

Chapter 4 Project Evaluation and Recommendation

THE UNIVERSITY OF CHICAGO
LIBRARY

Chapter 4 Project Evaluation and Recommendation

4-1 Project effect

4-1-1 Project propriety

The National Health Plan of the Government of Sri Lanka aims to provide the people of Sri Lanka with higher quality of medical care and includes a plan to foster more medical personnel in the country. A plan to increase both the quality and number of medical personnel is required if this goal should be attained. Medical education is an issue that requires urgent attention, as it is a means of attaining this goal.

Accordingly, this project would improve the educational environment in the Faculty of Medical Sciences of University of Sri Jayewardenepura, and help foster competent personnel with the result of bringing about benefits in health care for the people of Sri Lanka. This project would contribute to the advancement of medical technology by reinforcement of medical personnel and by availing paramedical staff of academic degree to train and educate ordinary paramedical staff at hospital sites.

Thus, this project would contribute to the improvement of medical care in Sri Lanka in both qualitative and quantitative terms. As a result, the BHN of the Sri Lankan people would be improved, and therefore it would be very appropriate to provide grant aid for this project.

4-1-2 Requirements for achieving project goal

To clarify what Government of Sri Lanka is required to implement for the attainment of the goal of this project, a Consensus Work Shop was held using PCM (Project Cycle Management) method. Both Japanese delegates and teaching staffs from the Faculty of Medical Sciences of the University participated in the Work Shop. Investigations by the Work Shop to see whether project requirements were being carried out and confirmed that the implementation activities were proceeding smoothly. Details of the requirements are given below.

(1) Provision of facilities

Construction is proceeding almost as intended, and there is no obstacle that hinder this project.

(2) Maintenance and management system

Employment of one engineer is already scheduled and the hiring of a number of other technicians for the Maintenance Unit which will be newly established in the Faculty of Medical Sciences is currently in progress. It is

expected that these personnel will be employed coming April. It was confirmed that the system had been actually in place. Furthermore, It was confirmed that assistance would be given by the Ministry of Health in this system.

(3) Securing of faculty staffs and educational development

It was confirmed that preparations in this matter were proceeding smoothly, with personnel being recruited for vacant posts and interviews already held for a number of departments of the faculty.

(4) Improvement and development of curriculum

It was confirmed that there had been comparative studies conducted for curriculums in local and overseas universities and that the Faculty of Medical Sciences was working to improve and develop the curriculum.

4-1-3 Project effect

(1) Direct effects

The Faculty of Medical Sciences at the University of Sri Jayewardenepura will foster doctors and paramedical staffs of academic degree every year. Accordingly, this project will contribute to an increase in the number of medical personnel in Sri Lanka and to an improvement in the quality of medical technology of paramedical through training and education at hospital sites by the qualified paramedical staff. The numbers of persons to be trained each year are given below. This faculty will be able to provide approximately 140 doctors each year against shortage of 13,158 doctors as of 1995. Also, no paramedical in Sri Lanka have academic degree at present, but in future the University of Sri Jayewardenepura will be able to provide approximately 140 of paramedicals with the degree each year.

Table 4-1 Course for Paramedical

Course	Duration	Students/year
Medicine	5 years	140
Human Biology	3 years	5
Nursing	2 years	50
Pharmacy	3 years	25
Health Services Management	3 years	10
Medical Laboratory Technology	3 years	25
Physiotherapy	3 years	25
Total		280

(2) Indirect effects

This project will help increase and improve the number and quality of medical personnel in Sri Lanka and the standard of medical skills to be used. An increase in the number of medical personnel will mean that there will be more doctors available to rural areas and a lower concentration of doctors in the cities. This will help to rectify regional differences in the number of doctors.

Furthermore, the Faculty by this project will have Department of Family Medicine and Community Medicine and Family Practice Centre will be established under this department. This Centre will help improve and provide information on PHC which is one of the major items of the National Health Policy of Sri Lanka, maternal health services, and family planning. Accordingly, this project will contribute to the betterment of medical services throughout Sri Lanka. Another supplementary effect will be the slight improvement of the hospital function of the Colombo South Teaching Hospital as a result of the supply of the equipment through this Project.

4-2 Recommendation

(1) Short-term issues and recommendations

A. Securing teaching staffs

It is desirable that teaching staffs should be satisfactorily secured as planned by the year of 1998 when the students will be graduated for the first time for the Faculty.

B. Maintenance, management and renovation of equipment

It is desirable that the maintenance, management and renovation of the equipment procured by this project should be carried out under closer relationship between the Ministry of Education and Higher Education and the Ministry of Health.

C. Employment of Doctors and Paramedical

As fostering medical personnel is the matter under the jurisdiction of Ministry of Education and Higher Education meanwhile activity of medical personnel is the matter under the jurisdiction of Ministry of Health, it is desirable that employment matter of doctors and paramedical graduated from the Faculty should be carried out under the closer tie between these two ministry.

(2) Medium-term issues and recommendations

A. Policy of prevention of the outflow of personnel to oversea countries

Despite its policy to increase the number of doctors, Sri Lanka faces a problem of doctors going oversea to work. One of the major reasons is probably the difference in working conditions. Therefore, to prevent this outflow, it is desirable that the Government of Sri Lanka must conduct some specific measures, such as establishing incentives for doctors to stay in the

country or the system of setting the duration of over-sea works.

B. Rectification of regional differences

When the number of doctors in the cities is compared with the number of those rural area it is obvious that a concentration lies in the cities. It is desirable that for the purpose of up-grading of medical level of entire Sri Lanka, some positive measures should be taken to solve this problem, for instance, by such a way as imposing obligatory assignment of work for a certain duration of time in rural area as a reciprocation of the beneficiary who received free medical education.

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1. Member List of Survey Team

1 . Member List of Survey Team

Basic Design Study on
The Project for Improvement of the Educational Equipment for the Faculty of
Medical Sciences, University of Sri Jayewardnepura
In the Democratic Socialist Republic of Sri Lanka

1 . Basic Design Study (6th October to 2nd November, 1996)

- 1). Team Leader, Dr. Yujiro HANDA**
Development Specialist, Japan International Cooperation Agency (JICA)
- 2). Technical Adviser, Dr. Kazumi TAKI**
Assistant Professor, Department of Surgical Centre, Nagoya University
Hospital
- 3). Project Coordinator Yuko ISHIZAWA**
First Project Study Division, Grant Aid Project Study Department, JICA
- 4). Project Manager, Zenichi ANDO**
International Total Engineering Corporation (ITEC)
- 5). Equipment I /Procurement/ Cost Planner, Kenji ISHIDA**
International Total Engineering Corporation (ITEC)
- 6). Equipment II/ Education, Dr. Mituru YANAI**
International Total Engineering Corporation (ITEC)
- 7). Facility Planner, Kenji HIRAMATU**
International Total Engineering Corporation (ITEC)

2 . Consultation on Draft Report (14th January to 25th January, 1997)

- 1). Team Leader, Dr. Yujiro HANDA**
Development Specialist, Japan International Cooperation Agency (JICA)
- 2). Technical Adviser, Dr. Kazumi TAKI**
Assistant Professor, Department of Surgical Centre, Nagoya University
Hospital
- 3). Project Coordinator Mayumi HORIKAWA**
First Project Study Division, Grant Aid Project Study Department, JICA
- 4). Project Manager, Zenichi ANDO**
International Total Engineering Corporation (ITEC)
- 5). Equipment I /Procurement/ Cost Planner, Kenji ISHIDA**
International Total Engineering Corporation (ITEC)

2. Survey Schedule

2. Survey Schedule(Basic Design)

No.	Posts		Government	Project manager	Equipment planner	Equipment planner	Facility planner	
	Name	Period	member	Mr. Z. Ando	I Mr. K. Ishida	II Dr. M. Yanai	Mr. K. Hiramatsu	
	Date		13 days	29 days	29 days	20 days	29 days	
1	6-Oct	Sun	Arrive at Colombo					
2	7-Oct	Mon	Courtesy call on Embassy of Japan and JICA office in Colombo Courtesy call on Ministry of Finance Courtesy call on Ministry of Education & Higher Education Confirmation of Survey schedule, Submission and Explanation of Inception report and Questionnaires					
3	8-Oct	Tue	Courtesy call on Sri Jayewardenepura University. Conference for the inception report and Questionnaires Survey of University of Sri Jayewardenepura and Faculty of Medical Sciences					
4	9-Oct	Wed	First Discussion with each department of the Faculty Surgery, Anatomy, Pharmacology, Biochemistry, Forensic Medicine Medicine				Discussion with Maintenance dep. Site Survey	
5	10-Oct	Thu	First Discussion with each department of the Faculty Obste & Gyne, Pathology, Parasitology First Work shop				Discussion with Facility consultant Maintenance dep.	
6	11-Oct	Fri	First Discussion with each department of the Faculty Microbiology, Family medicine and community medicine, Psychiatry Paediatrics, Physiology				Survey of Const Plan, Environmental matter	
7	12-Oct	Sat	Team's internal meeting					
8	13-Oct	Sun	Team's internal meeting					
9	14-Oct	Mon	Submitted draft Minutes of Discussion Survey of Colombo South Teaching Hospital					
10	15-Oct	Tue	Survey of Sri Jayewardenepura Hospital Confirmation of draft Minutes of Discussion					
11	16-Oct	Wed	Signature of "Minutes of Discussion" Report to the Embassy of Japan and JICA office					
12	17-Oct	Thu	Dr. Taki leave from Colombo				Facility survey	
			Survey of NiHS Second discussion with each department of the Faculty Medicine, Surgery, Obste & Gyne, Paediatrics					
13	18-Oct	Fri	Survey of Biomedical Engineering Service					
			Second discussion with each department Microbiology, Parasitology				Facility survey	
14	19-Oct	Sat	Team's internal meeting					
16	20-Oct	Sun	Colombo to Peradeniya					
16	21-Oct	Mon	Survey of University of Peradeniya					
17	22-Oct	Tue	Second discussion with each department Anatomy, Pathology, Biochemistry, Physiology, Pharmacology				Installation space Electric outlet Survey	
18	23-Oct	Wed	Study of data	Local agent survey	Study of data	Study of data		
			Second discussion with each department Microbiology, Parasitology, Biochemistry, Pathology, Physiology					
19	24-Oct	Thu	Second discussion with each department Forensic medicine, Family medicine & Community Illustration, Library, Administration				Installation space Electric outlet Survey	
20	25-Oct	Fri	Local Agent surgery				Discussion with Electrical board Survey on Facility	
			Second work shop with Core group					
21	26-Oct	Sat	Team's internal meeting					Same as Ando
22	27-Oct	Sun	Team's internal meeting					Same as Ando
23	28-Oct	Mon	Study of data	Survey of Local Agents			Facility survey Generator Same as Ando	
24	29-Oct	Tue	Survey of Colombo University Faculty of Medicine and MRI				Same as Ando	
25	30-Oct	Wed	Survey of BES with Mr. Maluo Discussion on O/M with Faculty				Facility survey	
26	31-Oct	Thu	Discussion on O/M with MOH Discussion on O/M with Faculty Discussion on Sri Lanka work				Same as Ando	
27	1-Nov	Fri	1. Report to the Ministry 2. Report to Embassy of Japan and JICA office				Same as Ando	
28	2-Nov	Sat	Leave from Colombo				Same as Ando	

2. Survey Schedule(Draft Report)

No.	Date		Schedule
1	14-Jan	Tue	Arrive at Colombo
2	15-Jan	Wed	Courtesy call on JICA office in Colombo Courtesy call on Sri Jayewardenepura University, Conference for the Draft Basic Design Report and Schedule
3	16-Jan	Thu	Dr. Handa, Miss Horikawa, Mr. Ando
			Dr. Taki, Mr. Ishida
			Courtesy call on UGC Conference for Object of the mission
4	17-Jan	Fri	Work shop - Confirmation for progress of project Output Courtesy call on Ministry of Education and Higher Education
			Dr. Handa, Miss Horikawa, Mr. Ando
			Dr. Taki, Mr. Ishida
5	18-Jan	Sat	Courtesy call on MOF External, Expl. Rep
			Survey & Discussion CSTH
			Courtesy call on MOF Planning, Expl. Report
6	19-Jan	Sun	Survey & Discussion CSTH
			Team's internal meeting
			Team's internal meeting
7	20-Jan	Mon	Dr. Handa, Miss Horikawa, Mr. Ando
			Dr. Taki, Mr. Ishida
			Confirmation for Minutes with MEHE
8	21-Jan	Tue	Foundation of New Faculty building stage 2
			Discussion with each department on Draft report
			Dr. Handa, Miss Horikawa, Mr. Ando
9	22-Jan	Wed	Discussion on Maintenance with MEHE, MOH, BES, MOF
			Dr. Taki, Mr. Ishida
			Survey CSTH
10	23-Jan	Thu	Signature of "Minutes of Discussion"
			Banquet by JICA
			Team's internal meeting
11	24-Jan	Fri	Banquet by Sri Lanka
			Report to JICA
			Report to Embassy of Japan
			Leave from Colombo

3. List of Party Concerned of Sri Lanka

3. List of Party Concerned of Sri Lanka

<u>Title</u>	<u>Name</u>
Ministry of Finance & Planning	
Additional Director General, Department of External Resources	Mrs. D.D.J. KUDALIGAMA
Deputy Director, National Planning Department	Mr. B. ABEYGUNAWARDENA
Additional Director General, National Planning Department	Ms. N. PATHMANATHAN
Ministry of Education and Higher Education	
Secretary	Mr. M.D.D. PIERIS
Additional Secretary	Mr. C. ABEYGUNAWARDENA
Chairman, University Grants Commission	Prof. S. TILAKARATNA
Ministry of Health, Highway and Social Services	
Secretary	Dr. D. DISSANAYAKE
Additional Secretary	Dr. K.C.S. DALPATADU
Additional Director of Laboratory service	Mr. K.M. VELUMMYLYUM
Deputy Director of Pharmacy supply	Dr. B.F.S. SAMARANAYAKE
Director of BES	Mr. J.I.M.K. JAYATILAKA
University of Sri Jayewardnepura, the Faculty of Medical Sciences	
Vice Chancellor	Prof. P. WILSON
Dean/ Faculty of Medical Sciences	Prof. M.T.M. JIFFRY
Head of Department of Anatomy	Dr. F. PERERA
Head of Department of Physiology	Dr. D.K. RUBERU
Head of Department of Biochemistry	Prof. E. R. JANSZ
Head of Department of Pathology	Dr. R.J. WITHANA
Head of Department of Microbiology	Prof. U. T. VITARANA
Head of Department of Parasitology	Dr. S. EKANAYAKE
Head of Department of Pharmacology	Dr. A.K.E. GOONETILLEKE
Head of Department of Forensic Medicine	Dr. R. WEERASUNDERA
Head of Department of Medicine	Dr. S. D. JAYARAGNE
Head of Department of Surgery	Dr. W.M.M. DE SILVA
Head of Department of Paediatrics	Dr. N. D. WARNASURIYA
Head of Department of Obstetrics & Gynaecology	Dr. D.S. WEERASEKERA
Head of Department of Psychiatry	Dr. S.T. KATHRIARACHCHI
Head of Department of Family Medicine and Community Medicine	Prof. Y.L.I. DE. A. KARUNARATNE
Colombo South Teaching Hospital	
Director	Dr. W.G. GUNAWARDAM
Consultant of Medicine	Dr. K.H. SELLAHEWA
Consultant of Radiology	Dr. Mrs. T.G.T. RAJAPARN
Consultant of Maxio Facial surgery	Dr. Mrs. S.P.F. SILUM

