



**CHEMICAL, PLASTIC & RUBBER
AT L.D. ENGG COLLEGE CAMPUS,
AHMEDABAD**

FURNITURE SPECIFICATION

RUCHA. K
JR. ARCHITECT (I/C)


P. J. PATEL
DY. ARCHITECT


VISHAL .A. VYAS
CHIEF ARCHITECT

**OFFICE OF THE CHIEF ARCHITECT
AND TOWN PLANNER, R & B DEPT.**

GOVERNMENT OF GUJARAT

FF, Nirman Bhavan, Sector 10-A, Gandhinagar - 382010. Gujarat.
PH: 079 23252900, FX: 079 23252890, email: catp.rnb@gmail.com


INDEX

ITEM NO.	PARTICULARS	PAGE NO.
01	High back revolving & tilting ex. chair	1
02	Medium back revolving & tilting chair – assist. Prof cabin	2
03	Low back revolving & tilting chair – Faculty chair	3
04	Visitor Chairs	4
05	Desk Table (Lab. 405)	5
06	H.O.D table with side unit	6
7A & 7B	Table with & without back-side unit – at assistant professor cabin	8
08	Central Table at labs. (CT - 6' x 4') / Long reading table	9
09	Faculty Table with chair (03) – table chair at classrooms and lab	10
10	Three seated sofa	11
11	Two seated sofa	13
12A & 12B	Centre tipoi or Corner Table at sofa	15
13	Visitor's group seating at waiting area	16
14	Computer Table	17
15	Pantry Table	18
16	U-Shape Conference Table with Mic.	19
17	Lab Table	20
18	Table with Partition(Library)	21
19	Student bench for 2 seated	22
20	Wooden –cup boards up to lintel lvl. 210ht.	24
21	Wooden –cup boards up to sill lvl 90ht.	24
22	Wooden –cup boards with Glass (WCG)	25
23	M.S.Tijori – SC - steel cupboard	26
24	Stool	27
25	Classroom - Lab Stage	28
26	Podium P	29
27	Notice Board NB	30
28	Chemical Storage Rack	31
29	SMART screen	32
30	WHITE board	33
31	Partition walls	34
32	ACOUSTIC TREATMENT	35
33	Curtains – Roller Blinds	36
34	Metal File Rack	37
35	Schedule of Approved Make List	38-44


NOTE:

- All exposed edge of table tops are covered with Teak wood beading and finished with Melamine polish. Other unfinished faces are painted with enamel paint.
- All M. S. Sections are minimum of 5mm. thickness.
- All M. S. Frame structures are welded as per IS code.
- All Standard Furniture detailed specification are enclosed. Specific equipments if any, to be purchased as per client requirements subject to budget provision.


FURNITURE SPECIFICATION

Item No.01: -	CODE
High back revolving & tilting executive chair (M39)	01
<p>Providing and supplying High back chair with Metal frame work. Upholstered with Artificial leather/Leatherette and molded PU foam, together with molded seat & back covers. The back foam should be designed with contoured lumbar support for extra comfort. Caster of high durability & hydraulic. The chair should have cylinder with 5 years warranty. The size of chair 53cm x 79cm (Back side) and 51cm x 49cm (seat size). The PU foam should be molded with density $=45 \pm 2 \text{ kg/m}^3$. with One-piece armrests. The armrests are scratch and weather resistant. The permanent contact mechanism is designed with 360° revolving type, 12° seat tilt 19° back tilt, Front pivot for tilt with feet resting on ground ensuring more comfort, Tilt tension adjustment, 5 position locking with anti-shock back mechanism, which should prevent the backrest from impacting the user when the lock is released, static seat depth adjustment=0.5 cm 5 position locking.</p>	
	


FURNITURE SPECIFICATION

Item No.02 :-	CODE
Medium back revolving & tilting chair (M39)	02
<p>Providing and supplying Medium back chair with Metal frame work. Upholstered with changeable fabric upholstery covers (as per requirement) and molded PU foam, together with molded seat & back covers. The back foam should be designed with contoured lumbar support for extra comfort. Caster of high durability & hydraulic. The chair should have cylinder with 5 years warranty. The size of chair 47.5cm x 58cm (Back side) and 49cm x 48cm (seat size). The PU foam should be molded with density = 45 ± 2 kg/m³. with One-piece armrests. The armrests are scratch and weather resistant. The permanent contact mechanism is designed with 360° revolving type, with pneumatic height adjustment & 17 ° maximum tilt only & tilt tension adjustment facility.</p>	
	

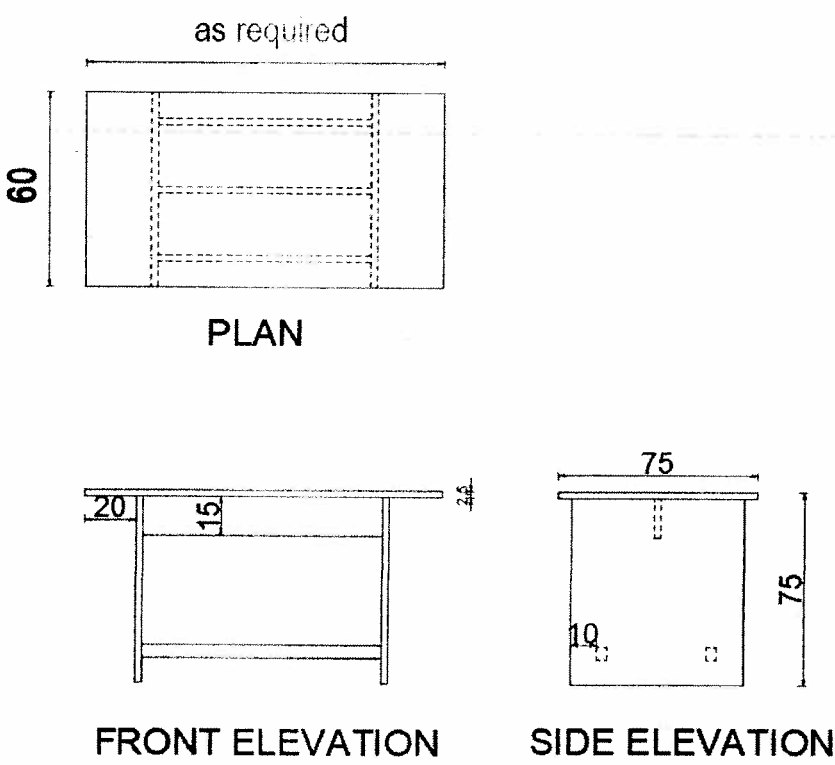
FURNITURE SPECIFICATION

Item No.03 :-	CODE
Faculty chair - Low back revolving & tilting chair (M39)	T.C
<p>Providing and supplying Low back chair for work center & other staff the seat & back are made of Metal frame work. Upholstered with changeable fabric upholstery covers (as per requirement) and molded PU foam, together with molded seat & back covers. The back foam should be designed with contoured lumbar support for extra comfort. Caster of high durability & hydraulic. The chair should have cylinder with 5 years warranty. The size of chair 45cm x 45cm (Back side) and 45cm x 43cm (seat size). The PU foam should be molded with density $=45 \pm 2 \text{ kg/m}^3$ with One-piece armrests. The armrests are scratch and weather resistant. The permanent contact mechanism is designed with 360° revolving type, with pneumatic height adjustment & 17° maximum tilt only & tilt tension adjustment facility</p>	
	

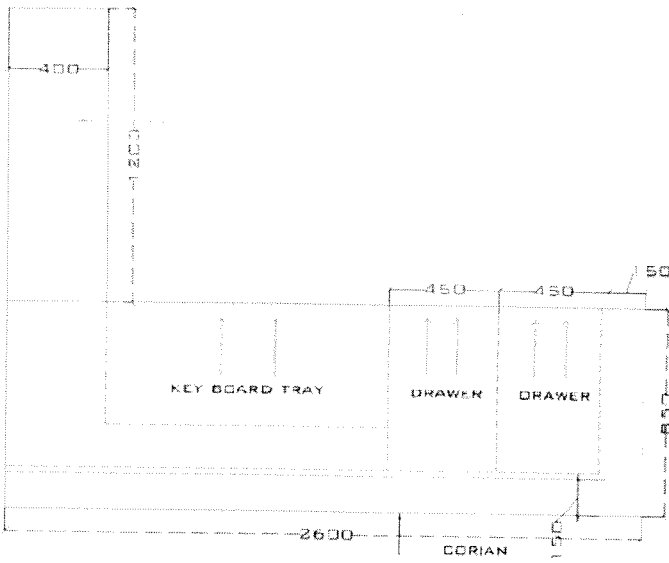
FURNITURE SPECIFICATION

Item No.04 :-	CODE
Visitor Chairs (M39)	V.C
<p>Providing and supplying Visitor or Guest chair the seat & back are made of 12mm thick hot-pressed plywood upholstered with changeable fabric upholstery covers (as per requirement) and molded PU foam, together with molded seat & back covers. The back foam should be designed with contoured lumber support for extra comfort. The size of chair 45cm x 38cm (Back side) and 45cm x 43cm (seat size). The PU foam should be molded with density = 45 ± 2 kg/m³. The armrests with Leg made with Powder coated MS structure as per architect selection. The Seat and back fixed with MS structure with required necessary hardware.</p>	
	

