

List of Equipment

Clinic No. 1

Item No.	Name of Equipment	Q'ty	Priority
LR	Delivery Room		
LR 1	Monitor, Fetal (Cardio Tocograph)	2	A
LR 2	Infant Care Unit	5	A
LR 3	Weighing Scale, Baby	5	A
LR 4	Ultrasound Scanner with Doppler	1	B
LR 5	Laryngoscope Set, Miller's (Neonate & Infant)	2	A
LR 6	Infant Resuscitation Bag	4	A
LR 7	Delivery Table	5	B
LR 8	Vacuum Extractor	2	A
LR 9	Aspirator	2	B
LR 10	Portable Doppler Fetal Detector	2	A
LR 11	Colposcope	1	B
LR 12	Vaginal Speculum, Cusco	20	A
LR 13	Head Washing Unit	-	C
LR 14	Wheel Chair	5	B
LR 15	Emergency Cart	1	B
LR 16	Bedpan Washer	-	C
LR 17	Immuno Fluorescence Analyzer	-	C
RA	Pathological Newborn		
RA 1	Infant Incubator	2	A
RA 2	Infant Transport Incubator	-	C
RA 3	Infant Care Unit	2	B
RA 4	Phototherapy Unit	3	B
RA 5	Bilirubin Meter, Transcutaneous	1	B
RA 6	Heated Humidifier	2	A
RA 7	Weighing Scale, Baby	4	A
RA 8	Laryngoscope Set, Miller's	1	A
RA 9	Resuscitator for Neonate and Infant	-	C
RA 10	Infant Resuscitation Bag	2	B
RA 11	Oxygen Monitor	2	B
RA 12	Head Box	2	A
RA 13	Infant Bassinet Stand with Mattress	10	B
RA 14	Infusion Pump, Syringe	6	A
RA 15	Infusion Pump	-	C
RA 16	Ventilator, Infant	2	B
RA 17	Monitor, Neonatal	6	A
RA 18	Ultrasonic Nebulizer	2	A
RA 19	Ultrasound Scanner, Portable	1	A
RA 20	Pulse oximeter	3	A
RA 21	Monitor, Transcutaneous	-	C
RA 22	Infant Incubator, Critical Care Set	1	A
P	Maternal ICU		
P 1	Ventilator, Adult	1	B
P 2	Laryngoscope Set (with Endotracheal Tube)	1	B

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Item No.	Name of Equipment	Q'ty	Priority
P 3	Monitor, Bedside	2	A
P 4	Defibrillator	-	C
P 5	Infusion Pump	-	C
P 6	Pulse Oximeter	2	A
EL	Express Laboratory		
EL 1	Centrifuge, Hematocrit	1	A
EL 2	Blood Gas Analyzer with Na, K, Cl	1	A
EL 3	Electrolyte Analyzer	-	C
EL 4	Microscope, Binocular	1	A
EL 5	Hemometer	1	A
EL 6	Blood Cell Counter	1	B
EL 7	Coagulometer	1	B
EL 8	Glucose Analyzer	1	B
EL 9	Bilirubin Analyzer	1	B
EL 10	Mobile X-ray Unit	1	B
MO	Maternity Operation Theater		
MO 1	Operating Table	3	B
MO 2	Suction Unit, Electric	3	B
MO 3	Anesthesia Apparatus with Ventilator	-	C
MO 4	Anesthesia Apparatus	2	A
MO 5	Endotracheal Set	2	B
MO 6	Electrosurgical Unit	2	A
MO 7	Stretcher	2	B
MO 8	Anesthetic Table	2	B
MO 9	Instrument Cabinet	-	C
MO 10	Instrument Stand	-	C
MO 11	Monitor, Patient	1	A
MO 12	Defibrillator	-	C
MO 13	Refrigerator, Blood Bank	-	C
MO 14	Operating Instrument Set	2	A
MO 15	Small Operating Instrument Set	1	A
MO 16	Laparoscope with TV and VTR	1	B
G	Gynecology		
G 1	Cryosurgery System for Gynecology	-	C
G 2	Kymographic Hydrotubator	-	C
G 3	Gynecological Examining Unit	-	C
PR	Premature Baby ICU (with Express Laboratory)		
PR 1	Infant Incubator	3	A
PR 2	Infant Transport Incubator	-	C
PR 3	Infant Care Unit	2	B
PR 4	Phototherapy Unit	2	B
PR 5	Weighing Scale, Baby	3	A
PR 6	Laryngoscope Set, Miller's	1	A
PR 7	Infant Resuscitation Bag (Ambu Bag)	1	B
PR 8	Oxygen Monitor	1	B
PR 9	Head Box	-	C
PR 10	Monitor, Neonatal	6	A

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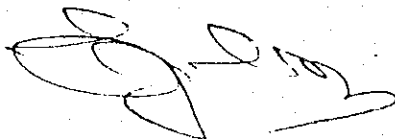
Item No.	Name of Equipment	Q'ty	Priority
PR 11	Ultrasound Scanner, Portable	1	B
PR 12	Ultrasonic Nebulizer	4	A
PR 13	Ventilator, Infant	2	B
PR 14	Infusion Pump, Syringe	5	A
PR 15	Infant Bassinet Stand with Mattress	10	B
PR 16	Blood Gas Analyzer	1	A
PR 17	Hemoglobinometer	1	B
PR 18	Glucose Analyzer	1	B
PR 19	Bilirubin Analyzer	1	B
PR 20	Centrifuge, Hematocrit	1	B
PR 21	Mobile X-ray Unit	1	B
PR 22	Pulse Oximeter	3	A
PR 23	Sphygmomanometer, Electric for Neonate	2	A
PR 24	Monitor, Transcutan	-	C
PR 25	Infant Incubator, Critical Care	-	C
PH	Pediatric ICU		
PH 1	Monitor, Bedside	-	C
PH 2	Laryngoscope Set	2	A
PH 3	Infant Resuscitation Set	-	C
PH 4	Ventilator, Pediatric	2	B
PH 5	Infusion Pump, Syringe	5	A
PH 6	Infusion Pump	-	C
PH 7	Ultrasonic Nebulizer	4	A
PH 8	Weighing Scale, Pediatric (Digital)	-	C
PH 9	Weighing Scale, Pediatric	1	B
PH 10	Resuscitator for Neonate and Infant	-	C
PH 11	Oxygen Tent	-	C
PH 12	Mobile X-ray Unit	-	C
PH 13	Sphygmomanometer, Electric for Pediatric	-	C
PH 14	Sphygmomanometer, Electric for Neonate & Pediatric	1	A
PH 15	Lumber Puncture Instrument Set	-	C
PH 16	Pulse Oximeter	3	A
PH 17	Blood Gas Analyzer	1	B
PE	Physiological Examination		
PE 1	Auto Spirometer	1	B
PE 2	Electrocardiograph 3, 6, 12-ch each	1	A
PE 3	Electrocardiograph Analyzer	1	B
PE 4	Stress Test System	1	B
PE 5	Evoked Potential Measuring System	1	A
PE 6	Electroencephalograph, 24-ch	-	C
PE 7	Ultrasound Scanner, Multipurpose	1	A
PE 8	Fiberscope, Gastrointestinal with Light Source, Diagnostic Use	1	B
PE 9	Fiberscope, Gastrointestinal with Light Source, Treatment Set	1	A
PE 10	Fiberscope, Colono with Light Source	1	A
PE 11	Recto Sigmoidoscope, Rigid Type	1	B
PE 12	Fiberscope, Broncho with Light Source	1	A
PE 13	Endoscope Table	2	B

