

BASIC DESIGN STUDY REPORT
ON
THE EXPANSION PROJECT
OF
CAIRO UNIVERSITY PAEDIATRIC HOSPITAL

REPUBLIC OF EGYPT

MINISTRY OF HEALTH

1980

UNIVERSITY OF CAIRO

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BASIC DESIGN STUDY REPORT
ON
THE EXPANSION PROJECT
OF
CAIRO UNIVERSITY PAEDIATRIC HOSPITAL
IN
THE ARAB REPUBLIC OF EGYPT

APPENDIX 7
MEDICAL EQUIPMENT LIST

DECEMBER 1986

JAPAN INTERNATIONAL COOPERATION AGENCY

国際協力事業団		
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THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

CARDIAC DIAGNOSTIC UNIT

EQUIPMENT

p: 1

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Angio-X-Ray System with DSA for Cardiovascular Diagnosis	1	
	*Examination Room		
-1	Floor mounted C-arm	..... 1 unit	
	. Image Intensifier/X-Ray TV System/ Light Distributor		
	. Cine Camera		
	. X-Ray Tube		
	. TV Monitor		
-2	Ceiling Suspended (or Floor Mounted) C-arm	..... 1 unit	
	. Image Intensifier/X-Ray TV System/ Light Distributor		
	. Cine Camera		
	. X-Ray Tube		
	. TV Monitor		
-3	Catheterization Table	..... 1 unit	
-4	Automatic Contrast Medium Injector..	1 unit	
-5	Ceiling Suspended Operating Light (5 bulbs)	..... 1 unit	
-6	Transformer & Cabinet	..... 1 unit	
-7	Electric Power Distribution Cabinet	..... 1 unit	
-8	Stabilizer	..... 1 unit	
	*Control Room		
-1	Generator Console 2	
-2	Cine Console 1	
-3	Video Tape Recorder, VHS Type 1	
	Umatic Type 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-4	Digital Subtraction Apparatus	1	
	. Operation Console		
	. Computer Set		
	. Multiformat Camera		
	. TV Monitor of DSA	..... 2 units	
-5	TV Monitor	2	
-6	Cine Film Projector (Tagarno type) New Model with Camera, Adaptor for Slide, print	2	
-7	Film Editor Set	1	
2	Difibrillator with standard accessories	1	
3	Emergency Cart	1	
4	Cardiac Polygraph System : 8 channels	1	
5	Anesthesia Apparatus	1	
	Accessories		
-1	Pressure release valve for O ₂ , N ₂ O..	1 each	
-2	Spanner	..... 1	
-3	Pressure tube for O ₂ , N ₂ O (1m)	..... 1 each	
-4	Y adaptor	..... 1	
-5	Face mask for infant & child	..... 2	
-6	Head strap	..... 1	
-7	Corrugated tube	..... 2	
-8	Vinyl corrugated tube for surplus gas removal	..... 1	
-9	Breathing Bag	..... 1	
-10	Bite block	..... 1	
-11	Berman's airway	..... 3	