FURNITURE SPECIFICATION

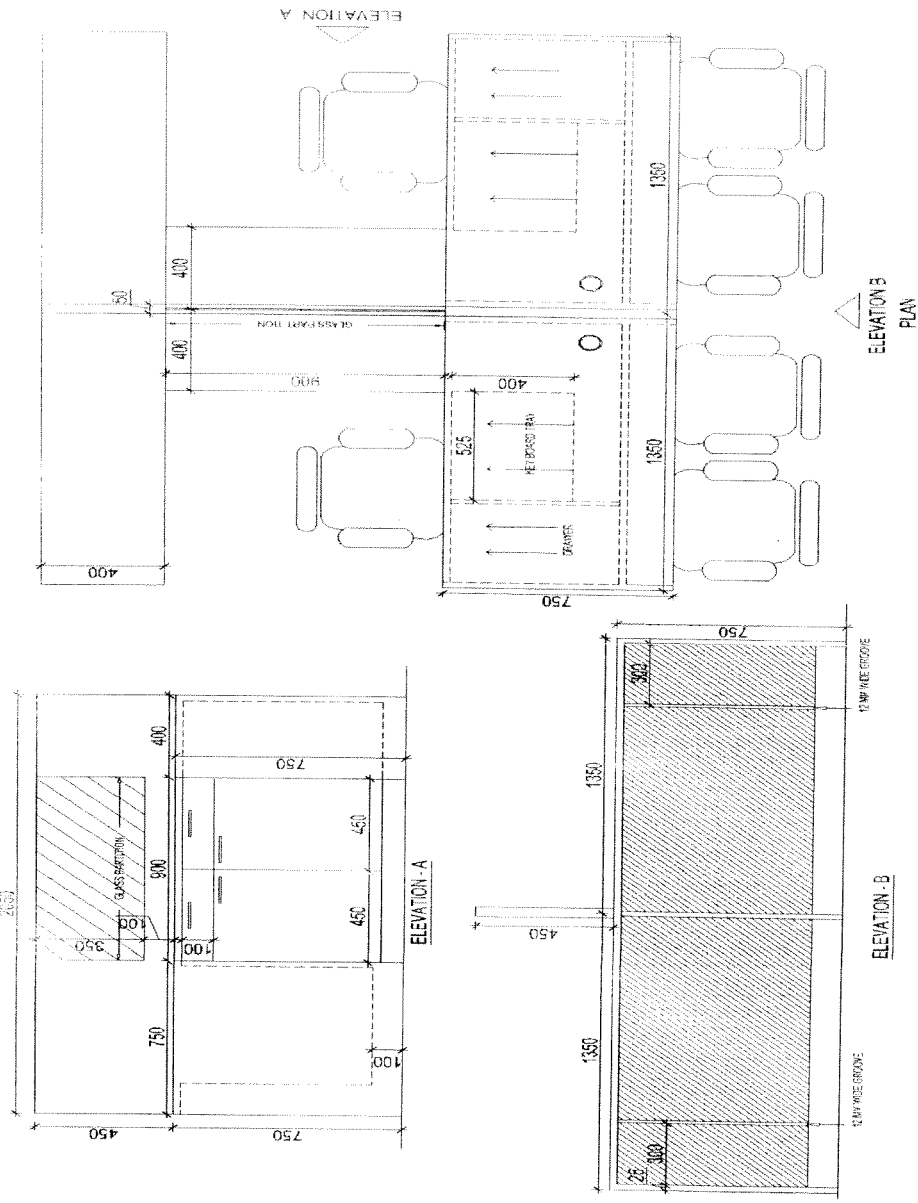
Item No. 05 :-	CODE
Desk Table (Lab. 405)	05
<p>Providing and supplying Display table made with using 19mm Thk. Plywood (M1) structure finished with 1.0 mm Thk. decorative laminate (M24) sheet approved by architect fixed with necessary fixtures and fastening (Hardware) (M14). Top portion of table all edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. Complete as per architect's drawings and as per instruction of architect & engineer in charge. (Refer drawing)</p> <p>Display table size:- 90 x 60 x 75(H) cm</p> <div style="text-align: center;">  <p>The technical drawing includes three views of a desk table. The PLAN view shows a rectangular table with a width of 60 cm and a length labeled 'as required'. It features a central rectangular inset defined by dashed lines. The FRONT ELEVATION shows the table's profile with a top edge of 20 cm, a central horizontal support at 15 cm, and a total height of 75 cm. The SIDE ELEVATION shows the table's side profile with a width of 75 cm, a depth of 10 cm, and a total height of 75 cm.</p> </div>	

FURNITURE SPECIFICATION

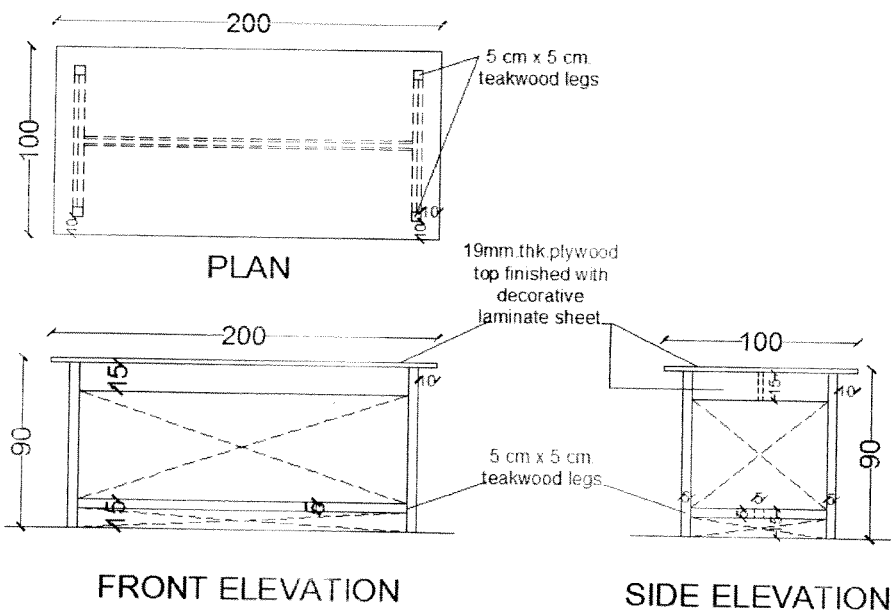
Item No. 06 :-	CODE
H.O.D Table with side unit	
<p>Providing and supplying Main Table made with 19mm Thk. Plywood (M1) structure as per architect drawing finished with 1.0 mm Thk. decorative laminate (M24) on outside portion & 0.8 mm Thk. liner Laminate inside as specified & approved by architect fixed with necessary fixtures and fastening (Hardware) (M14) as per architect drawing. Provide Plastic Computer Desk Table Grommet Cable Wire Outlet Hole Cover 60mm, Key-board tray, S.S. legs, Drawers with telescopic roller channels (M15), Handle (M19) and locking (M16) arrangements with all necessary fixtures and fastening (M14). Provide Shutters as per drawing fixed with handle (M19), hinges (M18), magnet (M14), complete with bidding patties and all required hardware (M14). Provide footrest as per drawing. All exposed edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. Complete as per architect's drawing and as per instruction of architect & engineer in charge. (Refer drawing)</p>	
	

NOTE: ALL DIMENSIONS
UNLESS OTHERWISE SPECIFIED

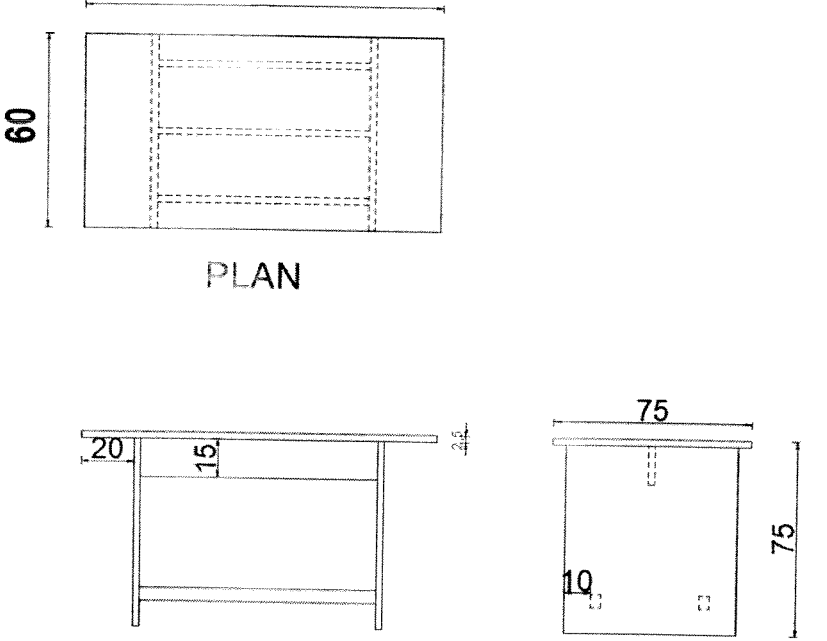
FURNITURE SPECIFICATION

Item No. 07 :-	CODE
Table with back-side unit – at assistant professor cabin	B.T
 <p>The technical drawing consists of three views: Elevation A, Elevation B, and a Plan view. Elevation A shows the front profile of the table with a total width of 1350mm and a height of 750mm. It features a central table section and two side units, each 450mm wide. Elevation B shows the side profile with a total depth of 900mm and a height of 750mm. The Plan view shows the top of the table, with a central section of 1350mm by 750mm and two side units, each 450mm wide and 900mm deep. Dimensions are provided in millimeters.</p>	

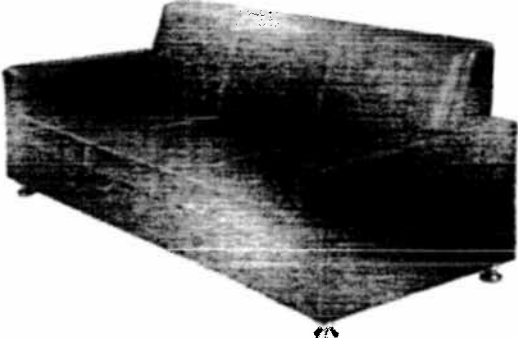
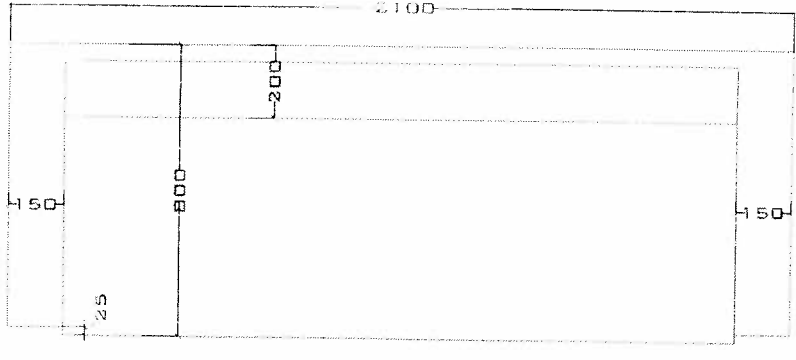
FURNITURE SPECIFICATION

Item No. 08 :-	CODE
Central Table at labs. (CT - 6' x 4') Long reading table (Library And Girls room)	CT LRT
<p>Providing and supplying table made with using Kiln dried & treated fine quality C.P. Teakwood (M5) structure & 19mm thick Plywood (M1) on Top. Finished with 1.0 mm Thk. Decorative laminate (M24) sheet approved by architect separate for each type according to the functionality of table. Fixed with necessary fixtures and fastening (Hardware) (M14). Top portion of table all edges shall be covered with required Teak wood beading Patti (M4) finished with approved Enamel paint (M31). Complete as per architect's drawings and as per instruction of architect & engineer in charge. (Refer drawing)</p> <p>Table size:- 200cm(L) x 100cm(W) x 90cm(H)</p>	
 <p>The technical drawing consists of three views of a table:</p> <ul style="list-style-type: none"> PLAN: A top-down view showing a rectangular table with a length of 200 cm and a width of 100 cm. It indicates the placement of four 5 cm x 5 cm teakwood legs. FRONT ELEVATION: A side view from the front showing the table's height of 90 cm and its width of 200 cm. It details the 19mm thick plywood top finished with a decorative laminate sheet and the 5 cm x 5 cm teakwood legs. The legs are positioned 15 cm from the side edges and 10 cm from the front and back edges. SIDE ELEVATION: A side view from the side showing the table's height of 90 cm and its width of 100 cm. It also details the 19mm thick plywood top and the 5 cm x 5 cm teakwood legs. The legs are positioned 5 cm from the side edges and 10 cm from the front and back edges. 	

