

**VETRINARY TYPE CULTURE COLLECTION (VTCC),  
NATIONAL RESEARCH CENTRE FOR EQUINES  
(NRCE)  
HISAR, HARYANA**

**TENDER**

**FOR**

**CONSTRUCTION OF BIOSAFETY LEVEL-3 (BSL-3)  
LABORATORY AT VTCC,NRCE, HISAR**

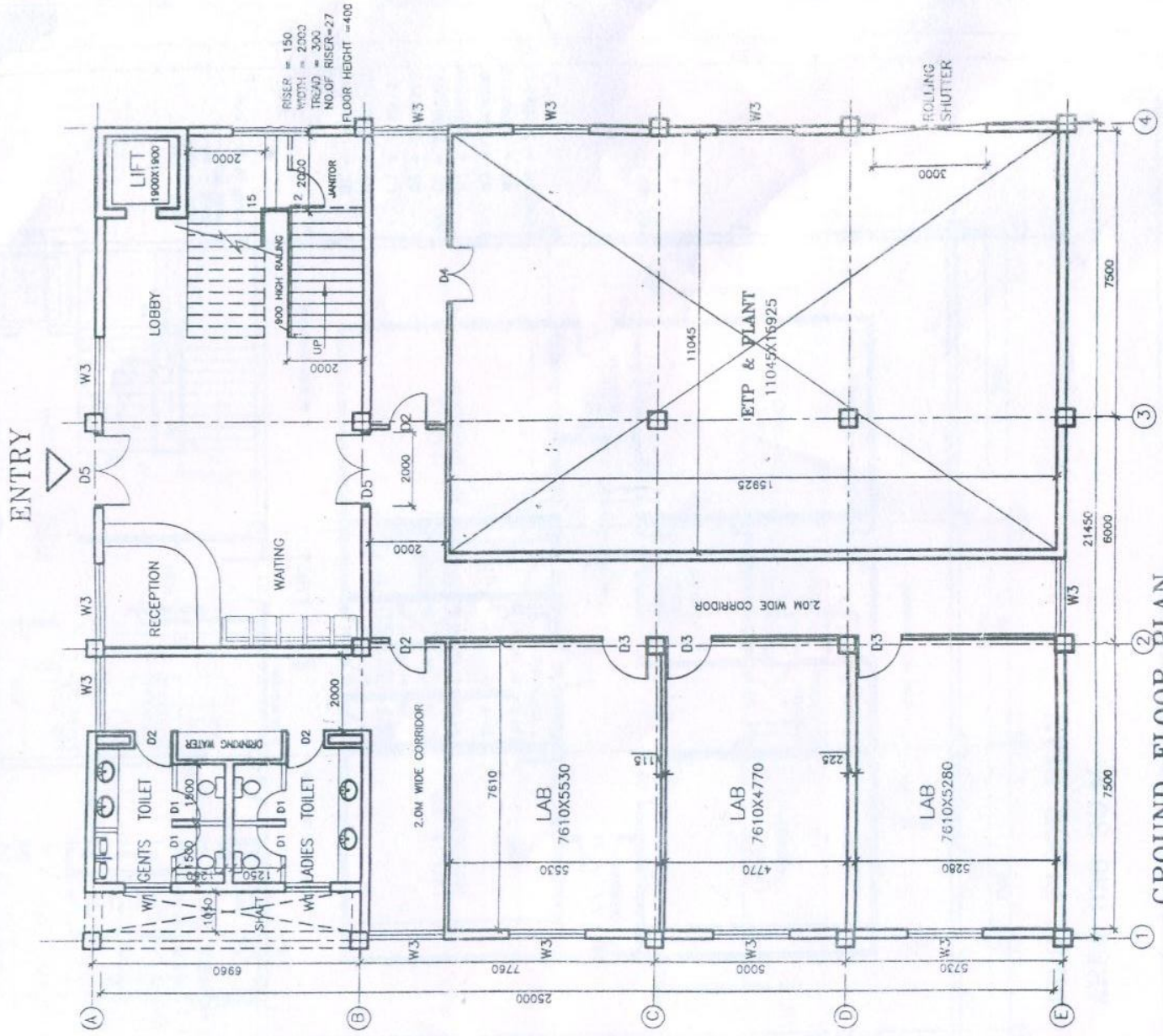
**VOLUME-VI**

**TENDER DRAWINGS**

**NOVEMBER 2013**



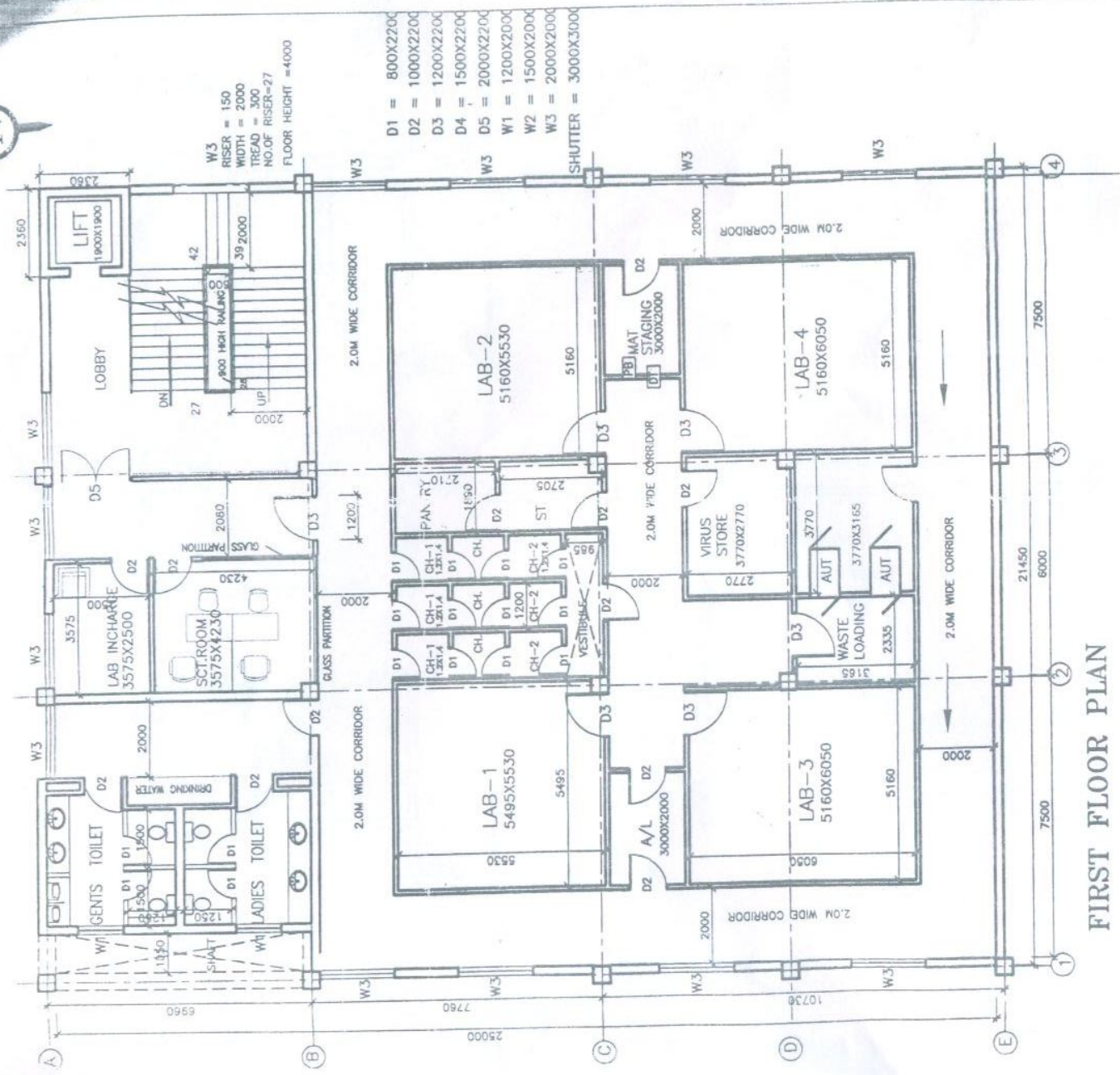
**HSCC (INDIA) LTD.**  
(CONSULTANTS & ENGINEERS FOR MEGA HOSPITALS & LABORATORIES)  
E-6(A), sector-1, NOIDA (U.P) 201301 (India)  
Phone : 0120-2542436-40 Fax : 0120-2542447  
**Tender No. HSCC/BU-III/NRCE-II/2013**



**GROUND FLOOR PLAN**  
**AREA 538 SQ.M.**

HSCC

61



W3 RISER = 150  
 WIDTH = 2000  
 TREAD = 300  
 NO. OF RISER = 27  
 FLOOR HEIGHT = 4000

D1 = 800X2200  
 D2 = 1000X2200  
 D3 = 1200X2200  
 D4 = 1500X2200  
 D5 = 2000X2200  
 W1 = 1200X2000  
 W2 = 1500X2000  
 W3 = 2000X2000  
 SHUTTER = 3000X3000

FIRST FLOOR PLAN  
 AREA 538 SQ.M.

<b>LANS</b>	<b>GR.&amp; FIRST FLOOR PLAN</b>	<b>HSCC</b>
	HI / 01	NEW DELHI INDIA

CEPT 05

# PROPOSED LIST OF TENTATIVE EQUIPMENTS (LAB WISE)

## Bacteriology Lab

Sl No.	Name of Equipment (Number required)
1.	Animal Isolators
2.	Positive air pressure respirators
3.	CO <sub>2</sub> incubator
4.	Incubator
5.	Electronic balance
6.	Research Microscope
7.	Liquid handling system, complete sets
8.	Electronic pipettes (including multichannel) set