3. List of Party Concerned of Sri Lanka

Title	Name
Consultant of Paediatrics	Dr. D. H. KARUNATILAKA
Consultant of Gynaecology	Dr. O.U.R. CURENODERE
Consultant of Dermatology	Dr. W.D.H. PERWA
Consultant of Clinical Pathology	Dr. K.C.K. WASAKIGCHCHI
Consultant of Surgery	Dr. P.L.P. PERERA
Consultant of Obstetrics	Dr. L. SENANAGALA
Consultant of Forensic Medicine	Dr. P.B. DASSANAYAKE
Consultant of OPD	Dr. N. J. NONIS
Consultant of Anesthesiology	Dr. H.L.R.N. RANWALA
Head Nurse of I.C.U.	N. S. WIDYAPADHIGE
Physician of Obstetrics	Dr. D.C.J. WICKRAMARACHCHI
Consultant of Neurology	Dr. J.C.A. WEERASEKENA
Blood bank	Dr. D.R.P. SENEVIRATINE
Physiotherapist	Mr. G.Q.N. PESERA
Surgery	Dr. J.R. WIPEREKERA
Peradeniya University, the Faculty of Medicine	
Dean/ Faculty of Medicine	Prof. N. SENANAYAKE
Head of Pathology	Prof. S.B. ELLEPOLA
Senior Lecture of surgery	Prof. S. MENDIS
Senior Lecture of Biochemistry	Dr. S.W. GUNASELARA
Colombo University, the Faculty of Medicine	
Dean/ Faculty of Medicine	Prof. L. MENDIS
Head of Department of Community Medicine	Prof. D.N. FERNANDO
Head of Department of Obstetrics	Prof. H.R. SENEVIRATNE
Head of Department of Parasitology	Prof. K. MENDIS
Head of Department of Biochemistry	Prof. E. KARUNANAYAKE
Embassy of Japan in Sri Lanka	
Ambassador extraordinary and Plenipotentiary	Mr. Yasuo NOGUCHI
Minister	Mr. Takesi KAMITANI
First Secretary	M.D. Kaname KANAI
First Secretary and Medical Attaché	M.D. Takashi ASAKA
Second Secretary	Mr. TAKAHASI
JICA Sri Lanka Office	
Resident Representative	Mr. Yoshiaki KANO
Deputy Resident Representative	Mr. Hideyuki SUZUKI
Assistant Resident Representative	Ms. Junko INAMI
BES JICA Expert	Mr. Takeshi MATSUO
MRI JICA Expert	Mr. Hitoshi WATANABE

4. Equipment Distribution List

Equipment Distribution List

		Faculty of Medical Sciences, University of Sri Jaywardenepura																					
Origin	Item	Description																					
No.	No.	Com	Ana	Phy	Bio	Ani	Pat	Mic	Par	Stu	Pha	For	Med	Sur	Pae	Obg	Pay	Fam	Edu	Adm	Aud	Lib	Ill
Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
128	L-098																						
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208	L-140																						
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265	L-142																						
269	L-143																						
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272	L-145																						
273	L-146																						

Equipment Distribution List

Original Item No.		Description	Faculty of Medical Sciences, University of Sri Jayewardenepura																					
			Com	Ana	Phy	Bio	Ani	Pat	Mic	Par	Stu	Pha	For	Med	Sur	Pae	Obg	Pay	Fam	Edu	Adm	Aud	Lib	Ill
No.	No.		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
225	M-046	Suction unit														2	2	2	2					
226	M-047	Nebuliser														2	2	2	2					
228	M-048	Electric Cautery For Skin														1	1	1	1					
229	M-049	Infra Red Lamp																						
277	M-050	Phototherapy Unit																						
279	M-051	Syringe Infusion Pumps																						
280	M-052	Infant Resuscitator and Accessories																						
281	M-053	Infant Transport Incubators																						
282	M-054	Oxygen Hood																						
285	M-055	Apnea Monitor																						
286	M-056	Infant Examination Table																						
287	M-057	Infant Pressure Cycled Ventilator																						
288	M-058	Oxygen Analyzer																						
290	M-059	Liver & Kidney biopsy set																						
291	M-060	Mini-bus, 20 to 30 sheets capacity																						
293	M-061	Diagnostic set for Psychiatry																						
294	M-062	Diagnostic set for Surgery																						
295	M-063	Diagnostic set for Medicine																						
296	M-064	Diagnostic set for Paediatrics																						
297	M-065	Diagnostic set for Obstetrics & Gynecology																						
	M-066	Autoclave, 150L																						
	M-067	Linens washing and dryer																						
	M-068	Nerve stimulator																						
	M-069	Autoclave high speed																						
	M-070	Surgical instrument set for abdominal																						
	M-071	Surgical instrument set for Chest																						
	M-072	Surgical instrument set for Gastroscopy																						
	M-073	Universal Operation table with orthopedics accessory																						
	M-074	Plaster table																						
	M-075	Air tourniquets, adult & child																						
	M-076	Surgical instrument set for tracheotomy																						
	M-077	Surgical instrument set for plaster cutting																						
	M-078	Surgical instrument set for emergency open chest																						
	M-079	Surgical instrument set for Bone fracture																						
	M-080	Bone drill set																						
	M-081	Ventilator with EndCO2, O2 Analyzer																						
	M-082	ICU bed for adult																						
	M-083	ICU bed for infant																						
	M-084	Sphygmomanometer wall type																						
	M-085	Respirometer																						
	M-086	Central monitor																						
	M-087	Patient monitor																						
	M-088	Instrument cabinet																						
	M-089	Stretcher with IV Oxygen																						
	M-090	X-ray fluoroscopic with bucky stand																						
	M-091	Film processor																						
	M-092	X-ray unit for simple tomography																						
	M-093	X-ray unit for mammography																						
	M-094	X-ray film viewer, 12 film																						

Equipment Distribution List

		Faculty of Medical Sciences, University of Sri Jayewardenepura																					
Origin	Item	Description																					
No.	No.	Com	Ana	Phy	Bio	Ani	Pat	Mic	Par	Stu	Pha	For	Med	Sur	Pea	Obg	Psy	Fam	Edu	Adm	Aud	Lib	Ill
		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
	M-095																						
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	O-017																						

Equipment Distribution List

		Faculty of Medical Sciences, University of Sri Jayewardenepura																					
Origin	Item	Com	Ana	Phy	Bio	Ant	Pat	Mic	Par	Stu	Pha	For	Med	Sur	Pae	Obg	Psy	Fam	Edu	Adm	Aud	Lib	Iti
No.	Description	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan
247	O-018 Dot Matrix Printer 24 Pin	3																					
248	O-019 Photocopying Machine	7																					
249	O-020 Photocopying Machine with sorting unit	1																					
250	O-021 Electronic Duplicating Machine	5																					
250	O-022 Electronic Type Writer with Memory (English)	1																					
251	O-023 Slide Viewer	1																					
253	O-024 Binding Machine (ring binding)																						
254	O-025 Laminating machine																						
255	O-026 Paper Guillotine																						
257	O-027 Epidiascope																						
258	O-028 Dictaphone and Recorders																						
259	O-029 Magboards	1																					
260	O-030 Fax Machines	1																					
261	O-031 Split-Type Airconditioners																						
262	O-032 Dehumidifier																						
263	O-033 Polaroid camera																						
266	O-034 Uninterrupted Power Supply (UPS)	1																					
267	O-035 Stabilizers	5																					
270	O-036 Audio Cassette Player with Speakers																						
275	O-037 Anatomical Models and Simulators Set																						
298	O-038 Maintenance tool set																						
	O-039 Portable generator																						
		10																					

Equipment Distribution List

Original		Colonbo South Teaching Hospital												Phase									
No.	Item No.	Description	O/P	Accel	ICU	Bid	C/Pa	Rad	Reh	Med	OPD	Sug	Sug	Obs	Pa	Dor	Neu	For	Max	Total	Phase		
			Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Qty			
1	L-001	Teaching Microscope with 5 teaching attachment																		1	1	1	
	L-002	CCTV System with 3 monitor, VCR																			1	2	2
	L-003	CCTV System with 4 monitor, VCR																			2	2	2
	L-004	CCTV System with 5 monitor, VCR																			2	2	2
	L-005	CCTV System with 6 monitor, VCR																			1	2	2
3	L-006	Research Microscope, Inocular with CCTV attachment																			6	1	1
4	L-007	Research Microscope (F.L. Ph/C. Pol Attach) with Photo system																			12	1	1
5	L-008	Inverted Tissue Culture Microscope																			8	1	1
6	L-009	Inverted Tissue Culture Research Microscope with CCTV adaptor																			1	1	1
7	L-010	Binocular Microscopes																			114	1	1
8	L-011	Biological Microscope																			40	1	1
9	L-012	Stereoscopic Zoom Microscope																			5	1	1
10	L-013	Double Beam Spectrophotometer, 200-1000nm																			2	2	2
11	L-014	Single Beam, Visible Light Spectrophotometer																			5	2	2
	L-015	Single Beam, Visible Light Spectrophotometer, with auto sampler																			1	1	1
12	L-016	Digital Flame Photometer																			3	2	2
17	L-017	Apparatus for Deionising Water																			5	2	2
18	L-018	Electronic Precision balance (Readability 0.01g)																			7	1	1
19	L-019	Electronic Precision balance (Range 0.01mg-100mg)																			11	1	1
20	L-020	Cryostat with Knife																			2	1	1
21	L-021	Ultralow Freezer (-80C)																			3	2	2
22	L-022	Chest Freezer (-80C)																			5	2	2
23	L-023	Freezers (-30C)																			4	2	2
24	L-024	Refrigerator (Double Door)																			10	2	2
25	L-025	Refrigerator (150L)																			14	2	2
26	L-026	Spark Free Refrigerator (100L)																			1	2	2
27	L-027	Bench Top Cooler upto 2.5C																			2	2	2
	L-028	Blood bank refrigerator																			1	1	1
29	L-029	Ice Flake Maker																			2	2	2
30	L-030	Dewars for Specimen Storage in Liquid N2																			4	2	2
31	L-031	Liquid N2 Storage Vessels (on Stand with Castors)																			4	2	2
	L-032	Liquid N2 Storage Vessels (Portable for transportation)																			1	2	2
32	L-033	Liquid N2 Flasks																			3	2	2
33	L-034	Freeze Dryer																			2	2	2
35	L-035	Vacuum Concentrator																			2	2	2
36	L-036	Incubator (200L, Double Door)																			3	2	2
37	L-037	Incubator (150L)																			14	2	2
38	L-038	Floor Standing Incubators (250L)																			3	2	2
39	L-039	Cold incubators (Temp -20C to 30C), 150L																			3	2	2
41	L-040	CO2 Incubator (150L, 5-50C)																			7	2	2
42	L-041	Safety Cabinet, Class II																			9	2	2
43	L-042	Tissue Culture Glove Box																			1	1	1
44	L-043	Fume Hood (Draft chamber)																			4	2	2
	L-044	Ultracentrifuge, 60000 rpm																			1	1	1
48	L-045	Centrifuge, Refrigerated																			4	1	1
49	L-046	Refrigerated Microtome with Rotors																			3	1	1
50	L-047	Microtome																			6	1	1
51	L-048	Centrifuge, Bench																			16	1	1

Equipment Distribution List

Colonbo South Teaching Hospital																			
Origin Item No.	Description	OP Plan	Acc ICU Plan	Bid Plan	C/Pa th Plan	Rad Plan	Reh Plan	Mod Plan	OPD Uge 1 Plan	Sug 2 Plan	Obs Plan	Pae Plan	Der Plan	Neu For			Total Qty.	Phase	
														Plan	Plan	Plan			Mod
52 L-049	Microtitre Plate Reader																	2	2
53 L-050	Automatic Microtitre Plate Washer																	2	2
54 L-051	Microtitre Plate Shaker																	2	2
55 L-052	Microtitre Plate Incubator																	1	2
56 L-053	Automatic Pipettes Set																	23	1
57 L-054	Multi-channel Pipettes (8 channel) with Stand Set																	9	1
58 L-055	Automatic Volume Dispensers Set																	3	1
59 L-056	Dilutors																	4	2
60 L-057	Test tube Mixers																	9	1
61 L-058	pH Meters																	15	2
62 L-059	Hand held pH Meters																	7	2
63 L-060	Shaking Water Bath																	6	2
64 L-061	Water Bath 12-16L																	17	2
65 L-062	Thermal Cycler																	1	2
66 L-063	UV Transilluminator with Photographic Attachment																	1	2
67 L-064	Electrophoresis Apparatus, Horizontal Gel Tank																	2	2
68 L-065	Mini Gel Apparatus with dryer and stainner																	2	2
69 L-066	Electrophoresis for Protein, Vertical Gel Apparatus																	2	2
L-067	Electrophoresis for Protein with densitometer																	3	1
71 L-068	Transfer Apparatus for Gels																	2	1
72 L-069	Vacuum blotting Apparatus																	1	2
75 L-070	Southern Blot Apparatus																	1	2
76 L-071	Blotting Apparatus (large)																	2	2
79 L-072	Hot Air Oven (250L)																	13	2
80 L-073	Drying Oven (50L)(Ambient-150C)																	2	1
81 L-074	Drying Cabinet for Glassware and Instruments																	9	2
82 L-075	Microwave Oven																	5	2
83 L-076	Dry Block																	5	2
85 L-077	Hot Plate																	5	1
86 L-078	Boiling Sterilizer (100C)																	13	1
87 L-079	Top Loading Autoclave																	9	1
88 L-080	Front Loading Autoclave (50L)																	4	2
89 L-081	Hand Held Short Wave (254nm) UV Light																	3	2
90 L-082	UV-Rays Lamp																	2	1
91 L-083	Orbital Shakers (With Auto Reverse)																	11	2
92 L-084	Rocking Platform with Base																	3	2
95 L-085	Gel Drying Apparatus																	2	2
96 L-086	Reagent Grade Water System																	2	2
97 L-087	Auto(Water) Still																	5	2
98 L-088	Ultrasonic Pipette Washer																	4	2
100 L-089	Washing Machine for Pipettes and Tubes with Brushes																	4	2
101 L-090	Parasite Sonicator																	2	2
102 L-091	Magnetic Stirrer with Hot Plate																	15	1
103 L-092	Vacuum Pump																	5	1
104 L-093	Filter Assembly for Pure water																	2	2
110 L-094	Mixer for Small Container																	1	1
125 L-095	Automatic Body Embalmment System																	2	1
126 L-096	Body Preservation Locker For 10 Bodys																	2	1
127 L-097	Dissecting instrument Set																	10	1