FURNITURE SPECIFICATION

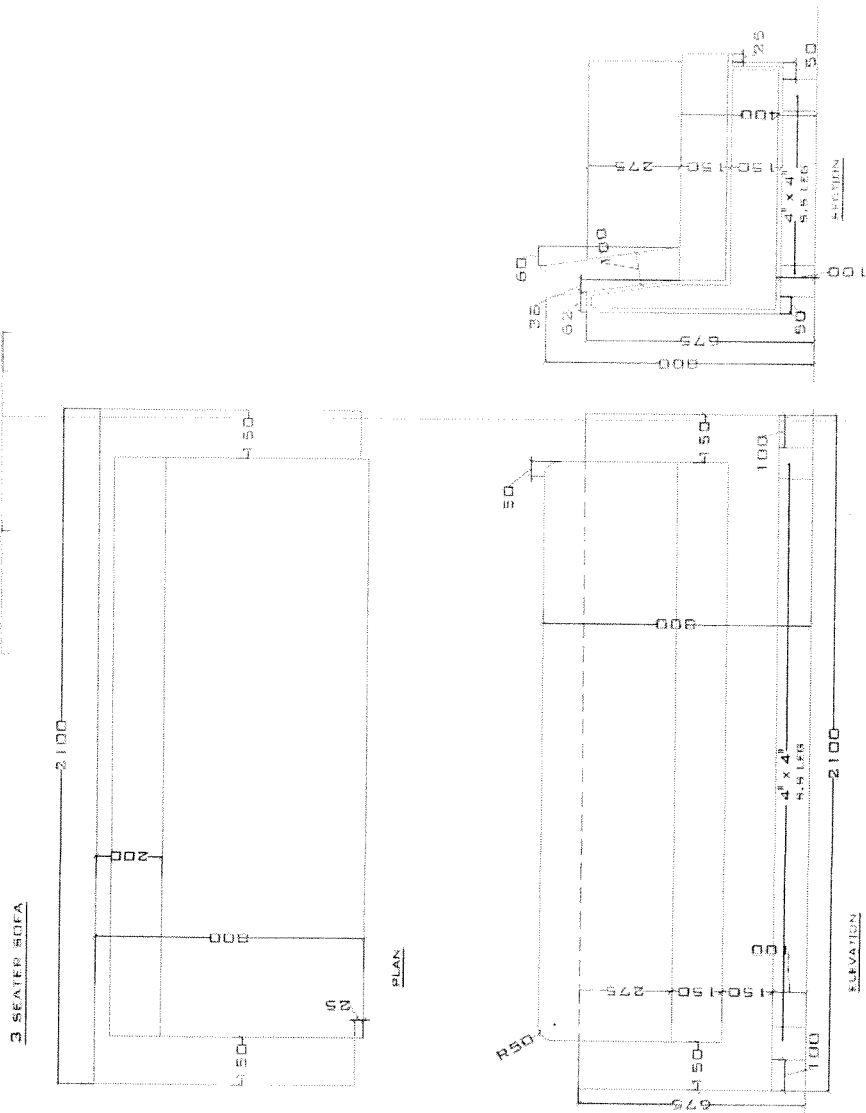
Item No. 09 :-	CODE
Faculty Table - with chair (03) – (table chair at classrooms and lab)	T.C
<p>Providing and supplying Display table made with using 19mm Thk. Plywood (M1) structure finished with 1.0 mm Thk. decorative laminate (M24) sheet approved by architect fixed with necessary fixtures and fastening (Hardware) (M14). Top portion of table all edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. Complete as per architect's drawings and as per instruction of architect & engineer in charge. (Refer drawing)</p> <p>Display table size:- 120 x 60 x 75(H) cm</p>	
<div style="text-align: center;"> <p>as required</p>  <p>PLAN</p> <p>FRONT ELEVATION SIDE ELEVATION</p> </div>	

FURNITURE SPECIFICATION

Item No. 10 :-	CODE
Three seated sofa	3S
<p>Providing and supplying sofa. (3 seated) made with using 19mm Thk. Plywood (M1) structure frame with S.S. legs required necessary support fixed with necessary fixtures and fastening (Hardware)(M14). It shall be covered with 32 Density PU foam(M22) with required Thickness as per design in seat & back and handle portion this should be again covered with 14 mm thick PU foam(M22) with Madarpot cover on it & upholstered fabric(M26) or leather of suggested & approved by architect finished with seat, back & all visible side as per architect drawing. Complete as per architect's drawing and as per instruction of architect & engineer in charge. (Refer drawing)</p>	
	
<p style="text-align: center;"><u>3 SEATER SOFA</u></p>  <p style="text-align: center;"><u>PLAN</u></p>	

FURNITURE SPECIFICATION

Item No. 10 :- Sofa working drawing- Three seated sofas

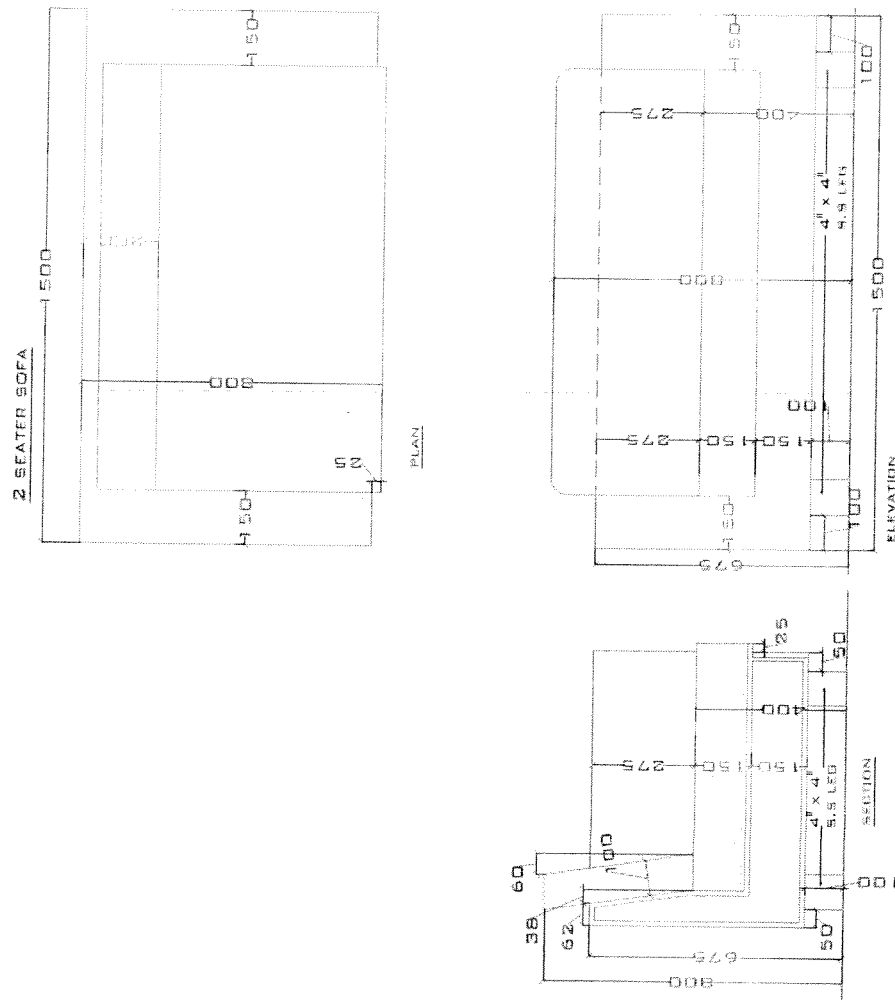


FURNITURE SPECIFICATION

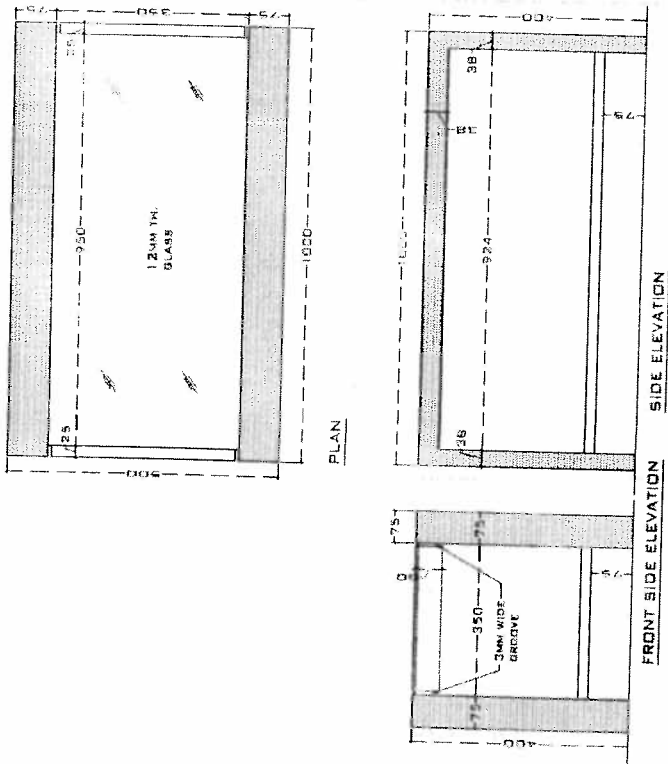
Item No. 11 :-	CODE
Two seated sofas	2S
<p>Providing and supplying sofa(2seater) made with using 19mm Thk. Plywood (M1) structure frame with S.S. legs required necessary support fixed with necessary fixtures and fastening (Hardware)(M14). It shall be covered with 32 Density PU foam(M22) with required Thickness as per design in seat & back and handle portion this should be again covered with 14 mm thick PU foam (M22) with Madarpat cover on it & upholstered fabric(M26) or leather of suggested & approved by architect finished with seat, back & all visible side as per architect drawing. Complete as per architect's drawing and as per instruction of architect & engineer in charge. (Refer drawing)</p>	
<div data-bbox="539 880 1018 1216" data-label="Image"> </div> <div data-bbox="459 1272 1137 1765" data-label="Diagram"> <p>2 SEATER SOFA</p> <p>1500</p> <p>800</p> <p>200</p> <p>150</p> <p>150</p> <p>25</p> <p>PLAN</p> </div>	