## Virology Lab

Sl No.	Name of Equipment (Number required)
1.	Animal Isolator
2.	Positive air pressure respirator
3.	CO <sub>2</sub> incubator, two stack
4.	Incubator
5.	Electronic balance
6.	Inverted microscope
7.	Liquid handling system, complete set
8.	Table top refrigerated centrifuge
9.	Electronic pipettes (including multichannel) set
10.	Filtration unit

## Biotech Lab

Sl No.	Name of Equipment (Number required)
1.	Positive air pressure respirator
2.	Electronic balance
3.	High Speed refrigerated centrifuge table top
4.	Liquid handling system, complete set
5.	Shaker incubator
6.	Table top refrigerated centrifuge
7.	PCR Work station
8.	Thermal cycler
9.	Electrophoresis & WB system
10.	Electronic pipettes (including multichannel) set

## Repository

Sl No.	Name of Equipment (Number required)
1.	Deep freezers (-40°C)
2.	Liquid Nitrogen storage container, carrier and shipper
3.	Ultra low freezer (-86°C) with CO <sub>2</sub> backup

  
 (S. Sarma)  
 VITC

BSL-2 labs

SI No.	Name of Equipment (Number required)
1.	Vaporized Hydrogen Peroxide system
2.	Particle counter for DOP test, with accessories
3.	Smoke generator, with accessories
4.	Water purification system
5.	Miscellaneous equipments, including slit air sampler, UV lamps, gel shaker, stirrer, pH meter, incubator, water bath, refrigerators, computer, etc

*Sarna*  
(S. Sarna)  
VICE