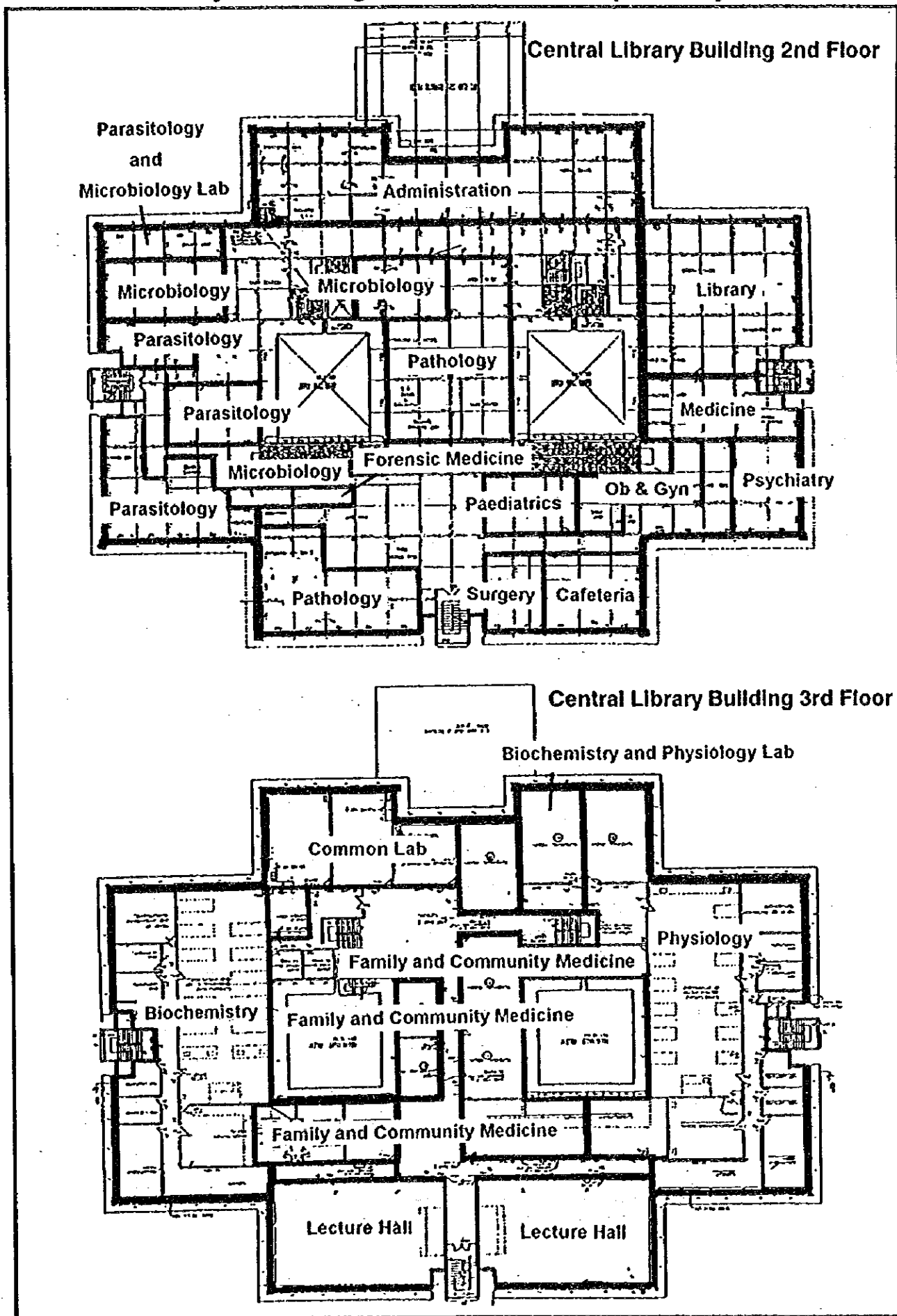


8. Site Plan

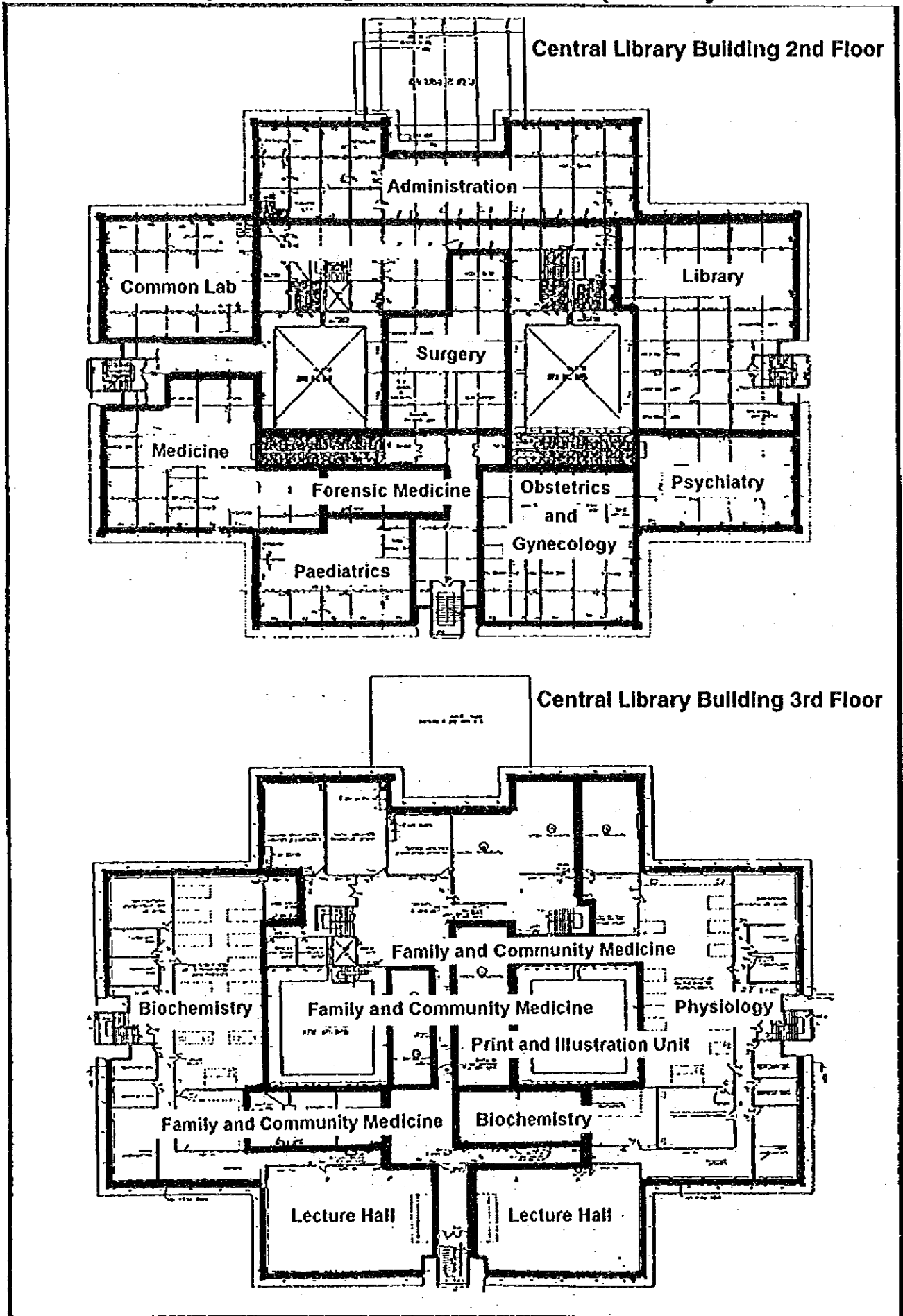
[Present]

Central Library Building 2nd, 3rd Floor (Faculty of Medicine)

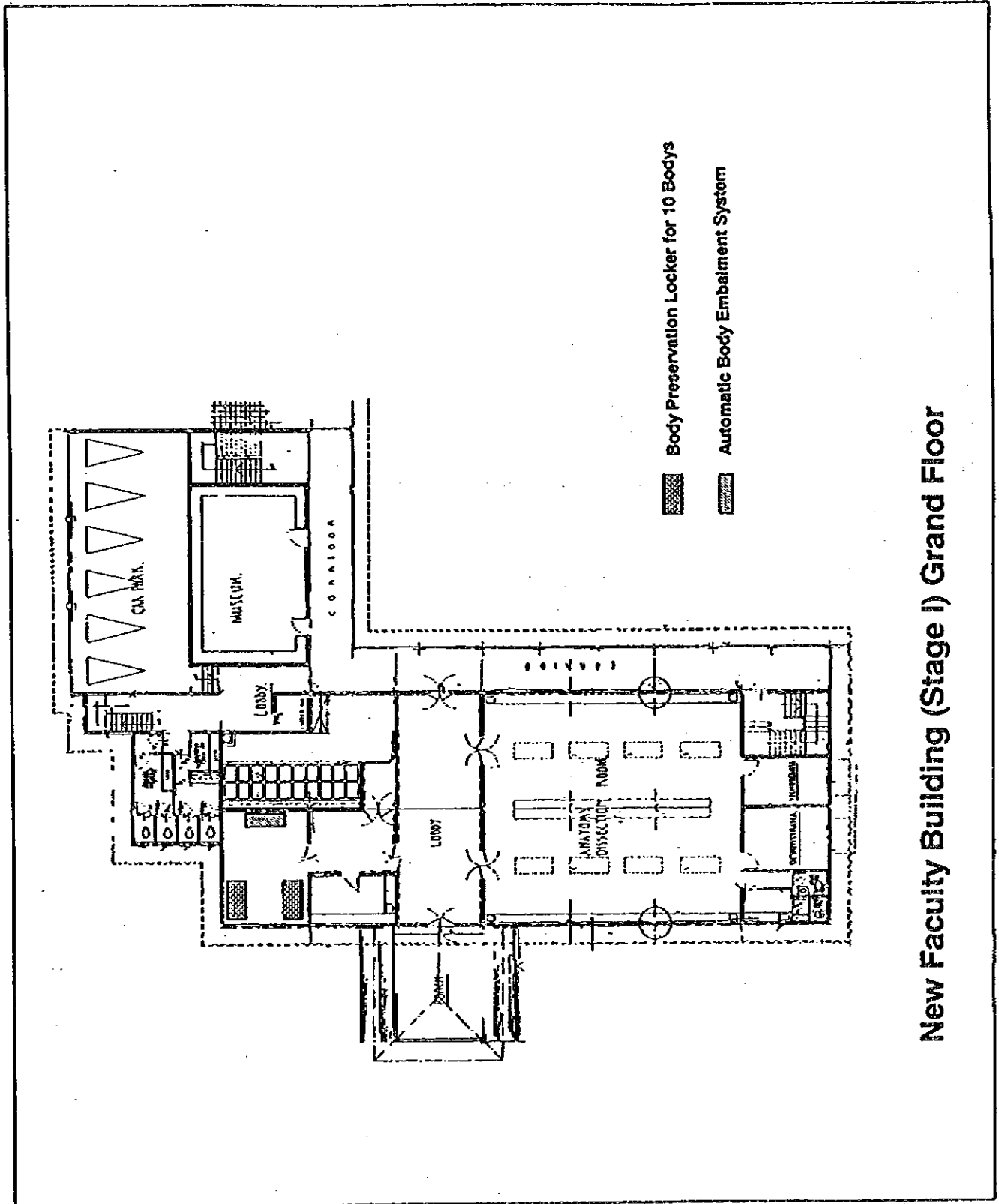


[After the Project]

Central Library Building 2nd, 3rd Floor (Faculty of Medicine)

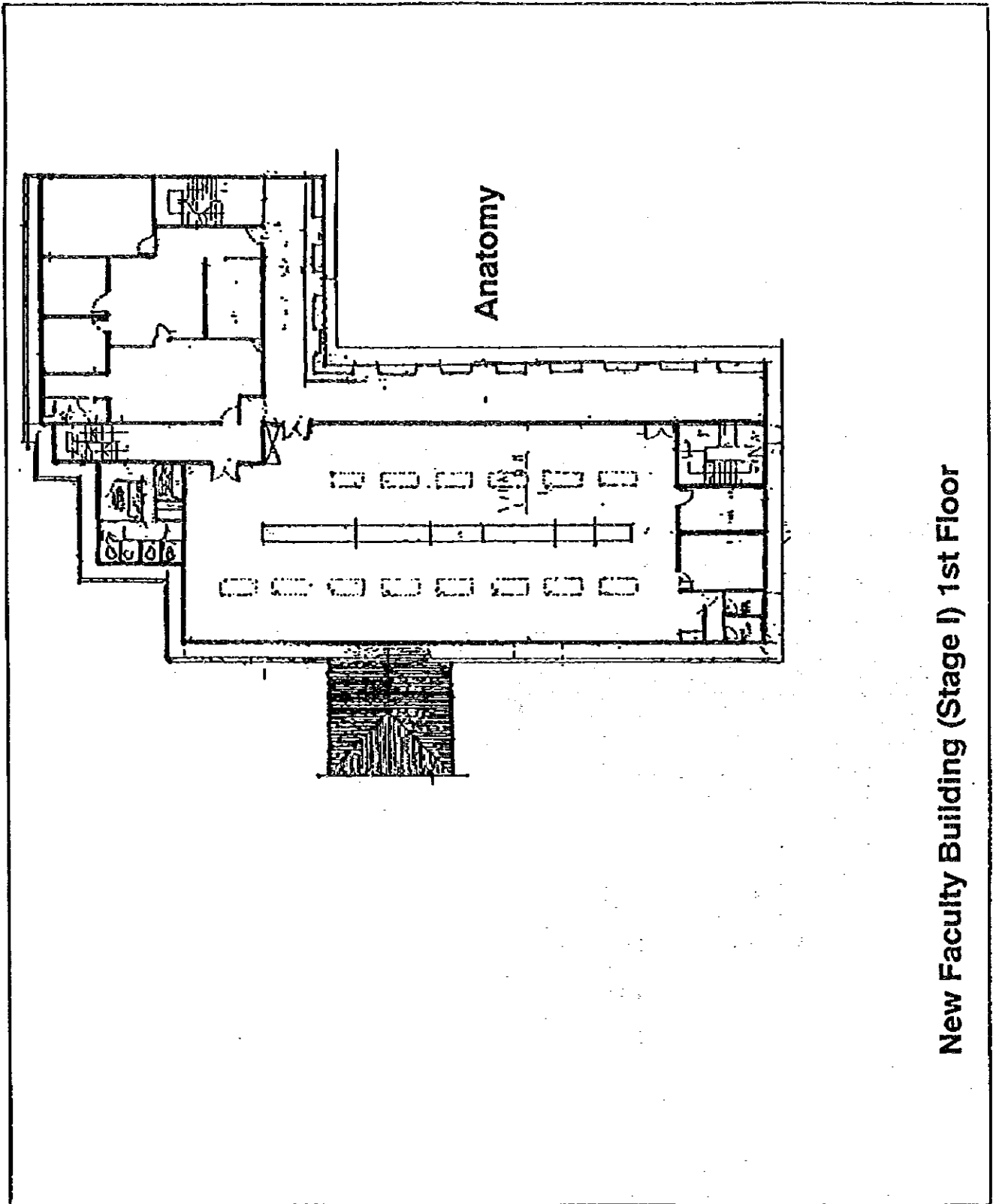


After the Project



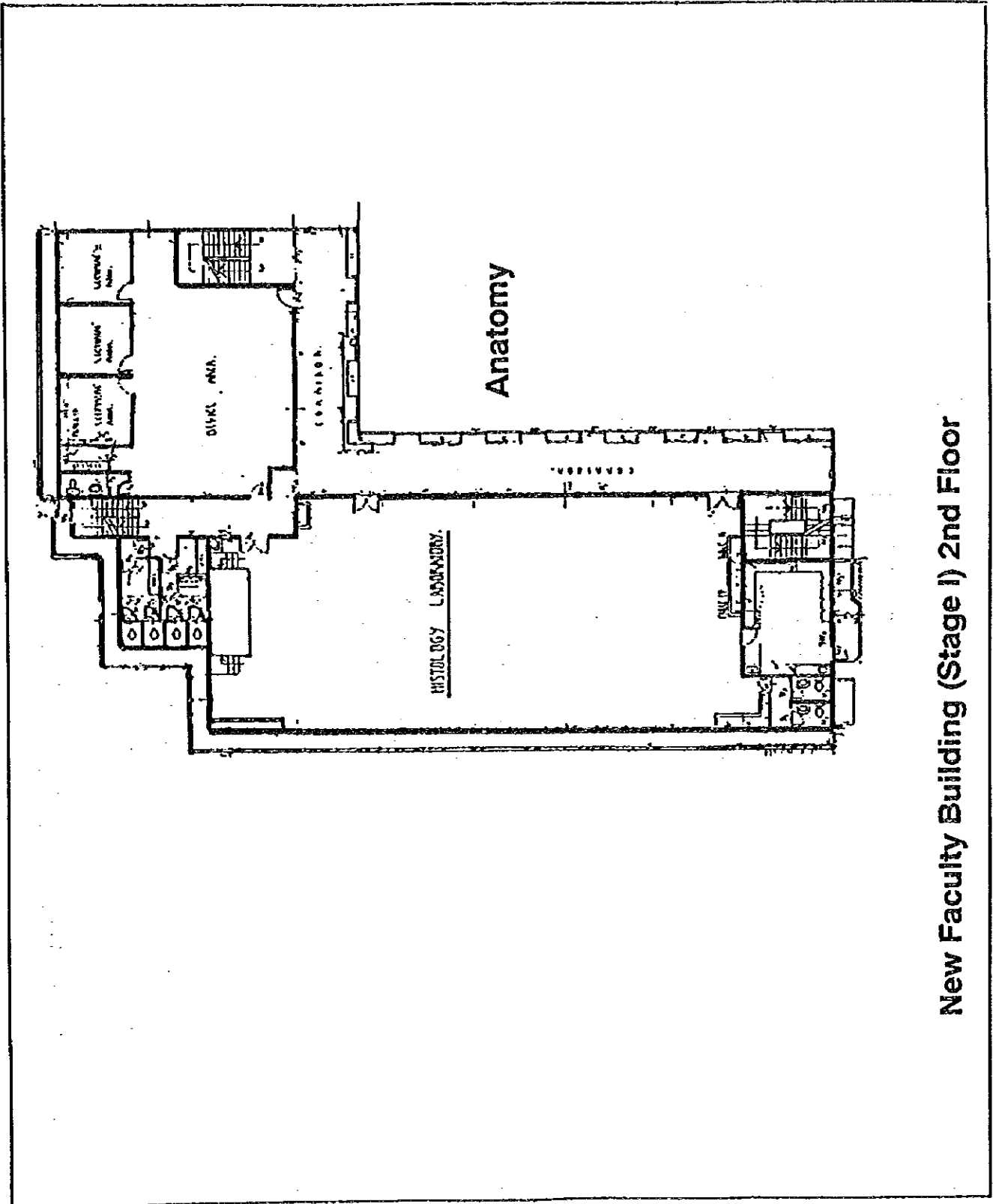
New Faculty Building (Stage I) Grand Floor