FURNITURE SPECIFICATION

Item No. 11 :- Sofa working drawing- Two seated sofas

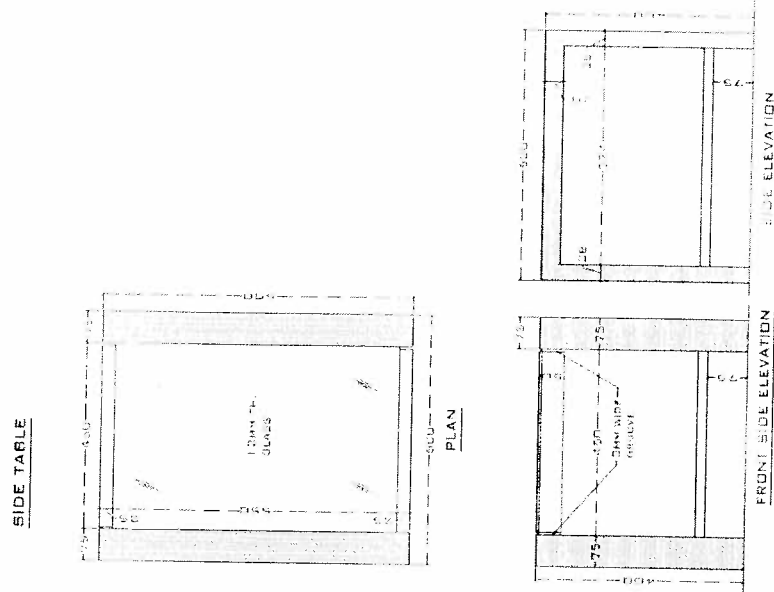


FURNITURE SPECIFICATION

Item No. 12A AND 12 B :-	CODE
12 A - Centre Table/Tipoi & 12 B - Side Table	12 A 12 B
<p>Providing and supplying Centre Table/Corner Table/Tipoi with Glass top made with 19mm Thk. Plywood (M1) finished with 1.0 mm Thk. decorative laminate sheet (M24) specified and approved by architect & fixed with necessary fixtures and fastening (Hardware) (M14) inclusive of approved melamine polishing (M29) work. Top part of center Table covered with 8 mm Thk. toughened Glass (M27) with Polished Edges. Complete as per architect's drawing and as per instruction of architect & engineer in charge. (Refer drawing)</p>	
<p>12 A</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p><u>CENTER TABLE</u></p>  </div> </div>	

FURNITURE SPECIFICATION

12 B



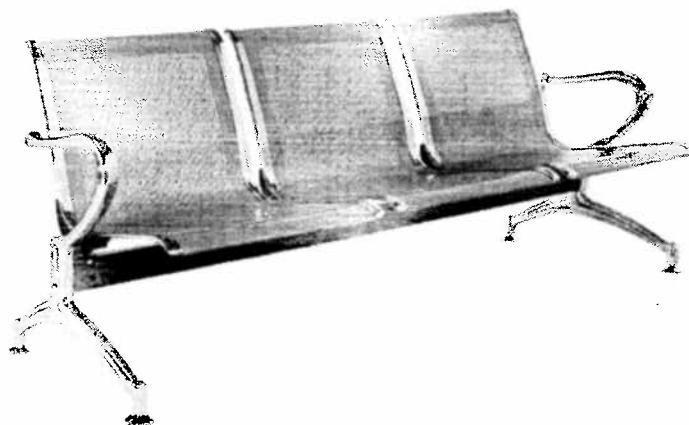
Item No. 13 :-

Visitor's group seating

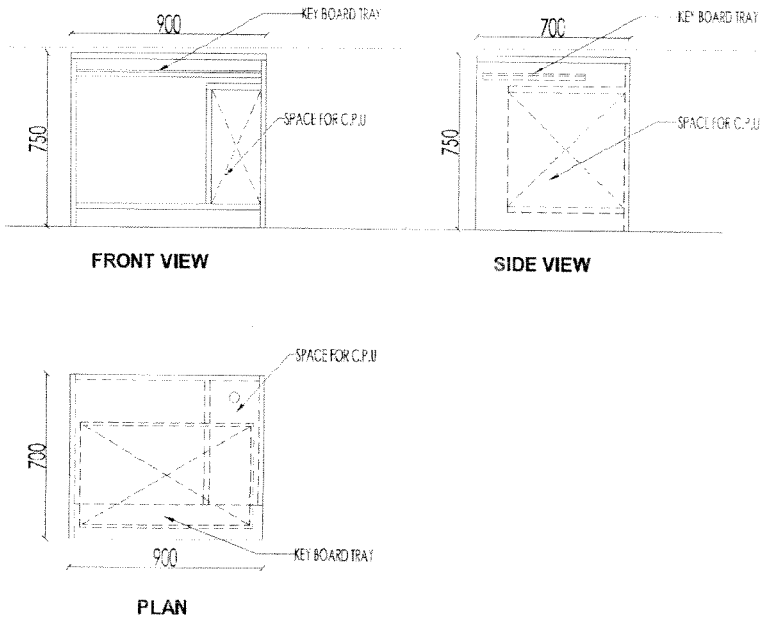
CODE

V.CG

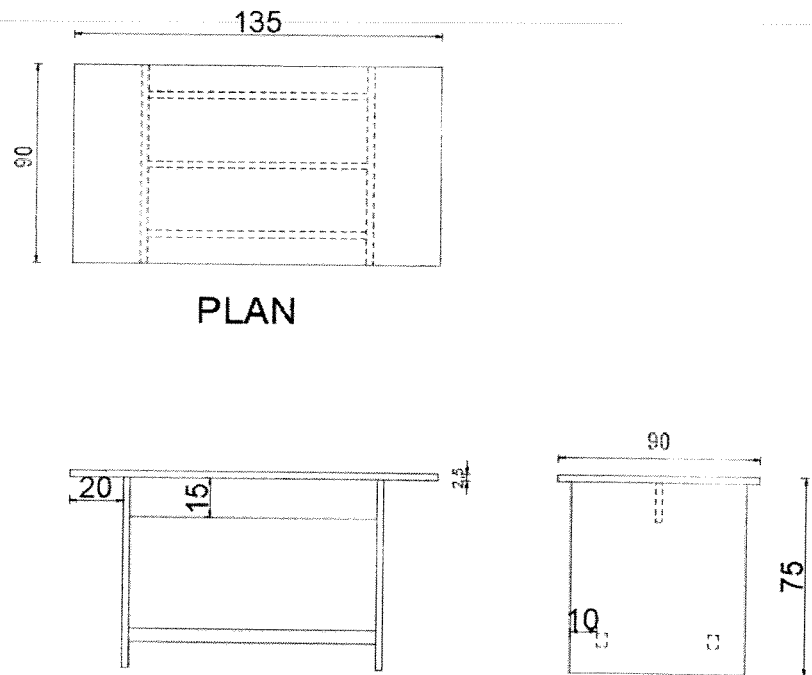
Providing Visitor's group seating of three people made from perforated S.S. CRC sheet (C-201), steel plate with 1.5mm thick. Bottom: made from 20mm x 40mm S. S.CRC tubes as per sample finished with stainless steel chrome plated as specified in specification sheet and as approved by Engineer-in-charge.



FURNITURE SPECIFICATION

Item No. 14:-	CODE
Computer Table	CO
<p>Providing and supplying computer table with partition made with 19mm Thk. Plywood (M1) structure as per architect drawing finished with 1.0 mm Thk. decorative laminate (M24) on outside portion & 0.8 mm Thk. liner Laminate inside as specified & approved by architect with fixed with necessary fixtures and fastening (Hardware) (M14) as per architect drawing. Provide Plastic Computer Desk Table Grommet Cable Wire Outlet Hole Cover 60mm, Key-board tray, S.S legs fixed with all necessary fixtures and fastening (M14). All exposed edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. Complete as per architect's drawing and as per instruction of architect & engineer in charge. (Refer drawing)</p>	
 <p>Technical drawing of a computer table showing three views: Front View, Side View, and Plan.</p> <ul style="list-style-type: none"> Front View: Shows a table with a width of 900 and a height of 750. It includes a 'KEY BOARD TRAY' at the top and a 'SPACE FOR C.P.U.' in the center. Side View: Shows a table with a depth of 700 and a height of 750. It includes a 'KEY BOARD TRAY' at the top and a 'SPACE FOR C.P.U.' in the center. Plan: Shows a table with a width of 900 and a depth of 700. It includes a 'KEY BOARD TRAY' at the top and a 'SPACE FOR C.P.U.' in the center. 	

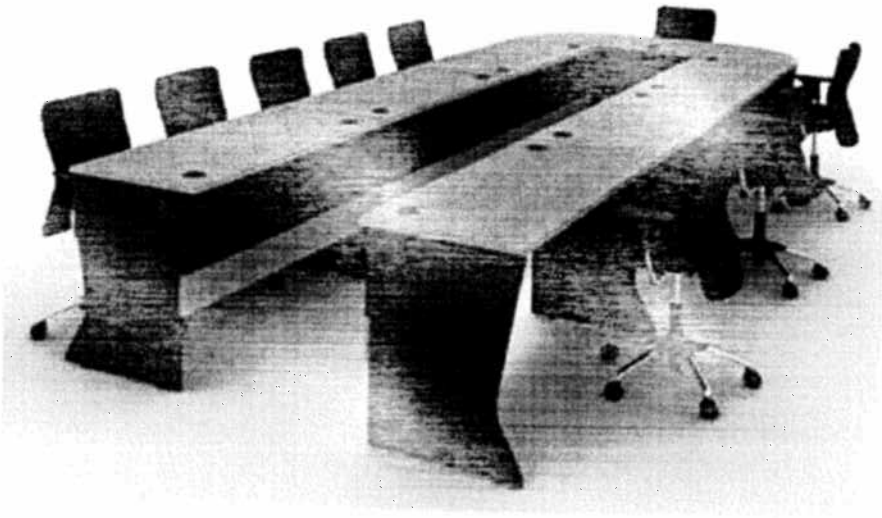
FURNITURE SPECIFICATION

Item No. 15 :-	CODE
Pantry Table	PT
<p>Providing and supplying Display table made with using 19mm Thk. Plywood (M1) structure finished with 1.0 mm Thk. decorative laminate (M24) sheet approved by architect fixed with necessary fixtures and fastening (Hardware) (M14). Top portion of table all edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. Complete as per architect's drawings and as per instruction of architect & engineer in charge. (Refer drawing)</p> <p>Table size: - 135 x 90 x 75(H) cm</p>	
<div style="text-align: center;">  <p>The technical drawing includes three views of a rectangular table. The PLAN view shows a rectangle with a width of 90 and a length of 135. The FRONT ELEVATION view shows the table's height as 75, with a top edge thickness of 20 and a lower section width of 15. The SIDE ELEVATION view shows the table's depth as 90 and a lower section width of 10.</p> </div>	