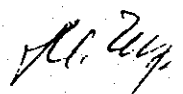
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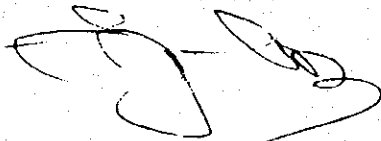
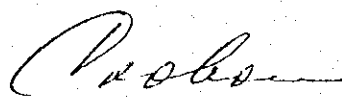
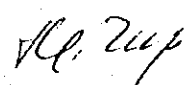
Item No.	Name of Equipment	Q'ty	Priority
PE 14	Endoscope Cabinet	2	A
PE 15	Endoscope Suction Unit	2	A
PE 16	Lecturescope	-	C
PE 17	Fiberscope Cleaning Machine	1	A
PE 18	Cyto-Urethroscope, Infant	1	B
PE 19	Fiberscope, Gastrointestinal with Light Source	-	C
PE 20	Fiberscope, Gastrointestinal with Light Source	-	C
PE 21	Endoscope Television System	1	B
PE 22	Endoscopic Carriage	1	B
PE 23	Endoscopic Film Projector	-	C
PE 24	Electro Surgical Unit	-	C
PE 25	Suction Pump, Portable	-	C
PE 26	Fiberscope Cleaning Machine	-	C
PE 27	Light Source, Halogen I	-	C
PE 28	Photocamera	-	C
PE 29	Adapter for Fiberscope	-	C
PE 30	Appliances for data recording on the photos	-	C
PE 31	8mm Camera	-	C
OT	Operation Theater		
OT 1	Operating Table, Multi Purpose	4	A
OT 2	Operating Table, for Neurosurgery	1	A
OT 3	Operating Light	5	B
OT 4	Suction Unit, Electric	5	A
OT 5	Monitor for Operating Theater, with Cart	2	A
OT 6	Anesthesia Apparatus	2	A
OT 7	Refrigerator, Blood Bank	-	C
OT 8	Ventilator, Infant	-	C
OT 9	Operating Microscope	1	B
OT 10	Surgical Instrument Set for Infant	1	A
OT 11	Nephrectomy Instrument Set	1	A
OT 12	Neurosurgery Instrument Set	1	A
OT 13	Bone Fracture Set	-	C
OT 14	Anterior Spinal Instrument Set	-	C
OT 15	Laminectomy Operating Set	-	C
OT 16	Electric Dermatome	-	C
OT 17	Cysto-Urethroscope	1	A
OT 18	Visual Urethrotome	-	C
OT 19	Resectoscope	-	C
OT 20	Light Source Unit	-	C
OT 21	Laparoscope	1	A
OT 22	Neurosurgery Navigation System	-	C
OT 23	Electrosurgical Unit	3	A
OT 24	Sterilizer	5	B
SR	Surgical ICU		
SR 1	Monitor, Bedside	6	A
SR 2	Laryngoscope Set, Miller's	2	A
SR 3	Infant Resuscitation Bag	-	C

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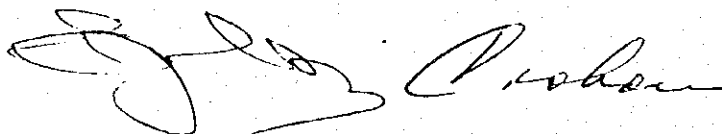


Item No.	Name of Equipment	Q'ty	Priority
SR 4	Ventilator, Infant	2	B
SR 5	Infusion Pump, Syringe	4	A
SR 6	Infusion Pump	-	C
SR 7	Resuscitator for Neonate and Adult	-	C
SR 8	Mobile X-ray Unit	1	B
SR 9	Pulse Oximeter	3	A
SR 10	Pediatric Surgical Incubator	1	A
L	Laboratory		
L 1	Urine Analyzer	1	B
L 2	Water Bath	2	A
L 3	Refrigerator	2	B
L 4	Hemoglobinmeter	1	A
L 5	Refractometer	-	C
L 6	Blood Cell Counter	1	B
L 7	Coagulometer	1	B
L 8	Glucose Analyzer	1	B
L 9	Blood Gas Analyzer	1	A
L 10	Digital Micropipette Set	2	B
L 11	Centrifuge, Hematocrit	1	A
L 12	Microscope, Binocular	5	A
BL	Biochemistry		
BL 1	UV-VIS Spectrophotometer	1	B
BL 2	Centrifuge, High Speed Micro	1	B
BL 3	Centrifuge, Table Top	2	A
BL 4	Centrifuge, Hematocrit	1	A
BL 5	pH Meter	2	A
BL 6	Electrolyte Analyzer	1	A
BL 7	Glucose Analyzer	1	B
BL 8	Bilirubin Analyzer	1	B
BL 9	Coagulometer	1	B
BL 10	Compact Osmometer	1	B
BL 11	Electronic Analytical Balance	2	B
BL 12	Refrigerator	2	A
BL 13	Biochemistry Analyzer	1	B
BL 14	Automatic Diluter Dispenser	-	C
BL 15	Microscope, Universal Research	1	B
BL 16	Water Bath	2	A
BL 17	Autoclave	2	B
BL 18	Sterilizer, Vertical	-	C
BL 19	Blood Diluting Pippette	-	C
BL 20	Pipette Washer	2	A
BL 21	Hemometer	-	C
BL 22	Nefelometer, IgA, IgM, IgG, IgE	1	B
BA	Bacteriology		
BA 1	Freezer, -45°C	-	C
BA 2	pH Meter	-	C
BA 3	Hot Air Sterilizer	-	C

Item No.	Name of Equipment	Q'ty	Priority
BA 4	Microscope, Fluorescence	1	B
BA 5	Microscope, Binocular	-	C
BA 6	Anaerobic System	-	C
GE	Genetic		
GE 1	Incubator, CO2	2	A
GE 2	Microscope, Precision Inverted	1	B
GE 3	Microscope, Versatile Inverted	1	B
GE 4	Electrophoresis Apparatus	-	C
GE 5	Densitometer	-	C
GE 6	Freezer, -85°C	1	B
GE 7	Digital Micro Pipette Set	2	A
GE 8	Hot Air Sterilizer	-	C
GE 9	Chromosome analyzer	1	B
PA	Pathology		
PA 1	Autopsy Instrument Set	1	A
PA 2	Microtome, Freezing	1	B
PA 3	Paraffin Block Humidifier	1	B
PA 4	Microscope, Universal Research	-	C
PA 5	Microscope, Binocular	1	A
PA 6	Tissue Processor	-	C
PA 7	Microtome, Sledge	-	C
PA 8	Microtome, Rotary	-	C
PA 9	Microtome Knife Sharpener	-	C
XR	Radiology		
XR 1	Automatic Film Processor	1	A
CS	CSSD		
CS 1	High Pressure Steam Sterilization	3	A
CS 2	Autoclave, Table Top	-	C
CS 3	Hot Air Sterilizer	-	C
CS 4	Instrument Sterilizer	-	C
CS 5	Ultrasonic Cleaner	1	B
CS 6	Dressing Drum	-	C
IP	Policlinic		
IP 1	Electrocardiograph 3, 6 channel, each	1	A
IP 2	Electrocardiograph Analyzer	1	B
IP 3	Electroencephalograph	1	A
IP 4	Ultrasound Scanner, Multi Purpose	1	A
IP 5	Fiberscope, Gastrointestinal with Light Source	1	A
IP 6	Audiometer	1	A
IP 7	Spirometer	1	A
IP 8	Ophthalmoscope	1	B
IP 9	Computer Tomography	-	C
IP 10	Blood Cell Counter	1	B
IP 11	Cystoscope	1	B
IP 12	Fiberscope, Colono with Light Source	1	A
IP 13	Endoscope Table	1	B
IP 14	Endoscope Cabinet	1	A

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L. L. W. P.

