

Site	Dept.	No.	Description	Q'ty
JJ	OB/GY	OG-43	Laparoscope set(Operative)with Automatic gas insufflator&Light source and video endoscope system	1
JJ	OB/GY	OG-48	Infusion pump	6
JJ	OB/GY	OG-49	Blood sedimentation unit	2
JJ	OB/GY	OG-52	Stetches trolleys	2
JJ	OB/GY	OG-53	Treatment carriage	3
JJ	OB/GY	OG-54	Dressing carriage	3
JJ	OB/GY	OG-55	IV stand	20
JJ	OB/GY	OG-58	Examination table (gynecology) with examination unit	6
JJ	OB/GY	OG-59	Sphygmomanometer	15
JJ	OB/GY	OG-62	Emergency cart	4
JJ	OB/GY	OG-64	Dressing jar	6
JJ	OB/GY	OG-67	Bedside monitor	5
JJ	OB/GY	OG-68	Defibrillator(with Ped.paddle)	2
JJ	OB/GY	OG-69	Pulse oxymeter	5
JJ	OB/GY	OG-71	Suction unit	3
JJ	OB/GY	OG-72	Anesthesia apparatus	3
JJ	OB/GY	OG-73	Ventilator	1
JJ	OB/GY	OG-74	Recovery stretcher	3
JJ	OB/GY	OG-75	ICU bed	2
JJ	OB/GY	OG-77	Operating table	3
JJ	OB/GY	OG-78	Operating light	3
JJ	OB/GY	OG-79	Continuous low pressure suction unit	2
JJ	OB/GY	OG-80	Endotracheal set for baby	2
JJ	OB/GY	OG-82	Instrument table	2
JJ	OB/GY	OG-88	Delivery table	6
JJ	OB/GY	OG-89	Vacuum extractor	2
JJ	OB/GY	OG-91	Doppler fetus detector	4
JJ	OB/GY	OG-92	Fetal actocardiograph	1
JJ	OB/GY	AOG-2	Hysteroscope with resectorsope (Light source)	1
JJ	OB/GY	AOG-3	ECG unit	2
JJ	OB/GY	AOG-4	Mobile X-ray Unit	1
JJ	OB/GY	AOG-5	Ultrasound machine B/W portable	1
JJ	OB/GY	AOG-6	Blood transfusion warmer	4
JJ	OB/GY	AOG-11	Water Distiller	1
JJ	Pathology	APA-2	Universal reserch microscope	4
JJ	Pathology	APA-3	Histoprocessor(Automatic Tissue Processor)	1
JJ	Pathology	APA-4	Rotary Microtome	2
JJ	Pathology	APA-5	Automatic slide stainer	2
JJ	Ophthalmology	OP-2	Instrumentation of Vitrectomy	1
JJ	Ophthalmology	AO-3	Indirect ophthalmoscope	1
JJ	Ophthalmology	AO-4	Slit lamp	1
JJ	Ophthalmology	NO-1	Refractometer	1
JJ	Ortho	OR-1	Surgical X-ray C-arm TV system	1
JJ	Ortho	OR-2	Orthopedic Operating Table	1
JJ	Ortho	OR-3	Operating table with attachment	2

Site	Dept.	No.	Description	Q'ty
JJ	Ortho	OR-4	Operating light	2
JJ	Ortho	OR-8	ICU Bed	5
JJ	Ortho	OR-9	Orthopedic gatch bed with traction accessories	6
JJ	Ortho	OR-11	Basic orthopedic instrument set	3
JJ	Ortho	OR-13	Electric plaster saw set	1
JJ	Ortho	OR-15	Anterior spinal instrument set	1
JJ	Ortho	OR-16	Pneumatic bone drill	1
JJ	Ortho	OR-17	A.O.instrument set	1
JJ	Ortho	OR-19	Bedside Monitor	2
JJ	Ortho	OR-21	Spinal Injury -motorized beds	2
JJ	Ortho	OR-24	Pulse oxymeter	2
JJ	Ortho	OR-26	Refrigerator	1
JJ	Ortho	OR-26	Defibrillator(with Ped.paddle)	2
JJ	Ortho	OR-27	Eelectrosurgical unit	3
JJ	Ortho	OR-28	High pressure steam sterilizer	1
JJ	Ortho	OR-29	Anesthesia apparatus	2
JJ	Ortho	OR-35	Wheel chair	4
JJ	Ortho	OR-36	Examination table	2
JJ	Ortho	OR-38	Stetches trolleys	4
JJ	Ortho	OR-39	Pneumatic tourniques	2
JJ	Ortho	AOR-5	High speed drill	1
JJ	Microbio	MC-2	Universal reserch microscope	2
JJ	Microbio	MC-3	biosafety cabinet	2
JJ	Microbio	MC-4	Incubator	2
JJ	Microbio	MC-6	Refrigerator	2
JJ	Microbio	MC-7	Water Distiller	1
JJ	Radiology	R-1	Ultrasound Scanner with Color Dopper	1
JJ	New	N-1	Equipment for maitenance works	1