FURNITURE SPECIFICATION

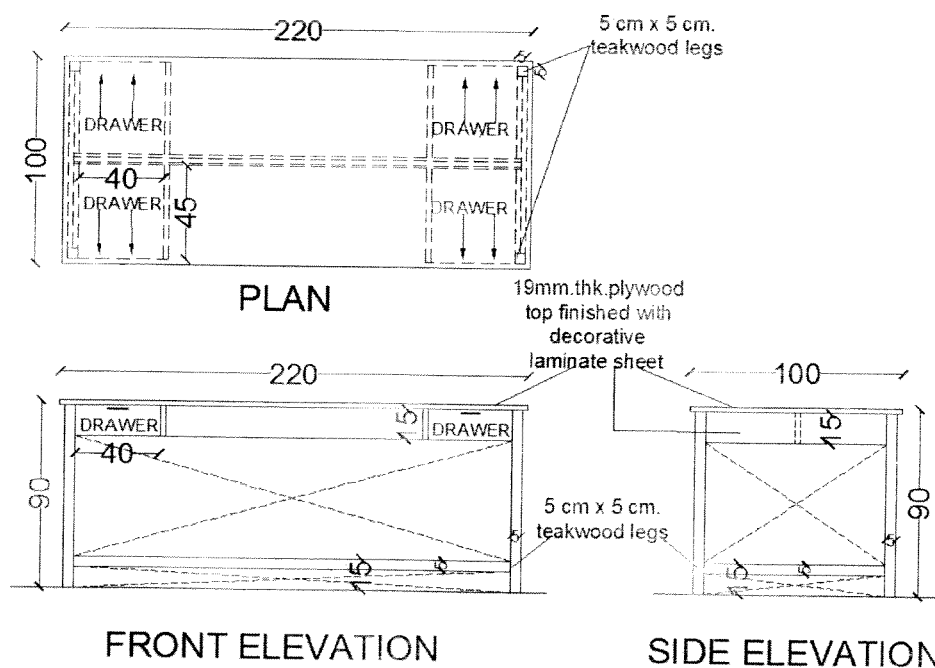
Item No. 16 :-	CODE
Conference Table with Mic and Chair	CNF
<p>Providing and supplying Conference table made with using 19mm TH Plywood (M1).structure finished with 1.0 mm TH decorative laminate(M24) sheet approved by architect & nylon adjustors fixed with necessary fixtures and fastening (Hardware) (M14)as per architect drawing. Top portion of conference table all edges shall be covered with required Teak wood beading Patti (M4) or Molded Laminate sheet finished with approved melamine polishing (M29) work. The table shall also provision for carrying wires & mounting electrical plug point, switches & mike etc. Complete as per architect's drawings and as per instruction of architect & engineer in charge.</p> <p>Chairs :</p> <ol style="list-style-type: none"> 1. Head - Chair please refer Item no.01 (page no.01) 2. Officer/Professor - Chair please refer Item no.02 (page no.02) (as per architect's drawings) 	

FURNITURE SPECIFICATION

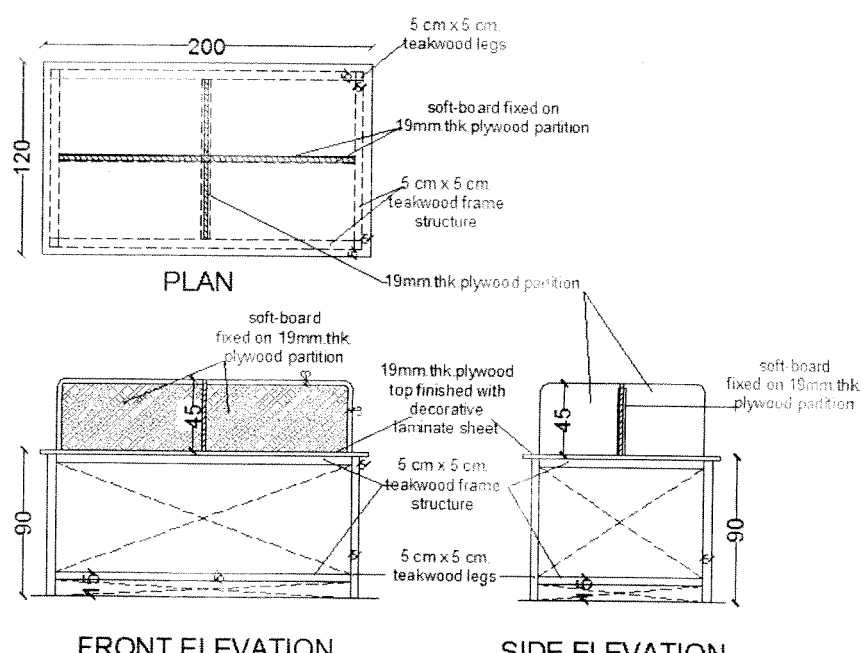
Item No. 16: -	CODE
Conference Table with Mic. (Modular design)	CNF
<p>Providing, Modular Conference table as per layout - 600 mm wide: made from two layers of Flat Laminated Plywood Panels of 19mm TH Plywood (M1) structure finished 1.5 mm TH decorative laminate(M24) sheet approved by architect with fixed with necessary fixtures and fastening (Hardware) (M14) as per architect drawing. Top portion of conference table all edges shall be covered with required half round Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. The table shall also provision for carrying wires & mounting electrical plug point, switches & mic etc. Complete or as directed as per architect drawing and as per instruction of architect & engineer in charge.</p> <p>Table Size: 120 x 60 x 75 cm (each module, total modules as in Drawing) & 2 modules of require radius quarter circles, as shown in drawing.</p> 	

FURNITURE SPECIFICATION

Item No. 17 :-	CODE
Lab Table with drawers (90cm ht)	LABTAB
<p>Providing and supplying table made with using Kiln dried & treated fine quality C.P. Teakwood (M5) structure & 19mm thick Plywood (M1) on top as per architect drawing finished with 1.0 mm Thk. decorative laminate(M24) on outside portion & 0.8 mm Thk. liner Laminate inside as specified & approved by architect fixed with necessary fixtures and fastening (Hardware) (M14) as per architect drawing. also Provide Drawers with Telescopic roller channels(M15), handle (M19) etc. as/drawing. All exposed edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29) work. Complete as per architect's drawing and as per instruction of architect & engineer in charge. (Refer drawing)</p> <p>Table Size: 220 x 100 x 90 cm</p>	



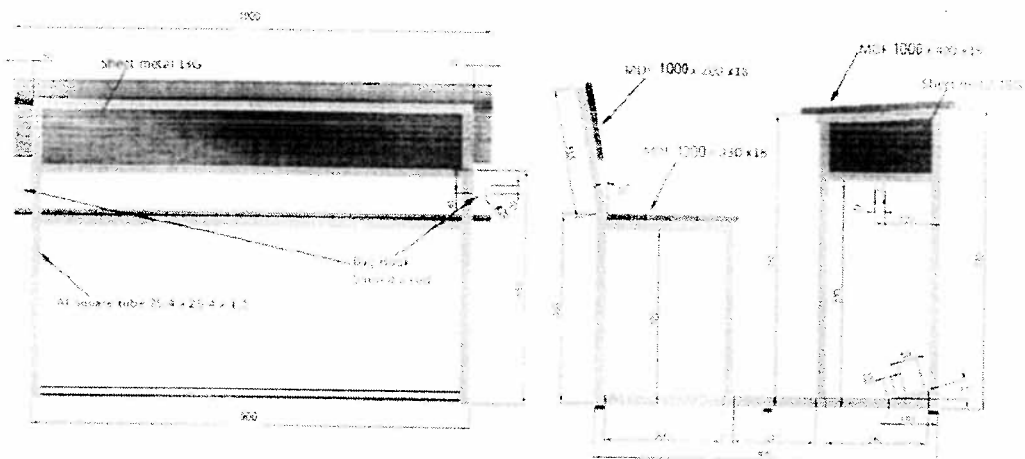
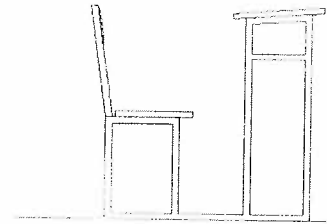
FURNITURE SPECIFICATION

Item No. 18 :-	CODE
<p align="center">Table with Partition (for Library)</p>	<p align="center">LT</p>
<p>Providing and supplying Reading table with using Kiln dried & treated fine quality C.P. Teakwood (M5) structure. Table top and Partition made with using 19mm Thk Plywood (M1) finished with 1.0 mm Thk decorative laminate (M24) sheet, Soft board fixed 19mm Thk Plywood (M1) with necessary fixtures and fastening (Hardware) (M14). Top portion of table all edges shall be covered with required Teak wood beading Patti (M4) finished with approved Enamel paint (M31). Complete as per architect's drawings and as per instruction of architect & engineer in charge. (Refer drawing)</p> <p>Reading Table unit : Table size:- 200(L) cm x 120(W) cm x 90(H) cm</p>	
 <p>The technical drawing illustrates the construction of a reading table with a partition. It includes three views: Plan, Front Elevation, and Side Elevation.</p> <ul style="list-style-type: none"> Plan View: Shows the table's footprint with a length of 200 cm and a width of 120 cm. It features a central vertical partition. Labels indicate '5 cm x 5 cm teakwood legs', 'soft-board fixed on 19mm thk plywood partition', '5 cm x 5 cm teakwood frame structure', and '19mm thk plywood partition'. Front Elevation: Shows the table's height of 90 cm. The top surface is 45 cm thick. Labels include 'soft-board fixed on 19mm.thk plywood partition', '19mm.thk plywood top finished with decorative laminate sheet', '5 cm x 5 cm teakwood frame structure', and '5 cm x 5 cm teakwood legs'. Side Elevation: Shows the side profile with a height of 90 cm and a top thickness of 45 cm. Labels include 'soft-board fixed on 19mm.thk plywood partition' and '5 cm x 5 cm teakwood legs'. 	

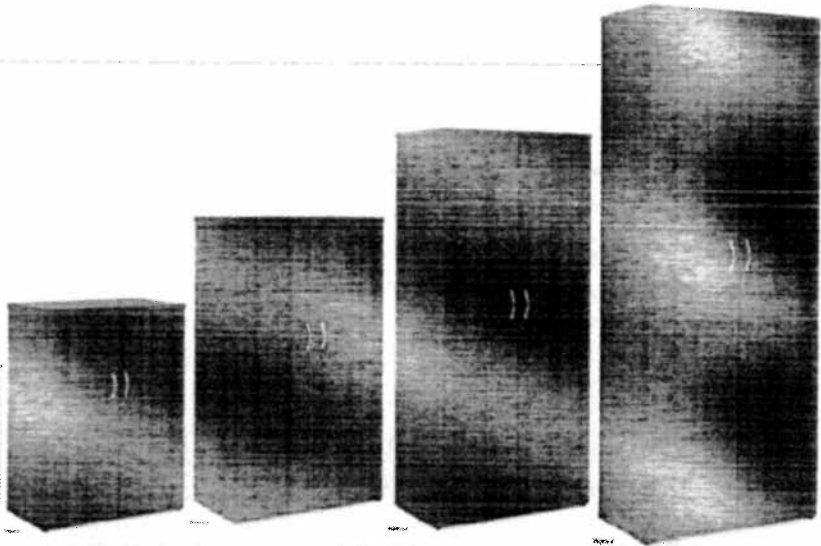
FURNITURE SPECIFICATION

Item No. 19 :-	CODE
Student Bench (2 Seated)	BENCH
<p>TYPE: Steel structure of MS angle & made with using 19mm Thk Plywood (M1). Structure finished with 1.0 mm Thk decorative laminate (M24) sheet fixed with necessary fixtures and fastening (Hardware) (M14) top, Seat & Back rest with MS structure.</p> <p>STRUCTURE: Made of MS square box section 25 x 25 x 2.6 mm welded and one coat of metal primer of reputed make shall be applied after proper surface finishing and applying putty on the surface and over it one under coat and one final coat of superior quality synthetic enamel paint of standard make and ISI market confirming to IS- 2392 shall be applied. The whole consignment of supply order shall be painted in the same shade only. (color shade selection by architect)</p>	
	