EQUIPMENT

P: 3

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-12	Sodasorb (1 kg)	..... 1	
-13	Needle type handle	..... 1	
-14	Sapare canister chamber	..... 1	
-15	Canister joint	..... 1	
-16	Parts for blood pressure measurement	..... 1 set	
-17	Monitor tray (attached to main body)	..... 1	
-18	Oxygen monitor (w/sensor)	..... 1 set	
-19	Body cover	..... 1	
-20	Halothane vaporizer	..... 1	
-21	Infant circle absorber	..... 1	
-22	Jackson -Lee's infant circle	..... 1	
-23	Cylinder 10L (O ₂)	..... 1	
-24	- ditto - (N ₂ O)	..... 1	
-25	Cylinder 3.4L pin-index type (O ₂)...	1	
-26	- ditto - (N ₂ O)...	1	
-27	Pressure tube for Piping Gas Supply 5m (O ₂)	..... 1	
-28	- ditto -, (N ₂ O)	..... 1	
-29	Anesthesia Apparatus Stand	..... 1	
8	Cardiac Catheter Storage Cabinet	1	
9	Cardiac Output Apparatus Computer	1	
10	Warmer (Electric Blanket)	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
11	Linen Receptacle	2	
12	Film Viewer : 8 films (4 section, double banks) recessed type	1	
13	Radiographic Hip-Holder for Infant	1	
14	Apron (X-Ray Protector)	8	
15	Film Budge (dosimeter)	8	
16	Dressing Drum Stand for 2 drums with 2 sterilizer forceps case : $\phi 270\text{mm}$	2	
17	Dressing Drum $\phi 270 \times (H) 210\text{mm}$	4	
18	Brush Case (for Scrub Unit of Ante Hall) & Brushes	4	
19	Kick Bucket	3	
20	Sterilizer Forceps	2	
21	Sterilizer Forceps Case	2	
22	Wash Basin Stand, single	2	
23	Basin : $\phi 320\text{mm}$	2	
24	Echocardiograph with 3 & 5 MHZ transducers and doppler : pulsed and continuous	1	
25	Programmable Pace Maker	1	
30	Radiographic Material Set (including Operating Instrument of Catheterization)	1	
-1	Instrument Tray Table for 3 trays with 6 trays 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-2	Instrument Tray Table, Mayo Type with 3 trays	..... 1	
-3	Weitlaner's Retractor, large	..... 2	
-4	Weitlaner's Retractor, small	..... 2	
-5	Langenbeck Retractor, (L)210 x (W)10 x (D)25mm	..... 4	
-6	Retractor 2 prongs 210mm long	..... 4	
-7	Vessel Retractor 180mm long	..... 4	
-8	Vessel Retractor 180mm long	..... 4	
-9	Mathieu's Needle Holders with Tungsten Carbide Jaws 190mm long	..... 2	
-10	Hegar's Needle Holders Straight with Tungsten Carbide Jaws 190mm long		
-11	Hegar's Vascular Needle Holders with Tungsten Carbide Jaw 140mm long.....	2	
-12	Operating Scissors Curved, 2 Sharp Points 110mm long	..... 2	
-13	Operating Scissors Straight, 2 Blunt Points 140mm	..... 2	
-14	Operating Scissors Mayo Type Curved 140mm long	..... 2	
-15	Vascular Operating Scissors, Metzenbaun Type 140mm	..... 2	
-16	Kocher's Hemostatic Forceps, serrated & 1x2 teeth, straight 140mm long	.....10	
-17	Kocher's Hemostatic Forceps, serrated tips, straight 140mm long	.....10	
-18	Mosquito Hemostatic Forceps, serrated & 1x2 teeth, straight 110mm long	.....10	
-19	Mosquito Hemostatic Forceps, serrated tips, straight 110mm long10	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-20	Cardiac Forceps, serrated tips 180mm long	..... 2	
-21	Vascular Forceps with Fine Tips, serrated and 1x2 teeth 150mm long...	2	
-22	Vascular Forceps with Fine Tips, serrated tips, 150mm long	..... 2	
-23	Intracardiac Forceps, Debakey serrated tips, 150mm	..... 2	
-24	Sakakibara's Forceps, Heavily Curved, longitudinally serrated tips, 210mm long	..... 2	
-25	Sakakibara's Forceps, Heavily Curved, longitudinally serrated tips, 160mm long	..... 2	
-26	Peripheral Vascular Clamp Serrated Tips, 150mm long	..... 4	
-27	Satinsky Vascular Clamps, 20mm Jaws longitudinally serrated tips, 175mm long	..... 2	
-28	Backhaus's Towel Forceps Screw-lock 100mm long	.....10	
-29	Dressing Case with Grip : (W)325 x (D)260 x (H)75mm	.....10	
-30	Pus Basin 200mm long	.....10	
-31	Solution Bottle Support Stand 2	
31	Water Sterilizer, Ultra-violet and Sink for one person	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Control Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Blood Gas Analyzer	1	
2	Oxymeter	1	
3	Boiling Sterilizer, Table-Top Type, electric	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Dark Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Angio-X-Ray System with DSA for Cardiovascular Diagnosis Composition		
-1	Automatic Cinefilm Processor	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Ante Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Stretcher, Recovery	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Blood Taking Room (Lounge)

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Blood Taking Machine	2	
2	Bed for Blood Taking	1	
3	Chair for Blood Taking	1	
4	Sphygmomanometer, Stand Type	2	
5	Instrument Cabinet	1	
6	Weighing Scale	1	
7	Instrument Carriage	1	
8	Arm Rest	2	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

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EXISTING FACILITY - 3RD FLOOR (RADIOLOGY)

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: RADIOLOGY (EXISTING FACILITY)

ROOM TITLE: CT Scanner Room

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	X-Ray Computed Tomography System (Whole Body Scanner)	1	
	Composition		
	*Examining Room		
-1	Scanning Gantry	1	
-2	Patient Bed	1	
-3	X-Ray High Voltage Cenerator	1	
-4	X-Ray Tube Unit	1	
-5	Phantom	1	
-6	Phantom Attaching Stand	1	
-7	Head Rest	1	
-8	Extended Table Top	1	
-9	Knee Pad	1	
-10	Patient Body Fixing Belt	1	
-11	Table-top Mattress	1	
	*Control Room		
-1	Control Console	1	
-2	Interphone	1	
-3	Floppy Disk	1	
-4	Multi-image Camera	1	
	*Machine Room		
-1	Computer Rack	1	
-2	X-Ray High Voltage Controller	1	
-3	Power Stabilizer	1	

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IN

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CARDIAC SURGERY OPERATION THEATRE

