work.	4 no's

Design Layout of the Bio Lab in Room No. G-23

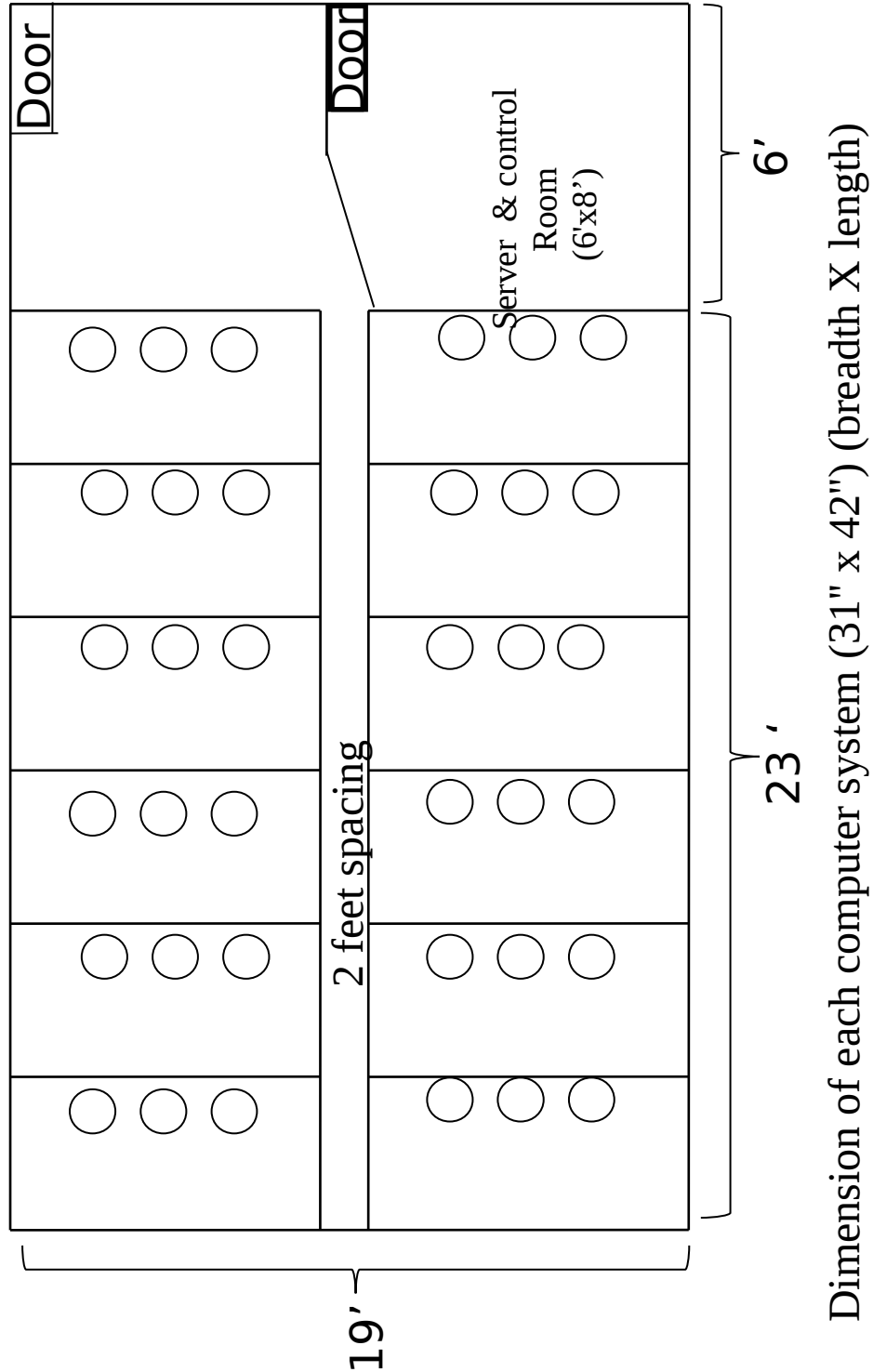


job 3

Electric wiring for the computer lab room number 203 should be done for the following design with proper earthing and security measures.