Item No.	Name of Equipment	Q'ty	Priority
IP 15	Fiberscope Cleaning Machine	1	A
IP 16	Full Automatic Full Masking Audiometer	-	C
IP 17	Trial Lens Set	-	C
IP 18	Lensmeter	-	C
IP 19	Pupillo Distance Meter	-	C
IP 20	Indirect Ophthalmoscope with Halogen Lamp	-	C
IP 21	Ultrasonic Cleaner	-	C
IP 22	Manual Desinfector	-	C
IP 23	Camera	-	C
IP 24	Adapter	-	C
AD	Additional Equipment		
AD 1	Instrument Table	15	B
AD 2	Dressing Table	-	C
AD 3	Chart File Cart, Round Type	-	C
AD 4	Medication Cart	-	C
AD 5	Linen Trolley	-	C
AD 6	Chart File Cart	-	C
AD 7	Stretcher	-	C
AD 8	Stool	-	C
AD 9	Aspirator	5	B
AD 10	Aspirator	-	C
AD 11	Delivery Bed	-	C
AD 12	Examination Table	-	C
AD 13	Baby Cot	-	C
AD 14	Minor Operating Table	-	C
AD 15	Overbed Table	-	C
AD 16	Operating Light, Large	-	C
AD 17	Operating Light, Small	-	C
AD 18	Instrument Cabinet	-	C
AD 19	Laryngoscope with Fiber Illumination	-	C
AD 20	Lumber Anaesthesia Needle	-	C
AD 21	Lumber Puncture Instrument Set	5	A
AD 22	Biopsy Needle	3	A
AD 23	Bone Marrow Set	3	A
AD 24	X-ray Film Illuminator	-	C
AD 25	Instrument Tray Stand, Mayo	-	C
AD 26	Dressing Drum Stand	-	C
AD 27	Instrument Carriage	-	C
AD 28	Instrument Sterilizing Tray	-	C
AD 29	Dressing Drum	-	C
AD 30	Catheter Tray	-	C
AD 31	Sphygmanometer	-	C
AD 32	Clinical Thermometer	-	C

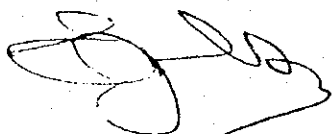





Clinic No. 2

Item No.	Name of Equipment	Q'ty	Priority
DL	Laboratory		
DL 1	Electrophoresis, Complete Automatic	-	C
DL 2	Glucose Analyzer	1	B
DL 3	Bilirubin Analyzer	1	B
DL 4	Electrolyte Analyzer	-	C
DL 5	Blood Gas Analyzer with Na, K, Cl	1	B
DL 6	UV-VIS Spectrophotometer	-	C
DL 7	Spectrophotometer	-	C
DL 8	pH Meter	1	B
DL 9	Automatic Diluter Dispenser	-	C
DL 10	Centrifuge, Refrigerated	-	C
DL 11	Centrifuge, Hematocrit	1	A
DL 12	Centrifuge, Table Top	3	A
DL 13	Microscope, Binocular	2	A
DL 14	Microscope, Inverted	1	A
DL 15	Autoclave	2	A
DL 16	Sterilizer, Vertical	2	A
DL 17	Water Bath	2	A
DL 18	Blood Diluting Pipette	20	A
DL 19	Pipette Washer	5	A
DL 20	Hemometer	1	A
DL 21	Hemoglobinmeter	1	B
DL 22	Differential Leucocyte Counter	2	A
DL 23	Coagulometer	1	B
DL 24	Densitometer	-	C
DL 25	Biochemistry Analyzer	1	B
DL 26	Blood Cell Counter	2	B
DL 27	Drying Oven	4	A
DL 28	Automatic Dispenser	2	A
DL 29	Micropipette Set	1	A
DL 30	Laboratory Center Table	-	C
DL 31	Automatic Water Distillation Apparatus	2	A
DL 32	Analytical Balance, Electronic	2	A
FD	Functional Diagnostic		
FD 1	Electroencephalograph 12-ch	-	C
FD 2	ECG Analysis System	-	C
FD 3	Telemetry ECG Monitor	1	B
FD 4	Electrocardiograph, 6-ch	1	A
FD 5	Electrocardiograph, Portable Type	2	A
FD 6	Ultrasound Scanner with Doppler Unit	1	A
FD 7	Fiberscope, Gastrointestinal	1	A
FD 8	Fiberscope, Colono with Light Source	-	C
FD 9	Endoscopic Table	-	C
FD 10	Endoscopic Cabinet	1	A
FD 11	Screen	-	C
FD 12	Revolving Chair	-	C

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Crosby

H. 20/4

Item No.	Name of Equipment	Q'ty	Priority
FD 13	Instrument Cabinet	1	A
FD 14	Endoscopic TV-System for Fiberscope	-	C
FD 15	Light Source for Fiberscope	-	C
ENT	ENT		
ENT 1	Head Mirror	20	B
ENT 2	Takagi Ear Speculum	50	B
ENT 3	Ear Speculum	-	C
ENT 4	Bruening Aural Magnifier	2	B
ENT 5	Suction Pressure Pump	5	B
ENT 6	Lucac Entachian Catheter	5	B
ENT 7	Diagnostic Set	-	C
ENT 8	Lucac Double Air Bag	5	B
ENT 9	Ear Surgical Instrument Set	2	B
ENT 10	Automatic Recording Audiometer with Printer	-	C
ENT 11	Infant Audiometer	1	B
ENT 12	Laryngo Stroboscope	1	B
ENT 13	Full Automatic Full Masking Audiometer	-	C
ENT 14	Hajec Ethmoid Cellulitis Operating Instrument Set	2	B
ENT 15	Tonsillectomy Set	2	B
ENT 16	Luer Tracheal Tube	-	C
ENT 17	Tracheotomy Set	2	B
ENT 18	Jackson Laryngoscope for Children	-	C
ENT 19	Ono Esophageal Speculum for Children	1	B
ENT 20	Ono Jackson Bronchoscope Set	2	B
ENT 21	Bruening Bronchoscope and Esophagoscopy Forceps	2	B
ENT 22	ENT Operating Table	2	B
ENT 23	Binocular Operating Microscope	1	E
ENT 24	ENT Treatment Chair	1	B
ENT 25	ENT Treatment Unit, Single Sided type	1	B
ENT 26	Coagulator	2	B
ENT 27	Spectacle	-	C
OP	Ophthalmology		
OP 1	Refracting Unit	1	B
OP 2	Trial Lens Set	1	B
OP 3	Lensmeter	-	C
OP 4	Universal Trial Frame, Adult	2	B
OP 5	Trial Frame, Child	2	B
OP 6	Cross Cylinder	-	C
OP 7	Universal Ophthalmic Measure	-	C
OP 8	Pupillo Distance Meter	-	C
OP 9	Indirect Ophthalmoscope with Halogen Lamp	4	B
OP 10	Skiascopy Rasks	2	B
OP 11	Synoptoscope	1	B
OP 12	Projection Perimeter	-	C
OP 13	Pulse Hand Magnet	1	B
OP 14	Bipolar Coagulator	1	B
OP 15	Diatemy Unit	-	C

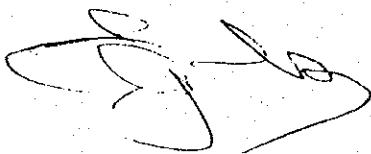
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J. C. W. P.