After the Project



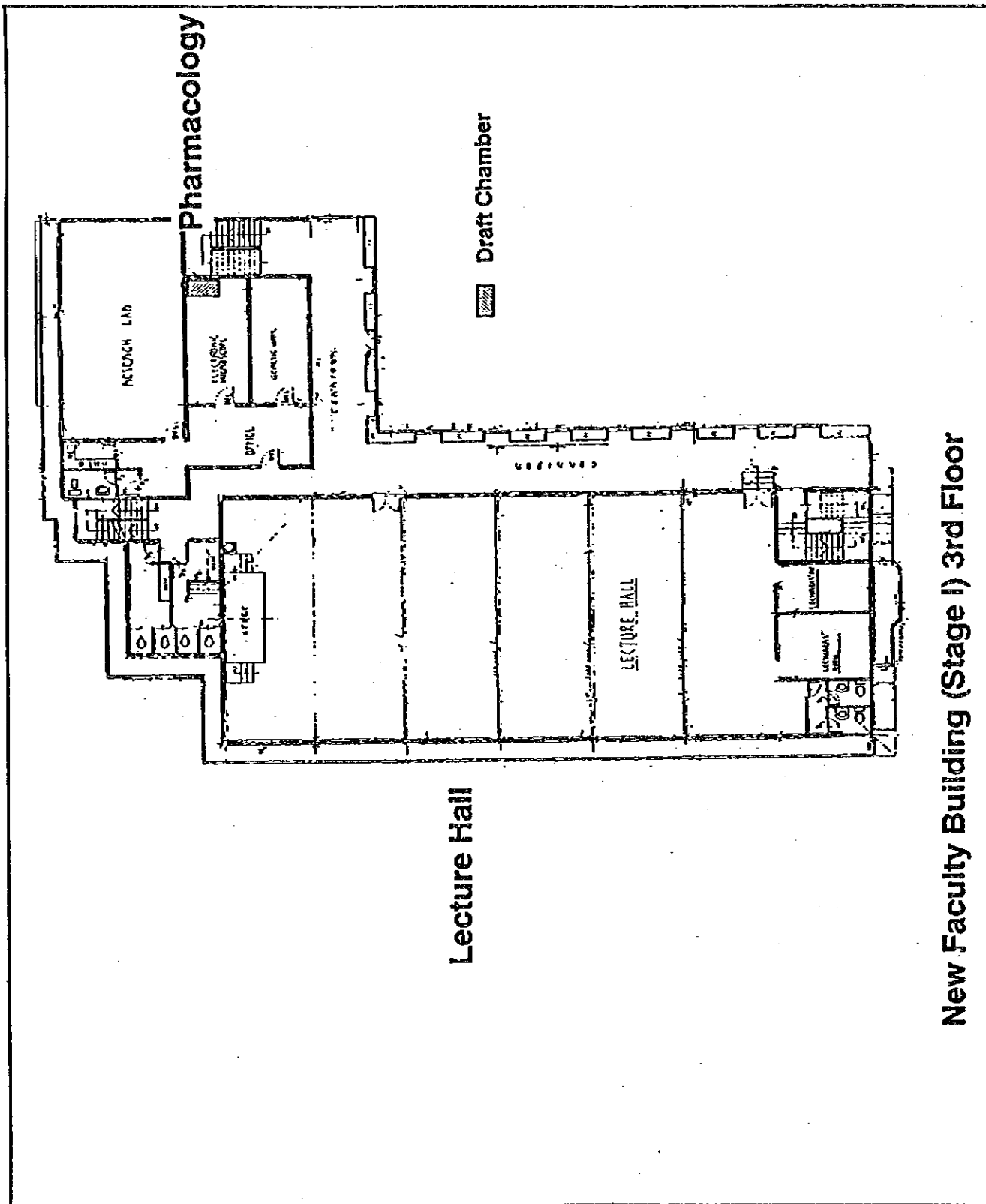
New Faculty Building (Stage I) 1st Floor

After the Project

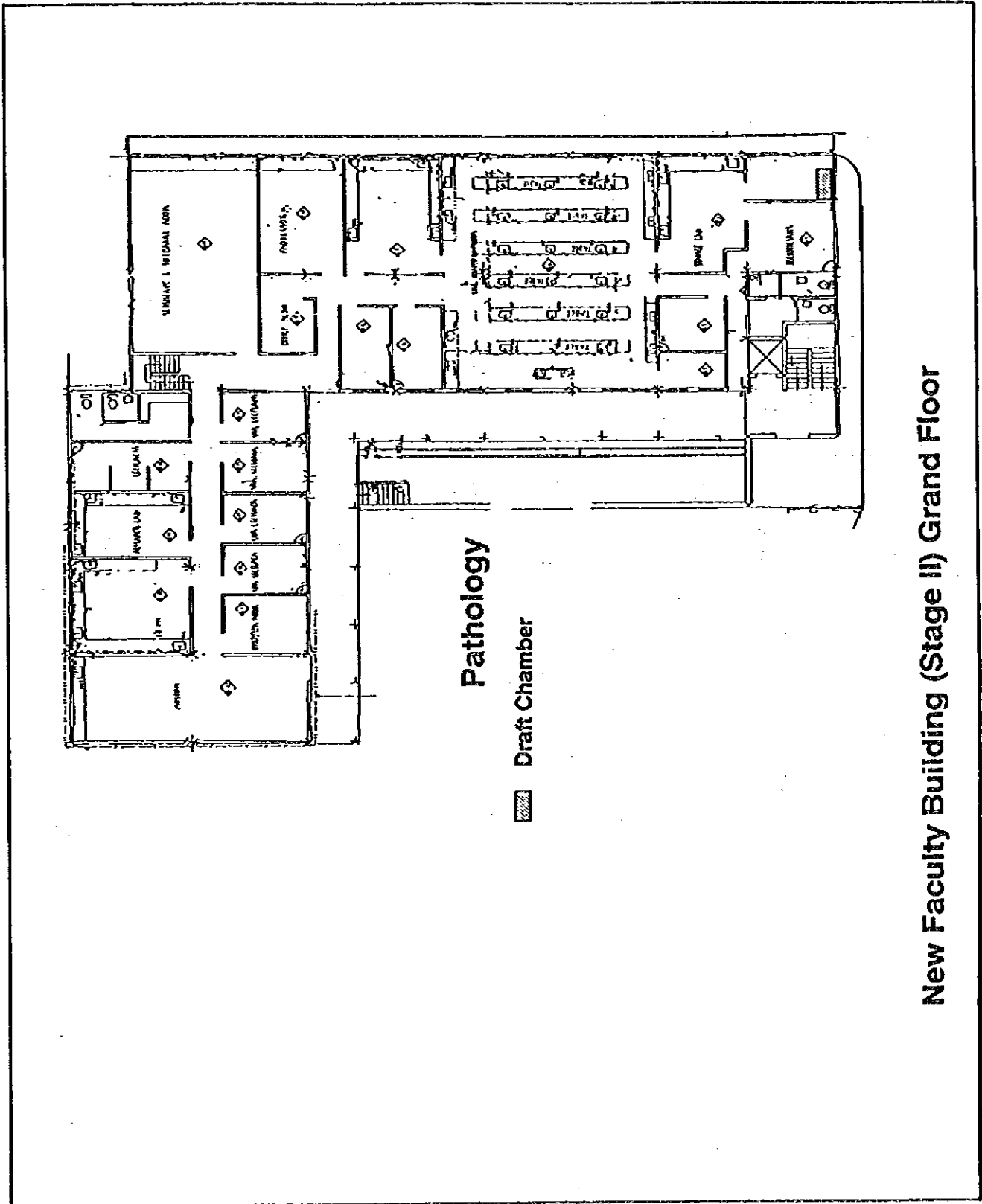


New Faculty Building (Stage I) 2nd Floor

After the Project

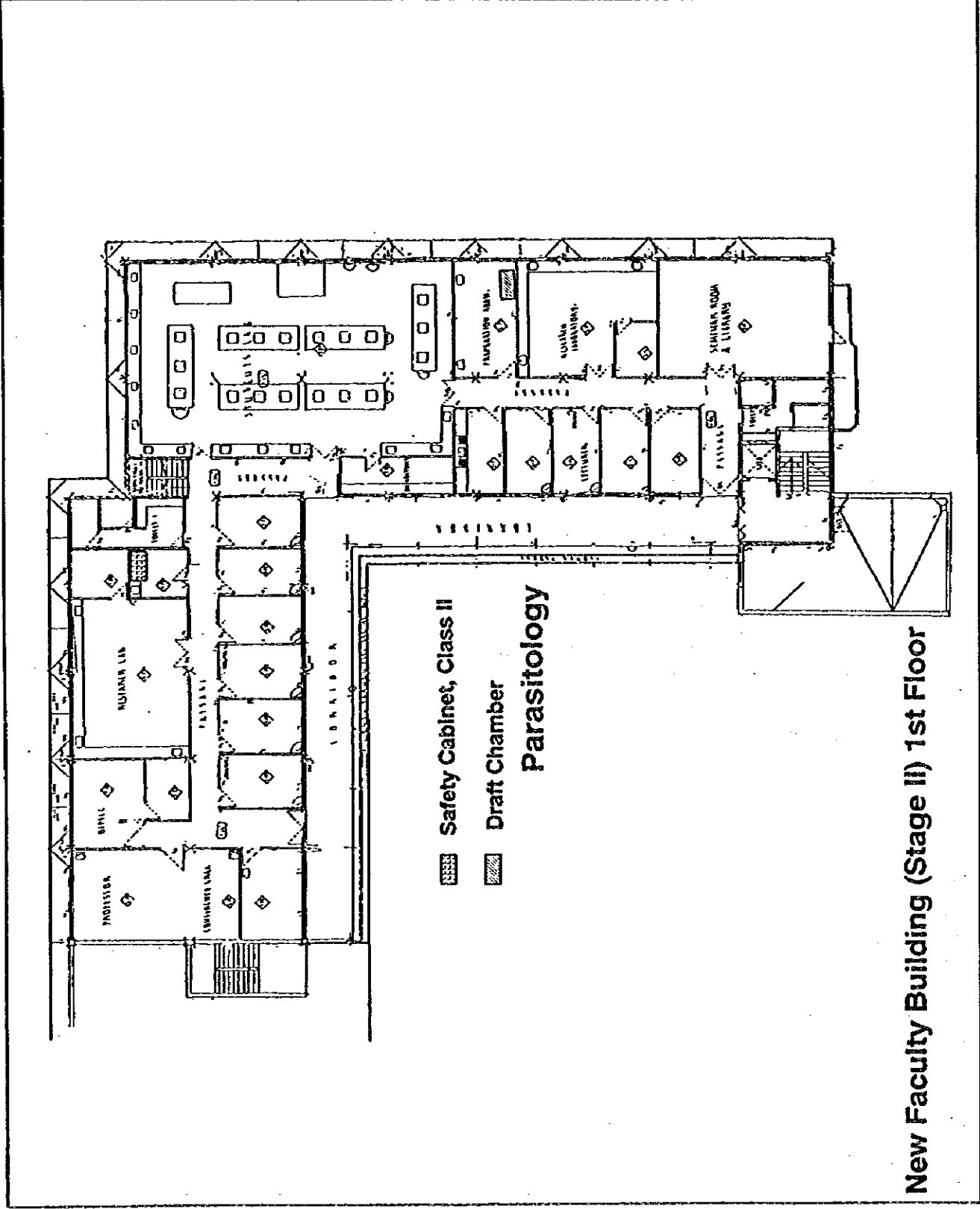




After the Project



New Faculty Building (Stage II) Grand Floor

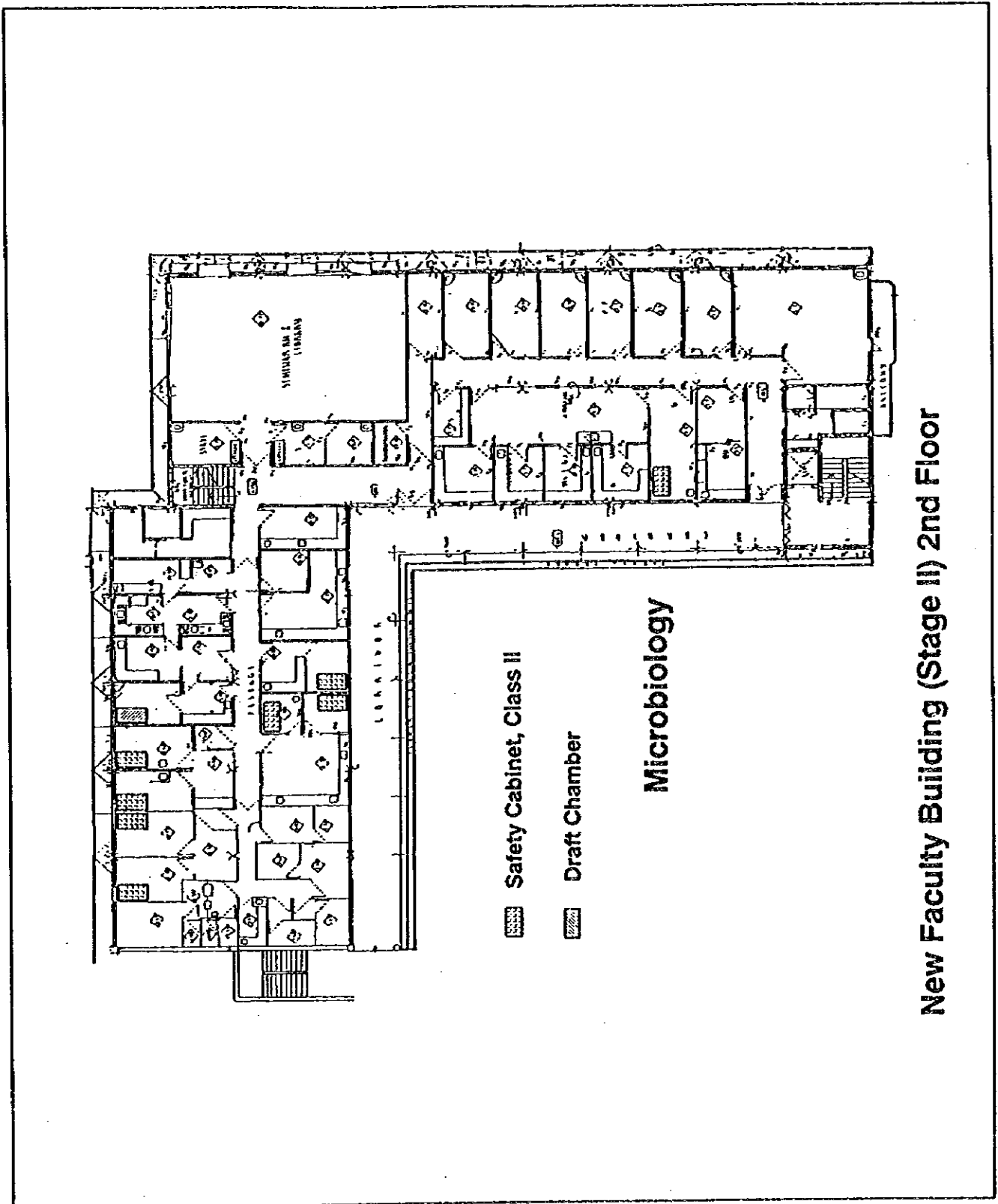
After the Project



 Safety Cabinet, Class II
 Draft Chamber
 Parasitology

New Faculty Building (Stage II) 1st Floor

After the Project



New Faculty Building (Stage II) 2nd Floor

9. Minutes of Discussion(Basic Design Survey)

MINUTES OF DISCUSSIONS ON BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT OF THE EDUCATIONAL EQUIPMENT FOR
THE FACULTY OF MEDICAL SCIENCES, THE UNIVERSITY OF SRI JAYEWARDENEPURA
IN
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

In response to a request from the Government of the Democratic Socialist Republic of Sri Lanka, the Government of Japan decided to conduct a basic design study on the Project for Improvement of the Educational Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura (hereinafter referred to as "the Project"), and entrusted the study to Japan International Cooperation Agency (JICA).

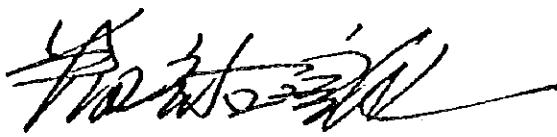
JICA dispatched to Sri Lanka a study team (hereinafter referred to as "the Team") which was headed by Dr HANDA Yujiro, Development Specialist, JICA, and which was scheduled to stay in the country from October 7 to November 1, 1996.

The Team has had a series of discussions with relevant officials of the Government of Sri Lanka and conducted site survey.

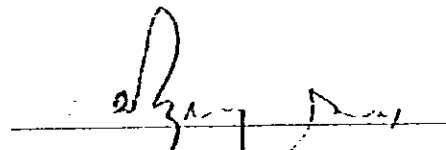
In the course of discussion and site survey the team and Sri Lankan side have confirmed basic issues described in attached sheets.

The team will proceed to further works and prepare the Basic Design Study Report.


October 16, 1996 Colombo



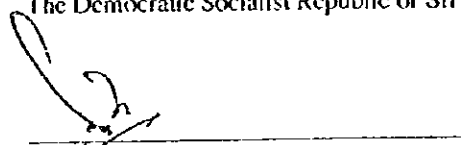
Dr. HANDA Yujiro
Leader
Basic Design Study Team
Japan International Cooperation Agency



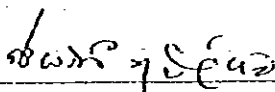
Ms. C. ABEYGUNAWARDENA
Additional Secretary
Ministry of Education & Higher Education
The Democratic Socialist Republic of Sri Lanka



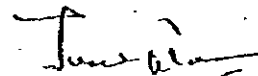
Prof. S. TILAKARATNA
University Grant Committee
Ministry of Education & Higher Education
The Democratic Socialist Republic of Sri Lanka



Prof. P. WILSON
Vice Chancellor
The University of Sri Jayewardenepura



Mr. D.D.J. KUDALIGAMA
Additional Director General
Department of External Resources
Ministry of Finance & Planning
The Democratic Socialist Republic of Sri Lanka



Dr. K.C.S. DALPATADU
Deputy Director General
Ministry of Health
The Democratic Socialist Republic of Sri Lanka

ATTACHMENT

1. Objective

The objective of the Project is to provide internationally standardized medical/paramedical training for all students of the Faculty of Medical Sciences, the University of Sri Jayewardenepura (hereinafter referred to as "the Faculty") through procurement of necessary equipment thereof.