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Universal Operating Table	1	
	*Accessories		
-1	Screen Frame	..... 1 pc.	
-2	Arm board with mattress	..... 2 pc.	
-3	Arm rest	..... 1 pc.	
-4	Mattress	..... 1 set	
-5	Accessories Cart	..... 1 pc.	
-6	Leg strap	..... 1 pc.	
-7	Adjustable Instrument Tray	..... 1 pc.	
2	Ceiling Suspended Operating Light, Combination Type, with TV Camera	1	
	*Composition		
-1	Major lamp (14 bulbs)	..... 1	
-2	Minor lamp (5 bulbs)	..... 1	
-3	TV Camera (color)	..... 1 pc.	
-4	Microphone	..... 1 pc.	
3	Artificial Heart Lung Machine, Modular Type (5 pumps) with Heat Exchanger	2	
	*Accessories for 1 unit		
-1	Sucker : 1 set contents 3 different type	..... 2 sets	
-2	Sucker : micro type 2 pcs.	
-3	Dressing Case with grip : (W)325 x (D)260 x (H)75mm 1 pc.	
-4	Clamp 8 pcs.	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-5	Tiegun and tie set	..... 1 set	
-6	Probe for Thermometer	..... 4 pcs.	
4	Solid State Electro-surgical Unit : Monopolar Type	1	
	*Accessories		
-1	Foot Switch : 2-pedal	..... 1 pc.	
-2	Tri-polar electrode chuck handle with change-over switch	..... 2 pcs.	
-3	Electrode : 1 set contents 4 different straight type	..... 5 sets	
-4	Disposable Bipolar Inactive Electrode	.....10 pcs.	
-5	Adaptor for Disposable Inactive Electrode	..... 1 pc.	
-6	Earthing Wire	..... 1 pc.	
5	Anesthesia Apparatus built in Ventilator	1	
	Accessories		
-1	Pressure tube for O ₂ , N ₂ O (for piping) 5m	..... 1 each	
-2	Spanner for connecting pressure tube	..... 1	
-3	Y adaptor	..... 1	
-4	Face mask	..... 2	
-5	Head strap	..... 1	
-6	Corrugated tube 2	
-7	Corrugated tube for surplus gas removal 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-8	Breathing bag	..... 1	
-9	Test bag	..... 1	
-10	Bite block	..... 1	
-11	Berman's airway	..... 3	
-12	Sodasorb (1 kg)	..... 2	
-13	Needle type handle	..... 1	
-14	Spare canister chamber	..... 1	
-15	Wall type blood pressure meter.....	1	
-16	Accessories for blood pressure measurement	..... 1 set	
-17	Oxygen monitor (w/sensor)	..... 1 set	
-18	Respirometer	..... 1	
-19	Grounding cord	..... 1	
-20	Main body cover	..... 1	
-21	Halthane vaporizer	..... 1	
-22	Ethyrane vaporizer	..... 1	
-23	Infant circle absorber	..... 1	
-24	Jackson-Lee's infant circle	..... 1	
-25	Cylinder 3.4L pin-index type (O ₂)..	1	
-26	- ditto -, (N ₂ O)	..... 1	
6	Cardiac Polygraph System : 8 channels	1	
7	Operating Light, Stand Type (4 bulbs)	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
8	Hypo/Hyperthermia Apparatus	1	
	Accessories		
-1	Probe for Rectal temperature measuring	..... 1	
-2	Probe for Esophagal temperature measuring	..... 1	
-3	Blanket for infant & child	..... 2	
9	Suction Unit	1	
	Accessories		
-1	3,000 ml suction bottle	..... 2	
-2	Foot switch	..... 1	
-3	Suction cannula	..... 1	
-4	Connection tube for suction	..... 1	
-5	Grounding cord	..... 1	
-6	Spare fuse	..... 4	
-7	Vinyl cover	..... 1	
10	Operating Chair, Oil Hydraulic	2	
11	Anesthesia Apparatus Stand built in water supplying bottle for the suction catheter and two suction bottles	1	
12	Suction Bottle Frame (Kick Type) with two connection tube	2	
13	Instrument Table	2	
14	Instrument Tray Table for Cardiovascular-surgery (for 4 fanshaped trays, adjustable height 950 - 1320mm)	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
15	Instrument Tray Table, Mayo type	1	
16	Defibrillator built in Cart with standard accessories & internal paddles for pediatrics	1	
17	Foot Stool one step 4 two step 6	10	
18	Electric Universal Bone Saw Set and Stand for Morter Assembly	2	
19	Solution Bottle Support Stand	3	
20	Instrument Carriage	1	
21	Wash Basin Stand	3	
22	Basin : ϕ 320mm	4	
23	Dressing Drum Stand for 2 drums with 2 sterilizer Forceps Case : ϕ 270mm	2	
24	Dressing Drum : ϕ 270 x (H)210mm	4	
25	Cardiac Stimulator (Fibrillator)	1	
26	External Pacemaker	1	
27	Venous Pressure Manometer	1	
28	Blood Warmer	1	
29	Electric Thermometer with 2 probes of Rectal temperature measuring	1	
30	Electric Thermometer with 2 probes of Esophagus temperature measuring	1	
31	Tiegun & Tiegun Band Set	2	
32	Cine Film Processor (Tagarno Type)	1	
33	Kick Bucket	2	
34	Head Light with Light Source	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
35	Film Viewer : 8 films (4 section, double banks) recessed type	1	
36	Infusion Pump	3	
37	Instrument Cabinet recessed type, sliding door 3 glass shelves (D)360 x (W)1200 x (H)900mm	2	