Equipment Distribution List

Origin No.	Item No.	Description	Colonbo South Teaching Hospital										Total		Phase							
			Q/P	Accel	ICU	Bld	C/Pa	Rad	Reh	Mod	OPD	Sug	Sug	Obs		Pae	Der	Neu	For	Max	Q'ty	
			Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan			
	128	L-098	X-ray Film Cabinet																	2	2	
	129	L-099	X-ray Viewer (Large)																		2	2
	130	L-100	X-ray Viewer (Illuminator) - Standard																		18	2
	131	L-101	Portable X-ray Unit																		2	2
	132	L-102	X-ray Accessories																		2	2
	133	L-103	Cassette with intensifying screen																		9	2
	134	L-104	X-ray Protection apron set																		10	2
	135	L-105	Developing Tank																		2	2
	136	L-106	Automated Slide Stainer																		2	2
	137	L-107	Tissue-Tek Embedding Centre																		1	1
	138	L-108	Tissue Processing Machine																		3	1
	139	L-109	Paraffin Trowel																		2	1
	140	L-110	Shaker for Tissue Fixation																		1	1
	141	L-111	Paraffin Oven																		2	1
	142	L-112	Slide Warmer																		7	2
	143	L-113	Microtome with Knives Set																		7	1
	144	L-114	Automatic Microtome Knife Sharpener																		4	1
	145	L-115	Stop Watch/ Clock																		28	1
	146	L-116	Interval Timers																		23	1
	147	L-117	Digital Haemoglobinometer																		1	2
	148	L-118	Haematocrit Centrifuge																		4	1
	149	L-119	Melting Point Apparatus																		1	1
	150	L-120	Disintegration Testing System																		1	1
	151	L-121	Tablet Friability and Friction Tester																		1	1
	152	L-122	Hardness Tester of Tablets																		1	1
	153	L-123	Sieve Shaker																		1	1
	154	L-124	Sieve																		1	1
	155	L-125	Moisture Content Measuring Equipment																		1	1
	156	L-126	Small Grinding Mill																		1	1
	157	L-127	Electric Ball Mill																		1	1
	158	L-128	Mill for Analysis																		1	1
	159	L-129	Oil Bath																		1	1
	160	L-130	Trough																		1	1
	161	L-131	Shaker for Separating Funnel																		1	1
	162	L-132	Mantel Heater																		3	1
	163	L-133	Aspirator																		1	1
	164	L-134	Volt Slider																		1	1
	165	L-135	Electric Furnace																		2	1
	166	L-136	Polarimeter																		1	1
	167	L-137	Refractometer																		1	1
	168	L-138	Colony Counter																		2	2
	169	L-139	Thermal Hygograph, With Recorder																		1	1
	170	L-140	Viscometer																		1	1
	171	L-141	Bone Marrow, Trophine Biopsy Needles																		4	2
	172	L-142	Bone Marrow Aspiration Needles																		3	2
	173	L-143	Rotary inoculator																		1	2
	174	L-144	Fully Automatic, Computer Blood Culture																		1	2
	175	L-145	Blood Cell Counting Chamber (WBC,RBC) with counter																		6	1
	176	L-146	Glassware Set																		14	1

Equipment Distribution List

Original No.		Item No.	Description	Colombo South Teaching Hospital												Total Qty	Phase						
				O/P	Accel ICU	Bld	CrPa	Rad	Reh	Med	OPD Uge	Sug 1	Sug 2	Obs	Pae			Der	Neu	For Med	Max		
		No.		Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan				
	274	L-147	Equipment For Animal House Set																	1	1		
		L-148	Hematological analyzer																			1	
		L-149	Biochemical analyzer																				1
		L-150	Densitometer																				1
		106	M-001 Portable Echocardiograph																				1
		107	M-002 ECG Machine, 3CH																				3
		114	M-003 Hand Grip Dynamometer/Ergograph for Isometric Exercise Testing																				1
		115	M-004 Ultrasonic blood flow detector (Plethysmograph)																				1
		116	M-005 Tilling Table, Manual																				2
		117	M-006 Electroencephalogram																				2
		118	M-007 Electroenceurogram with Visual Evoked Potentials and EIWG																				2
		119	M-008 Penmeter, Goldman																				1
		120	M-009 Audiometer, Screening																				1
		121	M-010 Automated Spirometer																				3
		122	M-011 Treadmill for Exercise Testing																				1
		123	M-012 Stethograph with Blorite																				1
		151	M-013 Blood Gas Analyzer																				1
		153	M-014 Silicon Resuscitation Bags							4													21
		154	M-015 Length Scale																				12
		155	M-016 Instrument Tray Table with Castors																				19
		156	M-017 Examination Table																				15
		158	M-018 Infant Length Scale																				2
		159	M-019 Electronic Weighing Scale																				15
		160	M-020 Infant Weighing Scale																				3
		161	M-021 Diagnostic Sets (Auroscope & Ophthalmoscope)																				25
		162	M-022 Skinfold Thickness Calipers							4													2
		163	M-023 Bilirubin Analyzer																				1
		164	M-024 Hysteroscope with Resection Equipment																				1
		165	M-025 Colposcope																				1
		166	M-026 Cry-cautery																				1
		167	M-027 Laparoscope with Video Unit																				1
		168	M-028 Bipolar Diathermy																				1
		169	M-029 Doppler Fetal Heart Monitor (Portable)																				5
		170	M-030 Cardio-toco-graph																				3
		171	M-031 Ultrasound Machine with Color Doppler																				1
		172	M-032 Video Endoscopy System																				1
		173	M-033 Gastrointestinal Fiberscope, Neonatal																				1
		209	M-034 Ophthalmoscope																				9
		210	M-035 Defibrillator with monitor																				6
		212	M-036 Pulse Oximeter																				3
		213	M-037 Infusion Pump																				16
		215	M-038 Patient monitor (ECG and BP)																				13
		217	M-039 Examination Bed For Gynecology																				9
		218	M-040 Surgical Bed for Minor Surgery, Manual																				5
		219	M-041 Small Operating Theatre Lamp Mobile																				1
		220	M-042 Hand Lamp																				8
		221	M-043 Angle Poised Lamp																				1
		222	M-044 Diagnostic Set For Community and Family Medicine																				3
		224	M-045 Proctoscope with Light Source																				1

Equipment Distribution List

Colonbo South Teaching Hospital												Phase																		
Origin	Item No.	Description	OP			Acci			ICU				Bld	C/Pa th	Rad	Reh	Med	OPD		Sug	Sug	Obs	Pae	Der	Nou	For	Max	Total Qty		
			Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan							Plan	Plan										Plan	Plan
	225 M-046	Suction unit					2											4	1	2	2	2	2					1	28	
	226 M-047	Nebuliser																	2	1	2	2	2	2					1	16
	228 M-048	Electric Caution For Skin						1											2	1	1	1	1	1					5	5
	229 M-049	Infra Red Lamp																	1	1	1	1	1	1					1	1
	277 M-050	Phototherapy Unit																	4	2	2	2	2	1					3	3
	279 M-051	Syringe Infusion Pumps						4											2	2	2	2	2	1					19	19
	280 M-052	Infant Resuscitator and Accessories																											1	1
	281 M-053	Infant Transport Incubators																											2	2
	282 M-054	Oxygen Hood																											2	2
	285 M-055	Apnea Monitor																											2	2
	286 M-056	Infant Examination Table																											2	2
	287 M-057	Infant Pressure Cycled Ventilator						1																					2	2
	288 M-058	Oxygen Analyzer																											2	2
	290 M-059	Liver & Kidney biopsy set																											2	2
	291 M-060	Mini-bus, 20 to 30 sheets capacity																											2	2
	293 M-061	Diagnostic set for Psychiatry																											1	1
	294 M-062	Diagnostic set for Surgery																											1	1
	295 M-063	Diagnostic set for Medicine																											1	1
	296 M-064	Diagnostic set for Paediatrics																											1	1
	297 M-065	Diagnostic set for Obstetrics & Gynecology																											3	3
	298 M-066	Autoclave, 150L						2																					2	2
	M-067	Linen washing and dryer						1																					1	1
	M-068	Nerve stimulator						1																					1	1
	M-069	Autoclave high speed						3																					4	4
	M-070	Surgical instrument set for abdominal						2																					2	2
	M-071	Surgical instrument set for Chest						2																					2	2
	M-072	Surgical instrument set for Gastroctomy						2																					2	2
	M-073	Universal Operation table with orthopedics accessory						1																					2	2
	M-074	Plaster table						1																					1	1
	M-075	Air tourniquets, adult & child						1																					1	1
	M-076	Surgical instrument set for tracheotomy						1																					1	1
	M-077	Surgical instrument set for plaster cutting						1																					1	1
	M-078	Surgical instrument set for emergency open chest						1																					1	1
	M-079	Surgical instrument set for Bone fracture						1																					1	1
	M-080	Bone drill set						1																					1	1
	M-081	Ventilator with EndCO2, O2 Analyzer						5																					3	3
	M-082	ICU bed for adult						1																					5	5
	M-083	ICU bed for infant						1																					1	1
	M-084	Sphygmomanometer wall type						6																					6	6
	M-085	Respirometer						1																					3	3
	M-086	Central monitor						1																					1	1
	M-087	Patient monitor						6																					6	6
	M-088	Instrument cabinet						1																					2	2
	M-089	Stretcher with IV, Oxygen						3																					4	4
	M-090	X-ray fluoroscopic with bucky stand						1																					1	1
	M-091	Film processor						1																					1	1
	M-092	X-ray unit for simple tomography						1																					1	1
	M-093	X-ray unit for mammography						1																					1	1
	M-094	X-ray film viewer, 12 film						1																					1	1

Equipment Distribution List

Origin No.	Item No.	Description	Colonbo South Teaching Hospital																		Total Qty	Phase			
			O/P	Acci	ICU	Bid	C/PA	Rad	Reh	Med	OPD	Sug	Sug	Obs	Pae	Dor	Neu	For	Max						
			Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan						
	M-095	X-ray protector for Thyroid																					3	1	
	M-096	X-ray protective glove																						3	1
	M-097	X-ray protective glass																						2	1
	M-098	X-ray protective curtain, 50m2																						3	1
	M-099	Electrical stimulator																						1	1
	M-100	Traction bed																						1	1
	M-101	Muscle stimulator																						1	1
	M-102	Treatment bed																						1	1
	M-103	External heart pacing equipment																						1	1
	M-104	Vacuum pump for intercostal tube removal																						1	1
	M-105	Magill forceps																						2	2
	M-106	Laryngoscope, matchintosh																						4	1
	M-107	Peak flow meter																						4	1
	M-108	Rigid cystoscope for adult																						1	1
	M-109	Broncho fibroscope with biopsy for adult dia. 5mm, 90cm																						1	1
	M-110	Surgical instrument set for miner operation																						2	2
	M-111	Wheel chair																						2	2
	M-112	Vacuums extractor																						2	2
	M-113	Laparoscope, operative																						1	1
	M-114	Surgical instrument set for vaginal delivery																						2	2
	M-115	Surgical instrument set for hysterectomy																						2	2
	M-116	Surgical instrument set for Cesarean																						2	2
	M-117	Emergency Cart with resuscitation set																						2	1
	M-118	Cryosurgery unit																						1	1
	M-119	Punch biopsy set, metal																						1	1
	M-120	Working frame																						2	2
	M-121	Dental unit																						2	2
	M-122	Light cure unit																						2	2
	M-123	Maxillo-facial plate fixing instrument set																						1	1
	M-124	Dental drill set																						2	2
	M-125	Dental scale remover																						2	2
	M-126	Surgical instrument for maxillo-facial																						1	1
	230	O-001 Camera Set																						1	1
	231	O-002 Illustration Making Set																						1	1
	232	O-003 Magnifying Glass with Handle (Hand Type)																						1	1
	233	O-004 Teaching Video Making Set																						1	1
	234	O-005 Computer Facility for Slide Making																						1	1
	235	O-006 Audio Visual Set For Auditorium																						2	2
	236	O-007 Observation TV and Camera Set With VCR																						2	2
	237	O-008 Educational TV and VCR Set																						5	5
	238	O-009 Slide Projector																						5	5
	239	O-010 Overhead Projector																						5	5
	240	O-011 Projector Screens																						5	5
	241	O-012 Laptop Computer																						7	7
	242	O-013 Color Video Projector																						1	1
	243	O-014 Laser Pointer																						7	7
	244	O-015 Desk Top Computer Set																						28	28
	245	O-016 Laser Printer																						18	18
	246	O-017 Bubble Jet Color printer																						2	2

Equipment Distribution List

		Colonbo South Teaching Hospital																																
Origin No.	Item No.	Description	O/P		Accl		ICU		Bid		C/Pa		Rac		Reh		Med		OPD		Sug		Sug		Dor		Nou		For		Max		Total Qty	Phase
			Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan		
247	O-018	Dot Matrix Printer 24 Pin																															3	1
248	O-019	Photocopying Machine																															7	1
249	O-020	Photocopying Machine with sorting unit																															1	1
249	O-021	Electronic Duplicating Machine																															5	1
250	O-022	Electronic Type Writer with Memory (English)																															15	1
251	O-023	Slide Viewer																															6	1
253	O-024	Binding Machine(ring binding)																															1	1
254	O-025	Laminating machine																															1	1
255	O-026	Paper Guillotine																															6	1
257	O-027	Epidiascope																															5	1
258	O-028	Dictaphone and Recorders																															6	1
259	O-029	Magboards																															28	1
260	O-030	Fax Machines																															1	1
261	O-031	Split-Type Airconditioners																															2	2
262	O-032	Dehumidifier																															10	1
263	O-033	Polaroid camera																															2	2
266	O-034	Uninterrupted Power Supply (UPS)																															49	1
267	O-035	Stabilizers																															94	1
270	O-036	Audio Cassette Player with Speakers																															1	1
275	O-037	Anatomical Models and Simulators Set																															1	1
298	O-038	Maintenance tool set																															1	1
	O-039	Portable generator																															10	1