Item No.	Name of Equipment	Q'ty	Priority
OP 16	Echo Scan	1	B
OP 17	Operating Microscope	1	B
OP 18	Razor Blade Instrument	-	C
OP 19	Razor Blade Holder	-	C
OP 20	Razor Blade Breaker and Holder	-	C
OP 21	Ophthalmology Treatment Set	2	B
OP 22	Operating Table, Universal	1	B
OP 23	Vitreoton	-	C
OP 24	Microsurgical Instrument Ophthalmology Set	1	B
OP 25	Microsurgical Instrument for Keratoplasty Set	-	C
OP 26	Instrument Set for Nasal Eye Channel Set	1	B
OP 27	Stretcher	2	B
OP 28	Instrument Tray Stand	2	B
OP 29	Revolving Chair	2	B
OP 30	Foot Step, Two-Steps	-	C
OP 31	Ophthalmoscope	5	B
OT	Operation Theater		
OT 1	Operating Instrument Set	5	A
OT 2	Tracheotomy Instrument Set	1	A
OT 3	Solid State Bipolar Coagulation Unit	2	A
OT 4	Operating Table, Universal	4	A
OT 5	Operating Light with Battery, Stand Type	3	A
OT 6	Electric Suction Unit for Surgical Operation	5	A
OT 7	Portable Suction Unit	-	C
OT 8	Autoclave	3	A
OT 9	Stretcher	2	A
OT 10	Instrument Table	5	B
OT 11	Instrument Cabinet	4	A
XR	Radiology		
XR 1	General X-ray System	-	C
XR 2	Lead Glass	-	C
XR 3	Lead Rubber Sheet	-	C
XR 4	Protective Gown	-	C
XR 5	Protective Apron	2	A
XR 6	Protector for Sexual Organa for Children	4	A
XR 7	Protective Cap for Children	-	C
XR 8	Protective Glasses	-	C
XR 9	Film Loading Desk	-	C
XR 10	Preserving Box	-	C
XR 11	Intensifying Screens, 5 size/set	4	A
XR 12	X-ray Film Cassette	-	C
XR 13	X-ray Film Keeping Shelf	-	C
XR 14	X-ray Film Processor	1	A
XR 15	Protector	-	C
XR 16	Film Marker	-	C
XR 17	Test Chart	-	C
HO	Others		

Item No.	Name of Equipment	Q'ty	Priority
HO 1	Treatment Table	5	B
HO 2	Examining Couch	10	B
HO 3	Laryngoscope with Fiber Illumination	2	A
HO 4	Lumber Anesthesia Needle	-	C
HO 5	Lumber Puncture Instrument Set	5	A
HO 6	Biopsy Needle	5	B
HO 7	Bone Marrow Biopsy Set	-	C
HO 8	X-ray Film Illuminator	2	A
HO 9	Instrument Cabinet	5	B
HO 10	Medicine Cabinet	10	B
HO 11	Arm Rest Stand for Infusion	-	C
HO 12	Instrument Table	-	C
HO 13	Treatment Carriage	-	C
HO 14	Instrument Tray Table, Mayo	5	B
HO 15	Dressing Drum Stand	5	B
HO 16	Instrument Carriage	-	C
HO 17	Instrument Sterilizing Tray	-	C
HO 18	Dressing Drum	30	A
HO 19	Catheter Tray	3	B
HO 20	Bed	-	C
HO 21	Bed, Pediatric	-	C
HO 22	Infusion Pump, Syringe	5	A
HO 23	Ventilator, Pediatric	1	B
HO 24	Examination Table, Pediatric	-	C
HO 25	Weighing Scale, Pediatric	-	C
HO 26	Oxygen Tent	-	C
HO 27	Bedside Cabinet	-	C
HO 28	Overbed Table	-	C
HO 29	Sphygmomanometer	-	C
HO 30	Clinical Thermometer	-	C
HO 31	Chart Projector	2	A
HO 32	Pen Light	-	C
HO 33	Percussion Hammer	-	C
HO 34	Circulatoru System	-	C
HO 35	Heart Model	-	C
HO 36	Larynx Model	-	C
HO 37	Eyeball Model	-	C
HO 38	Ear Model	-	C
HO 39	Blood Collection & Intravenous Injection Simulator	-	C
HO 40	Doll for Nursing	-	C
HO 41	Drying Oven	12	B
HO 42	Hot Air Sterlizer	4	B

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H.C. W.P.

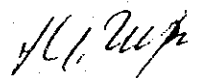
Basic Criteria for Selection of Equipment

1) Equipment which will be included in the Grant Aid

- (1) Replacement of the equipment which is used in daily therapeutic and diagnostic activities but aged and in poor condition.
- (2) Supplement of the equipment whose necessity can be justified by the expansion of the therapeutic and diagnostic activities.
- (3) Equipment of which needs and appropriateness concerning therapeutic and diagnostic activities (the number of patients, the number of the specimen) are fully confirmed.
- (4) Equipment of which operation and maintenance cost is affordable by the Moldavian side.
- (5) Equipment which can be dealt with easier and established technologies.
- (6) Equipment which is to be effectively applied to many patients.
- (7) Equipment of which cost performance is high.
- (8) Equipment of which medical usefulness has already established.

2) Equipment which be excluded from the Grant Aid

- (1) Equipment of which maintenance is troublesome technically and financially.
- (2) Consumables.
- (3) Equipment of which spare parts and consumables is difficult to purchase in Moldova.
- (4) Equipment of which number is over a minimum of necessity (duplicates and/or inefficiency).
- (5) Equipment which requests a big renovation of infrastructure such as water, electricity and drainage.
- (6) Equipment of which effectiveness is limited.
- (7) Equipment of which cost performance is low.
- (8) Equipment which exists easily alternative one.
- (9) Equipment which uses materials which may cause environmental problem, such as Freon pollution, sewage, exposition to radioactive and waste disposal.
- (10) Equipment for scientific research.



Japan's Grant Aid

1. Japan's Grant Aid System

(1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non-reimbursable funds to procure the facilities, equipment and services (engineering services and transportation of the products, etc.) for economic and social development of the country under principles in accordance with the relevant laws and regulations of Japan. The Grant Aid is not supplies through the donation of materials as such.

(2) Exchange of Notes (E/N)

Japan's Grant Aid is extended in accordance with the Notes exchanged by the two governments concerned, in which the objectives of the Project, period of the execution, conditions and amount of the Grant Aid and etc., are confirmed.

(3) "The period of the Grant Aid" means the one fiscal year which the Cabinet approves the Project. Within the fiscal year, all procedures such as Exchanging of the Notes, concluding contracts with (a) consultant firms(s) and (a) contractor(s) and final payment to them must be completed.

However in case of delays in delivery, installation or construction due to unforeseen factors such as weather, the period of the Grant Aid can be further extended for a maximum of one fiscal year at most by mutual agreement between the two governments.

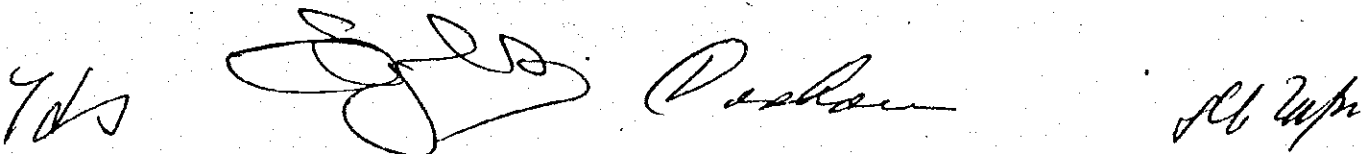
(4) Under the Grant Aid, in principle, Japanese products and services including transport or those of the recipient country are to be purchased.

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

However, the prime contractors, namely, consulting constructing and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means persons of Japanese nationality or Japanese corporations controlled by persons of Japanese nationality.)