38	Operating Room Material Set for Cardiovascular Surgery	1	
-1	Worktable stainless steel (D)600 x (W)1500 x (H)850mm with 3 drawers	..... 1	
-2	Medicine Tray	..... 3	
-3	Beeding Digital Scale	..... 1	
-4	Sterilizer Forceps	..... 2	
-5	Syringe Holding Forceps	..... 2	
-6	Sterilizer Forceps	..... 2	
-7	Forceps Stand	..... 2	
-8	Movable Indoor Sterilizer	..... 1	
-9	Waste Receptacle	..... 1	
39	Operating Instrument Set for Cardiovascular Surgery for 1 set	3	
	(1) Operating Instrument Set for Cardiovascular Surgery		
-1	Operating Scissors, Straight, 2 Blunt Points length 140mm	..... 2	
-2	- ditto -, but length 180mm	..... 2	
-3	Operating Scissors, curved, 2 Blunt Points length 140mm 2	
-4	- ditto -, but length 180mm 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-5	Operating Scissors, Mayo Type, curved length 140mm	..... 2	
-6	Operating Scissors, Mayo Type, Curved length 180mm	..... 2	
-7	Vascular Operating Scissors METZEMBAUM Type length 140mm	..... 2	
-8	- ditto -, but length 180mm	..... 2	
-9	Vascular Operating Scissors Sharp Tips length 160mm	..... 2	
-10	- ditto -, but 180mm	..... 2	
-11	Vascular Operating Scissors MAYO Type length 180mm	..... 2	
-12	Vascular Operating Scissors Curved with Narrowed Distal Tips for Fine Work length 180mm	..... 2	
-13	Forceps, serrated and 1x2 teeth, length 130mm	..... 2	
-14	- ditto -, but serrated tips, length 130mm	..... 2	
-15	Cardiac Forceps, serrated and 1x2 teeth	..... 2	
-16	- ditto -, but serrated tips	..... 2	
-17	Cardiac Forceps with Tungsten Carbide Jaws length 180mm	..... 2	
-18	Vascular Forceps with fine tips, serrated and 1x2 teeth, length 150mm..	2	
-19	- ditto -, but serrated tips, length 150mm	..... 2	
-20	Intracardiac Forceps Debakey serrated tips length 150mm 2	
-21	- ditto -, but length 200mm 2	
-22	- ditto -, but length 240mm 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-23	ADSDN Forceps, serrated and 1x2 teeth length 125mm	..... 2	
-24	- ditto -, but serrated tips, length 125mm	..... 2	
-25	Tissue Forceps serrated and 1x2 teeth length 180mm	..... 2	
-26	- ditto -, but serrated tips, length 180mm	..... 2	
-27	BACKHOUS'S Towel Forceps Screw-lock length 100mm	.....20	
-28	KOCHER'S Hemostatic Forceps, serrated and 1x2 teeth straight, length 140mm	.....20	
-29	- ditto -, but length 180mm	..... 5	
-30	- ditto -, but serrated and 1x2 teeth curved length 140mm	.....10	
-31	- ditto -, but serrated tips curved length 180mm	.....10	
-32	MOSQUITO Hemostatic Forceps, serrated and 1x2 teeth straight length 110mm...	5	
-33	- ditto -, but length 125mm	..... 5	
-34	- ditto -, but serrated tips straight length 110mm	.....20	
-35	MOSQUITO Hemostatic Forceps, serrated tips straight length 125mm	.....10	
-36	Allis Cardiac Forceps, length 195mm...	4	
-37	Pediatric Allis Cardiac Forceps, length 180mm	..... 4	
-38	Babcock Tissue Forceps, length 160mm..	4	
-39	Peripheral Vascular Clamp Serrated Tips length 150mm 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-40	SAKAKIBARA'S Forceps Heavily Curved, longitudinally serrated tips, length 210mm large	..... 2	
-41	- ditto -, but length 160mm small	..... 2	
-42	Hemostatic Forceps No Teeth, large curved tips 140mm	..... 2	
-43	- ditto -, but small curved tips 140mm	..... 2	
-44	Retractor 2 prongs, length 210mm	..... 4	
-45	LANGENBECK Retractor (L)210 x (W)10 x (D)250mm	..... 4	
-46	- ditto -, but (L)210 x (W)13 x (D)40mm	..... 4	
-47	- ditto -, but (L)210 x (W)18 x (D)60mm	..... 4	
-48	- ditto -, but (L)210 x (W)25 x (D)85mm	..... 4	
-49	Intestinal Flexible Spatula Pediatric Plain, large (L)210 x (W)20mm	..... 2	
-50	- ditto -, but small (L)210 x (W)10mm	..... 2	
-51	Intestinal Flexible Spatula Adult Plain, small (L)330 x (W)25mm	..... 2	
-52	- ditto -, but medium, (L)330 x (W)30mm	..... 2	
-53	- ditto -, but large, (L)330 x (W)35mm	..... 2	
-54	KEKKEN Type Vessel Dissecting Forceps length 220mm	..... 2	
-55	KEKKEN Type Bronchus Dissecting Forceps length 220mm 2	
-56	SAKAKIBARA'S Vessel Hook, length 230mm 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-57	SAKAKIBARA'S Vessel Hook, length 215mm	1	
-58	- ditto -, but length 220mm	1	
-59	Blunt Dissecting Hook length 200mm....	2	
-60	Ligature Tape Hook, length 250mm	2	
-61	Suture Hook, length 220mm	2	
-62	Sternal Wire Hook, length 220mm	1	