5. Equipment List by Department

Equipment List by Department

Common Items among the Department				
Original	Item	Description	Com	Phase
No.	No.		Plan	
10	L-013	Double Beam Spectrophotometer,200-1000nm	2	2
12	L-016	Digital Flame Photometer	2	2
29	L-029	Ice Flake Maker	2	2
33	L-034	Freeze Dryer	1	2
	L-044	Ultracentrifuge, 60000 rpm	1	2
48	L-045	Centrifuge, Refrigerated	1	1
49	L-046	Refrigerated Microfuge with Rotors	1	1
50	L-047	Microfuge	1	1
59	L-056	Dilutors	2	2
97	L-087	Auto(Water) Still	1	2
151	M-013	Blood Gas Analyzer	1	1
167	M-027	Laparoscope with Video Unit	1	1
171	M-031	Ultrasound Machine with Color Doppler	1	1
172	M-032	Video Endoscopy System	1	1
173	M-033	Gastrointestinal Fiberscope, Neonatal	1	1
237	O-008	Educational TV and VCR Set	5	1
238	O-009	Slide Projector	5	1
239	O-010	Overhead Projector	5	1
240	O-011	Projector Screens	5	1
241	O-012	Laptop Computer	5	1
242	O-013	Color Video Projector	1	2
246	O-017	Bubble Jet Color printer	2	1
247	O-018	Dot Matrix Printer 24 Pin	3	1
248	O-019	Photocopying Machine	7	1
	O-020	Photocopying Machine with sorting unit	1	1
249	O-021	Electronic Duplicating Machine	5	1
260	O-030	Fax Machines	1	1
266	O-034	Uninterrupted Power Supply (UPS)	1	1
267	O-035	Stabilizers	5	1
	O-039	Portable generator	10	1

Equipment List by Department

Department of Anatomy				
Original	Item	Description	Ana	Phase
No.	No.		Plan	
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	3	1
5	L-008	Inverted Tissue Culture Microscope	1	1
8	L-011	Biological Microscope	40	1
9	L-012	Stereoscopic Zoom Microscope	1	1
25	L-025	Refrigerator (150L)	2	2
37	L-037	Incubator (150L)	1	2
43	L-042	Tissue Culture Glove Box	1	1
51	L-048	Centrifuge, Bench	1	1
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
125	L-095	Automatic Body Embalment System	1	1
126	L-096	Body Preservation Locker For 10 Bodys	2	1
127	L-097	Dissecting Instrument Set	2	1
128	L-098	X-ray Film Cabinet	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	1	2
131	L-101	Portable X-ray Unit	1	2
132	L-102	X-ray Accessories	1	2
133	L-103	Cassette with intensifying screen	6	2
135	L-105	Developing Tank	1	2
144	L-113	Microtome with Knives Set	2	1
145	L-114	Automatic Microtome Knife Sharpener	1	1
146	L-115	Stop Watch/ Clock	2	1
147	L-116	Interval Timers	1	1
230	O-001	Camera Set	1	1
243	O-014	Laser Pointer	2	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
251	O-023	Slide Viewer	1	1
259	O-029	Magiboards	1	1
262	O-032	Dehumidifier	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1
273	L-146	Glassware Set	1	1
	L-005	CCTV System with 6 monitor, VCR	1	2
	L-104	X-ray Protection apron set	3	2

Equipment List by Department

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

Equipment List by Department

Department of Biochemistry					
Animal House					
Original	Item	Description	Bio	Ani	Phase
No.	No.		Plan	Plan	
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	1		1
5	L-008	Inverted Tissue Culture Microscope	1		1
7	L-010	Binocular Microscopes	1		1
	L-015	Single Beam, Visible Light Spectrophotometer, with auto sampler	1		1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1		1
22	L-022	Chest Freezer (-80C)	1		2
25	L-025	Refrigerator (150L)	1		2
33	L-034	Freeze Dryer	1		2
35	L-035	Vacuum Concentrator	1		2
41	L-040	CO2 Incubator (150L;5-50C)	1		2
50	L-047	Microfuge	1		1
51	L-048	Centrifuge, Bench	1		1
56	L-053	Automatic Pipettes Set	1		1
61	L-058	pH Meters	1		2
63	L-060	Shaking Water Bath	1		2
68	L-065	Mini Gel Apparatus with dryer and stainer	1		2
	L-067	Electrophoresis for Protein with densitometer	1		1
71	L-068	Transfer Apparatus for Gels	1		1
82	L-075	Microwave Oven	1		2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	1		2
101	L-090	Parasite Sonicator	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
273	L-146	Glassware Set	1		1
230	O-001	Camera Set	1		1
244	O-015	Desk Top Computer Set	1		1
245	O-016	Laser Printer	1		1
259	O-029	Magiboards	1		1
266	O-034	Uninterrupted Power Supply (UPS)	2		1
267	O-035	Stabilizers	4		1
274	L-147	Equipment For Animal House Set		1	1

Equipment List by Department

Department of Pathology				
Original	Item	Description	Pat	Phase
No.	No.		Plan	
1	L-001	Teaching Microscope with 5 teaching attachment	1	1
	L-004	CCTV System with 5 monitor, VCR	1	2
3	L-006	Research Microscope, trinocular with CCTV attachment	1	1
4	L-007	Research Microscope(FL, Ph/C, Poi Attach) with Photo system	3	1
5	L-008	Inverted Tissue Culture Microscope	1	1
7	L-010	Binocular Microscopes	40	1
9	L-012	Stereoscopic Zoom Microscope	1	1
11	L-014	Single Beam, Visible Light Spectrophotometer	1	2
17	L-017	Apparatus for Deionising Water	1	2
18	L-018	Electronic Precision balance (Readability 0.01g)	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
20	L-020	Cryostat with Knife	1	1
22	L-022	Chest Freezer (-80C)	1	2
25	L-025	Refrigerator (150L)	1	2
37	L-037	Incubator (150L)	1	2
44	L-043	Fume Hood(Draft chamber)	1	2
50	L-047	Microfuge	1	1
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	4	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	2	1
60	L-057	Test tube Mixers	1	1
61	L-058	pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
	L-067	Electrophoresis for Protein with densitometer	1	1
79	L-072	Hot Air Oven (250L)	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
82	L-075	Microwave Oven	1	2
86	L-078	Boiling Sterilizer (100C)	1	1
88	L-080	Front Loading Autoclave (50L)	1	2
91	L-083	Orbital Shakers (With Auto Veverse)	2	2
92	L-084	Rocking Platform with Base	1	2
98	L-088	Ultrasonic Pipette Washer	1	2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	1	2
102	L-091	Magnetic Stirrer with Hot Plate	2	1
110	L-094	Mixer for Small Container	2	1
127	L-097	Dissecting Instrument Set	2	1
136	L-106	Automated Slide Stainer	1	1
137	L-107	Tissue-Tek Embedding Centre	1	1
138	L-108	Tissue Precessing Machine	1	1
139	L-109	Paraffin Trowel	1	1
141	L-111	Paraffin Oven	1	1
142	L-112	Slide Warmer	3	2
144	L-113	Microtome with Knives Set	2	1
145	L-114	Automatic Microtome Knife Sharpener	1	1
146	L-115	Stop Watch/ Clock	4	1
147	L-116	Interval Timers	4	1
150	L-117	Digital Haemoglobinometer	1	2
264	L-141	Bone Marrow Trepine Biopsy Needles	3	2
265	L-142	Bone Marrow Aspiration Needles	3	2
272	L-145	Blood Cell Counting Chamber (WBC,RBC) with counter	1	1
273	L-146	Glassware Set	1	1
290	M-059	Liver & Kidney biopsy set	1	1
230	O-001	Camera Set	1	1

Equipment List by Department

Department of Pathology				
Original	Item	Description	Pat	Phase
No.	No.		Plan	
232	O-003	Magnifying Glass with Handle (Hand Type)	4	1
243	O-014	Laser Pointer	1	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
251	O-023	Slide Viewer	1	1
255	O-026	Paper Guillotine	1	1
257	O-027	Epidiascope	1	1
258	O-028	Dictaphone and Recorders	1	1
259	O-029	Magiboards	3	1
262	O-032	Dehumidifier	1	1
263	O-033	Polaroid camera	1	2
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Microbiology				
Original	Item	Description	Mic	Phase
No.	No.		Plan	
	L-003	CCTV System with 4 monitor, VCR	1	2
3	L-006	Research Microscope, trinocular with CCTV attachment	1	1
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	2	1
5	L-008	Inverted Tissue Culture Microscope	4	1
6	L-009	Inverted Tissue Coulture Research Microscope with CCVT adaptor	1	1
7	L-010	Binocular Microscopes	15	1
11	L-014	Single Beam, Visible Light Spectrophotometer	1	2
17	L-017	Apparatus for Deionising Water	2	2
18	L-018	Electronic Precision balance (Readability 0.01g)	2	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
21	L-021	Ultralow Freezer (-80C)	1	2
22	L-022	Chest Freezer (-80C)	2	2
23	L-023	Freezers (-30C)	1	2
24	L-024	Refrigerator (Double Door)	1	2
25	L-025	Refrigerator (150L)	1	2
26	L-026	Spark Free Refrigerator (100L)	1	2
27	L-027	Bench Top Cooler upto 2.5C	2	2
30	L-030	Dewars for Specimen Storage in Liquid N2	3	2
31	L-031	Liquid N2 Storage Vessels (on Stand with Castors)	2	2
32	L-033	Liquid N2 Flasks	2	2
35	L-035	Vacuum Concentrator	1	2
36	L-036	Incubator (200L, Double Door)	2	2
37	L-037	Incubator (150L)	4	2
39	L-039	Cold Incubators (Temp -20C to 30C), 150L	3	2
41	L-040	CO2 Incubator (150L;5-50C)	3	2
42	L-041	Safety Cabinet, Class II	8	2
44	L-043	Fume Hood(Draft chamber)	1	2
48	L-045	Centrifuge, Refrigerated	2	1
49	L-046	Refrigerated Microfuge with Rotors	2	1
50	L-047	Microfuge	1	1
51	L-048	Centrifuge, Bench	3	1
52	L-049	Microtitre Plate Reader	1	2
53	L-050	Automatic Microtitre Plate Washer	1	2
54	L-051	Microtitre Plate Shaker	1	2
55	L-052	Microtitre Plate Incubator	1	2
56	L-053	Automatic Pipettes Set	6	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	4	1
58	L-055	Automatic Volume Dispensers Set	2	1
60	L-057	Test tube Mixers	5	1
61	L-058	pH Meters	2	2
62	L-059	Hand held pH Meters	4	2
63	L-060	Shaking Water Bath	2	2
64	L-061	Water Bath 12-16L	5	2
65	L-062	Thermal Cycler	1	2
66	L-063	UV Transilluminator with Photographic Attachment	1	2
67	L-064	Electrophoresis Apparatus, Horizontal Gel Tank	2	2
68	L-065	Mini Gel Apparatus with dryer and stainer	1	2
69	L-066	Electrophoresis for Protein, Verticle Gel Apparatus	1	2
71	L-068	Transfer Apparatus for Gels	1	1
72	L-069	Vacuum blotting Apparatus	1	2
75	L-070	Southern Blot Apparatus	1	2
76	L-071	Blotting Apparatus (large)	1	2
79	L-072	Hot Air Oven (250L)	1	2

Equipment List by Department

Department of Microbiology				
Original	Item	Description	Mic	Phase
No.	No.		Plan	
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
82	L-075	Microwave Oven	2	2
83	L-076	Dry Block	2	2
86	L-078	Boiling Sterilizer (100C)	1	1
87	L-079	Top Loading Autoclave	3	1
88	L-080	Front Loading Autoclave (50L)	2	2
89	L-081	Hand Held Short Wave (254nm) UV Light	1	2
91	L-083	Orbital Shakers (With Auto Reverse)	3	2
92	L-084	Rocking Platform with Base	2	2
95	L-085	Gel Drying Apparatus	1	2
96	L-086	Reagent Grade Water System	1	2
97	L-087	Auto(Water) Still	1	2
98	L-088	Ultrasonic Pipette Washer	1	2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	1	2
102	L-091	Magnetic Stirrer with Hot Plate	4	1
104	L-093	Filter Assembly for Pure water	2	2
127	L-097	Dissecting Instrument Set	2	1
128	L-098	X-ray Film Cabinet	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	1	2
132	L-102	X-ray Accessories	1	2
133	L-103	Cassette with intensifying screen	3	2
	L-104	X-ray Protection apron set	3	2
135	L-105	Developing Tank	1	2
142	L-112	Slide Warmer	4	2
146	L-115	Stop Watch/ Clock	2	1
147	L-116	Interval Timers	4	1
196	L-138	Colony Counter	1	2
269	L-143	Rotary Innoculator	1	2
271	L-144	Fully Automatic, Computer Blood Culture	1	2
273	L-146	Glassware Set	1	1
230	O-001	Camera Set	1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	2	1
243	O-014	Laser Pointer	2	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
251	O-023	Slide Viewer	1	1
255	O-026	Paper Guillotine	1	1
257	O-027	Epidiascope	1	1
259	O-029	Magiboards	3	1
262	O-032	Dehumidifier	2	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	8	1