(5) Necessity of "Verification"

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



(6) Undertakings required of the Government of the Recipient Country

In the implementation of the grant aid project, the recipient country is required to undertake such as necessary measures as the following:

- 1) To secure the completion of building rehabilitation work prior to the procurement of the equipment.
- 2) To provide facilities for the distribution of electricity, water supply and drainage and other incidental facilities in and around the sites.
- 3) To secure buildings prior to the procurement in case the installation of the equipment.
- 4) To ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid.
- 5) To exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the verified contracts.
- 6) To accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.
- 7) "Proper Use"
The recipient country is required to maintain and use the facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for this operation and maintenance as well as to bear all the expenses other than those covered by the Grant Aid.
- 8) "Re-export"
The products purchased under the Grant Aid should not be re-exported from the recipient country.

9) Banking Arrangements (B/A)

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

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- b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under authorization to pay issued by the government of the recipient country or its designated authority.

2. Grant Aid Procedures

(1) Japan's Grant Aid Program is executed through the following procedures.

Application	(Request made by a recipient country)
Study	(Basic Design Study conducted by JICA)
Appraisal & Approval	(Appraisal by the Government of Japan and Approval by Cabinet)
Determination of Implementation	(The Notes exchanged between the governments of Japan and the recipient country)

(2) Firstly, the application or request for a grant aid project submitted by a recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to determine whether or not it is eligible for the Grant Aid. If the request is deemed appropriate, the Government of Japan assigns JICA (Japan International Cooperation Agency) to conduct a study on the request.

Secondly, JICA conducts the study (Basic Design Study), using (a) Japanese consulting firm (s).

Thirdly, the Government of Japan appraises the project to see whether or not it is suitable for Japan's grant aid program, based on the basic design study report prepared by JICA, and the results are then submitted to the Cabinet for approval.

Fourthly, the project, once approved by the Cabinet, becomes official with the Exchange of Notes signed by the governments of Japan and the recipient country.

Finally, for the implementation of the project, JICA assists the recipient country in such matters as preparing tenders, contracts and so on.

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3. Basic Design Study

(1) Contents of the Study

The aim of the Basic Design Study (hereafter referred to as "the Study"), conducted by JICA on a requested project (hereafter referred to as "the Project") is to provide a basic document necessary for the appraisal of the Project by the Japanese Government. The contents of the Study are as follows:

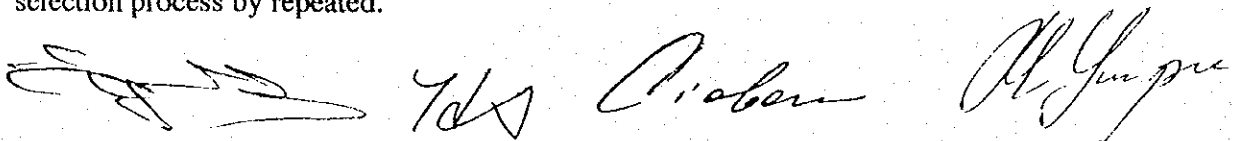
- a) Confirmation of the background, objectives, and benefits of the requested Project and also institutional capacity of agencies concerned of the recipient country necessary for the Project's implementation.
- b) Evaluation of the appropriateness of the Project to be implemented under the Grant Aid Scheme from a technical, social and economic point of view.
- c) Confirmation of items agreed on by both parties concerning the basic concept of the Project.
- d) Preparation of a basic design of the Project.
- e) Estimation of cost of the Project.

The contents of the original request are not necessarily approved in their initial form as the contents of the Grant Aid project. The Basic Design of the Project is confirmed considering the guidelines of Japan's Grant Aid Scheme.

The Government of Japan requests the Government of the recipient country to take whatever measures are necessary to ensure its self-reliance in the implementation of the Project. Such measures must be guaranteed even though they may fall outside of the jurisdiction of the organization in the recipient country actually implementing the Project. Therefore, the implementation of the Project is confirmed by all relevant organizations of the recipient country through the Minutes of Discussions.

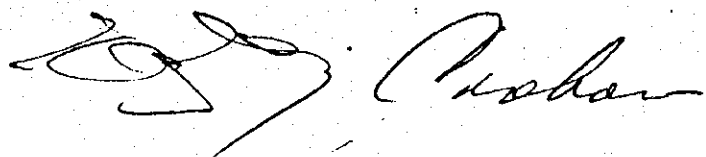

2) Selection of consultants

For smooth implementation of the Study, JICA uses (a) registered consultant firm(s). JICA selects (a) firm(s) based on proposals submitted by interested firms. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference set by JICA. The consulting firm(s) used for the Study is (are) recommended by JICA to the recipient country to also work on the Project's implementation after the Exchange of Notes, in order to maintain technical consistency and also to avoid any undue delay in implementation should the selection process be repeated.



Necessary Measures to be taken by the Government of Moldova in case Japanese Grant Aid is executed

1. To secure the sites for the Project.
2. To clear the sites prior to commencement of the installation.
3. To provide facilities for distribution of electricity, water supply, drainage and other incidental facilities in and around the sites.
4. To secure building prior to the procurement in case the installation of the equipment.
5. To bear commissions to the bank in Japan for the banking services based upon Banking Arrangements.
6. To exempt taxes and to take necessary measures for customs clearances of the materials and equipment brought for the Project at the port of disembarkation to the project sites.
7. To accord Japanese nationals whose services may be required in connection with the supply of products and the services under verified contracts such facilities as may be necessary for their entry into Moldova and stay therein for the performance of their work.
8. To maintain and use properly and effectively the equipment purchased under the Grant Aid.
9. To ensure all the expense and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the product under the Grant Aid.



**MINUTES OF DISCUSSIONS
ON
THE BASIC DESIGN STUDY
ON
THE PROJECT FOR IMPROVEMENT OF MEDICAL EQUIPMENT
FOR MOTHER AND CHILD REPUBLICAN HOSPITAL
IN
THE REPUBLIC OF MOLDOVA
(CONSULTATION ON DRAFT REPORT)**

In September 1998, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study team on the Project for Improvement of Medical Equipment for Mother and Child Republican Hospital in the Republic of Moldova (hereinafter referred to as "the Project"), and through discussions, field survey, and technical examination of the results in Japan, has prepared the draft report of the study.

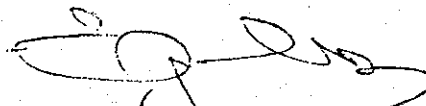
In order to explain and to consult the Moldavian side on the components of the draft report, JICA sent to Moldova a study team, which is headed by Dr. Takako YAMADA, International Medical Center of Japan and is scheduled to stay in the country from December 2 to December 21, 1998.

As a result of discussions, both parties have confirmed the main items described on the attached sheets.

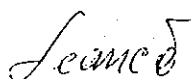
Kishinev, December 18, 1998



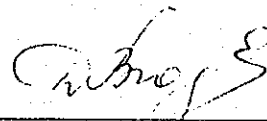
Dr. Takako YAMADA
Leader,
Draft Report Explanation Team,
JICA



Prof. Eugen Gladun
Minister of Health,
The Republic of Moldova



Mr. Yurie Leanca
Vice Minister of Foreign Affairs,
The Republic of Moldova



Mr. Dumitru BRAGHIS
First Deputy Minister of Economy and
Reformes,
The Republic of Moldova

ATTACHMENT

1. Components of the draft report

The Moldavian side has in principal agreed and accepted the components of the draft report proposed by the Team.

2. Items requested by the Moldavian side.

After discussions with the Team, the following items were finally requested by the Moldavian side .

- 1) Procurement of Medical Equipment:
Equipment list is in Annex 1

However, the final items of the Project will be decided after further studies.