2. Project site

1) The Faculty of Medical Sciences, the University of Sri Jayewardenepura (See Annex - 1)

2) University Professorial Unit* and other teaching facilities* in the Colombo South Hospital

*Management Responsibility : the Faculty, the University of Sri Jayewardenepura under the Ministry of Education and Higher Education

3. Responsible and Executing Agency

Ministry of Education and Higher Education is responsible for the administration and execution of the Project.

4. Items requested by the Government of Sri Lanka

1) After the discussions between Sri Lankan side and the Team, items and quantities described in Annex-II were finally requested by the Government of Sri Lanka for consideration by the Government of Japan to be procured under the Grant Aid. However, items and quantities to be included in the Project will be decided after further study.

2) The Government of Sri Lanka agreed to give priority order to the requested equipment as follows :

A = 1st Priority

B = 2nd Priority

C = 3rd Priority

3) The Government of Sri Lanka agreed that the Japanese side will analyze the requested items based on 'policy and criteria for selection of equipment' referred in Annex-III.

5. Japan's Grant Aid System

1) The Government of Sri Lanka has understood the system of Japan's Grant Aid explained by the team (See ANNEX-IV).

2) The Government of Sri Lanka will take necessary measures, described in Annex-V, for smooth implementation of the Project on condition that the Japan's Grant Aid is extended to the Project.

6. Schedule of the study

1) The team will proceed to further study in Sri Lanka until November 1, 1996.

2) JICA will prepare a draft of the basic design and dispatch a mission to Sri Lanka in order to explain its contents in January 1997.

7. Other relevant issues

1) Concept of the Project as a result of consensus workshop

Consensus workshop with participation approach was held at the Faculty with the faculty teaching staffs and the members of the Team. Concept of the Project was reviewed and confirmed in the discussions. The result is summarized in Annex-VI with the identification of Goal, Project Purpose and Outputs.

2) Physical Facilities

In order to execute the Project, Sri Lankan side is requested to take actions for the construction of facilities scheduled as described in Annex-VII.

In case that the constructions of those facilities is not ready to accommodate the equipment in time as shown in Annex-VII, the scale of project may be limited to the available physical facilities.

3) Recurrent Cost and personnel

Necessary recurrent cost and personnel for the improved Faculty by the Project should be secured by Sri Lankan side.

4) Maintenance

Proper maintenance system and facilities should be organized by the Faculty. Collaboration with BES and CISIR on this issue is recommended by the Team.

5) Common usage of the equipment

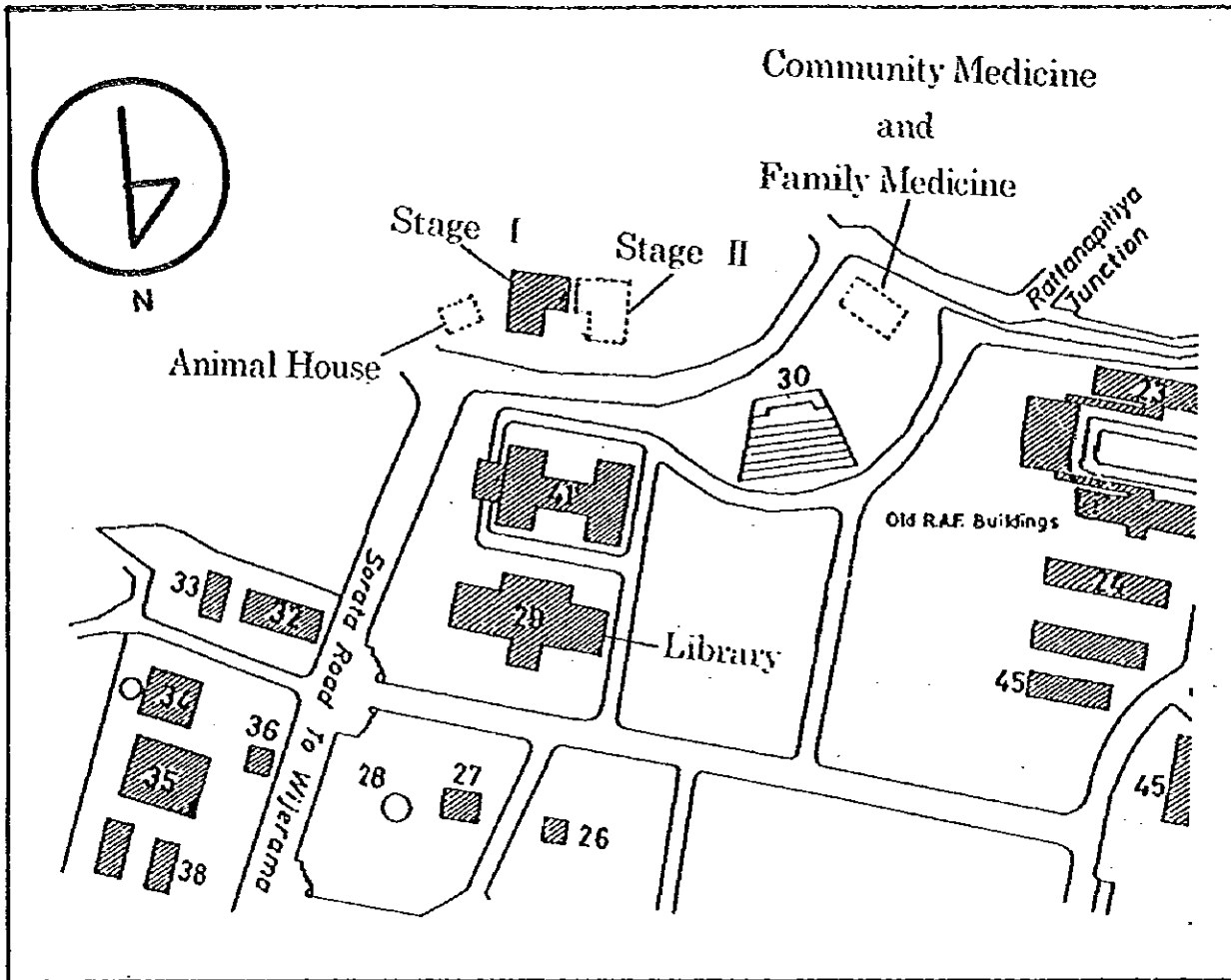
Common usage of the selected equipment among different departments should be arranged with proper management system.

6) Management of the equipment introduced to Colombo South Hospital

This particular task should be covered by the Ministry of Education and Higher Education.

C. J. V. S. S.

ANNEX-I
UNIVERSITY OF SRI JAYAWARDANAPURA

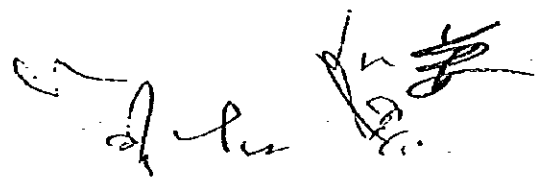


BUILDING NAME	FLOOR	DEPARTMENT
Stage 1 Bld.	GL	Anatomy
	1st	Anatomy
	2nd	Anatomy, Pharmacology
	3rd	Auditorium
Stage 2 Bld.	GL	Pathology
	1st	Parasitology, Student Lab.
	2nd	Microbiology
Central Library Bld.	2nd	Medicine
		Surgery
		Paediatrics
		Obstetrics & Gynecology
		Psychiatry
		Forensic Medicine
		Administration
		Medical Education
	3rd	Biochemistry
		Physiology
		Illustration
Community Medicine & Family Medicine	GL(only)	Community Medicine & Family Medicine
Animal House	GL(only)	Animal House

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ANNEX-II

Equipment List

A handwritten signature in black ink, appearing to be 'S. S. S.', located in the bottom right corner of the page.

ANNEX-II
EQUIPMENT LIST

Common Items among the Department			
New No.	No	Description	Q'ty
10	17	Double Beam Spectrophotometer,200-1000nm	A 2
12	19	Digital Flame Photometer	A 2
13	20	IR Spectrophotometer	C 1
15	23	Fully Automatic Random Access Analyzer	C 1
29	38	Ice Flake Maker	A 2
33	42	Freeze Dryer	A 1
45	56	Ultracentrifuge, 30000-150000 rpm	C 1
47	58	Centrifuge, Cold, High Speed	A 1
48	59	Centrifuge, Refrigerated	A 1
49	60	Refrigerated Microfuge with Rotors	A 1
59	69	Dilutors	A 2
94	112	Gel Documentation and Analysis System	C 1
97	115	Auto(Water) Still	A 1
105	125	Programmable, Cell Harvester	C 1
111	136	HPLC System	C 1
112	137	Blood chemical concentration analyzer(Abbott TDX Analyzer)	C 1
151	195	Blood Gas Analyzer	A 1
167	212	Laparoscope with Video Unit	A 1
171	216	Ultrasound Machine with Color Doppler	B 1
172	217	Olympus Video Endoscopy System (EVIS)	A 1
173	218	Gastrointestinal Fiberscope, Neonatal	A 1
241	363	Laptop Computer	A 5
242	365	Color Video Projector	A 1
246	375	Bubble Jet Color printer	A 2
247	376	Dot Matrix Printer 24 Pin	A 3
248	378	Photocopying Machine	A 5
249	380	Electronic Duplicating Machine (Rizograph)	A 5
252	387	Electronic Stencil Scanning Machine	B 2
260	400	Fax Machines	B 5
266	434	Uninterrupted Power Supply (UPS)	A 1
267	435	Stabilizers	A 5

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ANNEX-II
EQUIPMENT LIST

Department of Anatomy			
New No.	No	Description	Q'ty
1	1	Teaching Microscope with 5 teaching attachment	A 1
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 3
5	5	Inverted Tissue Culture Microscope	B 1
8	12	Biological Microscope	A 60
9	15	Stereoscopic Zoom Microscope	A 1
20	29	Cryostat with Knife	C 1
25	34	Refrigerator (150L)	A 2
37	46	Incubator (150L)	B 1
43	54	Tissue Culture Glove Box	B 1
44	55	Fume Hood	B 1
51	62	Centrifuge, Bench	A 1
64	74	Water Bath 12-16L	B 1
79	90	Hot Air Oven (250L)	B 1
103	123	Vacuum Pump	C 2
125	153	Automatic Body Embalment System	A 1
126	154	Body Preservation Locker For 10 Bodys	A 2
127	156	Dissecting Instrument Set	A 2
128	157	X-ray Film Cabinet	A 1
130	159	X-ray Viewer (Illuminator) - Standard	A 1
131	160	Portable X-ray Unit	A 1
132	161	X-ray Accessories	A 1
133	162	Cassette with intensifying screen	A 6
134	162	X-ray Protection Screen with Lead Glass	A 1
135	164	Developing Tank	A 1
136	168	Automated Slide Stainer	C 1
137	169	Tissue-Tek Embedding Centre	C 1
139	171	Paraffin Trowel	C 1
140	172	Shaker for Tissue Fixation	C 1
141	173	Paraffin Oven	C 1
142	174	Slide Warmer	C 1
143	175	Microscopic Slide and Tissue Block Cabinet	C 1
144	176	Microtome Knives Set	A 2
145	181	Automatic Microtome Knife Sharpener	A 1
146	183	Stop Watch/ Clock	A 1
147	184	Interval Timers	A 1
148	185	Slide Book	C 1
149	186	Electronic Dry Housing for Microscopes	C 60
237	353	Educational TV and VCR Set	A 1
243	366	Laser Pointer	A 2
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Anatomy			
New No.	No	Description	Q'ty
250	381	Electronic Type Writer with Memory (English)	B 1
251	382	Slide Viewer	A 1
259	399	Magiboards	A 1
262	402	Dehumidifier	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
273		Glassware Set	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Physiology			
New No.	No	Description	Q'ty
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 1
7	7	Binocular Microscopes	B 7
11	18	Single Beam, Visible Light Spectrophotometer	B 1
16	24	Automated Coulter Full Blood Analyzer (Coulter Counter)	C 1
18	26	Electronic Precision balance (Readability 0.01g)	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
25	34	Refrigerator (150L)	A 1
37	46	Incubator (150L)	A 1
51	62	Centrifuge, Bench	A 1
61	71	pH Meters	A 1
63	73	Shaking Water Bath	C 1
64	74	Water Bath 12-16L	A 1
107	132	ECG Machine, 3CH	A 1
114	140	Hand Grip Dynamometer/Ergograph for Isometric Exercise Testing	A 1
115	141	Computerized Plethysmograph	A 1
116	142	Tilting Table, Manual	A 1
117	144	Electroencephalogram	A 1
118	145	Electroneurogram with Visual Evoked Potentials and EMG	A 1
119	147	Perimeter, Goldman	A 1
120	148	Audiometer, Screening	A 1
121	149	Automated Spirometer	A 1
122	150	Treadmill for Exercise Testing	B 1
123	151	Stethograph with Biorite	B 1
124	152	Physiograph	C 1
147	184	Interval Timers	A 10
150	194	Digital Haemoglobinometer	C 1
152	196	Haematocrit Centrifuge	A 1
153	197	Silicon Resuscitation Bags	B 2
154	198	Length Scale	A 2
155	200	Instrument Tray Table with Castors	A 1
156	201	Examination Table	A 3
159	204	Electronic Weighing Scale	A 1
237	353	Educational TV and VCR Set	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
270	442	Audio Cassette Player with Speakers	A 1
273		Glassware Set	A 1

ANNEX-II
EQUIPMENT LIST

Department of Biochemistry			
New No.	No	Description	Q'ty
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 1
5	5	Inverted Tissue Culture Microscope	B 1
7	7	Binocular Microscopes	A 1
14	22	Autoanalyzer for Blood Metabolites	B 1
22	31	Chest Freezer (-70C)	A 1
25	34	Refrigerator (150L)	A 1
33	42	Freeze Dryer	A 1
35	44	Vacuum Concentrator	B 1
41	51	CO2 Incubator (150L;5-50C)	A 1
50	61	Microfuge	A 1
51	62	Centrifuge, Bench	A 1
52	62	Microtitre Plate Reader	C 1
67	77	Electrophoresis Apparatus, Horizontal Gel Tank	C 1
68	78	Mini Gel Apparatus	B 1
69	79	Electrophoresis for Protein, Vertical Gel Apparatus	A 1
71	81	Transfer Apparatus for Gels	A 1
84	98	Muffle Furnace (500-1000C)	A 1
101	120	Parasite Sonicator	B 1
237	353	Educational TV and VCR Set	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
273		Glassware Set	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Pathology			
New No.	No	Description	Q'ty
1	1	Teaching Microscope with 5 teaching attachment	B 1
2	2	CCTV System with 8 monitor, video camera, deck	A 1
3	3	Research Microscope, trinocular with CCTV attachment	A 1
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 3
5	5	Inverted Tissue Culture Microscope	A 1
7	7	Binocular Microscopes	B 60
9	15	Stereoscopic Zoom Microscope	A 1
11	18	Single Beam, Visible Light Spectrophotometer	B 1
14	22	Autoanalyzer for Blood Metabolites	C 1
16	24	Automated Coulter Full Blood Analyzer (Coulter Counter)	C 1
17	25	Apparatus for Deionising Water	B 1
18	26	Electronic Precision balance (Readability 0.01g)	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
20	29	Cryostat with Knife	C 1
21	30	Ultralow Freezer (-80C)	C 1
22	31	Chest Freezer (-70C)	A 1
25	34	Refrigerator (150L)	A 1
37	46	Incubator (150L)	A 1
42	53	Safety Cabinet, Class II	C 1
44	55	Fume Hood	A 1
48	59	Centrifuge, Refrigerated	C 1
49	60	Refrigerated Microfuge with Rotors	C 1
50	61	Microfuge	A 1
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 4
57	67	Multi-channel Pipettes (8 channel) with Stand Set	A 2
60	70	Vortex Mixers	A 1
61	71	pH Meters	A 1
63	73	Shaking Water Bath	C 1
64	74	Water Bath 12-16L	A 1
67	77	Electrophoresis Apparatus, Horizontal Gel Tank	C 1
69	79	Electrophoresis for Protein, Vertical Gel Apparatus	A 1
71	81	Transfer Apparatus for Gels	A 1
79	90	Hot Air Oven (250L)	A 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
82	95	Microwave Oven	A 1
86	101	Boiling Sterilizer (100C)	A 1
88	103	Front Loading Autoclave (50L)	A 1
91	108	Orbital Shakers (With Auto Reverse)	A 2
92	110	Rocking Platform with Base	A 1
98	116	Ultrasonic Pipette Washer	A 1
100	118	Washing Machine for Pipettes and Tubes with Brushes	A 1
102	122	Magnetic Stirrer with Hot Plate	A 2

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ANNEX-II
EQUIPMENT LIST

Department of Pathology			
New No.	No	Description	Q'ty
110	135	Mixer for Small Container	A 2
127	156	Dissecting Instrument Set	A 2
129	158	X-ray Viewer (Large)	C 1
130	159	X-ray Viewer (Illuminator) - Standard	C 1
136	168	Automated Slide Stainer	A 1
137	169	Tissue-Tek Embedding Centre	A 1
138	170	Tissue Processing Machine	A 1
139	171	Paraffin Trowel	A 1
140	172	Shaker for Tissue Fixation	C 1
141	173	Paraffin Oven	A 1
142	174	Slide Warmer	A 1
143	175	Microscopic Slide and Tissue Block Cabinet	C 1
144	176	Microtome Knives Set	A 2
145	181	Automatic Microtome Knife Sharpener	A 1
146	183	Stop Watch/ Clock	A 4
147	184	Interval Timers	A 4
148	185	Slide Book	C 4
149	186	Electronic Dry Housing for Microscopes	C 5
150	194	Digital Haemoglobinometer	B 1
152	196	Haematocrit Centrifuge	C 1
221	272	Angle Poised Lamp	C 2
232	329	Magnifying Glass with Handle (Hand Type)	A 4
237	353	Educational TV and VCR Set	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
243	366	Laser Pointer	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
251	382	Slide Viewer	A 1
255	393	Paper Guillotine	A 1
256	394	Paper Shredder	C 1
257	395	Epidiascope	B 1
258	398	Dictaphone and Recorders	B 1
259	399	Magiboards	A 3
262	402	Dehumidifier	A 1
263	403	Polaroid camera	B 1
264	432	Bone Marrow Trephine Biopsy Needles	A 3
265	433	Bone Marrow Aspiration Needles	A 3
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
273		Glassware Set	A 1
290		Liver & Kidney biopsy set	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Microbiology			
New No.	No	Description	Q'ty
	2	2 CCTV System with 8 monitor, video camera, deck	A 1
	3	3 Research Microscope, trinocular with CCTV attachment	A 1
	4	4 Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 2
	5	5 Inverted Tissue Culture Microscope	A 4
	6	6 Inverted Tissue Coulture Research Microscope with Micromamnipulato	B 1
	7	7 Binocular Microscopes	B 15
	8	12 Biological Microscope	C 2
11	18	Single Beam, Visible Light Spectrophotometer	B 1
17	25	Apparatus for Deionising Water	B 1
18	26	Electronic Precision balance (Readability 0.01g)	A 2
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
21	30	Ultralow Freezer (-80C)	A 1
22	31	Chest Freezer (-70C)	A 1
23	32	Freezers (-30C)	A 1
24	33	Refrigerator (Double Door)	A 1
25	34	Refrigerator (150L)	A 1
26	35	Spark Free Refrigerator (100L)	B 1
27	36	Bench Top Cooler upto 2.5C	B 2
28	37	Bench Cooler upto -30C	B 2
30	39	Dewars for Specimen Storage in Liquid N2	B 3
31	40	Liquid N2 Storage Vessels (on Stand with Castors)	B 2
32	41	Liquid N2 Flasks	B 2
34	43	Manifolds for Flasks	C 1
35	44	Vacuum Concentrator	B 1
36	45	Incubator (200L, Double Door)	A 2
37	46	Incubator (150L)	C 7
38	47	Floor Standing Incubators (250L)	A 2
39	49	Cold Incubators (Temp -30C to 30C), 150L	A 1
40	50	CO2 Incubator with, HEPA Filtration System	B 2
41	51	CO2 Incubator (150L;5-50C)	A 1
42	53	Safety Cabinet, Class II	A 8
44	55	Fume Hood	A 1
46	57	Micro-Ultracentrifuge, 120000 rpm	C 1
48	59	Centrifuge, Refrigerated	B 2
49	60	Refrigerated Microfuge with Rotors	B 2
50	61	Microfuge	A 1
51	62	Centrifuge, Bench	A 3
52	62	Microtitre Plate Reader	A 1
53	63	Automatic Microtitre Plate Washer	A 1
54	64	Microtitre Plate Shaker	A 1
55	65	Microtitre Plate Incubator	A 1
56	66	Automatic Pipettes Set	A 6
57	67	Multi-channel Pipettes (8 channel) with Stand Set	A 4