Equipment List by Department

Department of Parasitology				
Original	Item	Description	Par	Phase
No.	No.		Plan	
	L-002	CCTV System with 3 monitor, VCR	1	2
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	2	1
5	L-008	Inverted Tissue Culture Microscope	1	1
7	L-010	Binocular Microscopes	10	1
9	L-012	Stereoscopic Zoom Microscope	2	1
17	L-017	Apparatus for Deionising Water	1	2
18	L-018	Electronic Precision balance (Readability 0.01g)	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
22	L-022	Chest Freezer (-80C)	1	2
23	L-023	Freezers (-30C)	2	2
24	L-024	Refrigerator (Double Door)	2	2
25	L-025	Refrigerator (150L)	1	2
30	L-030	Dewars for Specimen Storage in Liquid N2	1	2
31	L-031	Liquid N2 Storage Vessels (on Stand with Castors)	2	2
32	L-033	Liquid N2 Flasks	1	2
37	L-037	Incubator (150L)	1	2
38	L-038	Floor Standing Incubators (250L)	1	2
41	L-040	CO2 Incubator (150L;5-50C)	1	2
42	L-041	Safety Cabinet, Class II	1	2
44	L-043	Fume Hood(Draft chamber)	1	2
50	L-047	Microfuge	1	1
51	L-048	Centrifuge, Bench	1	1
52	L-049	Microlitre Plate Reader	1	2
53	L-050	Automatic Microlitre Plate Washer	1	2
54	L-051	Microlitre Plate Shaker	1	2
56	L-053	Automatic Pipettes Set	3	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	2	1
60	L-057	Test tube Mixers	1	1
61	L-058	pH Meters	1	2
62	L-059	Hand held pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
69	L-066	Electrophoresis for Protein, Verticle Gel Apparatus	1	2
76	L-071	Blotting Apparatus (large)	1	2
79	L-072	Hot Air Oven (250L)	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
82	L-075	Microwave Oven	1	2
86	L-078	Boiling Sterilizer (100C)	1	1
87	L-079	Top Loading Autoclave	1	1
88	L-080	Front Loading Autoclave (50L)	1	2
90	L-082	UV-Rays Lamp	1	1
95	L-085	Gel Drying Apparatus	1	2
97	L-087	Auto(Water) Still	1	2
98	L-088	Ultrasonic Pipette Washer	1	2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	1	2
101	L-090	Parasite Sonicator	1	2
102	L-091	Magnetic Stirrer with Hot Plate	2	1
146	L-115	Stop Watch/ Clock	2	1
147	L-116	Interval Timers	2	1
273	L-146	Glassware Set	1	1
230	O-001	Camera Set	1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	4	1
243	O-014	Laser Pointer	2	1
244	O-015	Desk Top Computer Set	1	1

Equipment List by Department

Department of Parasitology				
Original	Item	Description	Par	Phase
No.	No.		Plan	
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
251	O-023	Slide Viewer	1	1
257	O-027	Epidiascope	1	1
259	O-029	Magiboards	3	1
262	O-032	Dehumidifier	2	1
263	O-033	Polaroid camera	1	2
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

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

Equipment List by Department

Department of Pharmacology				
Original	Item	Description	Pha	Phase
No.	No.		Plan	
7	L-010	Binocular Microscopes	1	1
17	L-017	Apparatus for Deionising Water	1	2
18	L-018	Electronic Precision balance (Readability 0.01g)	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
21	L-021	Ultralow Freezer (-80C)	1	2
	L-032	Liquid N2 Storage Vessels (Portable for transportation)	1	2
37	L-037	incubator (150L)	1	2
44	L-043	Fume Hood(Draft chamber)	1	2
56	L-053	Automatic Pipettes Set	1	1
57	L-054	Multi-channel Pipettes (8 channel) with Stand Set	1	1
60	L-057	Test tube Mixers	1	1
61	L-058	pH Meters	3	2
62	L-059	Hand held pH Meters	1	2
64	L-061	Water Bath 12-16L	2	2
79	L-072	Hot Air Oven (250L)	1	2
80	L-073	Drying Oven (50L)(Ambient-150C)	1	1
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
86	L-078	Boiling Sterilizer (100C)	1	1
87	L-079	Top Loading Autoclave	1	1
90	L-082	UV-Rays Lamp	1	1
91	L-083	Orbital Shakers (With Auto Veverse)	2	2
97	L-087	Auto(Water) Still	1	2
98	L-088	Ultrasonic Pipette Washer	1	2
102	L-091	Magnetic Stirrer with Hot Plate	3	1
103	L-092	Vacuum Pump	4	1
110	L-094	Mixer for Small Container	10	1
174	L-119	Melting Point Apparatus	1	1
175	L-120	Disintegration Testing System	1	1
176	L-121	Tablet Friability and Friction Tester	1	1
177	L-122	Hardness Tester of Tablets	1	1
178	L-123	Sieve Shaker	1	1
179	L-124	Sieve	1	1
180	L-125	Moisture Content Measuring Equipment	1	1
181	L-126	Small Grinding Mill	1	1
182	L-127	Electric Ball Mill	1	1
183	L-128	Mill for Analysis	1	1
184	L-129	Oil Bath	1	1
185	L-130	Trough	1	1
186	L-131	Shaker for Separating Funnel	1	1
188	L-132	Mantel Heater	1	1
189	L-133	Aspirator	1	1
190	L-134	Volt Slider	1	1
192	L-135	Electric Furnace	1	1
193	L-136	Polarimeter	1	1
194	L-137	Refractometer	1	1
196	L-138	Colony Counter	1	2
197	L-139	Thermal Hygrograph, With Recorder	1	1
208	L-140	Viscometer	1	1
273	L-146	Glassware Set	1	1
230	O-001	Camera Set	1	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
259	O-029	Magiboards	1	1

Equipment List by Department

Department of Pharmacology				
Original	Item	Description	Pha	Phase
No.	No.		Plan	
262	O-032	Dehumidifier	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Forensic Medicine

Original	Item	Description	For	Phase
No.	No.		Plan	
	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	4	1
9	L-012	Stereoscopic Zoom Microscope	1	1
20	L-020	Cryostat with Knife	1	1
23	L-023	Freezers (-30C)	1	2
25	L-025	Refrigerator (150L)	2	2
37	L-037	Incubator (150L)	1	2
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	1	1
58	L-055	Automatic Volume Dispensers Set	1	1
60	L-057	Test tube Mixers	1	1
61	L-058	pH Meters	1	2
62	L-059	Hand held pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
80	L-073	Drying Oven (50L)(Ambient-150C)	1	1
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
85	L-077	Hot Plate	1	1
86	L-078	Boiling Sterilizer (100C)	1	1
87	L-079	Top Loading Autoclave	1	1
97	L-087	Auto(Water) Still	1	2
102	L-091	Magnetic Stirrer with Hot Plate	1	1
103	L-092	Vacuum Pump	1	1
127	L-097	Dissecting Instrument Set	4	1
129	L-099	X-ray Viewer (Large)	1	2
138	L-108	Tissue Processing Machine	1	1
139	L-109	Paraffin Trowel	1	1
140	L-110	Shaker for Tissue Fixation	1	1
141	L-111	Paraffin Oven	1	1
144	L-113	Microtome with Knives Set	2	1
145	L-114	Automatic Microtome Knife Sharpener	1	1
146	L-115	Stop Watch/ Clock	4	1
147	L-116	Interval Timers	2	1
273	L-146	Glassware Set	1	1
230	O-001	Camera Set	1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	4	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
251	O-023	Slide Viewer	1	1
255	O-026	Paper Guillotine	1	1
257	O-027	Epidiastroscope	1	1
259	O-029	Magiboards	1	1
262	O-032	Dehumidifier	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Medicine				
Original	Item	Description	Med	Phase
No.	No.		Plan	
7	L-010	Binocular Microscopes	1	1
18	L-018	Electronic Precision balance (Readability 0.01g)	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
25	L-025	Refrigerator (150L)	1	2
37	L-037	Incubator (150L)	1	2
41	L-040	CO2 Incubator (150L;5-50C)	1	2
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	1	1
61	L-058	pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
85	L-077	Hot Plate	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	2	2
146	L-115	Stop Watch/ Clock	2	1
273	L-146	Glassware Set	1	1
106	M-001	Portable Echocardiograph	1	1
107	M-002	ECG Machine, 3CH	1	1
117	M-006	Electroencephalogram	1	1
118	M-007	Electroneurogram with Visual Evoked Potentials and EMG	1	1
121	M-010	Automated Spirometer	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
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	Defibrilator with monitor	1	1
212	M-036	Pulse Oximeter	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
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
295	M-063	Diagnostic set for Medicine	1	1
230	O-001	Camera Set	1	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
258	O-028	Dictaphone and Recorders	1	1
259	O-029	Magiboards	1	1
262	O-032	Dehumidifier	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Surgery				
Original	Item	Description	Sur	Phase
No.	No.		Plan	
7	L-010	Binocular Microscopes	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
25	L-025	Refrigerator (150L)	1	2
37	L-037	Incubator (150L)	1	2
41	L-040	CO2 Incubator (150L;5-50C)	1	2
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	1	1
61	L-058	pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
85	L-077	Hot Plate	1	1
91	L-083	Orbital Shakers (With Auto Veverse)	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	2	2
146	L-115	Stop Watch/ Clock	2	1
273	L-146	Glassware Set	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
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	Defibrilator 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
294	M-062	Diagnostic set for Surgery	1	1
230	O-001	Camera Set	1	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
258	O-028	Dictaphone and Recorders	1	1
259	O-029	Magiboards	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Paediatrics				
Original	Item	Description	Paed	Phase
No.	No.		Plan	
7	L-010	Binocular Microscopes	1	1
11	L-014	Single Beam, Visible Light Spectrophotometer	1	2
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
25	L-025	Refrigerator (150L)	1	2
37	L-037	Incubator (150L)	1	2
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	1	1
61	L-058	pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
85	L-077	Hot Plate	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	2	2
146	L-115	Stop Watch/ Clock	2	1
152	L-118	Haematocrit Centrifuge	1	1
273	L-146	Glassware Set	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
158	M-018	Infant Length Scale	2	1
159	M-019	Electronic Weighing Scale	2	1
160	M-020	Infant Weighing Scale	2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)	3	1
162	M-022	Skinfold Thickness Calipers	2	1
163	M-023	Bilirubin Analyzer	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
277	M-050	Phototherapy Unit	3	1
279	M-051	Syringe Infusion Pumps	3	1
280	M-052	Infant Resuscitator and Accessories	1	1
281	M-053	Infant Transport Incubators	2	1
282	M-054	Oxygen Hood	2	1
285	M-055	Apnea Monitor	2	1
286	M-056	Infant Examination Table	2	1
287	M-057	Infant Pressure Cycled Ventilator	2	1
288	M-058	Oxygen Analyzer	2	1
290	M-059	Liver & Kidney biopsy set	1	1
296	M-064	Diagnostic set for Paediatrics	1	1
230	O-001	Camera Set	1	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
251	O-023	Slide Viewer	1	1
257	O-027	Epidiascope	1	1

Equipment List by Department

Department of Paediatrics				
Original	Item	Description	Pae	Phase
No.	No.		Plan	
258	O-028	Dictaphone and Recorders	1	1
259	O-029	Magiboards	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Obstetrics and Gynaecology				
Original	Item	Description	Obg	Phase
No.	No.		Plan	
7	L-010	Binocular Microscopes	1	1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	1	1
25	L-025	Refrigerator (150L)	1	2
37	L-037	Incubator (150L)	1	2
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	1	1
61	L-058	pH Meters	1	2
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
81	L-074	Drying Cabinet for Glassware and Instruments	1	2
85	L-077	Hot Plate	1	1
91	L-083	Orbital Shakers (With Auto Reverse)	1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	2	2
146	L-115	Stop Watch/ Clock	2	1
273	L-146	Glassware Set	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
159	M-019	Electronic Weighing Scale	2	1
161	M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)	2	1
164	M-024	Hysteroscope with Resection Equipment	1	1
165	M-025	Colposcope	1	1
166	M-026	Cryo-cautary	1	1
168	M-028	Bipolar Diathermy	1	1
169	M-029	Doppler Fetal Heart Monitor (Portable)	3	1
170	M-030	Cardio-toco-graph	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
297	M-065	Diagnostic set for Obstetrics & Gynecology	1	1
230	O-001	Camera Set	1	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
258	O-028	Dictaphone and Recorders	1	1
259	O-029	Magiboards	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Psychiatry				
Original	Item	Description	Psy	Phase
No.	No.		Plan	
25	L-025	Refrigerator (150L)	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	1	1
221	M-043	Angle Poised Lamp	1	1
293	M-061	Diagnostic set for Psychiatry	1	1
230	O-001	Camera Set	1	1
236	O-007	Observation TV and Camera Set With VCR	1	2
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1
258	O-028	Dictaphone and Recorders	1	1
259	O-029	Magiboards	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Family Medicine and Community Medicine				
Original	Item	Description	Fam	Phase
No.	No.		Plan	
7	L-010	Binocular Microscopes	2	1
11	L-014	Single Beam, Visible Light Spectrophotometer	1	2
24	L-024	Refrigerator (Double Door)	2	2
51	L-048	Centrifuge, Bench	1	1
56	L-053	Automatic Pipettes Set	1	1
64	L-061	Water Bath 12-16L	1	2
79	L-072	Hot Air Oven (250L)	1	2
86	L-078	Boiling Sterilizer (100C)	1	1
87	L-079	Top Loading Autoclave	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	1	1
272	L-145	Blood Cell Counting Chamber (WBC,RBC) with counter	5	1
273	L-146	Glassware Set	1	1
153	M-014	Silicon Resuscitation Bags	2	1
155	M-016	Instrument Tray Table with Castors	4	1
156	M-017	Examination Table	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	1	1
218	M-040	Surgical Bed for Minor Surgery, Manual	1	1
219	M-041	Small Operating Theatre Lamp Mobile	1	1
220	M-042	Hand Lamp	4	1
221	M-043	Angle Poised Lamp	2	1
222	M-044	Diagnostic Set For Community and Family Medicine	3	1
224	M-045	Proctoscope with Light Source	1	1
225	M-046	Suction unit	1	1
226	M-047	Nebuliser	1	1
228	M-048	Electric Cautery For Skin	1	1
229	M-049	Infra Red Lamp	1	1
291	M-060	Mini-bus, 20 to 30 sheets capacity	1	1
230	O-001	Camera Set	1	1
236	O-007	Observation TV and Camera Set With VCR	1	2
241	O-012	Laptop Computer	2	1
244	O-015	Desk Top Computer Set	1	1
245	O-016	Laser Printer	1	1
259	O-029	Magiboards	1	1
266	O-034	Uninterrupted Power Supply (UPS)	2	1
267	O-035	Stabilizers	4	1