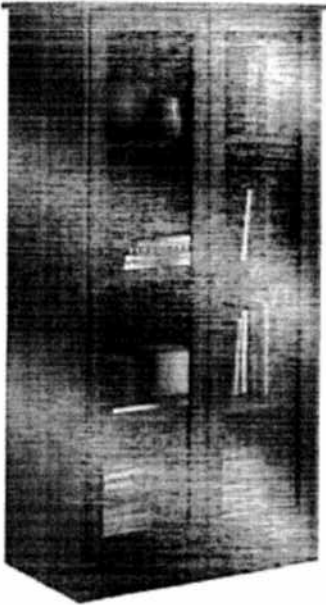
Student Bench - (2 Seated) - DETAILS



FURNITURE SPECIFICATION

Item No. 20 :- Wooden – cup boards up to lintel lvl. 2.10ht.	CODE
& Item No.21 :- Wooden – cup boards up to sill lvl 90ht	WCB
<p>Providing and supplying Full height Storage, Low Height Storage unit made with using 19mm Thk. Plywood (M1) structure and finished with 1.0 mm Thk. decorative laminate(M24) sheet on outside & and 0.8 mm Thk. liner laminate(M25) on inside as specified / approved by architect with fixed with necessary fixtures and fastening (Hardware) (M14), as per architect drawing. The similar Ply + laminate made shutter shall be fixed with required handle (M19), hinges (M18), magnet (M18) & Locks (M16) complete with bidding patties (M4) and all required hardware (M14). Ply shelves removable Type supported on side teak wood (M5) battens on both sides. All exposed edges shall be covered with 8 mm Thk. Teak wood beading Patti (M4) finished with melamine polish (M29). Complete or as directed as per architect drawing and as per instruction of architect & engineer in charge.</p>	
	
[Item No. 21 - HT-0.90M]	[Item No. 20 - HT-2.10M]

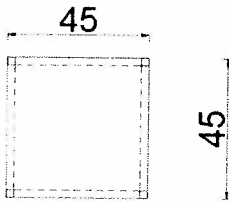
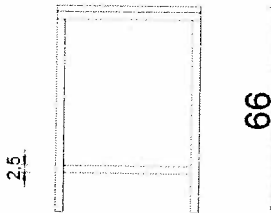

FURNITURE SPECIFICATION

Item No. 22 :-	CODE
Wooden cup boards with Glass	WCG
<p>Providing and supplying Full Height Storage, unit made with using 19mm Thk. Plywood (M1) structure and finished with 1.0 mm Thk. decorative laminate (M24) sheet on outside & and 0.8 mm Thk. liner laminate (M25) on inside as specified / approved by architect, fixed with necessary fixtures and fastening (Hardware) (M14), as per architect drawing. The similar Ply + laminate made shutter shall have 6mm. thk. Glass, fixed with required handle (M19), hinges (M18), magnet (M18) & Locks (M16) complete with bidding patties (M4) and all required hardware (M14). Ply shelves removable Type supported on side teak wood (M5) battens on both sides. All exposed edges shall be covered with 8 mm Thk. Teak wood beading Patti (M4) finished with melamine polish (M29). Complete or as directed as per architect drawing and as per instruction of architect & engineer in charge. (Size: 1200mm x 450mm x 2100mm)</p> 	

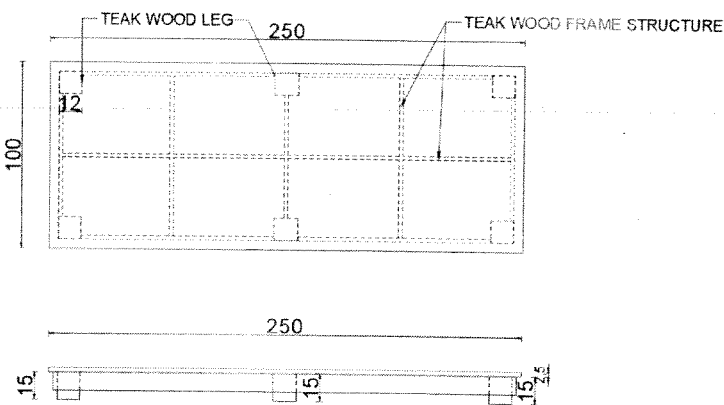
FURNITURE SPECIFICATION

Item No. 23 :-	CODE
M.S.Tijori – SC - steel cupboard	SC
<p>Providing and supplying Full height Storage, unit made with using Mild Steel. Surface finished with powder coated. Grey color on outside & in inside as specified approved by architect. The 2 doors shall be made with 6mm. thk. Glass and fixed with required handle (M19), hinges (M18)., magnet (M18) & Locks (M16) complete with all required hardware (M14). 4(four) shelves fixed with necessary fixtures and fastening (Hardware) (M14). Complete or as directed as per architect drawing and as per instruction of architect & engineer in charge. (Size: 90 cm x 60 cm x 240 cm)</p> <div data-bbox="545 851 928 1612" data-label="Image"> </div> <div data-bbox="539 1680 936 1729" data-label="Caption"> <p>Item No. 19 : HT-240 CM.</p> </div>	

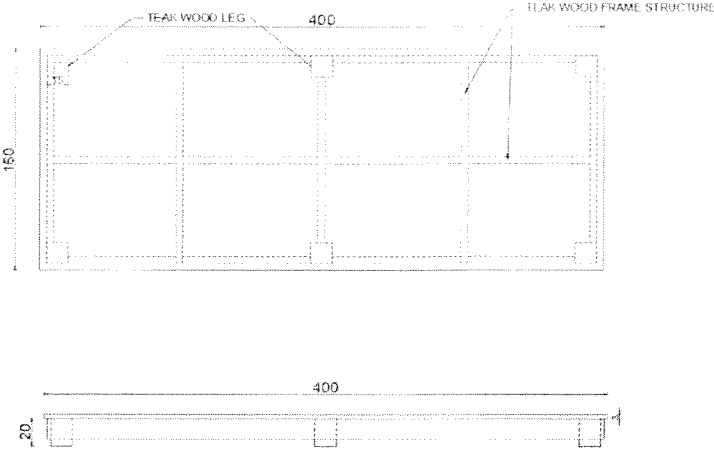
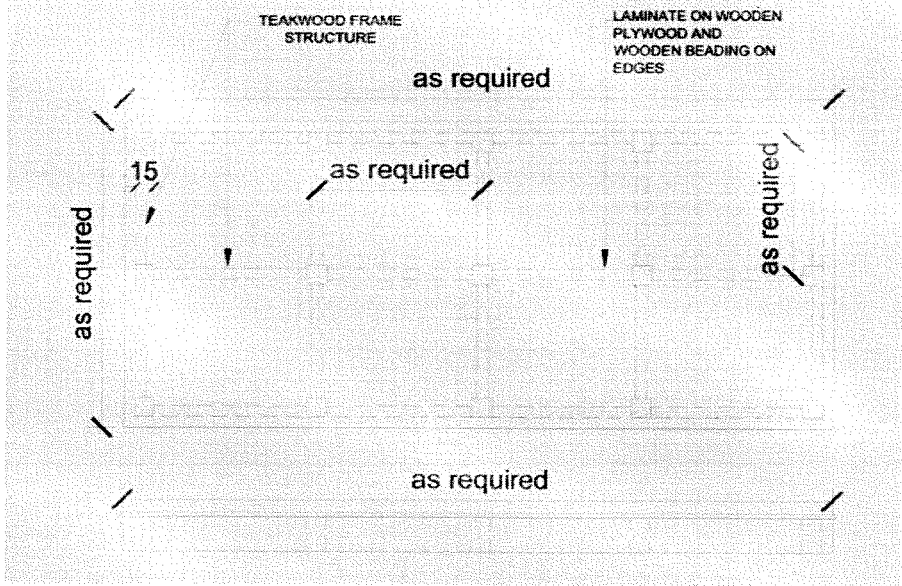
FURNITURE SPECIFICATION

Item No. 24 :-	CODE
Stool	24
<p>Providing and supplying stool table top made with using 19mm Thk Plywood (M1) finished with 1.0 mm Thk decorative laminate(M24) sheet fixed with necessary fixtures and fastening (Hardware) (M14).whole structure made with using required size of M.S frame structure finished with approved superior quality synthetic enamel paint of standard metal and ISI markets confirming to IS- 2392 shall be applied. Complete as per architect's drawings and as per instruction of architects and engineer in charge.</p> <p>M.S. structure of stool:</p> <p>Square box pipe size 25 x 25 x 1.25mm</p> <p>Stool size: 45 x 45 x 60 cm</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>PLAN</p> </div> <div style="text-align: center;">  <p>ELEVATION</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>	

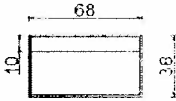
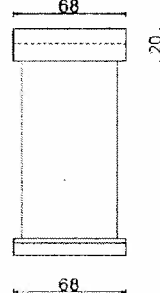
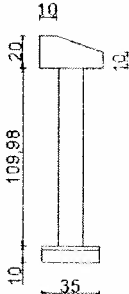

FURNITURE SPECIFICATION

Item No. 25 :- Classroom & Lab Stage	CODE STG
<p>Providing and supplying workshop and lab stage made with using 19mmThk plywood (M1) and good quality teak wood (M5) frame structure with required necessary legs support fixed with necessary fixtures and fastening (hardware) (M14) All exposed edges shall be covered with required teak wood beading Patti (M4). The whole workshop and lab stage finished with approved superior quality synthetic enamel paint of standard make and ISI market confirming to IS-2392 shall be applied. Complete as per architect's drawings and as per instruction of architect and engineer in charge.(Refer drawings)</p> <p>Size:- 250 x 100 x 15 cm</p> 	
Item No. 26 :- DIAS at seminar hall	CODE DIAS
<p>Providing and supplying seminar hall stage made with using 19mm Thk plywood (M1) and good quality teak wood (M5) frame structure with required necessary legs support fixed with necessary fixtures and fastening (hardware) (M14) All exposed edges shall be covered with required teak wood beading Patti (M4). The whole workshop and lab stage finished with approved superior quality synthetic enamel paint of standard make and ISI market confirming to IS-2392 shall be applied. Complete as per architect's drawings and as per instruction of architect and engineer in charge. (Refer drawings)</p> <p>Size :- 400 x 160 x 20 cm</p>	