-63	RUMEL Flexible Cardiovascular Touniquet length 270mm	1	
-64	SAKAKIBARA'S Sternal Retractor, medium	2	
-65	- ditto -, but small	2	
-66	MORSE Sternal Spreader with Double Blades, Modified, Adult	2	
-67	- ditto -, but pediatric	2	
-68	SAKAKIBARA'S Sternal Retractor Pediatric, very small	1	
-69	- ditto -, but new born	1	
-70	SAKAKIBARA Memorial Hospital Type Pediatric Sternal Retractor, large....	1	
-71	- ditto -, but medium	1	
-72	- ditto -, but small	1	
-73	SAKAKIBARA'S Sternal Contractor	1	
-74	WEITLANER'S Retractor, large	2	
-75	- ditto -, but small	2	
-76	Cardiac Retractor (L)210 x (W)15mm....	2	
-77	- ditto -, but (L)210 x (W)20mm	2	
-78	Cardiac Retractor Pediatric, (L)210 x (W)20mm	2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operaiton Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-79	Cardiac Retractor Pediatric, (L)210 x (W)15mm	..... 2	
-80	- ditto -, but (L)210 x (W)12mm	..... 2	
-81	- ditto -, but (L)210 x (W)10mm	..... 2	
-82	- ditto -, but (L)210 x (W)8mm	..... 2	
-83	- ditto -, but (L)210 x (W)6mm	..... 2	
-84	Cardiac Retractor, (L)210 x (W)40mm...	2	
-85	Vessel Retractor, 1 prong 180mm	..... 4	
-86	- ditto -, but 2 prong 180mm	..... 4	
-87	Retractor 4 prongs, length 180mm	..... 2	
-88	COOLY mitral Valve Retractor, large (W)44 x (D)30mm	..... 2	
-89	- ditto -, but medium (W)37 x (D)24mm	..... 2	
-90	- ditto -, but small (W)27 x (D)21mm..	2	
-91	Cardiac Plate Retractor, (L)260 x (W)25mm	..... 1	
-92	Cardiac Triangular Retractor, large (L)200 x (W max.)28mm	..... 2	
-93	- ditto -, but medium (L)200 x (W max.) 22mm	..... 2	
-94	- ditto -, but small (L)200 x (W max.) 18mm	..... 2	
-95	- ditto -, but very small (L)200 x (W max.)15mm	..... 2	
-96	Aortic Valve Retractor, right (L)225 x (W)14mm 2	
-97	- ditto -, but center (L)225 x (W)14mm 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-98	Aortic Valve Retractor, left (L)225 x (W)14mm	..... 2	
-99	Hooked Retractor for Heart Valves, Short 4mm length 275mm	..... 2	
-100	- ditto -, but long 7mm, length 275mm	..... 2	
-101	MATHIEU'S Needle Holders with Tungsten Carbide Jaws, length 190mm	..... 3	
-102	- ditto -, but length 210mm	..... 2	
-103	SAKAKIBARA'S Needle Holder for Deep Surgery with Tungsten Carbide Jaws, length 220mm	..... 2	
-104	SAKAKIBARA'S Vascular Needle Holder with Tungsten Carbide Jaws length 190mm....	3	
-105	HEGAR'S Needle Holders Straight and Curved with Tungsten Carbide Jaws, length 190mm straight	..... 3	
-106	- ditto -, but length 190mm curved....	2	
-107	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws, length 140mm...	2	
-108	- ditto -, but length 190mm	..... 3	
-109	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws (Modified), length 160mm	..... 2	
-110	- ditto -, but length 210mm	..... 3	
-111	Operating Scissors Curved, 2 Sharp Points length 110mm	..... 2	
-112	Vascular Operating Scissors with Heavily Curved length 140mm	..... 1	
-113	SAKAKIBARA'S Auricular Appendage Clamp length 230mm	..... 1	
-114	EBINA'S HANLON Forceps, length 170mm large serrated tips 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operaiton Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-115	EBINA'S HANLON Forceps, length 160mm small serrated tips	..... 1	
-116	EBINA'S Waterstone Forceps, length 210mm serrated tips	..... 1	
-117	Aorta Clamp, length 180mm large Debakey serrated tips	..... 2	
-118	- ditto -, but length 180mm small Debakey serrated tips	..... 2	
-119	BOTALLO Arterial Duct Clamp, straight, length 200mm large 50mm jaws serrated tips	..... 2	
-120	- ditto -, but length 200mm medium 40 jaws serrated tips	..... 2	
-121	- ditto -, but length 200mm small 30mm jaws serrated tips	..... 2	
-122	BOTALLO Arterial Duct Clamps, Angled length 200mm large 50mm jaws serrated tips	..... 2	
-123	- ditto -, but length 200mm medium 40mm jaws serrated tips	..... 2	
-124	- ditto -, but length 200mm small 30mm jaws serrated tips	..... 2	
-125	SUZUKI'S Aorta Partial Clamps, length 185mm	..... 1	
-126	- ditto -, but length 190mm	..... 1	
-127	SATINSKY Vascular Clamps, length 210mm, large 30mm jaws longitudinally serrated tips	..... 4	
-128	- ditto -, but length 185mm, medium 25mm jaws longitudinally serrated tips.....	4	
-129	SATINSKY Vascular Clamps, length 175mm, small 20mm jaws longitudinally serrated tips	..... 4	