Equipment List by Department

Department of Medical Education and Health Sciences						
Administration						
Auditorium						
Origin at	Item	Description	Edu	Adm	Aud	Phase
No.	No.		Plan	Plan	Plan	
235	O-006	Audio Visual Set For Auditorium			1	2
244	O-015	Desk Top Computer Set		3		1
245	O-016	Laser Printer		2		1
250	O-022	Electronic Type Writer with Memory (English)		2		1
259	O-029	Magiboards		3	1	1
266	O-034	Uninterrupted Power Supply (UPS)		3	3	1
267	O-035	Stabilizers		3	3	1
275	O-037	Anatomical Models and Simulators Set	1			1
298	O-038	Maintenance tool set		1		1

Equipment List by Department

Library					
Medical Illustration Unit					
Original	Item	Description	Lib	Ill	Phase
No.	No.		Plan	Plan	
24	L-024	Refrigerator (Double Door)		1	2
129	L-099	X-ray Viewer (Large)		1	2
130	L-100	X-ray Viewer (Illuminator) - Standard		1	2
230	O-001	Camera Set		3	1
231	O-002	Illustration Making Set		1	1
232	O-003	Magnifying Glass with Handle (Hand Type)		1	1
233	O-004	Teaching Video Making Set		1	1
234	O-005	Computer Facility for Slide Making		1	1
244	O-015	Desk Top Computer Set	10	1	1
245	O-016	Laser Printer	1	1	1
250	O-022	Electronic Type Writer with Memory (English)	1	1	1
253	O-024	Binding Machine(ring binding)		1	1
254	O-025	Laminating machine		1	1
255	O-026	Paper Guillotine	2	1	1
259	O-029	Magiboards	2	1	1
261	O-031	Split-Type Airconditioners		2	2
266	O-034	Uninterrupted Power Supply (UPS)	10	2	1
267	O-035	Stabilizers	10	2	1

Equipment List by Department

Colombo South Teaching Hospital Central Services

Related Faculty	Destination	Item No	Description	Qty	Phase
Clinical Department					
Surgery	Operation Theatre	L-024	Refrigerator	1	2
Surgery	Operation Theatre	L-078	Sterilizer(boiling)	3	1
Surgery	Operation Theatre	M-016	Instrument trolley	6	1
Surgery	Operation Theatre	M-035	Defibrillator	1	1
Surgery	Operation Theatre	M-040	Operation table	3	1
Surgery	Operation Theatre	M-046	Suction unit	4	1
Surgery	Operation Theatre	M-048	Electrosurgical unit	2	1
Surgery	Operation Theatre	M-051	Syringe pump	11	1
Surgery	Operation Theatre	M-066	Autoclave, 150L	2	1
Surgery	Operation Theatre	M-067	Linen washing and dryer	1	1
Surgery	Operation Theatre	M-068	Nerve stimulator	1	1
Surgery	Operation Theatre	M-069	Autoclave high speed	3	1
Surgery	Operation Theatre	M-070	Surgical instrument set for abdominal	2	1
Surgery	Operation Theatre	M-071	Surgical instrument set for Chest	2	1
Surgery	Operation Theatre	M-072	Surgical instrument set for Gastrectomy	2	1
Surgery	Operation Theatre	M-088	Cupboard for instrument	1	1
Surgery	Operation Theatre	M-089	Stretcher with IV,Oxygen	3	1
Surgery	Operation Theatre	M-106	Laryngoscope set, matchintosh(0-5)	1	1
Surgery	Accidental Emergency	M-029	Doppler plus detector	1	1
Surgery	Accidental Emergency	M-038	Patient monitor	1	1
Surgery	Accidental Emergency	M-046	Suction unit	1	1
Surgery	Accidental Emergency	M-048	Electrosurgical unit	1	1
Surgery	Accidental Emergency	M-073	Universal Operation table with orthopedics accessory	1	1
Surgery	Accidental Emergency	M-074	Plaster table	1	1
Surgery	Accidental Emergency	M-075	Air tourniquets, adult & child	1	1
Surgery	Accidental Emergency	M-076	Surgical instrument set for tracheotomy	1	1
Surgery	Accidental Emergency	M-077	Surgical instrument set for plaster cutting	1	1
Surgery	Accidental Emergency	M-078	Surgical instrument set for emergency open chest	1	1
Surgery	Accidental Emergency	M-079	Surgical instrument set for Bone fracture	1	1
Surgery	Accidental Emergency	M-080	Bone drill set	1	1
Surgery	Surgery Unit 1	L-078	Sterilizer(boiling)	2	1
Surgery	Surgery Unit 1	M-043	Examination lamp	2	1
Surgery	Surgery Unit 1	M-046	Suction unit	2	1
Surgery	Surgery Unit 1	M-047	Nebuliser	2	1
Surgery	Surgery Unit 1	M-051	Syringe pump	2	1
Surgery	Surgery Unit 1	M-108	Rigid cystoscope for adult	1	1
Surgery	Surgery Unit 1	M-109	Broncho fiberscope with biopsy for adult dia. 5mm, 90cm	1	1
Surgery	Surgery Unit 1	M-110	Surgical instrument set for miner operation	2	1
Surgery	Surgery Unit 2	L-024	Refrigerator	1	2
Surgery	Surgery Unit 2	L-078	Sterilizer(boiling)	2	1
Surgery	Surgery Unit 2	M-043	Examination lamp	2	1
Surgery	Surgery Unit 2	M-046	Suction unit	2	1
Surgery	Surgery Unit 2	M-047	Nebuliser	2	1
Surgery	Surgery Unit 2	M-051	Syringe pump	2	1
Surgery	Surgery Unit 2	M-110	Surgical instrument set for miner operation	2	1
Surgery	Surgery Unit 2	M-111	Wheel chair	2	1
Surgery	Maxillo facial	M-043	Examination lamp	1	1
Surgery	Maxillo facial	M-046	Suction unit	1	1
Surgery	Maxillo facial	M-069	Autoclave high speed	1	1
Surgery	Maxillo facial	M-121	Dental unit	2	1
Surgery	Maxillo facial	M-122	Light cure unit	2	1
Surgery	Maxillo facial	M-123	Maxillo-facial plate fixing instrument set	1	1
Surgery	Maxillo facial	M-124	Dental drill set	1	1
Surgery	Maxillo facial	M-125	Dental scale remover	2	1
Surgery	Maxillo facial	M-126	Surgical instrument for maxillo-facial	1	1
Surgery	Blood bank	L-028	Blood bank refrigerator	1	1
Surgery	Blood bank	L-045	Refrigerated centrifuge, 500ml	1	1
Medicine	Medical Unit	M-010	Spirometer	1	1
Medicine	Medical Unit	M-014	Ambu bag for adult	4	1
Medicine	Medical Unit	M-021	Ophthalmoscope	4	1
Medicine	Medical Unit	M-038	Patient monitor	2	1
Medicine	Medical Unit	M-046	Suction unit	4	1
Medicine	Medical Unit	M-047	Nebuliser	2	1
Medicine	Medical Unit	M-051	Syringe pump	4	1
Medicine	Medical Unit	M-081	Ventilator with EndCO2, O2 Analyzer	2	1
Medicine	Medical Unit	M-085	Respirometer	2	1
Medicine	Medical Unit	M-103	External heart pacing equipment	1	1
Medicine	Medical Unit	M-104	Vacuum pump for intercostal tube removal	1	1

Equipment List by Department

Colombo South Teaching Hospital Central Services

Related Faculty	Destination	Item No	Description	Qty	Phase
Clinical Department					
Medicine	Medical Unit	M-105	Magil forceps	2	1
Medicine	Medical Unit	M-106	Laryngoscope set, matchintosh(0-5)	4	1
Medicine	Medical Unit	M-107	Peak flow meter	4	1
Medicine	Medical Unit	M-103	Broncho fiberscope with biopsy for adult dia. 5mm, 90cm	1	1
Medicine	Medical Unit	M-117	Emergency Cart with resuscitation set	2	1
Medicine	Medical emergency	M-014	Ambu bag	1	1
Medicine	Medical emergency	M-015	Height scale	1	1
Medicine	Medical emergency	M-019	Weighing scale	1	1
Medicine	Medical emergency	M-021	Diagnostic set	1	1
Medicine	Medical emergency	M-046	Suction unit	1	1
Medicine	Medical emergency	M-047	Nebuliser	1	1
Medicine	Medical emergency	M-106	Laryngoscope, matchintosh	1	1
Medicine	Medical emergency	M-107	Peak flow meter	1	1
Medicine	Dermatology	L-081	UV hand lamp	1	2
Medicine	Dermatology	M-118	Cryosurgery unit	1	1
Medicine	Dermatology	M-119	Punch biopsy set, metal	1	1
Medicine	Neurology	L-100	X-ray film viewer	1	2
Medicine	Neurology	M-021	Diagnostic set	2	1
Medicine	Neurology	M-120	Working frame	2	1
Paediatrics	Paediatrics	L-100	X-ray film viewer	1	2
Paediatrics	Paediatrics	L-141	Bone marrow biopsy set	1	2
Paediatrics	Paediatrics	M-014	Resuscitation set for neonatal	1	1
Paediatrics	Paediatrics	M-015	Height scale	1	1
Paediatrics	Paediatrics	M-019	Weighing scale for child	1	1
Paediatrics	Paediatrics	M-020	Weighing scale for infant	1	1
Paediatrics	Paediatrics	M-021	Diagnostic set	1	1
Paediatrics	Paediatrics	M-035	Defibrillator for child and infant	1	1
Paediatrics	Paediatrics	M-037	Infusion pump	1	1
Paediatrics	Paediatrics	M-047	Nebuliser	2	1
Paediatrics	Paediatrics	M-051	Syringe pump	1	1
Paediatrics	Paediatrics	M-059	Liver biopsy set	1	1
Paediatrics	Paediatrics	M-117	Emergency Cart with resuscitation set	1	1
Obste & Gyne	Obste & Gyne	M-002	ECG	1	1
Obste & Gyne	Obste & Gyne	M-014	Resuscitation set for neonatal	1	1
Obste & Gyne	Obste & Gyne	M-021	Ophthalmoscope	2	1
Obste & Gyne	Obste & Gyne	M-035	Defibrillator	1	1
Obste & Gyne	Obste & Gyne	M-038	Patient monitor	2	1
Obste & Gyne	Obste & Gyne	M-043	Examination lamp	2	1
Obste & Gyne	Obste & Gyne	M-046	Suction unit	2	1
Obste & Gyne	Obste & Gyne	M-051	Syringe pump	2	1
Obste & Gyne	Obste & Gyne	M-066	Obste & gyne diagnostic set	2	1
Obste & Gyne	Obste & Gyne	M-112	Vacuums extractor	2	1
Obste & Gyne	Obste & Gyne	M-113	Laparoscope, operative	1	1
Obste & Gyne	Obste & Gyne	M-114	Surgical instrument set for Vaginal delivery	2	1
Obste & Gyne	Obste & Gyne	M-115	Surgical instrument set for Hysterectomy	2	1
Obste & Gyne	Obste & Gyne	M-116	Surgical instrument set for Cesarean	2	1
Surg, Med, Ob&Gy	ICU	M-037	Infusion pump	3	1
Surg, Med, Ob&Gy	ICU	M-046	Suction unit	2	1
Surg, Med, Ob&Gy	ICU	M-051	Syringe pump	4	1
Surg, Med, Ob&Gy	ICU	M-057	Ventilator for pediatrics	1	1
Surg, Med, Ob&Gy	ICU	M-081	Ventilator with EndCO2, O2 Analyzer	1	1
Surg, Med, Ob&Gy	ICU	M-082	ICU bed for adult	5	1
Surg, Med, Ob&Gy	ICU	M-083	ICU bed for infant	1	1
Surg, Med, Ob&Gy	ICU	M-084	Sphygmomanometer wall type	6	1
Surg, Med, Ob&Gy	ICU	M-085	Respirometer	1	1
Surg, Med, Ob&Gy	ICU	M-086	Central monitor	1	1
Surg, Med, Ob&Gy	ICU	M-087	Patient monitor	6	1
Surg, Med, Ob&Gy	ICU	M-088	Instrument cabinet	1	1
Surg, Med, Ob&Gy	ICU	M-089	Stretcher with IV, Oxygen	1	1
All Clinical depart.	Clinical Pathology	L-006	Microscope, binocular	2	1
All Clinical depart.	Clinical Pathology	L-015	Spectrophotometer	1	1
All Clinical depart.	Clinical Pathology	L-016	Flamephotometer	1	2
All Clinical depart.	Clinical Pathology	L-019	Balance, electric	1	1
All Clinical depart.	Clinical Pathology	L-021	Deep freezer	1	2
All Clinical depart.	Clinical Pathology	L-024	Refrigerator	2	2
All Clinical depart.	Clinical Pathology	L-036	Incubator	1	2
All Clinical depart.	Clinical Pathology	L-048	Centrifuge	2	1
All Clinical depart.	Clinical Pathology	L-053	Micropipette set	2	1

Equipment List by Department

Colombo South Teaching Hospital Central Services

Related Faculty	Destination	Item No	Description	Qty	Phase
Clinical Department					
All Clinical depart.	Clinical Pathology	L-056	Dispenser	2	2
All Clinical depart.	Clinical Pathology	L-058	pH meter	1	2
All Clinical depart.	Clinical Pathology	L-060	Water bath	2	2
All Clinical depart.	Clinical Pathology	L-067	Electrophoresis apparatus	1	1
All Clinical depart.	Clinical Pathology	L-072	Hot air sterilizer	1	2
All Clinical depart.	Clinical Pathology	L-079	Autoclave vertical	1	1
All Clinical depart.	Clinical Pathology	L-086	Deionizer	1	2
All Clinical depart.	Clinical Pathology	L-106	Tissue embedding machine	1	1
All Clinical depart.	Clinical Pathology	L-108	Tissue processor	1	1
All Clinical depart.	Clinical Pathology	L-113	Microtome	1	1
All Clinical depart.	Clinical Pathology	L-114	Microtome knife sharpener	1	1
All Clinical depart.	Clinical Pathology	L-118	Centrifuge hematocrit	1	1
All Clinical depart.	Clinical Pathology	L-148	Hematological analyzer	1	1
All Clinical depart.	Clinical Pathology	L-149	Biochemical analyzer	1	1
All Clinical depart.	Clinical Pathology	L-150	Densitometer	1	1
All Clinical depart.	Clinical Pathology	O-035	Stabilizer	5	1
All Clinical depart.	Radiology	L-104	X-ray protective apron	4	2
All Clinical depart.	Radiology	M-090	X-ray fluoroscopic with bucky stand	1	1
All Clinical depart.	Radiology	M-091	Film processor	1	1
All Clinical depart.	Radiology	M-092	X-ray unit for simple tomography	1	1
All Clinical depart.	Radiology	M-093	X-ray unit for mammography	1	1
All Clinical depart.	Radiology	M-094	X-ray film viewer, 12 film	1	1
All Clinical depart.	Radiology	M-095	X-ray protector for Thyroide	3	1
All Clinical depart.	Radiology	M-096	X-ray protective glove	3	1
All Clinical depart.	Radiology	M-097	X-ray protective glass	2	1
All Clinical depart.	Radiology	M-098	X-ray protective curtain, 50m2	3	1
All Clinical depart.	Physiotherapy	M-005	Exercise table	1	1
All Clinical depart.	Physiotherapy	M-099	Electrical stimulator	1	1
All Clinical depart.	Physiotherapy	M-100	Traction bed	1	1
All Clinical depart.	Physiotherapy	M-101	Muscle stimulator	1	1
All Clinical depart.	Physiotherapy	M-102	Treatment bed	1	1
Forensic Medicine	Forensic Medicine	L-060	Water bath	1	2
Forensic Medicine	Forensic Medicine	L-072	Hot air sterilizer	1	2
Forensic Medicine	Forensic Medicine	L-081	UV hand lamp	1	2
Forensic Medicine	Forensic Medicine	L-100	X-ray film viewer	1	2
Forensic Medicine	Forensic Medicine	L-101	Portable X-ray unit	1	2
Forensic Medicine	Forensic Medicine	O-001	Medical camera set	1	1