3. Japan's Grant Aid System

- 1) The Moldavian side has understood the system of Japan's Grant Aid as described in Annex 2.
- 2) The Moldavian side will take necessary measures, as described in Annex 3 for smooth implementation of the Project, on condition that the Grant Aid by the Government of Japan is extended to the Project.

4. Presentation of the final report

JICA will make the final report in accordance with the confirmed items and send it to the Moldavian side around April, 1999.


5. Other Relevant Issues

- 1) Budget of the Mother and Child Republican Hospital (hereinafter referred to as "the Hospital")

The Ministry of Health will allocate necessary budget to the Hospital for its medical services and for the management and maintenance of the equipment planned under the Japanese Grant Aid.

And the Hospital will continue the following measures to complement its financial balance.

- a) Improvement on the coverage of the user fee collection.
- b) Reduction of the expenditure (for example, reduction of light and fuel expenses using the inexpensive resources such as the hot water supply from the baking factory located near the Hospital during winter season).
- c) Others

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2) Administration of the medical equipment

The Hospital will have the responsibility to administer the medical equipment planned under the Japanese Grant Aid and to use them efficiently. So after the delivery of the equipment, the Hospital will register them on the list of its fixtures and will provide the necessary maintenance service and consumable goods (especially, the reagent for the laboratory equipment).

3) Registration of the medical equipment

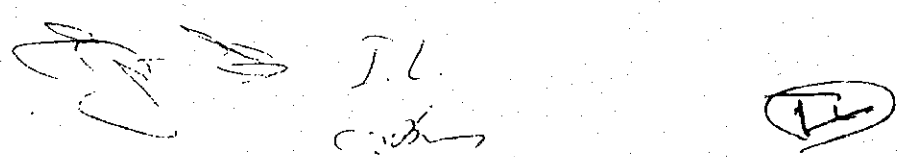
The Ministry of Health declared that the medical equipment which will be imported to Republic of Moldova under Japanese Grant Aid isn't required the registration procedure which is applied to the commercial importation of medical equipment, and that even it isn't registered, importation of the related materials such as spare parts and consumable goods is allowed.

4) Monitoring and evaluation

The Hospital will conduct periodical monitoring on the activities and evaluate the impact of the Project in respect of the medical services. The result of the monitoring and evaluation will be reported annually to Embassy of Japan in Ukraine.

5) Secrecy of the information on the Project

To secure the fairness of competitive tender, the concrete information on the Project is confidential to the private suppliers. So even if the private suppliers ask Moldavian side about the Project, it shouldn't give any information to them until the official announcement of the tender.

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Clinic No. 1

Item No.	Name of Equipment	Qty
Delivery Room		
DR 1	Cardio Tocograph	2
DR 2	Infant Care Unit	3
DR 3	Weighing Scale, Baby	3
DR 4	Ultrasound Scanner	1
DR 5	Laryngoscope Set for Infant and Adult	2
DR 6	Infant Resuscitation Bag	4
DR 7	Delivery Table	3
DR 8	Vacuum Extractor	2
DR 9	Suction Unit	3
DR 10	Doppler Fetal Detector	2
DR 11	Vaginal Speculum, Cusco	20
DR 12	Wheel Chair	2
DR 13	Emergency Cart	1
Pathological Newborn		
PN 1	Infant Incubator	2
PN 2	Heated Humidifier	2
PN 3	Weighing Scale, Baby	4
PN 4	Laryngoscope Set for Infant	1
PN 5	Infant Resuscitation Bag	2
PN 6	Oxygen Monitor	2
PN 7	Syringe Pump	4
PN 8	Monitor, Neonatal	2
PN 9	Ultrasonic Nebulizer	2
PN 10	Ultrasound Scanner, Portable	1
PN 11	Pulse Oximeter	4
Maternal ICU		
MI 1	Ventilator, Adult	1
MI 2	Laryngoscope Set for Adult	1
MI 3	Monitor, Bedside	2
MI 4	Pulse Oximeter	2
Express Laboratory		
EL 1	Centrifuge, Hematocrit	2
EL 2	Blood Gas Analyzer	1
EL 3	Microscope, Binocular	4
EL 4	Hemometer	2
EL 5	Bilirubin Analyzer	2
Maternity Operation Theater		
MO 1	Operating Table	3
MO 2	Suction Unit	3
MO 3	Anesthesia Apparatus	1
MO 4	Electrosurgical Unit	3
MO 5	Stretcher	2
MO 6	Monitor, Bedside	1

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List of Equipment

Annex-1
2/4

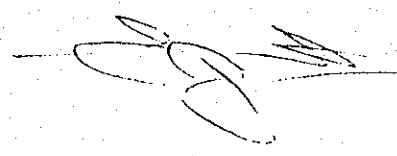
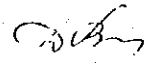

Item No.	Name of Equipment	Qty
MO 7	Operating Instrument Set for OB. and GY.	3
MO 8	Small Operating Instrument Set	3
MO 9	Laparoscope with TV and VTR	1
Premature Baby ICU		
PB 1	Infant Incubator	3
PB 2	Infant Care Unit	2
PB 3	Weighing Scale, Baby	2
PB 4	Laryngoscope Set for Infant	1
PB 5	Infant Resuscitation Bag	1
PB 6	Oxygen Monitor	1
PB 7	Monitor, Neonatal	2
PB 8	Ultrasound Scanner, Portable	1
PB 9	Ultrasonic Nebulizer	2
PB 10	Syringe Pump	5
PB 11	Pulse Oximeter	3
PB 12	Sphygmomanometer, Electric for Neonate	2
Pediatric ICU		
PI 1	Laryngoscope Set for Infant and Adult	2
PI 2	Ventilator, Pediatric	1
PI 3	Syringe Pump	5
PI 4	Ultrasonic Nebulizer	2
PI 5	Weighing Scale, Pediatric	1
PI 6	Sphygmomanometer, Electric for Neonate & Pediatric	2
PI 7	Pulse Oximeter	3
Physiological Examination		
PE 1	Spirometer, Auto	1
PE 2	Electrocardiograph 6 channel	1
PE 3	Evoked Potential Measuring System	1
PE 4	Ultrasound Scanner, Multipurpose	1
PE 5	Fiberscope, Gastrointestinal with Light Source for Child	1
PE 6	Fiberscope, Gastrointestinal with Light Source for Adult	1
PE 7	Fiberscope, Colono with Light Source	1
PE 8	Rectoscope with Light Source, Rigid Type	1
PE 9	Bronchoscope with Light Source, Rigid Type	1
PE 10	Endoscope Cabinet	2
PE 11	Fiberscope Cleaning Machine	1
PE 12	Cysto-Urethroscope, Infant	1
PE 13	Endoscope TV System	1
Operation Theater		
OT 1	Operating Table	4
OT 2	Operating Table for Neurosurgery	1
OT 3	Operating Light	5
OT 4	Suction Unit	5
OT 5	Monitor, Bedside	2
OT 6	Anesthesia Apparatus	4