-130	KIMOTO'S Double Vascular Clamps, length 200mm, large longitudinally serrated tips 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-131	KIMOTO'S Double Vascular Clamps length 180mm, medium longitudinally serrated tips	..... 1	
-132	Sternal Wire Clamp, length 130mm	.....15	
-133	Patche Holder, large, length 195mm, 20mm discs	..... 1	
-134	- ditto -, but medium, length 195mm, 15mm discs	..... 1	
-135	- ditto -, but small, length 195mm , 10mm discs	..... 1	
-136	Wire Cutter, length 210mm	..... 2	
-137	Sternal Needle Holder, length 190mm...	2	
-138	Cardiac Valve Orifice Sizer, Diameter 5m/m, length 210mm	..... 1	
-139	- ditto -, but diameter 7m/m, length 210mm	..... 1	
-140	- ditto -, but diameter 9m/m, length 210mm	..... 1	
-141	- ditto -, but diameter 11m/m, length 210mm	..... 1	
-142	- ditto -, but diameter 13m/m, length 210mm	..... 1	
-143	- ditto -, but diameter 15m/m, length 210mm	..... 1	
-144	- ditto -, but diameter 17m/m, length 210mm	..... 1	
-145	- ditto -, but diameter 19m/m, length 210mm	..... 1	
-146	- ditto -, but diameter 21m/m, length 210mm 1	
-147	- ditto -, but diameter 23m/m, length 210mm 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-148	Cardiac Valve Orifice Sizer, diameter 25m/m, length 210mm	..... 1	
-149	- ditto -, but diameter 27m/m, length 210mm	..... 1	
-150	- ditto -, but diameter 29m/m, length 210mm	..... 1	
-151	- ditto -, but diameter 31m/m, length 210mm	..... 1	
-152	- ditto -, but diameter 33m/m, length 210mm	..... 1	
-153	- ditto -, but diameter 35m/m, length 210mm	..... 1	
-154	Mitral Valve Commissure Forceps, length 220mm, jaw 5mm	..... 1	
-155	Dilator for Mitral Valve, maximum blade opening 30mm	..... 1	
-156	SAKAKIBARA'S Mitral Valve Orifice Scale 90 x 170mm	..... 1	
-157	SAKAKIBARA'S Pistol Type Mitral Valvelotone	..... 1	
-158	Roller Clamp, length 185mm	..... 2	
-159	Vinyl Tube Clamps, large 200mm	.....10	
-160	- ditto -, but medium 180mm	.....20	
-161	LUER'S Bone Rongeur Forceps, length 300mm large	..... 1	
-162	- ditto -, but length 190mm small	..... 1	
-163	Rib Shear for First Rib, length 300mm large	..... 1	
-164	- ditto -, but length 190mm small 1	
-165	Jansen-Zaufel Rongeur, length 180mm 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-166	Anterior Rib Shear, length 290mm	1	
-167	Periosteal Raspatory Heavily Curved, length 210mm	1	
-168	Periosteal Raspatory Slightly Curved, length 250mm	1	
-169	DOYEN'S Periosteal Raspatory, right, length 210mm	1	
-170	- ditto -, but left, length 210mm.....	1	
-171	Periosteal Elevator Slightly Curved, length 190mm	1	
-172	Periosteal Elevator Heavily Curved, length 210mm	1	
-173	Bone Holding Forceps, length 250mm....	1	
-174	Dilators for Veingraft (Titanium), ϕ 1mm	1	
-175	- ditto -, but ϕ 1.5mm	1	
-176	- ditto -, but ϕ 2.0mm	1	
-177	- ditto -, but ϕ 2.5mm	1	
-178	- ditto -, but ϕ 3.0mm	1	
-179	- ditto -, but ϕ 3.5mm	1	
-180	- ditto -, but ϕ 4.0mm	1	
-181	Ball Pointed Needle for Vein graft, length 27mm ball tip diameter 4.0mm ϕ ..	5	
-182	Thoracic and Vascular Tissue Forceps, straight 153mm length	3	
-183	- ditto -, but straight 198mm length..	3	
-184	- ditto -, but angled 198mm length....	3	
-185	DeBaKey Valve Scissors 19mm long with acute curve, Heavy construction	2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-186	C.W. Mayo Tissue Forceps, modified, Russian type forestrated tips are 6mm, wide and deeply serrated, length 23mm 1	1	
-187	Davis Tissue Forceps, Russian style jaws, 7mm wide, length 255mm 1	1	
-188	Glover Style Bulldog Clamps, with Atraugrip curved overall length 50mm, jaw length 18mm 2	2	
-189	- ditto -, but curved overall length 65mm, jaw length 27mm 2	2	
-190	- ditto -, but straight overall length 50mm jaw length 18mm 2	2	
-191	- ditto -, but straight overall length 65mm, jaw length 27mm 2	2	
-192	DeBakey Ring Handle Bulldog Clamps, Angled 90° jaws 40mm, past angle, straight shafts 1	1	
-193	Pilling Vascular Clamps 1	1	
-194	Cannon Coronary Endarterectomy Set.... 1	1	
-195	Cooley Jaw Partial Occlusion Clamps Set 1	1	
-196	Cooley Jaw Multi-Purpose Clamps No.1 jaw length 40mm, overall length 225mm..... 1	1	
-197	- ditto -, but No.2 jaw length 55mm, overall length 205mm 1	1	
-198	- ditto -, but No.3 jaw length 65mm, overall length 218mm 1	1	
-199	Pilling Short 1mm, Pediatric Clamps, straight handles, blade shape 1 2	2	
-200	- ditto -, but blade shape 3 2	2	
-201	- ditto -, but blade shape 4 2	2	
-202	- ditto -, but blade shape 5 1	1	