- Each computer(36 numbers) should have 1 number of 5amp socket, 1 numbers of 15amp socket with plain switches. (Anchor make)
- Wiring should be done using Havel or Finolex or KDK wire
- Provision for 2 Air Condition sockets
- Server room wiring must draw connection from UPS.

Design Layout of the proposed Computer Lab in Room No. 203



Job -4: Electrical installation and LAN work of BIF Laboratory(Dept of Bioinformatics) at Room No. 216

Job description:

1	Distribution wiring in 2X1/1.40(1.5 sq mm) single core PVC insulated & sheated wire in 19 mm in black stove EI conduit to 3 pin 5A tumbler socket & switch with earthing attachment in No. 16 SWG GI wire and painting a) Average run 3 mtr	4 nos
2	Wiring for circuit / sub main wiring along with earth wire with the following size of PVC insulated copper wire in surface or recessed PVC conduit as required. a) 2x6sq mm +1x 2.5 sq mm earth wire	20 mtr
3	Wiring with 1.1KV grade single core stranded Al conductor PVC insulated and sheated wire in EI conduit and painting. a) 2x2.5 sq mm + 1x1.5 sq mm earth wire	20mtr
4	Wiring with 1.1KV grade single core stranded Al conductor PVC insulated and sheated wire in EI conduit and painting. a) 2x4 sq mm + 1x 2.5 sq mm earth wire	100 mtrs
5	Supplying and fitting fixing metal box of 180mm x 100mm x 60mm. deep (nominal size) on surface or in recessed with suitable size of phenolic laminated sheet cover in front incl. providing and fixing 6 pin, 3 no's 5/6 and 15/16 Amps. Socket outlet and 3 no's 15/16 Amps. modular type switch, connection, painting etc. as required. - ABB make	22 nos

6	Supply and fixing of 4 way double door vertical TPN DB box. (with out MCB) Make - ABB make	01 nos
7	Supplying and fixing 4 core 10 sq mm AL armoured cable	25mtrs
8	Supplying & fixing of SP MCB 10 A - ABB make	1 no
9	Supplying & fixing of SP MCB 25 A - ABB make	1 no
10	Supplying & fixing of SP MCB 20 A - ABB make	11 nos
11	Supply and installation of A/c outlet with the following 1 no 16 A modular switch 1 no 16 A 5 pin modular socket suitable for 2 TR 1 no A.C.starter suitable for suitable for 2 TR 1 no G.I. box with plate of suitable size to accommodate the above	1 no
12	Supplying & fixing of incoming 63A TPN MCB - ABB make	01 nos
13	Supply of Philips make light fitting FBS 450/236 P5 PW HF with 2 X PL-L 36 Watt	4 nos
14	Supplying and fixing LAN socket along with necessary accessories and fixing charges	24 no's
15	Wiring for LAN points CAT - 6 LAN cable for internet connection and necessary termination.	200 mtrs
16	Supply of switch 24 port - Dlink	1 no
17	Installation, connection, commissioning and including everything completed of the light fittings.	4 nos

General conditions:

1. The tenderers are required to deposit the tender forms along with relevant papers(mentioned in the form) sealed cover.
2. The university reserves the right to accept or reject any tender without showing any reason.
3. Tenderers may submit tender papers for all or any numbers of job mentioned in the notice.
4. Tender fee of Rs. 200/- has to be deposited along with the tender papers.
5. All payments should be made through demand drafts in favour of the 'West Bengal University of Technology' payable at Kolkata.
6. The last date of receiving of tender paper in the office of the finance officer is 21st January 2011 before noon. The paper will be opened on the same day at 2.00 pm.
7. Incomplete tender shall be summarily rejected.
8. Tenderers must submit photo copy of valid electrical work permit/licence.
9. Subcontracting in any form will not be entitled by the university.
10. All legal disputes shall be subject to jurisdiction of Calcutta High Court.