6. Specifications of Main Equipment

1. The first part of the document is a list of names and titles.

2. The second part of the document is a list of names and titles.

6. Specifications of Main Equipment

L-001	Teaching Microscope with 5 teaching attachment	1	1. Main unit 2. Observation tube 3. CCTV adapter 4. Camera adapter	1. Objective 4x, 10x, 40x, 100x 2. 100W halogen lamp
L-002	CCTV System with 3 monitor, VCR	1	1. CCD camera 2. 29 inch monitor 3. Rack 4. VCR	1. VHS 2. Multith system
L-003	CCTV System with 4 monitor, VCR	2	1. CCD camera 2. 29 inch monitor 3. Rack 4. VCR	1. VHS 2. Multith system
L-004	CCTV System with 5 monitor, VCR	2	1. CCD camera 2. 29 inch monitor 3. Rack 4. VCR	1. VHS 2. Multith system
L-005	CCTV System with 6 monitor, VCR	1	1. CCD camera 2. 29 inch monitor 3. Rack 4. VCR	1. VHS 2. Multith system
L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	12	1. Main microscope 2. Phased contrast 3. Polarizing 4. Fluorescence	1. Objective 4x, 10x, 40x, 100x 2. 100W Halogen lamp
L-013	Double Beam Spectrophotometer, 200-1000nm	2	1. Main unit	1. Wave length 200 to 1000nm 2. Parameter : ABS, TRANS, CONT 3. Printer
L-016	Digital Flame Photometer	3	1. Main unit 2. Printer	1. Parameter Na, K, Li 2. Sample: blood Urine 3. Linearity : +/- 1% 4. Analyze time : 35sec.
L-020	Cryostat with Knife	2	1. Main unit	1. Thickness : 0 to 20mic. 2. Temp. : -30 deg
L-021	Ultralow Freezer (-80C)	3	1. Main unit	1. Temp. -80 deg. 2. Printer
L-022	Chest Freezer (-80C)	5	1. Main unit	1. Temp. -80 deg. 2. Printer
L-034	Freeze Dryer	2	1. Main unit 2. Flasco adapter 3. Test tube adapter 4. Vacuum pump	1. Temp. -45deg. 2. Dehumidifying : 4L/C 3. Cooling per : 400W
L-041	Safety Cabinet, Class II	9	1. Main unit	1. Class 2A 2. Dimension : 1500x800x1700 3. Banner
L-043	Fume Hood(Draft chamber)	4	1. Main unit 2. Fan 3. Exhaust Duct	1. Exhaust fan 2. Material : Steel 3. Table top : ceramic 4. 1,500x750x2,300mm
L-044	Ultracentrifuge, 60000 rpm	1	1. Main unit 2. Angle rotor 3. Swing rotor	1. Max Speed 60,000rpm 2. Max force 435,000 X g
L-046	Refrigerated Microfuge with Rotors	3	1. Main unit 2. Angle rotor 3. Swing rotor 4. Cooling unit	1. Max speed : 20,000rpm 2. Max force : 48,000 X g

6. Specifications of Main Equipment

L-047	Microfuge	5	1. Main unit 2. Angle rotor 3. Swing rotor	1. Max speed : 20,000rpm 2. Max force : 48,000 X g
L-064	Electrophoresis Apparatus, Horizontal Gel Tank	2	1. Power unit 2. Horizontal tank 3. Electroplate	1. Power: 5 to 1000V 2. Output terminal: 4 3. Dimensions : 21x11.5x4.2cm
L-067	Electrophoresis for Protein with densitometer	3	1. Power unit 2. Celroce unit 3. Electroplate 4. Densitometer	1. Power: 5 to 1000V 2. Output terminal: 4 3. Dimensions : 22.5x27x5.5cm
L-095	Automatic Body Embalment System	1	1. Tank unit with heater 2. Operation panel	1. Embedding time: 7 to 10 days. 2. Dimenslons : 2440x960x1040mm
L-096	Body Preservation Locker For 10 Bodys	2	1. Main unit with cooling unit	1. 10 bodies 2. Dimensions : 1160 x 1950 x 1825 mm
L-101	Portable X-ray Unit	2	1. Main unit	1. Caster provided 2. Built-in battery 3. Power cons: 600VA
L-106	Automated Slide Stainer	2	1. Main unit	1. Digital timer control 2. Staining bath: 18 pcs
L-107	Tissue-Tek Embedding Centre	1	1. Main unit	1. Heating table type 2. Table top type
L-140	Viscometer	1	1. Main unit	1. Display : Digital 2. Table top type 3. Mixing unit provided
L-146	Glassware Set	14	1. Beaker 2. Test tube 3. Flasco 4. Pipete etc.	1. Heat protective glass
L-147	Equipment For Animal House Set	1	1. Animal (Rat, Mouse, Rabbit, etc.) cage	1. Mouse cage (steel) 2. Rat cage 3. Rabbit cage 4. Guinea pig
L-148	Heamatological Analyzer	1	1. Main unit 2. Dilutor	1. Analysing Item: 5 item WBC, RBC, Hgb, Htc, Pit 2. Calurate parameter 9 items
L-149	Biochemical Analyzer	1	1. Main unit 2. Water softner	1. Speed: 200test/H 2. Wave length: 340-700nm 3. Reagent storage temp 2 to 8 C deg.
L-150	Densitometer	1	1. Main unit	1. Examine : Serum protein, Isozim, Poli protein 2. Wave length : 2wave 3. CRT provided
M-001	Portable Echocardiograph	1	1. Main unit 2. Prob 3. Doppler unit 4. Printer	1. Puls reflective type 2. Measuring : Linear, Convex, Sectrial 3. Doppler unit

6. Specifications of Main Equipment

M-006	Electroencephalogram	2	1. Main unit 2. Stimulator 3. Table	1. Channel : 14 2. Printer provided
M-007	Electroneurogram with Visual Evoked Potentials and EMG	2	1. Main unit 2. Stimulator 3. Flash unit 4. Table	1. Channel : 4 2. Printer provided
M-011	Treadmill for Exercise Testing	1	1. Main unit	1. Running type
M-013	Blood Gas Analyzer	1	1. Main unit 2. Printer	1. Measuring : pH, Pco ₂ , pO ₂ 2. Electrode measuring
M-024	Hysteroscope with Resection Equipment	1	1. Main unit 2. Light source 3. Resect instruments	1. Telescope 4mm 12 deg. 2. Resect instruments
M-027	Laparoscope with Video Unit	1	1. Main unit 2. TV monitor 3. TV video system 4. Rack	1. Laparoscope set 2. Instrument set 3. Light source: 100W halogen
M-028	Bipolar Diathermy	1	1. Main unit 2. Electrodes	1. Bipolar type 2. Cut electrode etc.
M-031	Ultrasound Machine with Color Doppler	1	1. Main unit 2. Probe 3. Printer	1. Pulse reflective type 2. Measuring: Linear, convex, Sectrial
M-032	Video Endoscopy System	1	1. Main unit 2. Light source 3. HF unit 4. TV Monitor etc.	1. Fiberscope 2. Sigmoido, Gastro, Duodeno, Colono
M-033	Gastrointestinal Fiberscope, Neonatal	1	1. Main unit 2. Light source	1. Fiber type 2. Light source 100w
M-038	Patient monitor (ECG and BP)	13	1. Main unit 2. Mobil cart	1. Measuring : ECG, Temp, HR, SpO ₂ , NIBP 2. Defibrillator protective
M-040	Surgical Bed for Minor Surgery, Manual	5	1. Main unit	1. Manual oil pump
M-044	Diagnostic set for Community Medicine and Family Medicine	3	1. Diagnostic set	1. Stethoscope 2. Diagnostic instrument set 3. OPD instrument set
M-053	Infant Transport Incubator	2	1. Transcapsul 2. Head fixing device 3. O ₂ flow meter	1. Battery provided 2. Manual control 3. 108 x 47 x 64 cm 4. Caster provide
M-057	Infant Pressure Cycled Ventilator	3	1. Main unit 2. Humidifier 3. Compressor 4. Cart	1. Driving system : ventilation, time, pressure, alarm 2. Auxiliary flow rate : 1 to 30L/min

6. Specifications of Main Equipment

M-060	Mini-bus, 20 to 30 sheets capacity	1	1. Bas	1. Fuel : diesel 2. Capacity ; 4000 cc
M-061	Diagnostic set for Psychiatry	1	1. Knee hammer 2. Building block 3. Sand trays 4. Lego sets etc.	1. For Psychiatric handycap patient training and test
M-066	Autoclave, 150L	2	1. Main unit 2. Built-in boiler 3. Water softner	1. Capacity : 150L 2. Temp. : 130 C deg.
M-072	Surgical instrument set for Gastrectomy	2	1. Instrument set	Stainless steel
M-073	Universal Operation table with Orthopedics accessory	1	1. Operation table Traction devices	2. 1. Universal type
M-079	Surgical instrument set for Bone fracture	1	1. Instrument set	Stainless steel
M-081	Ventilator with End CO ₂ , O ₂ analyzer	3	1. Main unit 2. Humidifier 3. Compressor 4. Cart	1. Driving system : ventilation, time, pressure, alarm 2. Auxiliary flow rate : 1 to 30L/min
M-086	Central monitor	1	1. Main unit 2. Recorder	1. For 6 beds 2. Telemetry type
M-087	Patient monitor	6	1. Main unit 2. Cart	1. ECG, Heart rate, Temp. Respiration, NIBP
M-090	X-ray Fluoroscopic with Bucky stand	1	1. Fluoroscopic table 2. Bucky stand 3. Image intensifier 4. Generator	1. Max. current : 600mA 2. Max. voltage: 150Kv 3. Table length 2000mm 4. Angle: +90, -15 deg.
M-091	Film processor	1	1. Main unit 2. Developing tank 3. Fixin tank	1. Speed : 90 sec / sheet 2. Drying function provid 3. Dark room insert Clear room out
M-092	X-ray unit for simple tomography	1	1. Diagnostic table 2. Generator 3. X-ray tube support	1. Max. current : 80mA 2. Max. voltage: 150Kv
M-093	X-ray unit for mammography	1	1. Main unit 2. Generator 3. Support for mammo	1. Max. current : 100mA 2. Max. voltage: 35Kv
M-098	X-ray protective curtain, 50m ²	3	X-ray protective curtain	Pb equivalent : 0.35 mm
M-100	Traction bed	1	1. Traction unit 2. Bed 3. Pole	1. For 1 person 2. Cervial, Pervic 3. Max. force : 90 kg

6. Specifications of Main Equipment

M-108	Rigid cystoscope for adult	1	1. Rigid cystoscoe 2. Light source 3. Forceps for Forein body, tissue	1. Angle : 30 and 70 deg. 2. Autoclave sterilizing 3. Flash function provided
M-109	Bronchofiberscope with biopsy for adult dia. 5mm, 90cm	2	1. Bronchofiberscope 2. Light source 3. Suction unit 4. Trolley	1. Length:900mm 2. Diameter : 5mm 3. Flexible fiberscope
M-113	Laparoscope, operative	1	1. Laparoscope 2. Insufration unit 3. Light source 4. Forceps set	1. Diameter : 10mm 2. Autoclave sterilizing 3. CO2 insufration unit
M-115	Surgical instrument set for Hysterectomy	2	Instrument set	1. Stainless steel
M-116	Surgical instrument set for Cesarean	2	Instrument set	1. Stainless steel
M-121	Dental unit	2	1. Dental unit 2. Compressor	1. 3 hand pieces 2. Examing light 3. Ejector
M-123	Maxillo-facial plate fixing instrument set	1	1. Microplate 2. Scree driver set 3. Scree set	1. Material : titan
M-126	Surgical instrument set for maxillo-facial	1	Instrument set	1. Stainless steel
O-002	Illustration Making Set	1	1.Camera 2.Screen 3.Developping set	1.35mm camera 2.Developping set
O-004	Teaching Video Making Set	1	1.Videocamera 2.Mixing unit 3.Microphne 4.VCR	1.Pal color camera 2.S-VHS Video corder 3.Editing Control 4.8ch audio mixer
O-005	Computer Facility for Slide Making	1	1.Main computer 2.Film scanner 3.Color printer 4.Digtal Camera	1.Multi system 2 Max Film size 4x5Inch 3.A3 Printer
O-006	Audio Visual Set For Auditorium	1	1.29 inch monitor 4 2.VCR 3.Projector 4.Speaker system	1.VHS system 2.Multi system 3.120inch screen
O-007	Observation TV and Camera Set With VER	2	1.Video camera 2.29 Inch monitor 3.Speaker system	1.2 way audio system 2.CCD Pal Camera 3.Remote monitoring system
O-037	Anatomical Models and Simulators Set	1	1.Organ Model 2.Bone Model 3.Masul Model 4.Simulators set	1.Acrylic resin type 2.Plastic type