FURNITURE SPECIFICATION

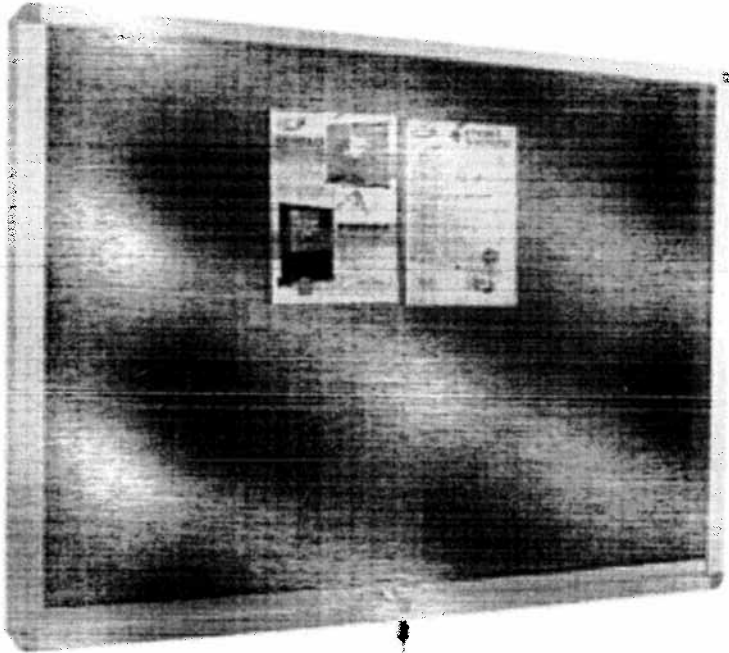
FURNITURE SPECIFICATION

Item No. 27 :- Podium	CODE P
<p>Providing and supplying Podium made with using 19mm Thk Plywood (M1) structure finished with 1.0 mm Thk decorative laminate(M24) sheet approved by architect fixed with necessary fixtures and fastening (Hardware) (M14).all edges shall be covered with required Teak wood beading Patti (M4) finished with approved melamine polishing (M29)work. The podium shall also provision for carrying wires & mounting electrical plug point, switches & mike etc. Complete as per architect's drawings and as per instruction of architect & engineer in charge.</p> <p>Size : - 58 x 38 x 110 cm</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>PLAN</p> </div> <div style="text-align: center;">  <p>FRONT ELEVATION</p> </div> <div style="text-align: center;">  <p>SIDE ELEVATION</p> </div> </div> <div style="text-align: right; margin-top: 20px;">  </div>	

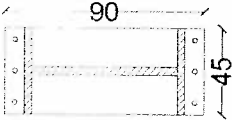
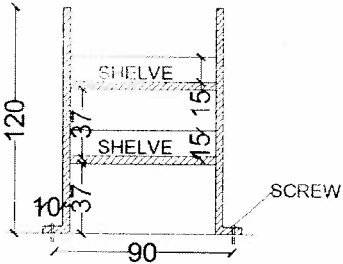
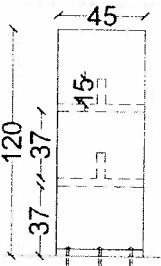
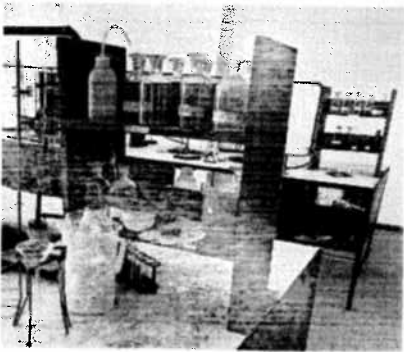
FURNITURE SPECIFICATION

Item No. 28 :- Single Bed with mattress	CODE BED
<p>Specification :</p> <p>Size of Rectangular Hollow section : 5 cm X 2.5 cm</p> <p>Size of Square Hollow Section : 2.5 cm X 2.5 cm</p> <p>Thickness of Hollow Section in Structure (mm) : 1.25 mm</p> <p>Support Panel for placement of mattresses : m s hollow box square section</p> <p>Thickness of support Panel (in mm) : 12 mm plywood (M1)</p> <p>Structure of Metal bed frame including legs and head Structure: M S HOLLOW RECTANGULAR / SQUARE SECTION</p> <p>Overall length of Bed in cm : 180cm</p> <p>Overall width of Bed in cm : 90cm</p> <p>Height of Bed in mm (± 10 mm) : 40 cm</p> <p>Paint /Finish of M S parts : Powder Coating</p> <p>Min Powder/paint coating thickness (Minimum) : 60 micron (Colour As per Selection)</p> <p>Number of support members : 4</p> <div style="text-align: center;">  </div> <p>Mattress with pillow:</p> <p>Single bed mattress Size : - 178cm x 90cm</p> <p>1 Nos. pillows with cover of size 60cm x 40cm Reliance Recron or equivalent brand.</p> <p>Providing and supplying Single bed mattress made with 32 Density PU foam (M22) with 10 cm thick & cover with fine quality cotton material Complete as per architects and engineer in charge.</p>	

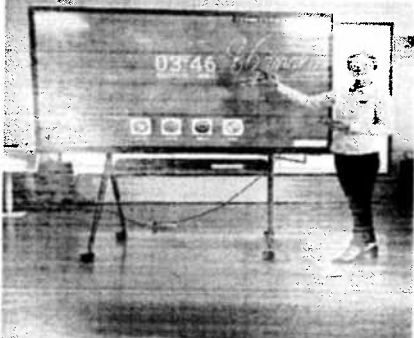
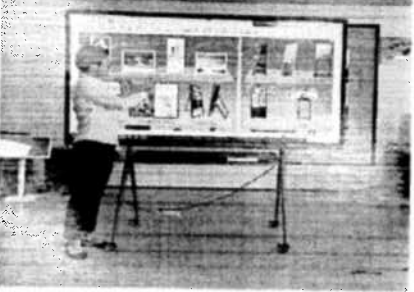

FURNITURE SPECIFICATION

Item No. 29 :-	CODE
Notice Board	NB
<p>6mm clear acrylic sheet with open able shutter and require anodized aluminum framing with required fixers and height as per requirement.</p> <p>Enclosed 4' x 2' notice board with aluminum frame and glass frame with lock</p> 	

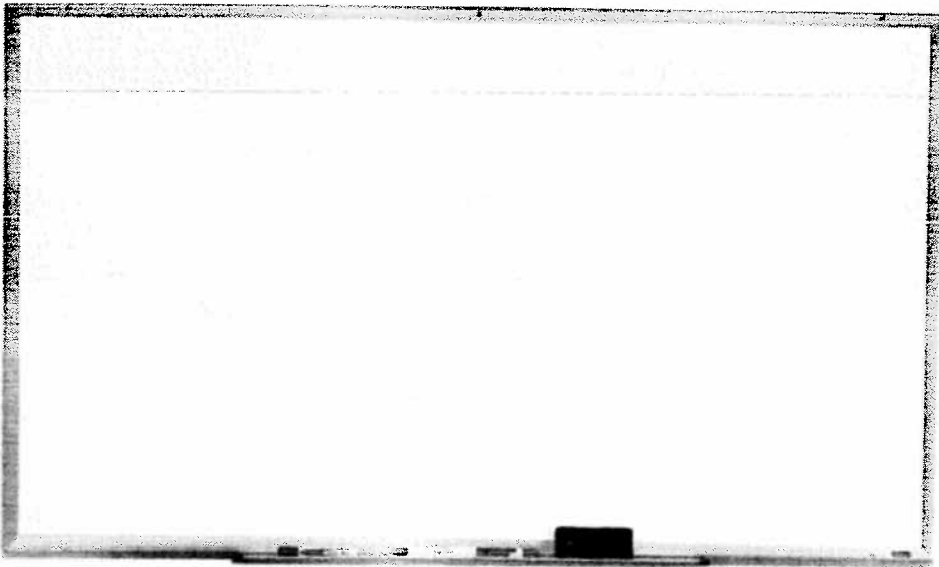
FURNITURE SPECIFICATION

Item No. 30 :-	CODE
Chemical Storage Rack	CSR
<p>Providing and supplying Chemical Storage Rack made with using 19mm Thk. Plywood (M1). Provide necessary shelves fixed with teakwood supports as/drawing. Whole Chemical Storage rack is fixed on Platform with necessary fixtures & fastening (hardware) (M14). The whole Chemical storage rack finished with Enamel Paint (M31) of standard make. Complete as per architect's drawings and as per instruction of architect and engineer in charge. (Refer drawings)</p> <p>Size :- 90 cm x 45 cm x 120 cm</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>PLAN</p> </div> <div style="text-align: center;">  <p>FRONT ELEVATION</p> </div> <div style="text-align: center;">  <p>SIDE ELEVATION</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  </div>	

FURNITURE SPECIFICATION

Item No. 31 :-	CODE
SMART screen	SMT TV
<p>Providing and installing Smart Board for Education, with a Touch Screen, can be utilized as Digital Whiteboard, smart tv to show videos and pictures, monitor as well to operate computer aided classes. Installation or stand fixing as directed by engineer in charge with necessary tools & Plants.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>	

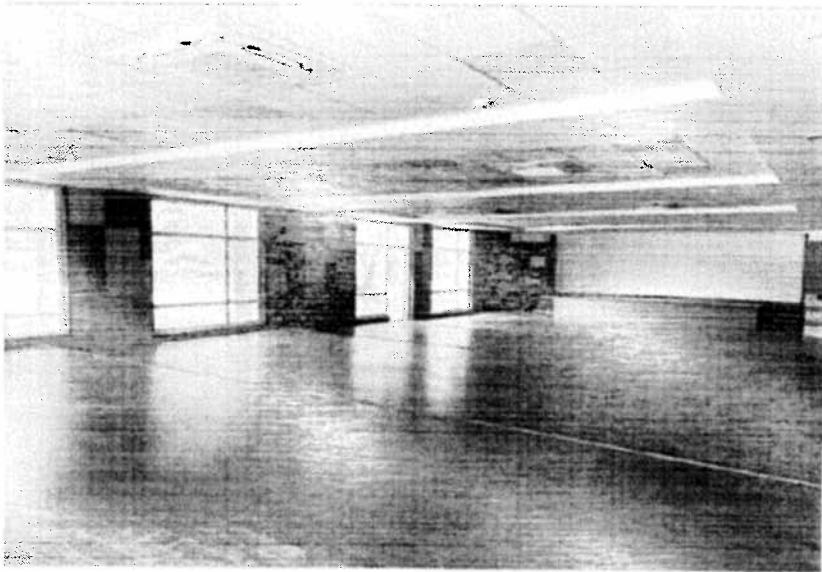
FURNITURE SPECIFICATION

Item No. 32 :- White Board	CODE WHT.BRD
<p>Providing, Supplying & fixing white board having size 180 x 120 cm including Aluminum frame, including using 5mm thick Armstrong single piece magnetic white board, including using 12mm plywood sheets as supporting on walls, boxing to conceal columns/beams as per plan, including fixing on wall with all materials & labour etc. complete as per instruction of architect & engineer in charge.</p>	
	