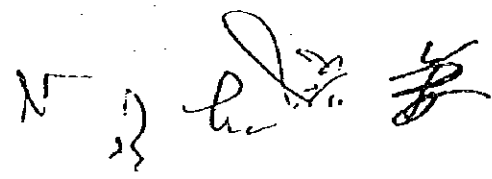
ANNEX-II
EQUIPMENT LIST

Department of Microbiology			
New No.	No	Description	Q'ty
58	68	Automatic Volume Dispensers Set	A 2
60	70	Vortex Mixers	A 5
61	71	pH Meters	A 2
62	72	Hand held pH Meters	B 4
63	73	Shaking Water Bath	A 2
64	74	Water Bath 12-16L	A 5
65	75	Thermal Cycler	A 1
66	76	UV Transilluminator with Photographic Attachment	B 1
67	77	Electrophoresis Apparatus, Horizontal Gel Tank	B 2
68	78	Mini Gel Apparatus	A 1
69	79	Electrophoresis for Protein, Verticle Gel Apparatus	A 1
70	80	Sequencing apparatus with Power Pack (3000V)	C 1
71	81	Transfer Apparatus for Gels	A 1
72	82	Vacuum blotting Apparatus	A 1
73	83	X-ray Film Processor	C 1
74	84	Dot-Blot Apparatus	C 1
75	85	Southern Blot Apparatus	A 1
76	86	Blotting Apparatus (large)	A 1
77	87	Hybridization Oven with Shaking Platform and Rotteserie	C 1
78	88	Vacuum Oven with Vacuum Pump (30L)	C 1
79	90	Hot Air Oven (250L)	A 3
80	91	Drying Oven (50L)(Ambient-150C)	C 1
81	92	Drying Cabinet for Glassware and Instruments	A 1
82	95	Microwave Oven	A 2
83	96	Dry Block	A 2
86	101	Boiling Sterilizer (100C)	A 1
87	102	Top Loading Autoclave	A 1
88	103	Front Loading Autoclave (50L)	A 2
89	106	Hand Held Short Wave (254nm) UV Light	A 1
91	108	Orbital Shakers (With Auto Veverse)	A 3
92	110	Rocking Platform with Base	A 2
93	111	Autoradiography Exposure Cassettes	C 4
95	113	Gel Drying Apparatus	A 1
96	114	Milli Q/RS Reagent Grade Water System	B 1
97	115	Auto(Water) Still	A 1
98	116	Ultrasonic Pipette Washer	A 1
99	117	Ultrasonic Cleaner	C 1
100	118	Washing Machine for Pipettes and Tubes with Brushes	A 1
102	122	Magnetic Stirrer with Hot Plate	A 4
104	124	Millipore Filter Assembly	B 2
127	156	Dissecting Instrument Set	A 2
130	159	X-ray Viewer (Illuminator) - Standard	A 1
132	161	X-ray Accessories	A 4
133	162	Cassette with intensifying screen	A 3
135	164	Developing Tank	A 1

ANNEX-II
EQUIPMENT LIST

Department of Microbiology			
New No.	No	Description	Q'ty
142	174	Slide Warmer	A 4
146	183	Stop Watch/ Clock	A 2
147	184	Interval Timers	A 4
148	185	Slide Book	C 1
149	186	Electronic Dry Housing for Microscopes	C 5
221	272	Angle Poised Lamp	C 2
232	329	Magnifying Glass with Handle (Hand Type)	A 2
237	353	Educational TV and VCR Set	A 1
238	355	Slide Projector	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
243	366	Laser Pointer	A 2
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
251	382	Slide Viewer	A 1
255	393	Paper Guillotine	B 1
257	395	Epidiascope	B 1
259	399	Magiboards	A 3
262	402	Dehumidifier	A 2
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
268	436	Automated, Electronic Colony Counter	A 1
269	437	Rotary Inoculator	A 1
271		Fully Automatic, Computer Blood Culture	B 1
273		Glassware Set	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Parasitology			
New No.	No	Description	Q'ty
2	2	CCTV System with 8 monitor, video camera, deck	A 1
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 2
5	5	Inverted Tissue Culture Microscope	A 1
7	7	Binocular Microscopes	B 10
8	12	Biological Microscope	C 4
9	15	Stereoscopic Zoom Microscope	A 2
16	24	Automated Coulter Full Blood Analyzer (Coulter Counter)	C 1
17	25	Apparatus for Deionising Water	B 1
18	26	Electronic Precision balance (Readability 0.01g)	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
22	31	Chest Freezer (-70C)	A 1
23	32	Freezers (-30C)	A 2
24	33	Refrigerator (Double Door)	A 2
25	34	Refrigerator (150L)	A 1
30	39	Dewars for Specimen Storage in Liquid N2	B 2
31	40	Liquid N2 Storage Vessels (on Stand with Castors)	B 2
32	41	Liquid N2 Flasks	B 3
37	46	Incubator (150L)	A 1
38	47	Floor Standing Incubators (250L)	B 1
41	51	CO2 Incubator (150L;5-50C)	A 1
42	53	Safety Cabinet, Class II	C 1
44	55	Fume Hood	A 1
48	59	Centrifuge, Refrigerated	C 1
49	60	Refrigerated Microfuge with Rotors	C 1
50	61	Microfuge	A 1
51	62	Centrifuge, Bench	A 1
52	62	Microtitre Plate Reader	A 1
53	63	Automatic Microtitre Plate Washer	A 1
54	64	Microtitre Plate Shaker	A 1
56	66	Automatic Pipettes Set	A 3
57	67	Multi-channel Pipettes (8 channel) with Stand Set	A 2
60	70	Vortex Mixers	A 1
61	71	pH Meters	A 1
62	72	Hand held pH Meters	A 1
63	73	Shaking Water Bath	C 1
64	74	Water Bath 12-16L	A 1
69	79	Electrophoresis for Protein, Verticle Gel Apparatus	B 1
71	81	Transfer Apparatus for Gels	A 1
76	86	Blotting Apparatus (large)	B 1
79	90	Hot Air Oven (250L)	A 1
80	91	Drying Oven (50L)(Ambient-150C)	C 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
82	95	Microwave Oven	A 1

ANNEX-II
EQUIPMENT LIST

Department of Parasitology			
New No.	No	Description	Q'ty
86	101	Boiling Sterilizer (100C)	A 1
87	102	Top Loading Autoclave	A 1
88	103	Front Loading Autoclave (50L)	A 1
90	107	UV-Rays Lamp	B 1
95	113	Gel Drying Apparatus	A 1
97	115	Auto(Water) Still	A 1
98	116	Ultrasonic Pipette Washer	A 1
100	118	Washing Machine for Pipettes and Tubes with Brushes	A 1
101	120	Parasite Sonicator	B 1
102	122	Magnetic Stirrer with Hot Plate	A 2
104	124	Millipore Filter Assembly	B 1
146	183	Stop Watch/ Clock	A 2
147	184	Interval Timers	A 2
149	186	Electronic Dry Housing for Microscopes	C 5
232	329	Magnifying Glass with Handle (Hand Type)	A 4
237	353	Educational TV and VCR Set	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
243	366	Laser Pointer	A 2
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
251	382	Slide Viewer	A 1
257	395	Epidiascope	B 1
259	399	Magiboards	A 3
262	402	Dehumidifier	A 2
263	403	Polaroid camera	B 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
273		Glassware Set	A 1

Student Laboratory for Parasitology and Microbiology			
New No.	No	Description	Q'ty
2	2	CCTV System with 8 monitor, video camera, deck	A 1
3	3	Research Microscope, trinocular with CCTV attachment	A 1
7	7	Binocular Microscopes	A 60
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2
273		Glassware Set	A 1

ANNEX-II
EQUIPMENT LIST

Department of Pharmacology			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 1
17	25	Apparatus for Deionising Water	A 1
18	26	Electronic Precision balance (Readability 0.01g)	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
21	30	Ultralow Freezer (-80C)	B 1
30	39	Dewars for Specimen Storage in Liquid N2	B 1
31	40	Liquid N2 Storage Vessels (on Stand with Castors)	B 1
32	41	Liquid N2 Flasks	B 1
35	44	Vacuum Concentrator	C 1
37	46	Incubator (150L)	A 1
43	54	Tissue Culture Glove Box	C 1
47	58	Centrifuge, Cold, High Speed	C 1
56	66	Automatic Pipettes Set	A 1
57	67	Multi-channel Pipettes (8 channel) with Stand Set	A 1
60	70	Vortex Mixers	A 1
61	71	pH Meters	A 3
62	72	Hand held pH Meters	A 1
64	74	Water Bath 12-16L	A 2
78	88	Vacuum Oven with Vacuum Pump (30L)	C 1
79	90	Hot Air Oven (250L)	A 1
80	91	Drying Oven (50L)(Ambient-150C)	A 1
81	92	Drying Cabinet for Glassware and Instruments	A 1
83	96	Dry Block	C 1
86	101	Boiling Sterilizer (100C)	A 1
87	102	Top Loading Autoclave	A 1
90	107	UV-Rays Lamp	B 1
91	108	Orbital Shakers (With Auto Reverse)	A 1
97	115	Auto(Water) Still	A 1
98	116	Ultrasonic Pipette Washer	A 1
99	117	Ultrasonic Cleaner	C 1
102	122	Magnetic Stirrer with Hot Plate	A 3
103	123	Vacuum Pump	A 4
104	124	Millipore Filter Assembly	C 1
107	132	ECG Machine, 3CH	C 1
108	133	Cardiac Bedside Monitor	C 1
109	134	Treatment Carriage	C 3
110	135	Mixer for Small Container	A 10
113	138	Solvent System	C 1
174	219	Melting Point Apparatus	A 1
175	220	Disintegration Testing System	A 1
176	221	Tablet Friability and Friction Tester	A 1
177	222	Hardness Tester of Tablets	A 1
178	223	Sieve Shaker	A 1
179	224	Sieve	A 1

ANNEX-II
EQUIPMENT LIST

Department of Pharmacology			
New No.	No	Description	Q'ty
180	225	Moisture Content Measuring Equipment	A 1
181	226	Small Grinding Mill	A 1
182	227	Electric Ball Mill	A 1
183	228	Mill for Analysis	A 1
184	229	Oil Bath	A 1
185	230	Trough	A 1
186	231	Shaker for Separating Funnel	A 1
187	232	Shaker	A 1
188	233	Mantel Heater	A 1
189	234	Aspirator	A 1
190	235	Volt Slider	A 1
191	236	Draft Chamber	B 1
192	239	Electric Furnace	A 1
193	240	Polarimeter	A 1
194	241	Refractometer	A 1
195	242	Air Compressors	C 2
196	244	Colony Counter	A 1
197	245	Thermal Hygrograph, With Recorder	A 1
198	248	Planetary Mixer - Pilot Scale Capacity 5kg	A 1
199	249	Oscillating Granulator - Pilot Scale Capacity 5kg	A 1
200	250	Drum Mixture - Pilot Scale Capacity 10L	A 1
201	251	Tray Drying Oven - Pilot Scale Capacity 5kg	A 1
202	252	Tableting Machine	A 1
203	253	Punches for Tableting Machine 10mm Flat/Beveled/Brakeline	A 1
204	254	Punches for Tableting Machine 6mm Double Concave	A 1
205	255	Coating Pan - Sugar - Pilot Scale Capacity 5kg	A 1
206	256	Capsule filling Machine - Manual 100 Caps per Fill	A 1
207	257	Volt Slider	C 1
208	258	Viscometer	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
259	399	Magiboards	A 1
262	402	Dehumidifier	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
273		Glassware Set	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Forensic Medicine			
New No.	No	Description	Q'ty
1	1	Teaching Microscope with 5 teaching attachment	B 1
2	2	CCTV System with 8 monitor, video camera, deck	A 1
7	7	Binocular Microscopes	A 4
9	15	Stereoscopic Zoom Microscope	A 1
20	29	Cryostat with Knife	B 1
23	32	Freezers (-30C)	A 1
25	34	Refrigerator (150L)	A 2
37	46	Incubator (150L)	B 1
42	53	Safety Cabinet, Class II	C 1
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
58	68	Automatic Volume Dispensers Set	A 1
60	70	Vortex Mixers	A 1
61	71	pH Meters	A 1
62	72	Hand held pH Meters	A 1
64	74	Water Bath 12-16L	A 1
79	90	Hot Air Oven (250L)	A 1
80	91	Drying Oven (50L)(Ambient-150C)	A 1
81	92	Drying Cabinet for Glassware and Instruments	A 1
85	100	Hot Plate	A 1
86	101	Boiling Sterilizer (100C)	A 1
87	102	Top Loading Autoclave	A 1
97	115	Auto(Water) Still	A 1
102	122	Magnetic Stirrer with Hot Plate	A 1
103	123	Vacuum Pump	B 1
127	156	Dissecting Instrument Set	A 4
129	158	X-ray Viewer (Large)	A 1
138	170	Tissue Processing Machine	A 1
139	171	Paraffin Trowel	A 1
140	172	Shaker for Tissue Fixation	A 1
141	173	Paraffin Oven	A 1
143	175	Microscopic Slide and Tissue Block Cabinet	C 1
144	176	Microtome Knives Set	A 2
145	181	Automatic Microtome Knife Sharpener	A 1
146	183	Stop Watch/ Clock	A 4
147	184	Interval Timers	A 2
221	272	Angle Poised Lamp	C 2
232	329	Magnifying Glass with Handle (Hand Type)	A 4
237	353	Educational TV and VCR Set	A 1
238	355	Slide Projector	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1

ANNEX-II
EQUIPMENT LIST

Department of Forensic Medicine			
New No.	No	Description	Q'ty
250	381	Electronic Type Writer with Memory (English)	B 1
251	382	Slide Viewer	A 1
255	393	Paper Guillotine	B 1
257	395	Epidiascope	A 1
259	399	Magiboards	A 1
262	402	Dehumidifier	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 4
273		Glassware Set	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Family Medicine and Community Medicine			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 2
11	18	Single Beam, Visible Light Spectrophotometer	A 1
16	24	Automated Coulter Full Blood Analyzer (Coulter Counter)	C 1
24	33	Refrigerator (Double Door)	A 2
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
64	74	Water Bath 12-16L	A 1
79	90	Hot Air Oven (250L)	A 1
86	101	Boiling Sterilizer (100C)	A 1
87	102	Top Loading Autoclave	A 2
152	196	Haematocrit Centrifuge	A 1
155	200	Instrument Tray Table with Castors	A 4
156	201	Examination Table	A 4
217	268	Examination Bed For Gynecology	A 1
218	269	Surgical Bed for Minor Surgery, Manual	A 1
219	270	Small Operating Theatre Lamp Mobile	A 1
220	271	Hand Lamp	A 4
221	272	Angle Poised Lamp	A 2
222	273	Diagnostic Set For Community and Family Medicine	A 3
223	284	Foetal Heart Detector (Doppler)	A 1
224	285	Proctoscope with Light Source	A 1
225	294	Small, Portable, electrically Operated Sucker	A 1
226	297	Nebuliser	A 1
227	298	Portable Defibrillator	B 1
228	300	Electric Cautery For Skin	A 1
229	301	Infra Red Lamp	A 1
236	352	Observation TV and Camera Set With VCR	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 4
272		Blood Cell Counting Chamber (WBC,RBC)	A 5
273		Glassware Set	A 1
291	396	Mini-bus, 20 to 30 sheets capacity	A 1
292	397	Transport vehicle	A 1

ANNEX-II
EQUIPMENT LIST

Department of Medicine			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 1
18	26	Electronic Precision balance (Readability 0.01g)	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	B 1
25	34	Refrigerator (150L)	A 1
37	46	Incubator (150L)	B 1
41	51	CO2 Incubator (150L;5-50C)	B 1
42	53	Safety Cabinet, Class II	C 1
48	59	Centrifuge, Refrigerated	C 1
50	61	Microfuge	C 1
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
59	69	Dilutors	C 1
61	71	pH Meters	A 1
64	74	Water Bath 12-16L	A 1
79	90	Hot Air Oven (250L)	A 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
85	100	Hot Plate	A 1
91	108	Orbital Shakers (With Auto Veverse)	A 1
106	131	Portable Echocardiograph	A 1
117	144	Electroencephalogram	B 1
118	145	Electroneurogram with Visual Evoked Potentials and EMG	B 1
122	150	Treadmill for Exercise Testing	C 1
146	183	Stop Watch/ Clock	A 1
210	261	Defibrilator with monitor	A 1
211	262	Portable Vitalograph Machine	A 1
212	263	Pulse Oximeter	A 1
213	264	Infusion Pump	A 3
214	265	Oesophageal pH Monitor	C 1
215	266	ECG and BP Monitor	A 1
216	267	Weighing Machines	A 1
237	353	Educational TV and VCR Set	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
258	398	Dictaphone and Recorders	B 1
259	399	Magiboards	A 1
262	402	Dehumidifier	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2
273		Glassware Set	A 1
295		Diagnostic set for Medicine	A 1