7. Operation and Maintenance Cost Estimation

7. Operation Maintenance Cost for Faculty

No.	DESCRIPTION	Consumption	Unit Price JP Yen	Amount JP Yen	O/M cost / Unit/year	Q'ty	Total O/M cost by Year
L-001	Teaching Microscope with 5 Teaching attachment				¥5,400	1	¥5,400
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-006	Research Microscope, trinocular with CCTV attachment				¥5,400	4	¥21,600
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system				¥5,400	12	¥64,800
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-008	Inverted Tissue Culture Microscope				¥5,400	8	¥43,200
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-009	Inverted Tissue Culture Research Microscope with CCD, Camera				¥5,400	1	¥5,400
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-010	Binocular Microscopes				¥5,400	74	¥399,600
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-011	Biological Microscope				¥5,400	80	¥432,000
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-012	Stereoscopic Zoom Microscope				¥5,400	5	¥27,000
	Halogen bulb	1	¥2,400	¥2,400			
	Immersion oil	1	¥3,000	¥3,000			
L-013	Double Beam Spectrophotometer, 200-1000 nm				¥45,000	2	¥90,000
	Tungsten bulb	1	¥5,000	¥5,000			
	D2 bulb	1	¥30,000	¥30,000			
	Recording paper	1	¥10,000	¥10,000			
L-014	Single Beam, Visible Light Spectrophotometer				¥5,000	5	¥25,000
	Bulb	1	¥5,000	¥5,000			
L-015	Single Beam, Auto Sample Spectrophotometer				¥5,000	1	¥5,000
	Bulb	1	¥5,000	¥5,000			
L-016	Digital Flame Photometer				¥184,500	2	¥369,000
	Tube set	1	¥28,000	¥28,000			
	Recording paper, Ribbon	1	¥6,500	¥6,500			
	Reagent	1	¥150,000	¥150,000			
L-017	Apparatus for Deionising Water				¥41,000	5	¥205,000
	Cartridge filter	4	¥5,500	¥22,000			
	Ion exchange resin cartridge	1	¥19,000	¥19,000			
L-041	Safety Cabinet, class II				¥250,000	8	¥2,000,000
	Filter	1	¥250,000	¥250,000			
L-058	pH Meters				¥55,000	14	¥770,000
	pH sensor	1	¥25,000	¥25,000			
	Reagent	1	¥30,000	¥30,000			
L-059	Hand Held pH Meters				¥30,000	7	¥210,000
	Reagent	1	¥30,000	¥30,000			
L-067	Electrophoresis for Protein with Densitometer				¥31,500	2	¥63,000
	Cellulose acetate film	1	¥16,500	¥16,500			
	Filter paper	1	¥3,000	¥3,000			
	Buffer	1	¥12,000	¥12,000			
	Ponsor	1	¥6,000	¥6,000			
L-081	Hand Held Short Wave (254nm) UV Light				¥19,500	1	¥19,500
	UV bulb	1	¥19,500	¥19,500			

7. Operation Maintenance Cost for Faculty

No.	DESCRIPTION	Consumption	Unit Price JP Yen	Amount JP Yen	O/M cost / Unit/year	Qty	Total O/M cost by Year
L-082	UV-Rays Lamp UV bulb	1	¥19,500	¥19,500	¥19,500	2	¥39,000
L-086	Reagent Grade Water System Cartridge filter Ion exchange resin cartridge	4 1	¥5,500 ¥19,000	¥22,000 ¥19,000	¥41,000	1	¥41,000
L-087	Auto (Water) Still Cartridge filter Ion exchange resin cartridge	4 1	¥5,500 ¥19,000	¥22,000 ¥19,000	¥41,000	5	¥205,000
M-001	Portable Echocardiograph with B/W Doppler Gel Recording paper	2 3	¥12,000 ¥11,000	¥24,000 ¥33,000	¥57,000	1	¥57,000
M-002	ECG Machine, 3CH Electrode, Cable set ECG cream Recording paper	1 6 6	¥16,000 ¥1,100 ¥25,000	¥16,000 ¥6,600 ¥150,000	¥172,600	2	¥345,200
M-006	Electroencephalograph ECG cream EEG cream Recording pen Recording paper	1 1 1 6	¥9,000 ¥1,100 ¥5,000 ¥6,600	¥9,000 ¥1,100 ¥5,000 ¥39,600	¥54,700	2	¥109,400
M-007	Electroneurogram with Visual Evoked Potentials and EMG ECG cream EEG cream Recording pen Recording paper	1 1 1 6	¥9,000 ¥1,100 ¥5,000 ¥6,600	¥9,000 ¥1,100 ¥5,000 ¥39,600	¥54,700	2	¥109,400
M-010	Automated Spirometer Paper mouthpiece Nose clip Spiro filter Recording paper	1 1 1 2	¥1,600 ¥2,400 ¥23,000 ¥11,000	¥1,600 ¥2,400 ¥23,000 ¥22,000	¥49,000	1	¥49,000
M-013	Blood Gas Analyzer Reagent set Recording paper Tube set Calibration gas Electrode set	1 2 1 2 1	¥431,000 ¥4,000 ¥33,000 ¥42,500 ¥317,000	¥431,000 ¥8,000 ¥33,000 ¥85,000 ¥317,000	¥557,000	1	¥557,000
M-023	Bilirubin Analyzer Capillary tube Lamp	10 1	¥800 ¥1,000	¥8,000 ¥1,000	¥9,000	1	¥9,000
M-027	Laparoscope with Video unit Xenon light source	1	¥110,000	¥110,000	¥110,000 ¥0	1	¥110,000
M-030	Cardio-toco-graph Gel Recording paper	2 2	¥12,000 ¥17,300	¥24,000 ¥34,600	¥58,600	3	¥175,800
M-031	Ultrasound Machine Gel Recording paper	3 6	¥12,000 ¥11,250	¥36,000 ¥67,500	¥103,500	1	¥103,500
M-032	Video Endoscopy System Universal light source	1	¥110,000	¥110,000	¥110,000	1	¥110,000

7. Operation Maintenance Cost for Faculty

No.	DESCRIPTION	Consumption	Unit Price JP Yen	Amount JP Yen	O/M cost/ Unit/ year	Qty	Total O/M cost by Year
M-036	Pulse Oximeter				¥20,500	3	¥61,500
	Recording paper	5	¥4,100	¥20,500			
M-037	Infusion Pump				¥77,400	12	¥928,800
	Tube set	300	¥258	¥77,400			
M-038	ECG and BP Monitor				¥66,900	8	¥535,200
	Disposable Electrode	3	¥14,500	¥43,500			
	Biopotential electrode	1	¥7,800	¥7,800			
	Electrode gel	6	¥1,100	¥6,600			
	Electrode lead	1	¥9,000	¥9,000			
M-041	Small Operating Theatre Lamp Mobile				¥23,500	1	¥23,500
	Lamp	4	¥4,700	¥18,800			
M-043	Angle Poised Lamp				¥9,400	1	¥9,400
	Lamp	1	¥4,700	¥4,700			
M-045	Proctoscope with Light Source				¥30,700	1	¥30,700
	Lamp	1	¥4,700	¥4,700			
M-048	Electric Cautery				¥33,500	2	¥67,000
	Electrode plate	1	¥11,000	¥11,000			
	Electrode plate with cord	1	¥15,000	¥15,000			
	Bipolar forceps with cord	1	¥7,500	¥7,500			
M-049	Infra Red Lamp				¥6,900	1	¥6,900
	Infra Red Lamp	1	¥6,900	¥6,900			
M-050	Phototherapy unit				¥3,000	3	¥9,000
	Fluorescent lamp	4	¥750	¥3,000			
M-051	Syringe Infusion Pumps				¥48,000	15	¥720,000
	Disposable syringe	300	¥92	¥27,600			
	Disposable extension tube	300	¥68	¥20,400			
M-057	Infant Pressure Cycled Ventilator				¥107,000	2	¥214,000
	Corrugated circuit tube	1	¥4,500	¥4,500			
	Endotracheal tube set	1	¥2,500	¥2,500			
	Micro filter	4	¥25,000	¥100,000			
O-009	Slide Projector				¥1,800	11	¥19,800
	Lamp	1	¥1,800	¥1,800			
O-010	Overhead Projector				¥1,800	11	¥19,800
	Lamp	1	¥1,800	¥1,800			
O-016	Laser Printer				¥40,000	18	¥720,000
	Toner	2	¥20,000	¥40,000			
O-017	Bubble Jet Color Printer				¥20,000	18	¥360,000
	Ink	4	¥5,000	¥20,000			
O-019	Photocopying Machine				¥120,000	18	¥2,160,000
	Toner	4	¥30,000	¥120,000			
O-020	Photocopying Machine with Sorting system				¥120,000	1	¥120,000
	Toner	4	¥30,000	¥120,000			
O-021	Electric Duplicating Machine				¥100,000	5	¥500,000
	Ink	5	¥20,000	¥100,000			

Total
Equivalent Rp. ¥13,281,400
6,640,700

7. Operation Maintenance Cost for CSTH

No.	DESCRIPTION	Consumption	Unit Price JP Yen	Amount JP Yen	O/M cost / Unit/ year	Qty	Total O/M cost by Year	
L-006	Teaching Microscope with 5 Teaching				¥5,400	2	¥10,800	
	Halogen bulb	1	¥2,400	¥2,400				¥0
	Immersion oil	1	¥3,000	¥3,000				¥0
L-015	Single Beam, Auto Sample Bulb	1	¥5,000	¥5,000	¥5,000	1	¥5,000 ¥0	
L-016	Digital Flame Photometer				¥184,500	1	¥184,500	
	Tube set	1	¥28,000	¥28,000				
	Recording paper, Ribbon Reagent	1 1	¥6,500 ¥150,000	¥6,500 ¥150,000				
L-058	pH Meters				¥55,000	1	¥55,000	
	pH sensor Reagent	1 1	¥25,000 ¥30,000	¥25,000 ¥30,000				
L-067	Electrophoresis for Protein with Densitometer				¥31,500	1	¥31,500	
	Cellulose acetate film	1	¥16,500	¥16,500				
	Filter paper	1	¥3,000	¥3,000				
	Buffer Ponso	1 1	¥12,000 ¥6,000	¥12,000 ¥6,000				
L-081	Hand Held Short Wave (254nm) UV Light UV bulb	1	¥19,500	¥19,500	¥19,500	2	¥39,000	
L-086	Reagent Grade Water System				¥41,000	1	¥41,000	
	Cartridge filter Ion exchange resin cartridge	4 1	¥5,500 ¥19,000	¥22,000 ¥19,000				
L-148	Hematological analyzer Reagents	1	¥1,800,000	¥1,800,000	¥1,800,000	1	¥1,800,000	
L-149	Biochemical analyzer Reagents	1	¥2,000,000	¥2,000,000	¥2,000,000	1	¥2,000,000	
M-002	ECG Machine, 3CH				¥172,600	1	¥172,600	
	Electrode, Cable set	1	¥16,000	¥16,000				
	ECG cream	6	¥1,100	¥6,600				
	Recording paper	6	¥25,000	¥150,000				
M-010	Automated Spirometer				¥4,000	1	¥4,000	
	Paper mouth piece	1	¥1,600	¥1,600				
	Nose clip	1	¥2,400	¥2,400				
	Spiro filter Recording paper	1 2	¥23,000 ¥11,000	¥23,000 ¥22,000				
M-021	Diagnostic set				¥2,000	4	¥8,000	
	Lamp	4	¥500	¥2,000				
M-037	Infusion Pump				¥77,400	4	¥309,600	
	Tube set	300	¥258	¥77,400				
M-038	ECG and BP Monitor				¥66,900	5	¥334,500	
	Disposable Electrode	3	¥14,500	¥43,500				
	Biopotential electrode	1	¥7,800	¥7,800				
	Electrode gel Electrode lead	6 1	¥1,100 ¥9,000	¥6,600 ¥9,000				
M-043	Angle Poised Lamp				¥4,700	7	¥32,900	
	Lamp	1	¥4,700	¥4,700				
M-048	Electric surgical unit				¥33,500	3	¥100,500	
	Electrode plate	1	¥11,000	¥11,000				
	Electrode plate with cord Bipolar forceps with cord	1 1	¥15,000 ¥7,500	¥15,000 ¥7,500				
M-051	Syringe Infusion Pumps				¥48,000	16	¥768,000	
	Disposable syringe Disposable extension tube	300 300	¥92 ¥68	¥27,600 ¥20,400				
M-057	Infant Pressure Cycled Ventilator				¥107,000	1	¥107,000	
	Corrugated circuit tube	1	¥4,500	¥4,500				
	Endotracheal tube set Micro filter	1 4	¥2,500 ¥25,000	¥2,500 ¥100,000				
M-068	Nerve stimulator				¥30,000	1	¥30,000	
	Electrode	1	¥30,000	¥30,000				

7. Operation Maintenance Cost for Csth

No.	DESCRIPTION	Consumption	Unit Price JP Yen	Amount JP Yen	O/M cost / Unit/year	Qty	Total O/M cost by Year
M-081	Ventilator with EndCO2, O2 Analyzer				¥150,000	3	¥450,000
	Corrugated circuit tube	1	¥4,500	¥4,500			
	Endotracheal tube set	1	¥2,500	¥2,500			
	Micro filter	4	¥25,000	¥100,000			
	Sensor	1	43,000	¥43,000			
M-086	Central monitor				¥111,900	1	¥111,900
	Recording paper	5	¥3,000	¥15,000			
M-087	Patient monitor				¥66,900	6	¥401,400
	Disposable Electrode	3	¥14,500	¥43,500			
	Biopotential electrode	1	¥7,800	¥7,800			
	Electrode gel	6	¥1,100	¥6,600			
	Electrode lead	1	¥9,000	¥9,000			
M-091	Film processor				¥90,000	1	¥90,000
	Gear, belt, etc	1	¥30,000	¥30,000			
M-099	Electrical stimulator				¥60,000	1	¥60,000
	Electrodes, cords	1	¥30,000	¥30,000			
M-101	Muscle stimulator				¥35,000	1	¥35,000
	Electrodes, cords	1	¥30,000	¥30,000			
M-106	Laryngoscope set, matchintosh(0-5)				¥8,000	6	¥48,000
	Lamp	4	¥500	¥2,000			
M-108	Rigid cystoscope for adult				¥96,000	1	¥96,000
	Lamp, forceps etc.	1	¥3,000	¥3,000			
M-109	Broncho fiberscope with biopsy for adult dia. 5mm, 90cm				¥93,000	2	¥186,000
	Lamp, forceps etc.	1	¥3,000	¥3,000			
M-113	Laparoscope, operative				¥90,000	1	¥90,000
	Lamp, forceps etc.	1	¥90,000	¥90,000			

Total ¥7,602,200
Equivalent Rp. 3,801,100