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List of Equipment

Item No.	Name of Equipment	Qty
OT 7	Surgical Instrument Set for Infant	2
OT 8	Nephrectomy Instrument Set	2
OT 9	Neurosurgery Instrument Set	2
OT 10	Bone Fracture Set	2
OT 11	Cysto-Urethroscope	1
OT 12	Electrosurgical Unit	3
OT 13	Lumber Puncture Instrument Set	3
OT 14	Biopsy Needle	3
Surgical ICU		
SI 1	Monitor, Bedside	2
SI 2	Laryngoscope Set for Infant and Adult	2
SI 3	Ventilator, Infant	1
SI 4	Syringe Pump	4
SI 5	Pulse Oximeter	3
SI 6	Infant Incubator	1
Laboratory		
LA 1	Water Bath	2
LA 2	Hemoglobinmeter	1
LA 3	Blood Cell Counter	1
LA 4	Micropipette Set, Digital	2
LA 5	Centrifuge, Hematocrit	1
LA 6	Microscope, Binocular	7
Biochemistry		
BC 1	Spectrophotometer	1
BC 2	Centrifuge, Table Top	2
BC 3	Centrifuge, Hematocrit	1
BC 4	pH Meter	1
BC 5	Electrolyte Analyzer	1
BC 6	Analytical Balance	1
BC 7	Refrigerator	2
BC 8	Microscope, Binocular	1
BC 9	Water Bath	2
BC 10	Pipette Washer	2
Bacteriology		
BA 1	Refrigerator	1
BA 2	pH Meter	1
BA 3	Hot Air Sterilizer	1
BA 4	Microscope, Fluorescence	1
BA 5	Microscope, Binocular	2
BA 6	Water Distiller	1
Genetic		
GE 1	Incubator, CO2	1
GE 2	Microscope, Inverted	1
GE 3	Microscope with photo attachment	1
GE 4	Freezer, -85°C	1

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List of Equipment

Item No.		Name of Equipment	Qty
GE	5	Micropipette Set, Digital	2
GE	6	Ultrasound Scanner	1
Pathology			
PA	1	Autopsy Instrument Set	2
PA	2	Microtome, Freezing	1
PA	3	Microscope, Binocular	2
Radiology			
RA	1	Film Processor, Automatic	1
Linen Sterilizing Room			
LS	1	High Pressure Steam Sterilizer	2
Policlinic			
PL	1	Electrocardiograph, 6 channel	1
PL	2	Electroencephalograph	1
PL	3	Ultrasound Scanner	1
PL	4	Audiometer	1
PL	5	Spirometer	1
PL	6	Ophthalmoscope	2
PL	7	Trial Lens Set	2
PL	8	Colposcope	1

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List of Equipment

Annex-1
1/2

Clinic No. 2

Item No.	Name of Equipment	Qty
Laboratory		
LA 1	Spectrophotometer	2
LA 2	pH Meter	1
LA 3	Centrifuge, Hematocrit	1
LA 4	Centrifuge, Table Top	4
LA 5	Microscope, Binocular	11
LA 6	Incubator	4
LA 7	Autoclave, Vertical	1
LA 8	Water Bath	2
LA 9	Blood Diluting Pipette	10
LA 10	Pipette Washer	5
LA 11	Hemometer	1
LA 12	Hemoglobinmeter	1
LA 13	Differential Leucocyte Counter	6
LA 14	Blood Cell Counter	1
LA 15	Hot Air Sterilizer	5
LA 16	Dispenser, Automatic	2
LA 17	Micropipette Set, Digital	7
LA 18	Water Distiller	1
LA 19	Analytical Balance	1
Functional Diagnostic		
FD 1	Holter ECG Analyzer System	1
FD 2	Electrocardiograph, 6 channel	1
FD 3	Electrocardiograph, Portable Type	1
FD 4	Ultrasound Scanner with Doppler	1
FD 5	Fiberscope, Gastrointestinal with Light Source	1
FD 6	Endoscope Cabinet	1
FD 7	Instrument Cabinet	1
FD 8	Lecturescope	1
ENT		
EN 1	Suction Pressure Pump	5
EN 2	Diagnostic Set	2
EN 3	Ear Surgical Instrument Set	2
EN 4	Tonsillectomy Set	2
EN 5	Tracheotomy Instrument Set	2
EN 6	Esophageal Speculum for Child	1
EN 7	Bronchoscope with Light Source, Rigid Type	1
EN 8	Operating Microscope, Binocular	1
Ophthalmology		
OP 1	Slit Lamp Microscope	1
OP 2	Trial Lens Set	2
OP 3	Hand Mirror	9
OP 4	Skiascopy Rack	2
OP 5	Synoptiscope	1
OP 6	Pulse Hand Magnet	1



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List of Equipment

Item No.	Name of Equipment	Qty
OP 7	Operating Microscope	1
OP 8	Ophthalmology Treatment Set	2
OP 9	Stretcher	1
OP 10	Ophthalmoscope	2
OP 11	Chart Projector	2
Operation Theater		
OT 1	Operating Instrument Set	5
OT 2	Tracheotomy Instrument Set	1
OT 3	Electrosurgical Unit	3
OT 4	Operating Table	5
OT 5	Operating Light with Battery, Stand Type	5
OT 6	Suction Unit	5
OT 7	Autoclave, Vertical	2
OT 8	Stretcher	2
OT 9	Instrument Cabinet	4
OT 10	Laryngoscope Set for Infant and Adult	2
Radiology		
RA 1	Protective Apron	2
RA 2	Protector for Sexual Organs for Child	2
RA 3	Cassette and Intensifying Screens, 5 sizes/set	2
RA 4	Film Processor, Manual	1
RA 5	X-ray Film Illuminator	2
Wards		
WA 1	Treatment Table	5
WA 2	Examining Couch	10
WA 3	Lumber Puncture Instrument Set	3
WA 4	Biopsy Needle	3
WA 5	Instrument Cabinet	3
WA 6	Medicine Cabinet	8
WA 7	Dressing Drum Set	3
WA 8	Syringe Pump	3
WA 9	Ventilator, Infant	1
WA 10	Oxygen Tent	3
WA 11	Hot Air Sterilizer	13

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JAPAN'S GRANT AID PROGRAM

1. Japan's Grant Aid Procedures

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

Application (Request made by a recipient country)

Study (Preliminary Study / Basic Design Study conducted by JICA)

Appraisal & Approval (Appraisal by the Government of Japan and Approval by the Cabinet of Japan)

Determination of Implementation (Exchange of Notes between the both Governments)

Implementation (Implementation of the Project)

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

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

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

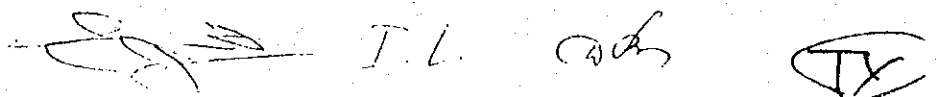
Fourthly, the Project approved by the Cabinet becomes official when pledged by the Exchange of Notes signed by the both Governments.

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

2. Contents of the Study

(1) Contents of the Study

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



Study are as follows:

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

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

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

(2) Selecting (a) Consulting Firm(s)

For smooth implementation of the study, JICA uses (a) consulting firm(s) registered. JICA selects (a) firm(s) through proposals submitted by firms which are interested. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference made by JICA. The consulting firm(s) used for the study is (are) recommended by JICA to a recipient country after Exchange of Notes, in order to maintain technical consistency and also to avoid possible undue delay in implementation caused if a new selection process is repeated.

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

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

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

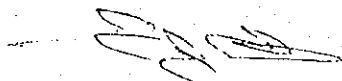
Based on the result of the Basic Design Study, the Government would proceed to the stage of decision making process (appraisal and approval).

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

3. Japan's Grant Aid Scheme

(1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non reimbursable funds needed to procure facilities, equipment and services for economic



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and social development of the country under the following principles in accordance with relevant laws and regulations of Japan. The Grant Aid is not in a form of donation or such.