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-203	Pilling Short 1mm, Pediatric Clamps, straight handles, blade shape 6	..... 1	
-204	- ditto -, but blade shape 7	..... 1	
-205	Pediatric Vascular Clamp, small curved jaw, overall length 160mm	..... 1	
-206	- ditto -, but large curved jaw, overall length 160mm	..... 1	
-207	Kartchner Carotid Clamps, overall length 160mm	..... 1	
-208	Codman Vascular Forceps and Bulldog Clamps length 197mm	..... 2	
-209	- ditto -, but length 152mm	..... 2	
-210	Codman Scissors, angle 25°	..... 2	
-211	- ditto -, but angle 45°	..... 2	
-212	- ditto -, but angle 60°	..... 2	
-213	- ditto -, but angle 90°	..... 2	
-214	- ditto -, but angle 130°	..... 2	
-215	Needle Holders for Coronary Vessels with Tungsten Carbide Jaws, Ryder, 150mm, jaw section 1mm wide	..... 2	
-216	Micro Needle Holders for Coronary Vessels, 180mm	..... 4	
-217	Micro Surgery Scissors for Coronary Vessels, 185mm	..... 4	
-218	Sterilizing Container for Coronary Vessels, 233 x 148 x 57mm 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
	(2) Operating Instrument Set for Open Heart Surgery for 1 set		
-1	Vascular Operating Scissors MAYO Type length 180mm	..... 1	
-2	Vascular Operating Scissors METZEMBAUM, length 180mm	..... 1	
-3	Operating Scissors Straight, 2 Blunt Points length 140mm	..... 2	
-4	- ditto -, but length 180mm	..... 1	
-5	Operating Scissors MAYO Type, Curved length 140mm	..... 1	
-6	Operating Scissors Curved, 2 Blunt Points length 180mm	..... 1	
-7	MORSE Sternal Spreader with Double Blades, Modified, adult	..... 1	
-8	- ditto -, but pediatric	..... 1	
-9	WEITLANER'S Retractor, large 135mm....	..... 1	
-10	LANGENBECK Retractor, (L)210 x (W)10 x (D)25mm	..... 2	
-11	- ditto -, but (L)210 x (W)18 x (D)60mm	..... 2	
-12	Intestinal Flexible Spatula Adult Plain, large (L)330 x (W)35mm	..... 1	
-13	Cardiac Forceps, length 180mm, serrated and 1x2 teeth	..... 1	
-14	- ditto -, but length 180mm, serrated tips	..... 1	
-15	Intercardiac Forceps, length 200mm, Debakey serrated tips	..... 1	
-16	SAKAKIBARA'S Forceps Heavily curved, length 210mm large longitudinally serrated tips 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-17	SAKAKIBARA'S Forceps Heavily curved, length 160mm small longitudinally serrated tips	..... 1	
-18	Aorta Clamp, length 180mm large Debakey serrated tips	..... 1	
-19	Wire Cutter, length 210mm	..... 1	
-20	LUER'S Bone Rongeur Forceps, length 300mm large	..... 1	
-21	Rib Shear for First Rib, length 300mm large	..... 1	
-22	Periosteal Raspatory Heavily Curved, length 210mm	..... 1	
-23	Periosteal Raspatory Slightly Curved, length 250mm	..... 1	
-24	DOYEN'S Periosteal Raspatory, right, length 210mm	..... 1	
-25	- ditto -, but left, length 210mm.....	1	
-26	Periosteal Elevator Slightly Curved length 190mm	..... 1	
-27	Periosteal Elevator Heavily curved, length 210mm	..... 1	
-28	MATHIEU'S Needle Holders with Tungsten Carbide Jaws length 190mm	..... 1	
-29	HEGAR'S Needle Holders Straight and Curved with Tungsten Carbide Jaws, length 190mm straight	..... 1	
-30	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws (Modified), length 190mm	..... 1	
-31	KOCHER'S Hemostatic Forceps, length 140mm, serrated and 1x2 teeth straight10	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-32	KOCHER'S Hemostatic Forceps, length 140mm, serrated tips straight	..... 5	
-33	- ditto -, but length 180mm, serrated and 1x2 teeth straight	..... 5	
-34	- ditto -, length 180mm, serrated tips straight	..... 5	
-35	MOSQUITO Hemostatic Forceps, length 110mm serrated tips straight	..... 5	
-36	- ditto -, but length 110mm, serrated and 1x2 teeth straight	..... 5	
-37	BACKHOUS'S Towel Forceps Screw-lock 100mm long	.....10	
	(3) Operating Instrument for Venesectomy for 1 set		
-1	WEITLANER'S Retractor, large 135mm....	1	
-2	Vessel Retractor 1 prong 180mm	..... 2	
-3	- ditto -, but 2 prongs, 180mm	..... 2	
-4	MATHIEU'S Needle Holders with Tungsten Carbide Jaws, length 190mm	..... 1	
-5	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws, length 140mm...	1	
-6	Operating Scissors Curved, 2 Sharp Points, length 110mm	..... 1	
-7	Operating Scissors Straight, 2 Blunt Points, length 140mm	..... 1	
-8	Vascular Operating Scissors, METZEMBAUM Type length 140mm	..... 1	
-9	KOCHER'S Hemostatic Forceps, length 140mm serrated and 1x2 teeth straight 5	
-10	- ditto -, but length 140mm serrated tips straight 3	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERAITON THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-11	MOSQUITO Hemostatic Forceps, length 110mm serrated and 1x2 teeth straight	..... 3	
-12	- ditto -, length 110mm serrated tips straight	..... 3	
-13	Cardiac Forceps, length 180mm, serrated tips	..... 1	
-14	Vascular Forceps with Fine Tips, length 150mm serrated and 1x2 teeth	..... 1	
-15	- ditto -, but length 150mm serrated tips	..... 1	
-16	Intracardiac Forceps, length 150mm Debakey serrated tips	..... 1	
-17	SAKAKIBARA'S Forceps Heavily Curved length 160mm small longitudinally serrated tips	..... 1	
-18	Peripheral Vascular Clamp Serrated Tips length 150mm	..... 2	
-19	BACKHOUS'S Towel Forceps Screw-lock 100mm long	..... 5	
	(4) Operating Instrument Set for Arterectomy for 1 set		
-1	WEITLANER'S Retractor, large 135mm....	..... 1	
-2	Vessel Retractor, 1 prong 180mm	..... 2	
-3	- ditto -, but 2 prongs 180mm	..... 2	
-4	MATHIEU'S Needle Holders with Tungsten Carbide Jaws, length 190mm	..... 1	
-5	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws 1	
-6	Operation Scissors Curved, 2 Sharp Points, length 110mm 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-7	Operating Scissors Straight, 2 Blunt Points, length 140mm	..... 1	
-8	Operating Scissors Mayo Type, Curved, length 140mm	..... 1	
-9	Vascular Operating Scissors METZEMBAUM Type, length 140mm	..... 1	
-10	- ditto -, but length 180mm	..... 1	
-11	KOCHER'S Hemostatic Forceps, length 140mm serrated and 1x2 teeth straight	.....10	
-12	- ditto -, but length 140mm serrated tips straight	..... 5	
-13	- ditto -, but length 140mm serrated and 1x2 teeth curved	..... 5	
-14	MOSQUITO Hemostatic Forceps, length 110mm serrated and 1x2 teeth straight	..... 5	
-15	- ditto -, but length 110mm serrated tips straight	..... 5	
-16	Cardiac Forceps, length 180mm serrated tips	..... 1	
-17	Vascular Forceps with Fine Tips, length 150mm serrated and 1x2 teeth	..... 1	
-18	- ditto -, but length 150mm serrated tips	..... 1	
-19	Intracardiac Forceps, length 150mm, Debakey serrated tips	..... 1	
-20	- ditto -, but length 200mm Debakey serrated tips	..... 1	
-21	SAKAKIBARA'S Forceps Heavily Curved, length 210mm large longitudinally serrated tips	..... 1	
-22	- ditto -, but length 160mm small longitudinally serrated tips 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Cardiac Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-23	Peripheral Vascular Clamp serrated tips, length 150mm	..... 2	
-24	SATINSKY Vascular Clamps, length 185mm medium, 25mm jaws longitudinally serrated tips	..... 1	
-25	- ditto -, but length 175mm small, 20mm jaws longitudinally serrated tips.....	1	
-26	BACKHOUS'S Towel Forceps Screw-lock 100mm long	..... 5	
40	Suction Unit, wall hang type	1	
41	Oxygen Flowmeter	1	
42	Warming Cabinet, recessed type (W)600 x (D)300 x (H)1000mm	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Anesthesia Room