ANNEX-II
EQUIPMENT LIST

Department of Surgery			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
25	34	Refrigerator (150L)	A 1
37	46	Incubator (150L)	B 1
41	51	CO2 Incubator (150L;5-50C)	B 1
42	53	Safety Cabinet, Class II	C 1
48	59	Centrifuge, Refrigerated	C 1
50	61	Microfuge	C 1
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
59	69	Dilutors	C 1
61	71	pH Meters	A 1
64	74	Water Bath 12-16L	A 1
79	90	Hot Air Oven (250L)	A 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
85	100	Hot Plate	A 1
91	108	Orbital Shakers (With Auto Reverse)	A 1
146	183	Stop Watch/ Clock	A 1
237	353	Educational TV and VCR Set	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
258	398	Dictaphone and Recorders	B 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2
273		Glassware Set	A 1
294		Diagnostic set for Surgery	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Pediatrics			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 1
11	18	Single Beam, Visible Light Spectrophotometer	B 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
25	34	Refrigerator (150L)	A 1
37	46	Incubator (150L)	A 1
48	59	Centrifuge, Refrigerated	C 1
50	61	Microfuge	C 1
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
59	69	Dilutors	C 1
61	71	pH Meters	A 1
64	74	Water Bath 12-16L	A 1
79	90	Hot Air Oven (250L)	A 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
85	100	Hot Plate	A 1
91	108	Orbital Shakers (With Auto Reverse)	A 1
146	183	Stop Watch/ Clock	A 1
152	196	Haematocrit Centrifuge	A 1
157	202	Measuring Rod For Height	A 2
158	203	Infant Length Scale	A 2
159	204	Electronic Weighing Scale	A 2
160	205	Infant Weighing Scale	A 2
161	206	Paediatric Diagnostic Sets (Auroscope & Ophthalmoscope)	A 3
162	207	Skinfold Thickness Calipers	A 2
163	208	Bilirubin Analyzer	A 1
237	353	Educational TV and VCR Set	A 1
238	355	Slide Projector	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
251	382	Slide Viewer	A 1
257	395	Epidiascope	B 1
258	398	Dictaphone and Recorders	B 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2
273		Glassware Set	A 1
276	A-01	Ultrasonic Nebulizers	A 2
277	A-02	Phototherapy Unit	A 3
278	A-03	Automatic Infusion Pumps	A 3
279	A-04	Syringe Infusion Pumps	A 3
280	A-05	Infant Resuscitator and Accessories	A 1
281	A-06	Infant Incubator including Infant Transport Incubators	A 2

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ANNEX-II
EQUIPMENT LIST

Department of Pediatrics			
New No.	No	Description	Q'ty
	282	A-07 Oxygen Tents	A 2
	283	A-08 Suction Apparatus	A 2
	284	A-09 Cardiac Monitor	A 2
	285	A-10 Apnea Monitor	A 2
	286	A-11 Infant Examination Table	A 2
	287	A-12 Infant Pressure Cycled Ventilator	A 2
	288	A-13 Oxygen Analyzer	A 2
	289	A-14 Pulse Oximeter	A 2
	290	Liver & Kidney biopsy set	A 1
	296	Diagnostic set for Paediatrics	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Obstetrics and Gynecology			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 1
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1
25	34	Refrigerator (150L)	A 1
37	46	Incubator (150L)	B 1
41	51	CO2 Incubator (150L;5-50C)	C 1
42	53	Safety Cabinet, Class II	C 1
48	59	Centrifuge, Refrigerated	C 1
49	60	Refrigerated Microfuge with Rotors	C 1
50	61	Microfuge	C 1
51	62	Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
59	69	Dilutors	C 1
61	71	pH Meters	A 1
64	74	Water Bath 12-16L	A 1
79	90	Hot Air Oven (250L)	A 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
85	100	Hot Plate	A 1
91	108	Orbital Shakers (With Auto Reverse)	A 1
146	183	Stop Watch/ Clock	A 1
164	209	Hysteroscope with Resection Equipment	A 1
165	210	Colposcope	A 1
166	211	Cryo-cautary	A 1
168	213	Bipolar Diathermy	A 1
169	214	Doppler Fetal Heart Monitor (Portable)	A 3
170	215	Cardio-toco-graph	A 1
237	353	Educational TV and VCR Set	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
258	398	Dictaphone and Recorders	B 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2
273		Glassware Set	A 1
297		Diagnostic set for Obstetrics & Gynecology	A 1

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ANNEX-II
EQUIPMENT LIST

Department of Psychiatry			
New No.	No	Description	Q'ty
25	34	Refrigerator (150L)	A 1
209	260	Ophthalmoscope	A 1
230	306	Camera Set	A 1
236	352	Observation TV and Camera Set With VER	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
258	398	Dictaphone and Recorders	B 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2
293		Diagnostic set for Psychiatry	A 1

Department of Medical Education and Health Sciences			
New No.	No	Description	Q'ty
275		Anatomical Models and Simulators Set	A 1

ANNEX-II
EQUIPMENT LIST

Medical Illustration Unit			
New No.	No	Description	Q'ty
24	33	Refrigerator (Double Door)	A 1
129	158	X-ray Viewer (Large)	A 1
130	159	X-ray Viewer (Illuminator) - Standard	A 1
230	306	Camera Set	A 3
231	307	Illustration Making Set	A 1
232	329	Magnifying Glass with Handle (Hand Type)	A 1
233	339	Teaching Video Making Set	A 1
234	342	Computer Facility for Slide Making	A 1
238	355	Slide Projector	A 1
240	357	Projector Screens	A 1
244	367	Desk Top Computer Set	A 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1
252	387	Electronic Stencil Scanning Machine	B 1
253	391	Binding Machine(ring binding)	A 1
254	392	Laminating machine	A 1
255	393	Paper Guillotine	A 1
256	394	Paper Shredder	C 1
259	399	Magiboards	A 1
261	401	Split-Type Airconditioners	B 2
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 1

Library		
No	Description	Q'ty
367	Desk Top Computer Set	A 5
374	Laser Printer	A 1
381	Electronic Type Writer with Memory (English)	B 1
387	Electronic Stencil Scanning Machine	B 1
393	Paper Guillotine	B 2
394	Paper Shredder	C 1
399	Magiboards	A 2
434	Uninterrupted Power Supply (UPS)	A 2
435	Stabilizers	A 2

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ANNEX-II
EQUIPMENT LIST

Auditorium			
New No.	No	Description	Q'ty
235	344	Audio Visual Set For Auditorium	A 1
238	355	Slide Projector	A 2
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
259	399	Magiboards	A 1
266	434	Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 2

Animal House			
New No.	No	Description	Q'ty
274		Equipment For Animal House Set	B 1

Administration			
New No.	No	Description	Q'ty
244	367	Desk Top Computer Set	A 3
245	374	Laser Printer	A 2
250	381	Electronic Type Writer with Memory (English)	B 2
252	387	Electronic Stencil Scanning Machine	B 1
255	393	Paper Guillotine	C 1
256	394	Paper Shredder	C 1
259	399	Magiboards	A 3
266	434	Uninterrupted Power Supply (UPS)	A 3
267	435	Stabilizers	A 2

Policy and Criteria for Selection of Equipment

Policy of Selection

- 1) Selection shall be made to meet with the need of curriculum and facility plan.
- 2) Appropriateness of selection shall be judged in consideration of the frequency of use and effectiveness of equipment.

Criteria of Selection

1) Principle of Priority

- a Fundamental equipment required to train doctors, nurses and other paramedicals
- b Equipment which can be easily repaired and maintained
- c Equipment which needs to be replaced because of deterioration and equipment which is in shortage in quantity

2) Principle of Exclusion

- a Equipment which is not used for educational activities
- b Facilities equipment
- c Consumable and spare parts
- d Equipment entailing considerable operational and maintenance expenses which are expected to be financial burden for Sri Lankan side
- e High-technology equipment which surpass the technical level of Sri Lankan side
- f Equipment that may cause environmental pollution
- g Equipment for which installment is considered to be difficult in view of the related infrastructural limitation



ANNEX IV

JAPAN'S GRANT AID PROGRAM

1. Japan's Grant Aid Procedures

1) The Japan's Grant Aid Program is executed by the following procedures.

- **Application** (Request made by a recipient country)
- **Study** (Preliminary Study / Basic Design Study conducted by JICA)
- **Appraisal & Approval** (Appraisal by the Government of Japan and Approval by the Cabinet of Japan)
- **Determination of Implementation** (Exchange of Notes between the both Governments)
- **Implementation** (Implementation of the Project)

2) Firstly, an application or a request for a project made by the recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to see whether or not it is suitable for Japan's Grant Aid. If the request is deemed suitable, the Government of Japan entrusts a study on the request to JICA (Japan International Cooperation Agency).

Secondly, JICA conducts the Study (Basic Design Study), using a Japanese consulting firm. If the background and objective of the requested project are not clear, a Preliminary Study is conducted prior to a Basic Design Study.

Thirdly, the Government of Japan appraises the Project to see whether or not it is suitable for Japan's Grant Aid Program, based on the Basic Design Study report prepared by JICA and the results are then submitted to the Cabinet for approval.

Fourthly, the Project approved by the Cabinet becomes official when pledged by the Exchange of Notes signed by the both Governments.

Finally, on the implementation of the Project, JICA assists the recipient country in preparing contracts and so on.

2. Contents of the Study

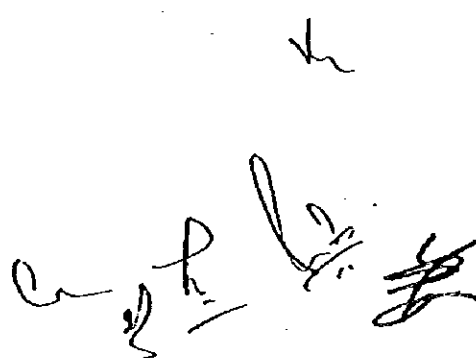
1) Contents of the Study

The purpose of the Study (Preliminary Study/Basic Design Study) conducted on a project requested by JICA is to provide a basic document necessary for appraisal of the project by the Japanese Government. The contents of the Study are as follows:

- a) to confirm background, objectives, benefits of the project and also institutional capacity of agencies concerned of the recipient country necessary for project implementation,
- b) to evaluate appropriateness of the Project for the Grant Aid Scheme from a technical, social and economical point of view,
- c) to confirm items agreed on by the both parties concerning a basic concept of the project,
- d) to prepare a basic design of the project,
- e) to estimate cost involved in the project.

Final project components are subject to approval by the Government of Japan and therefore may differ from an original request.

Implementing the project, the Government of Japan requests the recipient country to take necessary measures involved which are itemized on Exchange of Notes.



2) Selecting (a) Consulting Firm(s)

For smooth implementation of the study, JICA uses (a) consulting firm(s) registered. JICA selects (a) firm(s) through proposals submitted by firms which are interested. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference made by JICA.

The consulting firm(s) used for the study is(are) recommended by JICA to a recipient country after Exchange of Notes, in order to maintain technical consistency and also to avoid possible undue delay in implementation caused if a new selection process is repeated.

3) Status of a Preliminary Study in the Grant Aid Program

A Preliminary Study is conducted during the second step of a project formulation & preparation as mentioned above.

A result of the study will be utilized in Japan to decide if the Project is to be suitable for a Basic Design Study.

Based on the result of the Basic Design Study, the Government would proceed to the stage of decision making process (appraisal and approval).

It is important to notice that at the stage of Preliminary Study, no commitment is made by the Japanese side concerning the realization of the Project in the scheme of Grant Aid Program.

3. Japan's Grant Aid Scheme

1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non reimbursable funds needed to procure facilities, equipment and services for economic and social development of the country under the following principles in accordance with relevant laws and regulations of Japan. The Grant Aid is not in a form of donation or such.

2) Exchange of Notes (E/N)

The Japan's Grant Aid is extended in accordance with the Exchange of Notes by both Governments, in which the objectives of the Project, period of execution, conditions and amount of the Grant etc. are confirmed.

3) "The period of the Grant Aid" means one Japanese fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedure such as Exchange of Notes, concluding a contract with (a) consulting firm(s) and (a) contractor(s) and a final payment to them must be completed.

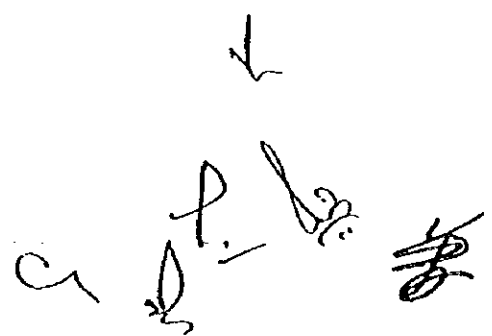
4) Under the Grant, in principle, products and services of origins of Japan or the recipient country are to be purchased.

When the two Governments deem it necessary, the Grant may be used for the purchase of products or services of a third country origin.

However the prime contractors, namely, consulting, contractor and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means Japanese physical persons or Japanese juridical persons controlled by Japanese physical persons.)

5) Necessity of the "Verification"

The Government of the recipient country or its designated authority will conclude into contracts in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. The "Verification" is deemed necessary to secure accountability to Japanese tax payers.



6) Undertakings required to the Government of the recipient country

In the implementation of the Grant Aid, the recipient country is required to undertake necessary measures such as the following:

- a) to secure land necessary for the sites of the project and to clear and level the land prior to commencement of the construction work,
- b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites,
- c) to secure buildings prior to the installation work in case the Project is providing equipment,
- d) to ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid,
- e) to exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,
- f) to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified Contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

7) Proper Use

The recipient country is required to maintain and use facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for their operation and maintenance as well as to bear all expenses other than those to be borne by the Grant Aid.

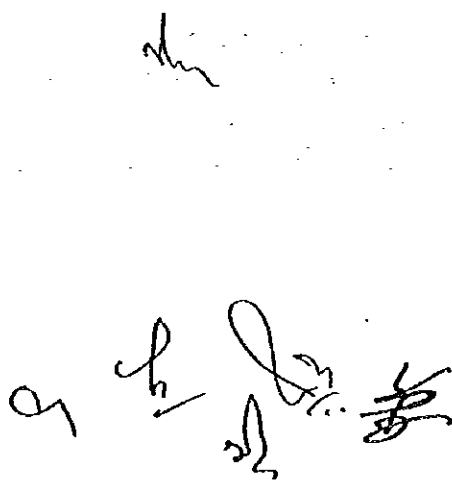
8) "Re-export"

The products purchased under the Grant Aid shall not be re-exported from the recipient country.

9) Banking Arrangement (B/A)

(a) The Government of the recipient country or its designated authority shall open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by Government of the recipient country or its designated authority under the contracts verified.

(b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an Authorization to Pay issued by the Government of the recipient country or its designated authority.



ANNEX V

NECESSARY MEASURES TO BE TAKEN BY THE SRI LANKAN SIDE

The following measures shall be taken by the Government of Sri Lanka on condition that the Grant Aid by the Government of Japan is extended to the Project.

1. To provide the temporary site office, warehouse or stock yard during the implementation period;
2. To bear two kinds of commissions to the Japanese Foreign Exchange Bank for its banking services based upon the Banking Arrangement, namely
 - the advising commission of the 'Authorization to Pay' and
 - the payment commission ;
3. To exempt taxes and to take necessary measures for customs clearance of the materials and equipment brought for the Project at port of disembarkation;
4. To accord Japanese nationals whose services may be required in connection with the supply of products and services under the verified contract such facilities as may be necessary for their entry into Sri Lanka and stay therein for the performance of their work;
5. To provide necessary permissions, licenses, and other authorization for implementing the Project, if necessary ;
6. To assign an appropriate budget and training and administrative staff for proper and effective operation and maintenance of the equipment provided under the Grant ; and
7. To bear all the expenses other than those to be borne by the Japan's Grant Aid within the scope of the Project.

Handwritten signature and initials in black ink, located at the bottom right of the page. The signature appears to be 'C. H. ...' followed by some illegible initials.

ANNEX VI

The Project for the Improvement of Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura Narrative Summary

(Workshop 10 Oct., 1996, Moderator Mr. HANDA,
Co-moderator, Ms. ISHIZAWA)

GOAL (the project purpose is to be aimed for)

To improve and sustain the improved quality of health personnel produced by the University of Sri Jayewardenepura.



PROJECT PURPOSE (the project is intended to accomplish)

Internationally standardized medical/paramedical training is provided to all students of Faculty of Medical Sciences of University of Sri Jayewardenepura.



OUTPUTS (the project aims to achieve)

① Physical facilities for all departments, is provided by University of Sri Jayewardenepura (USJW)

- * 1. Department of Anatomy
2. Department of Physiology
3. Department of Biochemistry
4. Department of Pathology
5. Department of Microbiology
6. Department of Parasitology
7. Department of Pharmacology
8. Department of Forensic Medicine
9. Department of Family Medicine and Community Medicine
10. Department of Medicine
11. Department of Surgery
12. Department of Paediatrics
13. Department of Obstetrics and Gynaecology
14. Department of Psychiatry
15. Department of Medical Education and Health Sciences

② Modern facilities (equipment/instruments) for teaching, teaching-related research and clinical activities are provided by Japanese Government /JICA.
* medical and paramedical undergraduate trainings .

③ Maintenance and administrative functions of the Faculty of Medical Sciences (FMS), USJW are strengthened further in order to meet the requirement of newly introducing equipment / instruments.

④ Academic, non-academic staff are secured enough to carry out the teaching, teaching-related research and clinical activities under the improved condition of physical facilities, facility .

⑤ Improvement of curriculum and teaching methods is further advanced in order to meet the requirement of the Project.

10. Minutes of Discussion (Draft Report)

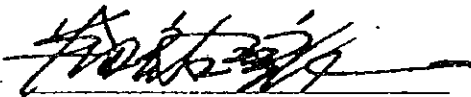
MINUTES OF DISCUSSIONS ON BASIC DESIGN STUDY ON
THE PROJECT FOR IMPROVEMENT OF THE EDUCATIONAL EQUIPMENT FOR
THE FACULTY OF MEDICAL SCIENCES,
THE UNIVERSITY OF SRI JAYWARDENEPURA
IN
THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
(CONSULTATION ON DRAFT REPORT)

In October 1996, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study Team on the Project for Improvement of Educational Equipment for the Faculty of Medical Sciences, the University of Sri Jaywardenepura in the Democratic Socialist Republic of Sri Lanka (hereinafter referred to as "the Project"). The draft report of the study was prepared by JICA, after subsequent to discussions, field survey and technical examination of these results, in Japan.

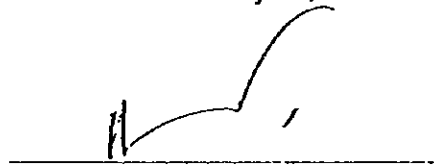
In order to explain and consult the Sri Lanka side on the components of the draft report, JICA sent a study team to Sri Lanka headed by Dr. HANDA Yujiro, Development Specialist, JICA, and was scheduled to stay in the country from January 15 to 24, 1997.