(2) Exchange of Notes (E/N)

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

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

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

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

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

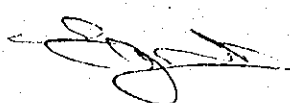
(5) Necessity of the "Verification"

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

(6) Undertakings required to the Government of the recipient country

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

- a) to secure land necessary for the sites of the project and to clear and level the land prior to commencement of the construction work,
- b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites,
- c) to secure buildings prior to the installation work in case the Project is providing equipment,



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- d) to ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid,
- e) to exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,
- f) to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified Contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

(7) Proper Use

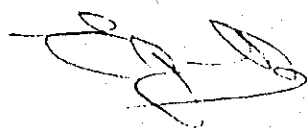
The recipient country is required to maintain and use facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for their operation and maintenance as well as to bear all expenses other than those to be borne by the Grant Aid.

(8) Re-export

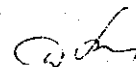
The products purchased under the Grant Aid shall not be re-exported from the recipient country.

(9) Banking Arrangement (B/A)

- a) The Government of the recipient country or its designated authority shall open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by Government of the recipient country or its designated authority under the contracts verified.
- b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an Authorization to Pay issued by the Government of the recipient country or its designated authority.



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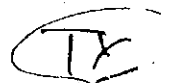
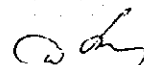


NECESSARY MEASURES TO BE TAKEN
BY THE GOVERNMENT OF MOLDOVA

1. to provide data and information necessary for the Project,
2. to secure the site for the Project,
3. to bear commissions to the Japanese foreign exchange bank for its banking service based upon the Banking Arrangement (B/A), namely the advertising commission of the Authorization to Pay (A/P) and payment commission,
4. to ensure tax exemption, customs clearance at the port of disembarkation and prompt internal transportation therein of the materials and equipment for the Project purchased under the Grant Aid,
5. to exempt Japanese juridical and physical nationals engaged in the Project from customs duties, internal taxes and other fiscal levies which may be imposed in Moldova with respect to the supply of the products and services under the verified contracts,
6. to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the verified contracts such facilities as may be necessary for their entry into Moldova and stay therein for the performance of their work,
7. to provide necessary permissions, licenses and other authorizations for implementing the Project, if necessary,
8. to assign appropriate budget and staff for proper and effective operation and maintenance of equipment procured under the Grant Aid,
9. to maintain and use properly and effectively the equipment procured under the Project, and
10. to bear all the expenses, other than those to be borne by the Japan's Grant Aid within the scope of the Project.



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5. Monitoring Index

Project of Mother and Child Republican Hospital supported by JICA

1. Overall goal of the Project

Medical care services for mother and child in Moldova is improved.

2. Project purpose

The function of the Hospital is strengthened.

3. Outputs

- 1) The basic medical care for mother and child in the Hospital is improved.
- 2) The activities in the Hospital as a tertiary center for perinatal and pediatric care is strengthened.
- 3) The financial situation of the Hospital is improved by introduction of the user fee system followed by improving the quality of diagnosis and treatment services for patients.

4. Activities

1)	
2)	
3)	

5. Inputs

- 1) Japan : Medical equipment
- 2) Moldova: Human resources, Drug and consumables, Running cost

6. Indicators

1. Overall goal	MMR, IMR, NMR and PMR in Moldova Number of the pregnant women with complications	Statistics of MOH
2. Project purpose	Number of the patients in the Hospital Number of the referral cases to the Hospital Death rate of the patients in the Hospital Days of the equipment which is not functioning	Statistics of the Hospital
3. Outputs	1)Waiting time of the patients for laboratory examination in polylinic Number of the asphyxia newborn Time saving of laboratory staff 2)Number of severe cases 3)Income from user fee	Interview to the patients Statistics of ICU Statistics of the accountant

Indicators to measure the improvement of the quality of services of the Hospital

A. Clinic No.1

1. Obstetric department

Delivery room, Pathological newborn, Maternal ICU, Maternal express laboratory, Maternal OT

- 1) Number of the referral cases of pregnant women
- 2) Number of the patients who come directly to the Hospital
- 3) Number of the deliveries
- 4) Number of the pregnant women with complications such as toxemia, hemorrhage etc.
- 5) Number of maternal death
- 6) Number of the Cesarean section
- 7) Incidence of the complications of post-operation
- 8) Number of diagnosis such as placenta previa detected by ultrasound
- 9) Number of the vacuum deliveries
- 10) Number of the neonatal asphyxia cases
- 11) Number of the neonatal death
- 12) Number of the bilirubin measurement of newborn babies

2. Pediatrics

Premature baby ICU, Pediatric ICU

- 1) Number of the referral cases of premature babies
- 2) Survival rate of premature babies depending on the birth weight
- 3) Incidence of the retinopathy of prematurity
- 4) Number of the Pediatric ICU patients
- 5) Death rate of ICU patients
- 6) Number of the cases indicated mechanical ventilation
- 7) Survival rate of the patients treated by mechanical ventilation

3. Pediatric surgery

OT, Surgical ICU

- 1) Number of the surgical ICU patients
- 2) Death rate of ICU patients
- 3) Number of the cases indicated mechanical ventilation
- 4) Survival rate of the patients treated by mechanical ventilation
- 5) Number of the operation cases
 - a. general surgery
 - b. urology
 - c. trauma/orthopedics
 - d. neurosurgery
 - e. newborn surgery
- 6) Incidence of the complications of post-operation

4. Physiological examination

- 1) Number of each examination
 - a. spirometer
 - b. ECG
 - c. Evoked potential measurement
- 2) Diagnosis of the patients detected by ultrasound
 - a. cardiac diseases
 - b. abdominal diseases
 - c. kidney diseases
 - d. others
- 3) Diagnosis of the patients detected by endoscopy
 - a. gastrointestinal diseases
 - b. broncho-pulmonary diseases
 - c. cysto-urethra diseases
- 4) Waiting time of the patients for endoscopy

5. Laboratory examination

Laboratory, Express laboratory, Biochemistry, Bacteriology

- 1) Number of each examination
 - a. hematology
 - b. electrolyte
 - c. biochemistry
- 2) Average time of hematology measurement
- 3) Waiting time of the polyclinic patients for the laboratory examination

6. Genetic

- 1) Number of the genetic cases and diagnosis
- 2) Number of the counseling cases for genetic patients
- 3) Prognosis of genetic cases

7. Pathology

- 1) Number of autopsy cases
- 2) Number of the pathology cases and diagnosis

8. Polyclinic

- 1) Number of the patients
- 2) Number of the cases and diagnosis
 - a. ECG
 - b. Ultrasound
 - c. EEG
 - d. Audiometer
 - e. Spirometer
 - f. Ophthaomoscope
 - g. Colposcope
- 3) Waiting time of the patients for each examination

B. Clinic No.2

1. Laboratory

- 1) Number of each examination
- 2) Time of hamatology measurement

2. Functional diagnosis

- 1) Number of each examination and diagnosis
 - a. Holter ECG
 - b. Ultrasound
 - c. Gastrointesinal endoscopy

3. ENT

- 1) Number of the patients and diagnosis
- 2) Number of the operation cases

4. Ophthalmology

- 1) Number of the patients and diagnosis
- 2) Number of the operation cases

5. OT

- 1) Number of the operation cases
- 2) Incidence of the complications of post-operation

6. Wards

- 1) Number of ICU patients
- 2) Number of the patients indicated of mechanical ventilation
- 3) Death rate of the patinets

C. Financial situation of the Hospital

- 1) Total income from the user fee
 - a. Income of each department
 - b. Income of laboratory examination
 - c. Income of physiological examination
- 2) Percent of the patients without payment
 - a. less than 1 year
 - b. delivery with complication
 - c. handicap people
 - d. poor people
- 3) Payment for the reagent of laboratory equipment from user fee
- 4) Payment for the maintenance of medical equipment
- 5) Payment of the incentive for staff



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