FURNITURE SPECIFICATION

Item No. 33 :-	CODE
Solid partition full or low height	PART.
<p>Providing & fixing 100 mm thk dry wall partition made out of 75mm-C-Studs - 0.6 mm thick, max. Spacing 625 mm for framing work. 12.5 mm gypsum sheet (Fire rating-up to 1 hour) on both side of framing work fixed with necessary fixtures and fastening (Hardware)(M14) finished with necessary wall paint. Providing 60mm insulation -mineral wool with raw density ≥ 27 kg /cbm. (for Conference hall partition) min wall weight shall be 30kg/sq mt.</p> <div data-bbox="253 916 383 936" data-label="Text">ITEM NO. - 13</div> <div data-bbox="269 996 616 1397" data-label="Image"> <p>12.5 mm gypsum sheet</p> <p>75 mm C Stud</p> <p>SOLID PARTITION</p> </div> <div data-bbox="616 853 1002 1447" data-label="Image"> </div>	

FURNITURE SPECIFICATION

Item No. 34 :-	CODE
Acoustic Treatment	AC.T
<p>Acoustical ceiling -Perforated Magnesium plaster finish tiles in 2ftx2ft grid 8mm in thickness with necessary fixers and fitting with proper insulation in inner surface.NRC value -0.8</p> <p>Insulation – Glasswool/Rockwool/synth polyfibre of 50mm thickness at inner side of ceiling</p> <p>Acoustical Wall paneling- HDF panel of pinewood 16mm thick with tongueAnd groove mechanism with necessary fixers and fitting with proper insulation in inner surface.NRC-value-0.8</p> <p>Insulation – Glasswool/Rockwool/synth polyfibre of 50mm thickness at inner side of Wall paneling.</p> 	

FURNITURE SPECIFICATION

SCHEDULE OF APPROVED MAKE LIST					
Sr. No	Material Code	Material	Company/ Make	Product Name/Model	Product Code No
1	M1	Plywood (B.W.P.)	1.1 Century Ply 1.2 Green ply 1.3 Archidply 1.4 Kit ply	-Club Prime -Green Gold Prima Plywood -Archidply -Platinum Prime -Kit ply Gold	
2	M2	Plywood (M.R.)	2.1 Century Ply 2.2 Green ply 2.3 Archidply 2.4 Kit ply		
3	M3	Block Board	3.1. Century Ply 3.2 Green ply 3.3 Archid ply 3.4 Kit ply	-Club Prime Block Board -Green BWP Block board -Archid ply BWP Block Board -Classic/Gold -Kit board Plus	
45	M45	Flexible Plywood	45.1 Green ply		
4	M4	Beading Patti	4.1 Teakwood	22x6 mm A grade 32x6 mm A grade 45X6 mm A grade	
5	M5	Hardwood	5.1 Good quality	-Properly seasoned and without knots	
6	M6	Softwood	6.1 Sp. Chill	-Properly seasoned and without knots	
7	M7	Medium Density Fiber Board(MDF)	7.1 Century Ply 7.2 Green ply 7.3 Nuwud Vardhman Traders		
8	M8	Cement Fiber Boards	8.1 Shera 8.2 Visaka 8.3 SCG Smart wood 8.4 Everest		
9	M9	Cement bonded wood particle board	9.1 Bison		

FURNITURE SPECIFICATION

10	M10	Dry Wall system	10.1 India Gypsum Pvt. Ltd. 10.2 Gyproc-Saint Gobain India Pvt. Ltd. 10.3 USG Boral		
11	M11	Gypsum Board Ceiling	11.1 India Gypsum Pvt. Ltd. 11.2 Gyproc-Saint Gobain India Pvt. Ltd. 11.3 USG Boral		
12	M12	Tile base Ceiling	12.1 Armstrong 12.2 India Gypsum Pvt. Ltd. 12.3 Gyproc-Saint Gobain India Pvt. Ltd. 12.4 USG Boral 12.5 Aerolite		
13	M13	Acoustic Ceiling & panels	13.1 Anutone 13.2 Ecotone 13.3 Gyproc-Saint Gobain India Pvt. Ltd.		
14	M14	Hardware	14.1 Kich India 14.2 Ebco Pvt. Ltd. 14.3 Hettich 14.4 Hafale 14.5 Enox 14.6 Ozone		
15	M15	Telescopic roller channel	15.1 Kich India 15.2 Ebco Pvt. Ltd. 15.3 Hettich 15.4 Hafale		
16	M16	Locking System	16.1 Kich India 16.2 Ebco Pvt. Ltd. 16.3 Hettich 16.4 Hafale 16.5 Europa 16.6 Godrej		
17	M17	Brackets for Mirror	17.1 Kich India 17.2 Ebco Pvt. Ltd. 17.3 Hettich 17.4 Hafale		

FURNITURE SPECIFICATION

Sr. No	Material Code	Material	Company/ Make	Product Name/Model	Product Code No
18	M18	Hinges/ Misc Hardwares	18.1 Kich India 18.2 Ebco Pvt. Ltd. 18.3 Hettich 18.4 Hafale		
19	M19	Cabinet/ Drawer Handles	19.1 Kich India 19.2 Ebco Pvt. Ltd. 19.3 Hettich 19.4 Hafale		
20	M20	SS Hanger Pipe	20.1 Kich India 20.2 Ebco Pvt. Ltd. 20.3 Hettich 20.4 Hafale		
21	M21	Adhesive	21.1 Pidilite Fevicol 21.2 Bluecoat 21.3 Araldite		
22	M22	PU Foam	22.1 Sheela- Feather form (Sleepwell) 22.2 Sweet Dreem (Tirupati Foam Ltd) 22.3 Nufeel (Fancy Foam Pvt. Ltd.)	-For core high density form of 40-50 Kg/m ³ and for outer overlay super soft form of 20-35 Kg/m ³	
23	M23	Veneer	23.1 Century Ply 23.2 Greenply 23.3 Archidply 23.4 Kilply	-(any natural wood grain type teakwood / Grain wood)	
24	M24	Laminate	24.1 Century Laminates 24.2 Greenlam Laminate 24.3 Merino Laminates 24.4 Aica-sunmica, 24.5 Royale Touche 24.6 Boutonica 24.7 Bloom 24.8 Heritage 24.9 Riolam	-Surface finishes with Matt/ Glosy/ Textured/ High gloss 1.0 mm thick	
25	M25	Laminate Liner	25.1 Century Laminates 25.2 Greenlam Laminate 25.3 Merino Laminates 25.4 Aica-sunmica, 25.5 Royale Touche	-White in colour, 0.8 mm thick	

FURNITURE SPECIFICATION

			25.6 Boutonica 25.7 Bloom 25.8 Heritage 25.9 Riolam		
26	M26	Fabric upholstery	26.1 D'Décor 26.2 Atmosphere 26.3 Sarom 26.4 Response fabrics		
44	M44	Artificial leather / Leatherette	44.1 Mayur Uniquoters Limited 44.2 MarvelVinyls 44.3 Winner Nippon 44.4 Royal touch (Natroyal Group)	1.7-5.0 mm thick	
27	M27	Glass	27.1 Gujarat Guardian Ltd. (Modigaard) 27.2 Asahi India Glass Limited 27.3 Saint Gobain Glass India Pvt Ltd		
28	M28	Mirror	28.1 Gujarat Guardian Ltd. (Modigaard) 28.2 Asahi India Glass Limited 28.3 Saint Gobain Glass India Pvt Ltd		
29	M29	Melamine Polish	29.1 Asian Paints 29.2 Pidilite		
46	M46	PU Polish	46.1 Asian Paints 46.2 Pidilite		
30	M30	Emulsion Paint	30.1 Asian Paints 30.2 Nerolac Paints 30.3 ICI Dulux		
31	M31	Enamel Paint	31.1 Asian Paints 31.2 Nerolac Paints 31.3 ICI Dulux	(Duco Paint -NC Lacquer)	
32	M32	Wall Paper	1. D'Décor 2. Marshalls 3. BVG 4. Adornis		

FURNITURE SPECIFICATION

Sr. No	Material Code	Material	Company/ Make	Product Name/Model	Product Code No
33	M33	Wooden flooring (laminated particle board/ MDF/ Engineered wood flooring)	33.1 Pergo 33.2 Inovarfloor 33.3 BVG 33.4 Par-Ky 33.5 Tarkett 33.6 Lamiwood 33.7 Shawfloors		
34	M34	Blinds (Roller & Zebra)	34.1 D'Décor 34.2 Deck blind 34.3 Marvel Decor Ltd. 34.4 MAC 34.5 Adornis	Roller & Zebra Blinds with manual operating system in Fabric or Vinyl with Std. Shading (60% Block)	
35	M35	Curtains	35.1 D'Décor 35.2 Atmosphere 35.3 Sarom		
36	M36	Mattress & Cushions	36.1 Sleepwell 36.2 Springwell mattress 36.3 Peps 36.4 Kurl-on	Spring/ Bonded Foam type	
37	M37	Bed sheets/ Cushion covers/ comforters	37.1 Bombay Dyeing 37.2 D'Décor 37.3 Portico or equi.	Bed sheet- 100% cotton & White in color	
38	M38	Floor Carpet/ Rug	38.1 D'Décor 38.2 Knots India 38.3 Marwarcarpets 38.4 Saif Carpets 38.5 Tandus Centiva (Tarkett) 38.6 Shawfloors	Nylon/ Polyester/ Polypropylene material pile thickness 6 mm, turf withdrawal system not less than 20 N, min. 165000 turfs/SqMt, Stich ratio 40/10 cm, bulk continuous filament type yard construction	

FURNITURE SPECIFICATION

39	M39	Office Chair			
		High Back - Revolving	39.1 HOF 39.2 Durian 39.3 Godrej interio	MAR-1003 Oxford- Fabric Chair Beat- Fabric high back	
		Medium Back - Revolving	39.1 HOF 39.2 Durian 39.3 Godrej interio	MAR-1004 Oxford- Fabric Chair Beat- Fabric Medium back	
		Visitor's chair	39.1 HOF 39.2 Durian 39.3 Godrej interio	VIT-1005 Decent OFFICE 1004	
		High Back Revo lving, Mesh back	39.1 HOF 39.2 Durian 39.3 Godrej interio	Spon(H) Jordon Leoma	
		Medium Back Revolving, Mesh Back	39.1 HOF 39.2 Durian 39.3 Godrej interio	Spon(M) Jordon Leoma	
40	M40	Modular Furniture	40.1 HOF 40.2 Durian 40.3 Godrej interio 40.4 Featherlite 40.5 Wipro		
41	M41	LED TV	41.1 Sony 41.2 Samsung 41.3 Panasonic		
42	M42	Misc. Accessories-Paintings Artifacts Flower vase Foot rug Dustbin Wall Clock Planter			

Note: The Contractor should obtain prior approval from Architects before placing order for any specific material / agency.