As a result of discussions, both parties have agreed to arrangements described in the attachment.

January 22, 1997 Colombo



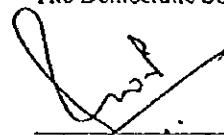
Dr. HANDA Yujiro
Leader
Draft Report Explanation Team
Japan International Cooperation Agency



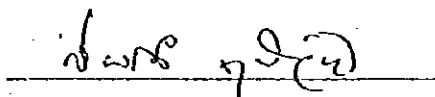
Mr. M.D.F. PIERIS
Secretary
Ministry of Education & Higher Education
The Democratic Socialist Republic of Sri Lanka



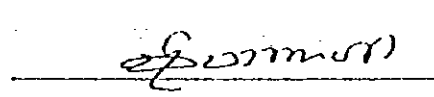
Prof. S. TILAKARATNA
Chairman
University Grants Commission
Ministry of Education & Higher Education
The Democratic Socialist Republic of Sri Lanka



Prof. P. WILSON
Vice Chancellor
The University of Sri Jaywardenepura
The Democratic Socialist Republic of Sri Lanka



Mrs. D.D.J. KUDALIGAMA
Additional Director General
Department of External Resources
Ministry of Finance & Planning
The Democratic Socialist Republic of Sri Lanka



Dr. D. DISSANAYAKE
Secretary
Ministry of Health, Highway & Social Services
The Democratic Socialist Republic of Sri Lanka

ATTACHMENT

1. Contents of the draft report

The Government of Sri Lanka has in principle agreed and accepted the contents of the draft report proposed by the Team.

2. Responsible and Executing Agency

The Ministry of Education and Higher Education is responsible for the administration and execution of the Project.

3. Equipment requested by the Government of Sri Lanka

- 1) Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura.

The equipment, described in ANNEX 1-1 and ANNEX 1-2, are finally requested by the Government of Sri Lanka for procurement under the Japan's Grant Aid.

- 2) Equipment for Undergraduate Clinical Training at Colombo South Teaching Hospital.

- a) After the present study, the equipment described in ANNEX 1-3 was additionally requested by the Government of Sri Lanka.

- b) The Government of Sri Lanka agreed to give priority order to the requested equipment as follows:

A = 1st Priority B = 2nd Priority C = 3rd Priority

The requested equipment shall be re-examined to finalise the Basic Design Study Report.

4. Preparation of the final report.

JICA will prepare the final report in accordance with the confirmed items and submit to the Government of Sri Lanka around April, 1997.

5. Japan's Grant Aid System

- 1) The Government of Sri Lanka has understood the system of Japan's Grant Aid explained by the team (See ANNEX II).
- 2) The Government of Sri Lanka will take necessary measures, described in Annex - III for smooth implementation of the Project on condition that the Japan's Grant Aid is extended to the Project.

6. Other relevant issues

- 1) The maintenance of the equipment procured by this project will be carried out with the services offered by Bio-medical Engineering Service (B.E.S.) of the Ministry of Health, Highway and Social Services under the co-operation between the Ministry of Education and Higher Education and the Ministry of Health, Highway and Social Services.

Some sophisticated equipment, which can not be maintained by B.E.S., shall be contracted to the local agents of the manufacturer for service and maintenance.

- 2) B.E.S. will undertake training of the engineers of the Maintenance Unit of the Faculty of Medical Sciences, the University of Sri Jayewardenepura.
- 3) University Grants Commission will secure budget at least 55 million Rp./annum needed for the operation and maintenance cost for the Faculty of Medical Sciences, University of Sri Jayewardenepura including for the University Professorial Unit at Colombo South Teaching Hospital.
- 4) The Ministry of Health, Highway and Social Services will be responsible for the budget of operation and maintenance cost including spare parts, chemicals, reagents etc. (at least approx. 3.8 million Rp./annum in addition to the present annual budget) of equipment which will be provided to the central services of Colombo South Teaching Hospital, such as Operation Theatre, I.C.U., Radiology, Clinical Pathology and Accident Emergency Department, etc., as parts of upgrading the said hospital.

ANNEX 1-1

Equipment List for the Faculty of Medical Sciences,
the University of Sri Jayewardenepura

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Common Items among the Department						
Orig. No.	Item No.	Description	Common		Phase	
			Rq.	Plan		
10	L-013	Double Beam Spectrophotometer,200-1000nm	A 2	2	2	
12	L-016	Digital Flame Photometer	A 2	2	2	
13		IR Spectrophotometer	C 1			
15		Fully Automatic Random Access Analyzer	C 1			
29	L-029	Ice Flake Maker	A 2	2	2	
33	L-034	Freeze Dryer	A 1	1	2	
45		Ultracentrifuge, 30000-150000 rpm	C 1			
	L-044	Ultracentrifuge, 60000 rpm		1	2	
47		Centrifuge, Cold, High Speed	A 1			
48	L-045	Centrifuge, Refrigerated	A 1	1	1	
49	L-046	Refrigerated Microfuge with Rotors	A 1	1	1	
50	L-047	Microfuge		1	1	
59	L-056	Dilutors	A 2	2	2	
94		Gel Documentation and Analysis System	C 1			
97	L-087	Auto(Water) Still	A 1	1	2	
105		Programmable, Cell Harvester	C 1			
111		HPLC System	C 1			
112		Blood chemical concentration analyzer	C 1			
151	M-013	Blood Gas Analyzer	A 1	1	1	
167	M-027	Laparoscope with Video Unit	A 1	1	1	
171	M-031	Ultrasound Machine with Color Doppler	B 1	2	1	
172	M-032	Video Endoscopy System	A 1	1	1	
173	M-033	Gastrointestinal Fiberscope, Neonatal	A 1	1	1	
237	O-008	Educational TV and VCR Set		5	1	
238	O-009	Slide Projector		6	1	
239	O-010	Overhead Projector		5	1	
240	O-011	Projector Screens		5	1	
241	O-012	Laptop Computer	A 5	5	1	
242	O-013	Color Video Projector	A 1	1	2	
246	O-017	Bubble Jet Color printer	A 2	2	1	
247	O-018	Dot Matrix Printer 24 Pin	A 3	3	1	
	248	O-019	Photocopying Machine	A 5	7	1
		O-020	Photocopying Machine with sorting unit		1	1
	249	O-021	Electronic Duplicating Machine	A 5	5	1
	252		Electronic Stencil Scanning Machine	B 2		
	260	O-030	Fax Machines	B 5	1	1
	266	O-034	Uninterrupted Power Supply (UPS)	A 1	1	1
	267	O-035	Stabilizers	A 5	5	1
		O-039	Portable generator		10	1

ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Anatomy			Anatomy		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
1	L-001	Teaching Microscope with 5 teaching attachment	A 1		1
	L-005	CCTV System with 6 monitor, VCR		1	2
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 3	3	1
5	L-008	Inverted Tissue Culture Microscope	B 1	1	1
8	L-011	Biological Microscope	A 60	40	1
9	L-012	Stereoscopic Zoom Microscope	A 1	1	1
20	L-020	Cryostat with Knife	C 1		1
25	L-025	Refrigerator (150L)	A 2	2	2
37	L-037	Incubator (150L)	B 1	1	2
43	L-042	Tissue Culture Glove Box	B 1	1	1
44	L-043	Fume Hood(Draft chamber)	B 1		2
51	L-048	Centrifuge, Bench	A 1	1	1
64	L-061	Water Bath 12-16L	B 1	1	2
79	L-072	Hot Air Oven (250L)	B 1	1	2
103	L-092	Vacuum Pump	C 2		1
125	L-095	Automatic Body Embalment System	A 1	1	1
126	L-096	Body Preservation Locker For 10 Bodys	A 2	2	1
127	L-097	Dissecting Instrument Set	A 2	2	1
128	L-098	X-ray Film Cabinet	A 1	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	A 1	1	2
131	L-101	Portable X-ray Unit	A 1	1	2
132	L-102	X-ray Accessories	A 1	1	2
133	L-103	Cassette with intensifying screen	A 6	6	2
134		X-ray Protection Screen with Lead Glass	A 1		
	L-104	X-ray Protection apron set		3	2
135	L-105	Developing Tank	A 1	1	2
136	L-106	Automated Slide Stainer	C 1		1
137	L-107	Tissue-Tek Embedding Centre	C 1		1
139	L-109	Paraffin Trowel	C 1		1
140	L-110	Shaker for Tissue Fixation	C 1		1
141	L-111	Paraffin Oven	C 1		1
142	L-112	Slide Warmer	C 1		2
143		Microscopic Slide and Tissue Block Cabinet	C 1		
144	L-113	Microtome with Knives Set	A 2	2	1
145	L-114	Automatic Microtome Knife Sharpener	A 1	1	1
146	L-115	Stop Watch/ Clock	A 1	2	1
147	L-116	Interval Timers	A 1	1	1
148		Slide Book	C 1		
149		Electronic Dry Housing for Microscopes	C 60		
230	O-001	Camera Set		1	1
237	O-008	Educational TV and VCR Set	A 1		1
243	O-014	Laser Pointer	A 2	2	1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
251	O-023	Slide Viewer	A 1	1	1
259	O-029	Magiboards	A 1	1	1
262	O-032	Dehumidifier	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 8	4	1
273	L-146	Glassware Set	A 1	1	1

ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Physiology			Physiology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 1	1	1
7	L-010	Binocular Microscopes	B 7	7	1
11	L-014	Single Beam, Visible Light Spectrophotometer	B 1	1	2
16		Automated Coulter Full Blood Analyzer	C 1		
18	L-018	Electronic Precision balance (Readability 0.01g)	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
25	L-025	Refrigerator (150L)	A 1	1	2
37	L-037	Incubator (150L)	A 1	1	2
51	L-048	Centrifuge, Bench	A 1	1	1
61	L-058	pH Meters	A 1	1	2
63	L-060	Shaking Water Bath	C 1		2
64	L-061	Water Bath 12-16L	A 1	1	2
107	M-002	ECG Machine, 3CH	A 1	1	1
114	M-003	Hand Grip Dynamometer/Ergograph for Isometric Exercise Testing	A 1	1	1
115	M-004	Computerized Plethysmograph	A 1	1	1
116	M-005	Tilting Table, Manual	A 1	1	1
117	M-006	Electroencephalogram	A 1	1	1
118	M-007	Electroneurogram with Visual Evoked Potentials and EMG	A 1	1	1
119	M-008	Perimeter, Goldman	A 1	1	1
120	M-009	Audiometer, Screening	A 1	1	1
121	M-010	Automated Spirometer	A 1	1	1
122	M-011	Treadmill for Exercise Testing	B 1	1	1
123	M-012	Stethograph with Biorite	B 1	1	1
124		Physiograph	C 1		
146	L-115	Stop Watch/ Clock		2	1
147	L-116	Interval Timers	A 10	10	1
150	L-117	Digital Haemoglobinometer	C 1		2
152	L-118	Haematocrit Centrifuge	A 1	1	1
153	M-014	Silicon Resuscitation Bags	B 2	2	1
154	M-015	Length Scale	A 2	2	1
155	M-016	Instrument Tray Table with Castors	A 1	1	1
156	M-017	Examination Table	A 3	3	1
159	M-019	Electronic Weighing Scale	A 1	1	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)	DF+4		1
230	O-001	Camera Set		1	1
237	O-008	Educational TV and VCR Set	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
259	O-029	Magiboards	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 8	8	1
270	O-036	Audio Cassette Player with Speakers	A 1	1	1
273	L-146	Glassware Set	A 1	1	1

ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Biochemistry									
Animal House									
Orig. No.	Item No.	Description	Biochemistry		Animal		Phase		
			Rq.	Plan	Rq.	Plan			
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 1	1			1		
5	L-008	Inverted Tissue Culture Microscope	B 1	1			1		
7	L-010	Binocular Microscopes	A 1	1			1		
	L-015	Single Beam, Visible Light Spectrophotometer, with auto sampler		1			1		
14		Autoanalyzer for Blood Metabolites	B 1						
19	L-019	Electronic Balance (Range 0.01mg-100mg)		1			1		
22	L-022	Chest Freezer (-80C)	A 1	1			2		
25	L-025	Refrigerator (150L)	A 1	1			2		
33	L-034	Freeze Dryer	A 1	1			2		
35	L-035	Vacuum Concentrator	B 1	1			2		
41	L-040	CO2 incubator (150L,5-50C)	A 1	1			2		
50	L-047	Microfuge	A 1	1			1		
51	L-048	Centrifuge, Bench	A 1	1			1		
52	L-049	Microtitre Plate Reader	C 1				2		
56	L-053	Automatic Pipettes Set	DF+1				1		
61	L-058	pH Meters		1			2		
63	L-060	Shaking Water Bath		1			2		
67	L-064	Electrophoresis Apparatus, Horizontal Gel Tank	C 1				2		
68	L-065	Mini Gel Apparatus with dryer and stainer	B 1	1			2		
69	L-066	Electrophoresis for Protein, Vertical Gel Apparatus	A 1				2		
	L-067	Electrophoresis for Protein with densitometer		1			1		
71	L-068	Transfer Apparatus for Gels	A 1	1			1		
82	L-075	Microwave Oven	DF+1				2		
84		Muffle Furnace (500-1000C)	A 1						
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	DF+1				2		
101	L-090	Parasite Sonicator	B 1	1			2		
102	L-091	Magnetic Stirrer with Hot Plate		3			1		
146	L-115	Stop Watch/ Clock		2			1		
188	L-132	Mantel Heater		2			1		
192	L-135	Electric Furnace		1			1		
230	O-001	Camera Set		1			1		
237	O-008	Educational TV and VCR Set	A 1				1		
244	O-015	Desk Top Computer Set	A 1	1			1		
245	O-016	Laser Printer	A 1	1			1		
259	O-029	Magiboards	A 1	1			1		
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2			1		
267	O-035	Stabilizers	A 8	4			1		
273	L-146	Glassware Set	A 1	1			1		
274	L-147	Equipment For Animal House Set			B 1	1	1		

ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Pathology			Pathology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
1	L-001	Teaching Microscope with 5 teaching attachment	B 1	1	1
2		CCTV System with 8 monitor, video camera, deck	A 1		
	L-004	CCTV System with 5 monitor, VCR		1	2
3	L-006	Research Microscope, Trinocular with CCTV attachment	A 1	1	1
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 3	3	1
5	L-008	Inverted Tissue Culture Microscope	A 1	1	1
7	L-010	Binocular Microscopes	B 60,DF+40		1
8	L-011	Biological Microscope	DF-40	40	1
9	L-012	Stereoscopic Zoom Microscope	A 1	1	1
11	L-014	Single Beam, Visible Light Spectrophotometer	B 1	1	2
14		Autoanalyzer for Blood Metabolites	C 1		
16		Automated Coulter Full Blood Analyzer	C 1		
17	L-017	Apparatus for Deionising Water	B 1	1	2
18	L-018	Electronic Precision balance (Readability 0.01g)	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
20	L-020	Cryostat with Knife	DF+1		1
21	L-021	Ultralow Freezer (-80C)	C 1		2
22	L-022	Chest Freezer (-80C)	A 1	1	2
25	L-025	Refrigerator (150L)	A 1	1	2
37	L-037	Incubator (150L)	A 1	1	2
42	L-041	Safety Cabinet, Class II	C 1		2
44	L-043	Fume Hood(Draft chamber)	A 1	1	2
48	L-045	Centrifuge, Refrigerated	C 1		1
49	L-046	Refrigerated Microfuge with Rotors	C 1		1
50	L-047	Microfuge	A 1	1	1
51	L-048	Centrifuge, Bench	A 1	1	1
56	L-053	Automatic Pipettes Set	A 4	4	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	A 2	2	1
60	L-057	Test tube Mixers	A 1	1	1
61	L-058	pH Meters	A 1	1	2
63	L-060	Shaking Water Bath	C 1		2
64	L-061	Water Bath 12-16L	A 1	1	2
67	L-064	Electrophoresis Apparatus, Horizontal Gel Tank	C 1		2
69	L-066	Electrophoresis for Protein, Verticle Gel Apparatus	A 1		2
	L-067	Electrophoresis for Protein with densitometer		1	1
71	L-068	Transfer Apparatus for Gels	A 1		1
79	L-072	Hot Air Oven (250L)	A 1	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	B 1	1	2
82	L-075	Microwave Oven	A 1	1	2
86	L-078	Boiling Sterilizer (100C)	A 1	1	1
88	L-080	Front Loading Autoclave (50L)	A 1	1	2
91	L-083	Orbital Shakers (With Auto Veerse)	A 2	2	2
92	L-084	Rocking Platform with Base	A 1	1	2
98	L-088	Ultrasonic Pipette Washer	A 1	1	2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	A 1	1	2
102	L-091	Magnetic Stirrer with Hot Plate	A 2	2	1
110	L-094	Mixer for Small Container	A 2	2	1
127	L-097	Dissecting Instrument Set	A 2	2	1
129	L-099	X-ray Viewer (Large)	C 1		2
130	L-100	X-ray Viewer (Illuminator) - Standard	C 1		2

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Equipment List for the Faculty of Medical Sciences