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Site	Dept.	No.	Description	Q'ty
CAMA	OB/GY	C-1	Examination table(gynecology)with examination unit	4
CAMA	OB/GY	C-5	Colposcope	1
CAMA	OB/GY	C-12	Delivery table	2
CAMA	OB/GY	C-13	Fetal Doppler	5
CAMA	OT	C-35	Operating table	2
CAMA	OT	C-39	Operating light	2
CAMA	OPD	C-41	Examinaing light	4
CAMA	OB/GY	C-43	Fetal actocardiograph	3
CAMA	Endoscope	C-45	Laparoscope set	1
CAMA	OB/GY	C-47	Examination table	1
CAMA	OT	C-49	Blood transfusion warmer	1
CAMA	ICU	C-50-2	ICU bed	1
CAMA	OT	C-52	Emergency tracheostomy instruments in metal	3
CAMA	OT	C-53	Emergency breast operating instruments in metal	3
CAMA	Endoscope	C-57	Cystofiberscope with biopsy forceps	1
CAMA	OB/GY		Electrosurgical unit	2
CAMA	OT	C-62	Anesthesia apparatus	2
CAMA	OB/GY	C-66	Pulse oxymeter	3
CAMA	Radiology	C-68	X-ray film cabinet	1
CAMA	OB/GY	C-72	High pressure steam sterilizer	2
CAMA	OB/GY	C-73	Instrument sterilizer(boiling)	5
CAMA	OB/GY	C-74	ECG machine	4
CAMA	OPD	C-76	Sphygmomanometer(with pediatric cuff)	10
CAMA	OPD	C-78	Medicine cabinet	10
CAMA	OPD	C-79	Instrument carriage	10
CAMA	OPD	C-80	Stethoscope	10
CAMA	OB/GY	C-101	Recovery stretcher	4
CAMA	Laboratory	C-103	Blood gas analyzer	1
CAMA	Laboratory	C-104	Hemoglobinometer electronic	2
CAMA	Laboratory	C-105	Blood bank refrigerator	1
CAMA	Laboratory	C-106	Medical refrigerator	5
CAMA	Laboratory	C-107	Binocular microscope	3
CAMA	Radiology	C-117	X-ray unit with image intensifiers	1
CAMA	Radiology	C-124	X-ray film illuminator	1
CAMA	OPD	C-125	Arm rest for infusion	6
CAMA	Ward	C-135	IV stand	25
CAMA	Ward	C-136	Wheel chair	6
CAMA	Ward	C-137	Medication cart	1
CAMA	OPD	C-142	Laryngoscope	4
CAMA	OPD	C-149	Portable incubator	1
CAMA	OPD	C-151	Infant automatic weighing scale	4
CAMA	NICU	C-152	Oxygen head box for infant	10
CAMA	NICU	C-153	Neonatal Monitor	2
CAMA	Radiology	C-160	Mobile X-ray Unit	1
CAMA	OB/GY	C-163	Defibrillator(with Ped.paddle)	4
CAMA	NICU	CA-1	Syringo pump	10

Site	Dept.	No.	Description	Qty
CAMA	Laboratory	CA-3	Ultrasonic cleaner	1
CAMA	NICU	CN-2	Bilirubin meter	2
CAMA	Laboratory	CN-5	Urine analyzer	1
CAMA	Radiology	CN-6	Automatic film processor	1
CAMA	OB/GY	CN-7	Ultrasound machine stational type with probes	1
CAMA	OB/GY	CN-8	Ultrasound machine B/W portable	2
CAMA	Laboratory	CN-9	Spectrophotometer	1
CAMA	Radiology	CN-10	X-ray Protection shields set	1
CAMA	OT	CN-11	Bedside Monitor	3

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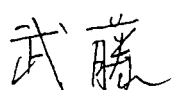
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**Components of cooperation for reorganizing the maintenance and repair system of equipment
(Mentioned in 5-5 of the Attachment)**

	PROBLEM	RESOLUTION	RESULT (GOAL)
Management Section	<ul style="list-style-type: none"> • Equipment Maintenance System is not organized. • Equipment are maintained with deans' office and each department, separately. ☆ Deans' office record number of equipment and place of distributed only. ☆ Each department record model No., name of manufacturer, year of purchased, condition, history of repair; ☆ Consequently, Administrative office could not know all about concerning condition of equipment. 	<ul style="list-style-type: none"> • All equipment data shall be concentrated in management section • Establish direct communication system for equipment repair between end-user to management section. • Conduct introduction of data management system with personal computer. 	<ul style="list-style-type: none"> • Management section can get all information concerning the just current condition of equipment in hospital. • Management section can arrange maintenance plane in future. • Down-time of fault equipment shall be shorten through prompt communication system. • Medical services in the hospital will be up graded.
HERM Section	<ul style="list-style-type: none"> • Hospital equipment repair and maintenance (HERM) section have not enough tool, for maintenance and repair. • They could not found out course of trouble because of lack of information with basic principles of equipment, even they have a knowledge with specific field, such as electricity. • Only equipment which have in trouble has been maintained. No routine maintenance scheduled. 	<ul style="list-style-type: none"> • To supply some electric measuring equipment and tool for equipment repair. • To conduct and teaching way of trouble-shoot for electro-medical equipment. • To guide how to find sign of fault. • What is routine maintenance. • Who routine maintenance is required. 	<ul style="list-style-type: none"> • Minor repair work shall be done by HERM. • Equipment shall be kept in good condition for use of long period. • Motivation of site staff shall be improved through guidance of routine maintenance works done by HERM.



5. Cost Estimation Borne by the Recipient Country

5. Cost estimation borne by the recipient country

Cama and Albless Hospital

For x-ray leakage protection works of x-ray room.

To install protection materials (lead board, lead sealing door) which shall be supplied under this project.

Installation works (personnel cost)

Rs900/day x 5 person x 7 days Rs.31,500.-

For Air Conditioning

To supply and set up air conditioner and dehumidifier for:

Sir J.J. Hospital

USG Room

Air conditioner : Rs.15,000.-

Dehumidifier : Rs.3,500.-

Sub total Rs.18,500.-

Laboratory

Air conditioner : Rs.15,000.-

Dehumidifier : Rs.3,500.-

Sub total Rs.18,500.-

Cama and Albless Hospital

X-ray Room

Air conditioner : Rs.15,000.-

Dehumidifier : Rs.3,500.-

Sub total Rs.18,500.-

Grand total Rs.87,000.-