Department of Pathology			Pathology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
136	L-106	Automated Slide Stainer	A 1	1	1
137	L-107	Tissue-Tek Embedding Centre	A 1	1	1
138	L-108	Tissue Processing Machine	A 1	1	1
139	L-109	Paraffin Trowel	A 1	1	1
140	L-110	Shaker for Tissue Fixation	C 1		1
141	L-111	Paraffin Oven	A 1	1	1
142	L-112	Slide Warmer	A 1	3	2
143		Microscopic Slide and Tissue Block Cabinet	C 1		
144	L-113	Microtome with Knives Set	A 2	2	1
145	L-114	Automatic Microtome Knife Sharpener	A 1	1	1
146	L-115	Stop Watch/ Clock	A 4	4	1
147	L-116	Interval Timers	A 4	4	1
148		Slide Book	C 4		
149		Electronic Dry Housing for Microscopes	C 5		
150	L-117	Digital Haemoglobinometer	B 1	1	2
152	L-118	Haematocrit Centrifuge	C 1		1
221	M-043	Angle Poised Lamp	C 2		1
230	O-001	Camera Set		1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	A 4	4	1
237	O-008	Educational TV and VCR Set	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
243	O-014	Laser Pointer	A 1	1	1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
251	O-023	Slide Viewer	A 1	1	1
255	O-026	Paper Guillotine	A 1	1	1
256		Paper Shredder	C 1		
257	O-027	Epidiascope	B 1	1	1
258	O-028	Dictaphone and Recorders	B 1	1	1
259	O-029	Magiboards	A 3	3	1
262	O-032	Dehumidifier	A 1	1	1
263	O-033	Polaroid camera	B 1	1	2
264	L-141	Bone Marrow Trephine Biopsy Needles	A 3	3	2
265	L-142	Bone Marrow Aspiration Needles	A 3	3	2
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 8	4	1
272	L-145	Blood Cell Counting Chamber (WBC,RBC) with counter		1	1
273	L-146	Glassware Set	A 1	1	1
290	M-059	Liver & Kidney biopsy set	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Microbiology			Microbiology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
2		CCTV System with 8 monitor, video camera, deck	A 1		
	L-003	CCTV System with 4 monitor, VCR		1	2
3	L-006	Research Microscope, trinocular with CCTV attachment	A 1	1	1
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 2	2	1
5	L-008	Inverted Tissue Culture Microscope	A 4	4	1
6	L-009	Inverted Tissue Coulture Research Microscope with CCVT adaptor	B 1	1	1
7	L-010	Binocular Microscopes	B 15	15	1
8	L-011	Biological Microscope	C 2		1
11	L-014	Single Beam, Visible Light Spectrophotometer	B 1	1	2
17	L-017	Apparalus for Deionising Water	B 1	2	2
18	L-018	Electronic Precision balance (Readability 0.01g)	A 2	2	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
21	L-021	Ultralow Freezer (-80C)	A 1	1	2
22	L-022	Chest Freezer (-80C)	A 1,DF+1	1	2
23	L-023	Freezers (-30C)	A 1	1	2
24	L-024	Refrigerator (Double Door)	A 1	1	2
25	L-025	Refrigerator (150L)	A 1	1	2
26	L-026	Spark Free Refrigerator (100L)	B 1	1	2
27	L-027	Bench Top Cooler upto 2.5C	B 2	2	2
28	L-028	Bench Cooler upto -30C	B 2,DF-2	2	2
30	L-030	Dewars for Specimen Storage in Liquid N2	B 3	3	2
31	L-031	Liquid N2 Storage Vessels (on Stand with Castors)	B 2	2	2
32	L-033	Liquid N2 Flasks	B 2	2	2
34		Manifolds for Flasks	C 1		
35	L-035	Vacuum Concentrator	B 1	1	2
36	L-036	Incubator (200L, Double Door)	A 2	2	2
37	L-037	Incubator (150L)	C 7,DF+4		2
38	L-038	Floor Standing Incubators (250L)	A 2,DF-2	2	2
39	L-039	Cold Incubators (Temp -20C to 30C), 150L	A 1,DF+2	1	2
40		CO2 Incubator with, HEPA Filtration System	B 2		
41	L-040	CO2 Incubator (150L;5-50C)	A 1	3	2
42	L-041	Safety Cabinet, Class II	A 8	8	2
44	L-043	Fume Hood(Draft chamber)	A 1	1	2
46		Micro-Ultracentrifuge, 120000 rpm	C 1		
48	L-045	Centrifuge, Refrigerated	B 2	2	1
49	L-046	Refrigerated Microfuge with Rotors	B 2	2	1
50	L-047	Microfuge	A 1	1	1
51	L-048	Centrifuge, Bench	A 3	3	1
52	L-049	Microtitre Plate Reader	A 1	1	2
53	L-050	Automatic Microtitre Plate Washer	A 1	1	2
54	L-051	Microtitre Plate Shaker	A 1	1	2
55	L-052	Microtitre Plate Incubator	A 1	1	2
56	L-053	Automatic Pipettes Set	A 6	6	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	A 4	4	1
58	L-055	Automatic Volume Dispensers Set	A 2	2	1
60	L-057	Test tube Mixers	A 5	5	1
61	L-058	pH Meters	A 2	2	2
62	L-059	Hand held pH Meters	B 4	4	2
63	L-060	Shaking Water Bath	A 2	2	2
64	L-061	Water Bath 12-16L	A 5	5	2

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Equipment List for the Faculty of Medical Sciences

Department of Microbiology			Microbiology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
65	L-062	Thermal Cycler	A 1	1	2
66	L-063	UV Transilluminator with Photographic Attachment	B 1	1	2
67	L-064	Electrophoresis Apparatus, Horizontal Gel Tank	B 2	2	2
68	L-065	Mini Gel Apparatus with dryer and stainer	A 1	1	2
69	L-066	Electrophoresis for Protein, Vertical Gel Apparatus	A 1	1	2
70		Sequencing apparatus with Power Pack (3000V)	C 1		
71	L-068	Transfer Apparatus for Gels	A 1	1	1
72	L-069	Vacuum blotting Apparatus	A 1	1	2
73		X-ray Film Processor	C 1		
74		Dot-Blot Apparatus	C 1		
75	L-070	Southern Blot Apparatus	A 1	1	2
76	L-071	Blotting Apparatus (large)	A 1	1	2
77		Hybridization Oven with Shaking Platform and Rottserie	C 1		
78		Vacuum Oven with Vacuum Pump (30L)	C 1		
79	L-072	Hot Air Oven (250L)	A 3,DF-2	3	2
80	L-073	Drying Oven (50L)(Ambient-150C)	C 1		1
81	L-074	Drying Cabinet for Glassware and Instruments	A 1	1	2
82	L-075	Microwave Oven	A 2	2	2
83	L-076	Dry Block	A 2	2	2
86	L-078	Boiling Sterilizer (100C)	A 1	1	1
87	L-079	Top Loading Autoclave	A 1,DF+2	1	1
88	L-080	Front Loading Autoclave (50L)	A 2	2	2
89	L-081	Hand Held Short Wave (254nm) UV Light	A 1	1	2
91	L-083	Orbital Shakers (With Auto Reverse)	A 3	3	2
92	L-084	Rocking Platform with Base	A 2	2	2
93		Autoradiography Exposure Cassettes	C 4		
95	L-085	Gel Drying Apparatus	A 1	1	2
96	L-086	Reagent Grade Water System	B 1	1	2
97	L-087	Auto(Water) Still	A 1	1	2
98	L-088	Ultrasonic Pipette Washer	A 1	1	2
99		Ultrasonic Cleaner	C 1		
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	A 1	1	2
102	L-091	Magnetic Stirrer with Hot Plate	A 4	4	1
104	L-093	Filter Assembly for Pure water	B 2	2	2
127	L-097	Dissecting Instrument Set	A 2	2	1
128	L-098	X-ray Film Cabinet		1	2
130	L-100	X-ray Viewer (illuminator) - Standard	A 1	1	2
132	L-102	X-ray Accessories	A 4	1	2
133	L-103	Cassette with intensifying screen	A 3	3	2
	L-104	X-ray Protection apron set		3	2
135	L-105	Developing Tank	A 1	1	2
142	L-112	Slide Warmer	A 4	4	2
146	L-115	Stop Watch/ Clock	A 2	2	1
147	L-116	Interval Timers	A 4	4	1
148		Slide Book	C 1		
149		Electronic Dry Housing for Microscopes	C 5		
196	L-138	Colony Counter		1	2
221	M-043	Angle Poised Lamp	C 2		1
230	O-001	Camera Set		1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	A 2	2	1

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Equipment List for the Faculty of Medical Sciences

Department of Microbiology			Microbiology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
237	O-008	Educational TV and VCR Set	A 1		1
238	O-009	Slide Projector	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
243	O-014	Laser Pointer	A 2	2	1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
251	O-023	Slide Viewer	A 1	1	1
255	O-026	Paper Guillotine	B 1	1	1
257	O-027	Epidiascope	B 1	1	1
259	O-029	Magiboards	A 3	3	1
262	O-032	Dehumidifier	A 2	2	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 8	8	1
268		Automated, Electronic Colony Counter	A 1		
269	L-143	Rotary Innoculator	A 1	1	2
271	L-144	Fully Automatic, Computer Blood Culture	B 1	1	2
273	L-146	Glassware Set	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Parasitology					
Orig. No.	Item No.	Description	Parasitology		Phase
			Rq.	Plan	
2		CCTV System with 8 monitor, video camera, deck	A 1		
	L-002	CCTV System with 3 monitor, VCR		1	2
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 2	2	1
5	L-008	Inverted Tissue Culture Microscope	A 1	1	1
7	L-010	Binocular Microscopes	B 10	10	1
8	L-011	Biological Microscope	C 4		1
9	L-012	Stereoscopic Zoom Microscope	A 2	2	1
16		Automated Coulter Full Blood Analyzer	C 1		
17	L-017	Apparatus for Deionising Water	B 1	1	2
18	L-018	Electronic Precision balance (Readability 0.01g)	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
22	L-022	Chest Freezer (-80C)	A 1	1	2
23	L-023	Freezers (-30C)	A 2	2	2
24	L-024	Refrigerator (Double Door)	A 2	2	2
25	L-025	Refrigerator (150L)	A 1	1	2
30	L-030	Dewars for Specimen Storage in Liquid N2	B 2	1	2
31	L-031	Liquid N2 Storage Vessels (on Stand with Castors)	B 2	2	2
32	L-033	Liquid N2 Flasks	B 3	1	2
37	L-037	Incubator (150L)	A 1	1	2
38	L-038	Floor Standing Incubators (250L)	B 1	1	2
41	L-040	CO2 Incubator (150L;5-50C)	A 1	1	2
42	L-041	Safety Cabinet, Class II	C1,DF+1		2
44	L-043	Fume Hood(Draft chamber)	A 1	1	2
48	L-045	Centrifuge, Refrigerated	C 1		1
49	L-046	Refrigerated Microfuge with Rotors	C 1		1
50	L-047	Microfuge	A 1	1	1
51	L-048	Centrifuge, Bench	A 1	1	1
52	L-049	Microtitre Plate Reader	A 1	1	2
53	L-050	Automatic Microtitre Plate Washer	A 1	1	2
54	L-051	Microtitre Plate Shaker	A 1	1	2
56	L-053	Automatic Pipettes Set	A 3	3	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	A 2	2	1
60	L-057	Test tube Mixers	A 1	1	1
61	L-058	pH Meters	A 1	1	2
62	L-059	Hand held pH Meters	A 1	1	2
63	L-060	Shaking Water Bath	C 1		2
64	L-061	Water Bath 12-16L	A 1	1	2
69	L-066	Electrophoresis for Protein, Verticle Gel Apparatus	B 1	1	2
71	L-068	Transfer Apparatus for Gels	A 1,DF-1	1	1
76	L-071	Blotting Apparatus (large)	B 1	1	2
79	L-072	Hot Air Oven (250L)	A 1	1	2
80	L-073	Drying Oven (50L)(Ambient-150C)	C 1		1
81	L-074	Drying Cabinet for Glassware and Instruments	B 1	1	2
82	L-075	Microwave Oven	A 1	1	2
86	L-078	Boiling Sterilizer (100C)	A 1	1	1
87	L-079	Top Loading Autoclave	A 1	1	1
88	L-080	Front Loading Autoclave (50L)	A 1	1	2
90	L-082	UV-Rays Lamp	B 1	1	1
95	L-085	Gel Drying Apparatus	A 1	1	2
97	L-087	Auto(Water) Still	A 1	1	2

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Equipment List for the Faculty of Medical Sciences

Department of Parasitology			Parasitology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
98	L-088	Ultrasonic Pipette Washer	A 1	1	2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	A 1	1	2
101	L-090	Parasite Sonicator	B 1	1	2
102	L-091	Magnetic Stirrer with Hot Plate	A 2	2	1
104	L-093	Filter Assembly for Pure water	B 1		2
146	L-115	Stop Watch/ Clock	A 2	2	1
147	L-116	Interval Timers	A 2	2	1
149		Electronic Dry Housing for Microscopes	C 5		
230	O-001	Camera Set		1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	A 4	4	1
237	O-008	Educational TV and VCR Set	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
243	O-014	Laser Pointer	A 2	2	1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
251	O-023	Slide Viewer	A 1	1	1
257	O-027	Epidiascope	B 1	1	1
259	O-029	Magiboards	A 3	3	1
262	O-032	Dehumidifier	A 2	2	1
263	O-033	Polaroid camera	B 1	1	2
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 8	4	1
273	L-146	Glassware Set	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Student Laboratory for Parasitology and Microbiology					
Orig. No.	Item No.	Description	Student lab		Phase
			Rq.	Plan	
2		CCTV System with 8 monitor, video camera, deck	A 1		
	L-004	CCTV System with 5 monitor, VCR		1	2
3	L-006	Research Microscope, trinocular with CCTV attachment	A 1	1	1
7	L-010	Binocular Microscopes	A 60	30	1
259	O-029	Magiboards	A 1	1	1
262	O-032	Dehumidifier		1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 2	2	1
273	L-146	Glassware Set	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Pharmacology			Pharmacology		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
7	L-010	Binocular Microscopes	A 1	1	1
17	L-017	Apparatus for Deionising Water	A 1	1	2
18	L-018	Electronic Precision balance (Readability 0.01g)	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
21	L-021	Ultralow Freezer (-80C)	B 1	1	2
30	L-030	Dewars for Specimen Storage in Liquid N2	B 1		2
31	L-031	Liquid N2 Storage Vessels (on Stand with Castors)	B 1		2
	L-032	Liquid N2 Storage Vessels (Portable for transportation)		1	2
32	L-033	Liquid N2 Flasks	B 1		2
35	L-035	Vacuum Concentrator	C 1		2
37	L-037	Incubator (150L)	A 1	1	2
43	L-042	Tissue Culture Glove Box	C 1		1
44	L-043	Fume Hood(Draft chamber)		1	2
47		Centrifuge, Cold, High Speed	C 1		
56	L-053	Automatic Pipettes Set	A 1	1	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	A 1	1	1
60	L-057	Test tube Mixers	A 1	1	1
61	L-058	pH Meters	A 3	3	2
62	L-059	Hand held pH Meters	A 1	1	2
64	L-061	Water Bath 12-16L	A 2	2	2
78		Vacuum Oven with Vacuum Pump (30L)	C 1		
79	L-072	Hot Air Oven (250L)	A 1	1	2
80	L-073	Drying Oven (50L)(Ambient-150C)	A 1	1	1
81	L-074	Drying Cabinet for Glassware and Instruments	A 1	1	2
83	L-076	Dry Block	C 1		2
86	L-078	Boiling Sterilizer (100C)	A 1	1	1
87	L-079	Top Loading Autoclave	A 1	1	1
90	L-082	UV-Rays Lamp	B 1	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	A 1	2	2
97	L-087	Auto(Water) Still	A 1	1	2
98	L-088	Ultrasonic Pipette Washer	A 1	1	2
99		Ultrasonic Cleaner	C 1		
102	L-091	Magnetic Stirrer with Hot Plate	A 3	3	1
103	L-092	Vacuum Pump	A 4	4	1
104	L-093	Filter Assembly for Pure water	C 1		2
107	M-002	ECG Machine, 3CH	C 1		1
108		Cardiac Bedside Monitor	C 1		
109		Treatment Carriage	C 3		
110	L-094	Mixer for Small Container	A 10	10	1
113		Solvent System	C 1		
174	L-119	Melting Point Apparatus	A 1	1	1
175	L-120	Disintegration Testing System	A 1	1	1
176	L-121	Tablet Friability and Friction Tester	A 1	1	1
177	L-122	Hardness Tester of Tablets	A 1	1	1
178	L-123	Sieve Shaker	A 1	1	1
179	L-124	Sieve	A 1	1	1
180	L-125	Moisture Content Measuring Equipment	A 1	1	1
181	L-126	Small Grinding Mill	A 1	1	1
182	L-127	Electric Ball Mill	A 1	1	1
183	L-128	Mill for Analysis	A 1	1	1

ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Pharmacology					
Orig. No.	Item No.	Description	Pharmacology		Phase
			Rq.	Plan	
184	L-129	Oil Bath	A 1	1	1
185	L-130	Trough	A 1	1	1
186	L-131	Shaker for Separating Funnel	A 1	1	1
187		Shaker	A 1		
188	L-132	Mantel Heater	A 1	1	1
189	L-133	Aspirator	A 1	1	1
190	L-134	Volt Slider	A 1	1	1
191		Draft Chamber	B 1		
192	L-135	Electric Furnace	A 1	1	1
193	L-136	Polarimeter	A 1	1	1
194	L-137	Refractometer	A 1	1	1
195		Air Compressors	C 2		
196	L-138	Colony Counter	A 1	1	2
197	L-139	Thermal Hygrograph, With Recorder	A 1	1	1
198		Planetary Mixer - Pilot Scale Capacity 5kg	A 1		
199		Oscillating Granulator - Pilot Scale Capacity 5kg	A 1		
200		Drum Mixture - Pilot Scale Capacity 10L	A 1		
201		Tray Drying Oven - Pilot Scale Capacity 5kg	A 1		
202		Tableting Machine	A 1		
203		Punches for Tableting Machine 10mm Flat/Beveled/Bracketline	A 1		
204		Punches for Tableting Machine 6mm Double Concave	A 1		
205		Coating Pan - Sugar - Pilot Scale Capacity 5kg	A 1		
206		Capsule filling Machine - Manual 100 Caps per Fill	A 1		
207		Volt Slider	C 1		
208	L-140	Viscometer	A 1	1	1
230	O-001	Camera Set		1	1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
259	O-029	Magiboards	A 1	1	1
262	O-032	Dehumidifier	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 8	4	1
273	L-146	Glassware Set	A 1	1	1

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Forensic Medicine			Forensic		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
1	L-001	Teaching Microscope with 5 teaching attachment	B 1		1
2		CCTV System with 8 monitor, video camera, deck	A 1		
	L-003	CCTV System with 4 monitor, VCR		1	2
3	L-006	Research Microscope, trinocular with CCTV attachment		1	1
7	L-010	Binocular Microscopes	A 4	4	1
9	L-012	Stereoscopic Zoom Microscope	A 1	1	1
20	L-020	Cryostat with Knife	B 1	1	1
23	L-023	Freezers (-30C)	A 1	1	2
25	L-025	Refrigerator (150L)	A 2	2	2
37	L-037	Incubator (150L)	B 1	1	2
42	L-041	Safety Cabinet, Class II	C 1		2
51	L-048	Centrifuge, Bench	A 1	1	1
56	L-053	Automatic Pipettes Set	A 1	1	1
58	L-055	Automatic Volume Dispensers Set	A 1	1	1
60	L-057	Test tube Mixers	A 1	1	1
61	L-058	pH Meters	A 1	1	2
62	L-059	Hand held pH Meters	A 1	1	2
64	L-061	Water Bath 12-16L	A 1	1	2
79	L-072	Hot Air Oven (250L)	A 1	1	2
80	L-073	Drying Oven (50L)(Ambient-150C)	A 1	1	1
81	L-074	Drying Cabinet for Glassware and Instruments	A 1	1	2
85	L-077	Hot Plate	A 1	1	1
86	L-078	Boiling Sterilizer (100C)	A 1	1	1
87	L-079	Top Loading Autoclave	A 1	1	1
97	L-087	Auto(Water) Still	A 1	1	2
102	L-091	Magnetic Stirrer with Hot Plate	A 1	1	1
103	L-092	Vacuum Pump	B 1	1	1
127	L-097	Dissecting Instrument Set	A 4	4	1
129	L-099	X-ray Viewer (Large)	A 1	1	2
138	L-108	Tissue Processing Machine	A 1	1	1
139	L-109	Paraffin Trowel	A 1	1	1
140	L-110	Shaker for Tissue Fixation	A 1	1	1
141	L-111	Paraffin Oven	A 1	1	1
143		Microscopic Slide and Tissue Block Cabinet	C 1		
144	L-113	Microtome with Knives Set	A 2	2	1
145	L-114	Automatic Microtome Knife Sharpener	A 1	1	1
146	L-115	Stop Watch/ Clock	A 4	4	1
147	L-116	Interval Timers	A 2	2	1
221	M-043	Angle Poised Lamp	C 2		1
230	O-001	Camera Set		1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	A 4	4	1
237	O-008	Educational TV and VCR Set	A 1		1
238	O-009	Slide Projector	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
251	O-023	Slide Viewer	A 1	1	1
255	O-026	Paper Guillotine	B 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Forensic Medicine				Forensic		Phase
Orig. No.	Item No.	Description	Rq.	Plan		
257	O-027	Epidiascope	A 1	1	1	
259	O-029	Magiboards	A 1	1	1	
262	O-032	Dehumidifier	A 1	1	1	
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1	
267	O-035	Stabilizers	A 4	4	1	
273	L-146	Glassware Set	A 1	1	1	

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Medicine					
Orig. No.	Item No.	Description	Medicine		Phase
			Rq.	Plan	
7	L-010	Binocular Microscopes	A 1	1	1
18	L-018	Electronic Precision balance (Readability 0.01g)	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	B 1	1	1
25	L-025	Refrigerator (150L)	A 1	1	2
37	L-037	Incubator (150L)	B 1	1	2
41	L-040	CO2 Incubator (150L;5-50C)	B 1	1	2
42	L-041	Safety Cabinet, Class II	C 1		2
48	L-045	Centrifuge, Refrigerated	C 1		1
50	L-047	Microfuge	C 1		1
51	L-048	Centrifuge, Bench	A 1	1	1
56	L-053	Automatic Pipettes Set	A 1	1	1
59	L-056	Dilutors	C 1		2
61	L-058	pH Meters	A 1	1	2
64	L-061	Water Bath 12-16L	A 1	1	2
79	L-072	Hot Air Oven (250L)	A 1	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	B 1	1	2
85	L-077	Hot Plate	A 1	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	A 1	1	2
106	M-001	Portable Echocardiograph	A 1	1	1
107	M-002	ECG Machine, 3CH		1	1
117	M-006	Electroencephalogram	B 1	1	1
118	M-007	Electroneurogram with Visual Evoked Potentials and EMG	B 1	1	1
121	M-010	Automated Spirometer		1	1
122	M-011	Treadmill for Exercise Testing	C 1		1
130	L-100	X-ray Viewer (Illuminator) - Standard		2	2
146	L-115	Stop Watch/ Clock	A 1	2	1
153	M-014	Silicon Resuscitation Bags		2	1
154	M-015	Length Scale		2	1
155	M-016	Instrument Tray Table with Castors		2	1
156	M-017	Examination Table		2	1
159	M-019	Electronic Weighing Scale		2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)		2	1
209	M-034	Ophthalmoscope		2	1
210	M-035	Defibrillator with monitor	A 1	1	1
211		Portable Vitalograph Machine	A 1		
212	M-036	Pulse Oximeter	A 1	1	1
213	M-037	Infusion Pump	A 3	3	1
214		Oesophageal pH Monitor	C 1		
215	M-038	Patient monitor(ECG and BP)	A 1	2	1
216		Weighing Machines	A 1		
217	M-039	Examination Bed For Gynecology		2	1
220	M-042	Hand Lamp		1	1
221	M-043	Angle Poised Lamp		2	1
225	M-046	Suction unit		2	1
226	M-047	Nebuliser		2	1
230	O-001	Camera Set		1	1
237	O-008	Educational TV and VCR Set	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Medicine					
Orig. No.	Item No.	Description	Medicine		Phase
			Rq.	Plan	
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
258	O-028	Dictaphone and Recorders	B 1	1	1
259	O-029	Magiboards	A 1	1	1
262	O-032	Dehumidifier	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 2	4	1
273	L-146	Glassware Set	A 1	1	1
295	M-063	Diagnostic set for Medicine	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Surgery			Surgery		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
7	L-010	Binocular Microscopes	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
25	L-025	Refrigerator (150L)	A 1	1	2
37	L-037	Incubator (150L)	B 1	1	2
41	L-040	CO2 Incubator (150L;5-50C)	B 1	1	2
42	L-041	Safety Cabinet, Class II	C 1		2
48	L-045	Centrifuge, Refrigerated	C 1		1
50	L-047	Microfuge	C 1		1
51	L-048	Centrifuge, Bench	A 1	1	1
56	L-053	Automatic Pipettes Set	A 1	1	1
59	L-056	Dilutors	C 1		2
61	L-058	pH Meters	A 1	1	2
64	L-061	Water Bath 12-16L	A 1	1	2
79	L-072	Hot Air Oven (250L)	A 1	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	B 1	1	2
85	L-077	Hot Plate	A 1	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	A 1	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard		2	2
146	L-115	Stop Watch/ Clock	A 1	2	1
153	M-014	Silicon Resuscitation Bags		2	1
154	M-015	Length Scale		2	1
155	M-016	Instrument Tray Table with Castors		2	1
156	M-017	Examination Table		2	1
159	M-019	Electronic Weighing Scale		2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)		2	1
209	M-034	Ophthalmoscope		2	1
210	M-035	Defibrillator with monitor		1	1
213	M-037	Infusion Pump		3	1
215	M-038	Patient monitor(ECG and BP)		2	1
217	M-039	Examination Bed For Gynecology		2	1
218	M-040	Surgical Bed for Minor Surgery, Manual		1	1
220	M-042	Hand Lamp		1	1
221	M-043	Angle Poised Lamp		2	1
225	M-046	Suction unit		2	1
228	M-048	Electric Cautery For Skin		1	1
230	O-001	Camera Set		1	1
237	O-008	Educational TV and VCR Set	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
258	O-028	Dictaphone and Recorders	B 1	1	1
259	O-029	Magiboards	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 2	4	1
273	L-146	Glassware Set	A 1	1	1
294	M-062	Diagnostic set for Surgery	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Pediatrics					
Orig. No.	Item No.	Description	Paediatrics		Phase
			Rq.	Plan	
7	L-010	Binocular Microscopes	A 1	1	1
11	L-014	Single Beam, Visible Light Spectrophotometer	B 1	1	2
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
25	L-025	Refrigerator (150L)	A 1	1	2
37	L-037	Incubator (150L)	A 1	1	2
48	L-045	Centrifuge, Refrigerated	C 1		1
50	L-047	Microfuge	C 1		1
51	L-048	Centrifuge, Bench	A 1	1	1
56	L-053	Automatic Pipettes Set	A 1	1	1
59	L-056	Dilutors	C 1		2
61	L-058	pH Meters	A 1	1	2
64	L-061	Water Bath 12-16L	A 1	1	2
79	L-072	Hot Air Oven (250L)	A 1	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	B 1	1	2
85	L-077	Hot Plate	A 1	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	A 1	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard		2	2
146	L-115	Stop Watch/ Clock	A 1	2	1
152	L-118	Haematocrit Centrifuge	A 1	1	1
153	M-014	Silicon Resuscitation Bags		2	1
154	M-015	Length Scale		2	1
155	M-016	Instrument Tray Table with Castors		2	1
156	M-017	Examination Table		2	1
157		Measuring Rod For Height	A 2		
158	M-018	Infant Length Scale	A 2	2	1
159	M-019	Electronic Weighing Scale	A 2	2	1
160	M-020	Infant Weighing Scale	A 2	2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)	A 3	3	1
162	M-022	Skinfold Thickness Calipers	A 2	2	1
163	M-023	Bilirubin Analyzer	A 1	1	1
209	M-034	Ophthalmoscope		2	1
212	M-036	Pulse Oximeter		2	1
213	M-037	Infusion Pump		3	1
215	M-038	Patient monitor (ECG and BP)		2	1
217	M-039	Examination Bed For Gynecology		2	1
220	M-042	Hand Lamp		1	1
221	M-043	Angle Poised Lamp		2	1
225	M-046	Suction unit		2	1
226	M-047	Nebuliser		2	1
230	O-001	Camera Set		1	1
237	O-008	Educational TV and VCR Set	A 1		1
238	O-009	Slide Projector	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
251	O-023	Slide Viewer	A 1	1	1
257	O-027	Epidiascope	B 1	1	1
258	O-028	Dicaphone and Recorders	B 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Pediatrics					
Orig. No.	Item No.	Description	Paediatrics		Phase
			Rq.	Plan	
259	O-029	Magiboards	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 2	4	1
273	L-146	Glassware Set	A 1	1	1
276		Ultrasonic Nebulizers	A 2		
277	M-050	Phototherapy Unit	A 3	3	1
278		Automatic Infusion Pumps	A 3		
279	M-051	Syringe Infusion Pumps	A 3	3	1
280	M-052	Infant Resuscitator and Accessories	A 1	1	1
281	M-053	Infant Transport Incubators	A 2	2	1
282	M-054	Oxygen Hood	A 2	2	1
283		Suction Apparatus	A 2		
284		Cardiac Monitor	A 2		
285	M-055	Apnea Monitor	A 2	2	1
286	M-056	Infant Examination Table	A 2	2	1
287	M-057	Infant Pressure Cycled Ventilator	A 2	2	1
288	M-058	Oxygen Analyzer	A 2	2	1
289		Pulse Oximeter	A 2		
290	M-059	Liver & Kidney biopsy set	A 1	1	1
296	M-064	Diagnostic set for Paediatrics	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Obstetrics and Gynecology			ObGyne		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
7	L-010	Binocular Microscopes	A 1	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
25	L-025	Refrigerator (150L)	A 1	1	2
37	L-037	Incubator (150L)	B 1	1	2
41	L-040	CO2 Incubator (150L;5-50C)	C 1		2
42	L-041	Safety Cabinet, Class II	C 1		2
48	L-045	Centrifuge, Refrigerated	C 1		1
49	L-046	Refrigerated Microfuge with Rotors	C 1		1
50	L-047	Microfuge	C 1		1
51	L-048	Centrifuge, Bench	A 1	1	1
56	L-053	Automatic Pipettes Set	A 1	1	1
59	L-056	Dilutors	C 1		2
61	L-058	pH Meters	A 1	1	2
64	L-061	Water Bath 12-16L	A 1	1	2
79	L-072	Hot Air Oven (250L)	A 1	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	B 1	1	2
85	L-077	Hot Plate	A 1	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	A 1	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard		2	2
146	L-115	Stop Watch/ Clock	A 1	2	1
153	M-014	Silicon Resuscitation Bags		2	1
154	M-015	Length Scale		2	1
155	M-016	Instrument Tray Table with Castors		2	1
156	M-017	Examination Table		2	1
159	M-019	Electronic Weighing Scale		2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)		2	1
164	M-024	Hysteroscope with Resection Equipment	A 1	1	1
165	M-025	Colposcope	A 1	1	1
166	M-026	Cryo-cautary	A 1	1	1
168	M-028	Bipolar Diathermy	A 1	1	1
169	M-029	Doppler Fetal Heart Monitor (Portable)	A 3	3	1
170	M-030	Cardio-toco-graph	A 1	3	1
209	M-034	Ophthalmoscope		2	1
213	M-037	Infusion Pump		3	1
215	M-038	Patient monitor(ECG and BP)		2	1
217	M-039	Examination Bed For Gynecology		2	1
220	M-042	Hand Lamp		1	1
221	M-043	Angle Poised Lamp		2	1
225	M-046	Suction unit		2	1
226	M-047	Nebuliser		2	1
230	O-001	Camera Set		1	1
237	O-008	Educational TV and VCR Set	A 1		1
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
258	O-028	Dictaphone and Recorders	B 1	1	1
259	O-029	Magiboards	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1

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Equipment List for the Faculty of Medical Sciences

Department of Obstetrics and Gynecology					
Orig. No.	Item No.	Description	ObGyne		Phase
			Rq.	Plan	
267	O-035	Stabilizers	A 2	4	1
273	L-146	Glassware Set	A 1	1	1
297	M-065	Diagnostic set for Obstetrics & Gynecology	A 1	1	1

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Equipment List for the Faculty of Medical Sciences

Department of Psychiatry			Psychiatry		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
25	L-025	Refrigerator (150L)	A 1	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard		2	2
153	M-014	Silicon Resuscitation Bags		2	1
159	M-019	Electronic Weighing Scale		2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)		2	1
209	M-034	Ophthalmoscope	A 1	1	1
221	M-043	Angle Poised Lamp		1	1
230	O-001	Camera Set	A 1	1	1
236	O-007	Observation TV and Camera Set With VCR	A 1	1	2
239	O-010	Overhead Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
258	O-028	Dictaphone and Recorders	B 1	1	1
259	O-029	Magiboards	A 1	1	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 2	4	1
293	M-061	Diagnostic set for Psychiatry	A 1	1	1

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Department of Family Medicine and Community Medicine						
Orig. No.	Item No.	Description	Family Community		Phase	
			Rq.	Plan		
7	L-010	Binocular Microscopes	A 2	2	1	
11	L-014	Single Beam, Visible Light Spectrophotometer	A 1	1	2	
16		Automated Coulter Full Blood Analyzer	C 1			
24	L-024	Refrigerator (Double Door)	A 2	2	2	
51	L-048	Centrifuge, Bench	A 1	1	1	
56	L-053	Automatic Pipettes Set	A 1	1	1	
64	L-061	Water Bath 12-16L	A 1	1	2	
79	L-072	Hot Air Oven (250L)	A 1	1	2	
86	L-078	Boiling Sterilizer (100C)	A 1	1	1	
87	L-079	Top Loading Autoclave	A 2	2	1	
130	L-100	X-ray Viewer (Illuminator) - Standard		2	2	
146	L-115	Stop Watch/ Clock		2	1	
152	L-118	Haematocrit Centrifuge	A 1	1	1	
153	M-014	Silicon Resuscitation Bags		2	1	
155	M-016	Instrument Tray Table with Castors	A 4	4	1	
156	M-017	Examination Table	A 4	4	1	
159	M-019	Electronic Weighing Scale		2	1	
169	M-029	Doppler Fetal Heart Monitor (Portable)		1	1	
210	M-035	Defibrillator with monitor		1	1	
217	M-039	Examination Bed For Gynecology	A 1	1	1	
218	M-040	Surgical Bed for Minor Surgery, Manual	A 1	1	1	
219	M-041	Small Operating Theatre Lamp Mobile	A 1	1	1	
220	M-042	Hand Lamp	A 4	4	1	
221	M-043	Angle Poised Lamp	A 2	2	1	
222	M-044	Diagnostic Set For Community and Family Medicine	A 3	3	1	
223		Foetal Heart Detector (Doppler)	A 1			
224	M-045	Proctoscope with Light Source	A 1	1	1	
225	M-046	Suction unit	A 1	1	1	
226	M-047	Nebuliser	A 1	1	1	
227		Portable Defibrillator	B 1			
228	M-048	Electric Cautery For Skin	A 1	1	1	
229	M-049	Infra Red Lamp	A 1	1	1	
230	O-001	Camera Set		1	1	
236	O-007	Observation TV and Camera Set With VCR	A 1	1	2	
239	O-010	Overhead Projector	A 1		1	
240	O-011	Projector Screens	A 1		1	
241	O-012	Laptop Computer		2	1	
244	O-015	Desk Top Computer Set	A 1	1	1	
245	O-016	Laser Printer	A 1	1	1	
259	O-029	Magiboards	A 1	1	1	
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1	
267	O-035	Stabilizers	A 4	4	1	
272	L-145	Blood Cell Counting Chamber (WBC,RBC) with counter	A 5	5	1	
273	L-146	Glassware Set	A 1	1	1	
291	M-060	Mini-bus, 20 to 30 sheets capacity	A 1	1	1	
292		Transport vehicle	A 1			

ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Administration							
Department of Medical Education and Health Sciences							
Orig. No.	Item No.	Description	Education		Admini		Phase
			Rq.	Plan	Rq.	Plan	
244	O-015	Desk Top Computer Set			A 3	3	1
245	O-016	Laser Printer			A 2	2	1
250	O-022	Electronic Type Writer with Memory (English)			B 2	2	1
252		Electronic Stencil Scanning Machine			B 1		
255	O-026	Paper Guillotine			C 1		1
256		Paper Shredder			C 1		
259	O-029	Magiboards			A 3	3	1
266	O-034	Uninterrupted Power Supply (UPS)			A 3	3	1
267	O-035	Stabilizers			A 2	3	1
275	O-037	Anatomical Models and Simulators Set	A 1	1			1

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Equipment List for the Faculty of Medical Sciences

Library							
Auditorium							
Orig. No.	Item No.	Description	Audio		Library		Phase
			Rq.	Plan	Rq.	Plan	
235	O-006	Audio Visual Set For Auditorium	A 1	1			2
238	O-009	Slide Projector	A 2				1
239	O-010	Overhead Projector	A 1				1
240	O-011	Projector Screens	A 1				1
244	O-015	Desk Top Computer Set			A 5	10	1
245	O-016	Laser Printer			A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)			B 1	1	1
252		Electronic Stencil Scanning Machine			B 1		
255	O-026	Paper Guillotine			B 2	2	1
256		Paper Shredder			C 1		
259	O-029	Magiboards	A 1	1	A 2	2	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	3	A 2	10	1
267	O-035	Stabilizers	A 2	3	A 2	10	1

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Equipment List for the Faculty of Medical Sciences

Medical Illustration Unit			Illust		Phase
Orig. No.	Item No.	Description	Rq.	Plan	
24	L-024	Refrigerator (Double Door)	A 1	1	2
129	L-099	X-ray Viewer (Large)	A 1	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	A 1	1	2
230	O-001	Camera Set	A 3	3	1
231	O-002	Illustration Making Set	A 1	1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	A 1	1	1
233	O-004	Teaching Video Making Set	A 1	1	1
234	O-005	Computer Facility for Slide Making	A 1	1	1
238	O-009	Slide Projector	A 1		1
240	O-011	Projector Screens	A 1		1
244	O-015	Desk Top Computer Set	A 1	1	1
245	O-016	Laser Printer	A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	1	1
252		Electronic Stencil Scanning Machine	B 1		
253	O-024	Binding Machine(ring binding)	A 1	1	1
254	O-025	Laminating machine	A 1	1	1
255	O-026	Paper Guillotine	A 1	1	1
256		Paper Shredder	C 1		
259	O-029	Magiboards	A 1	1	1
261	O-031	Split-Type Airconditioners	B 2	2	2
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 1	2	1