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Anesthesia Apparatus built in Ventilator	1	
	Accessories		
-1	Pressure tube for O ₂ , N ₂ O (for piping) 5m	..... 1 each	
-2	Spanner for connecting pressure tube	..... 1	
-3	Y adaptor	..... 1	
-4	Face mask	..... 2	
-5	Head strap	..... 1	
-6	Corrugated tube	..... 2	
-7	Corrugated tube for surplus gas removal	..... 1	
-8	Breathing bag	..... 1	
-9	Test bag	..... 1	
-10	Bite block	..... 1	
-11	Berman's airway	..... 3	
-12	Sodasorb (1 kg)	..... 2	
-13	Needle type handle	..... 1	
-14	Spare canister chamber	..... 1	
-15	Wall type blood pressure meter.....	1	
-16	Accessories for blood pressure measurement	..... 1 set	
-17	Oxygen monitor (w/sensor) 1 set	
-18	Respirometer 1	
-19	Grounding cord 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Anesthesia Room

ITEM NO.	GENERIC	TITLE	Q'TY	REMARKS
-20	Min body cover	.....	1	
-21	Halthane vaporizer	.....	1	
-22	Ethylane vaporizer	.....	1	
-23	Infant circle absorber	.....	1	
-24	Jackson-Lee's infant circle	.....	1	
-25	Cylinder 3.4L pin-index type (O ₂)..		1	
-26	- ditto -, (N ₂ O)	.....	1	
2	Anesthesia Apparatus Stand built in		1	
	water supplying bottle for the suction			
	catheter and two suction bottles			

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Anesthetist's Room

<u>ITEM NO</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Film Viewer (1 bank, 4 films) wall mounted type	1	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

ULTRA CLEAN SURGERY OPERATION THEATRE

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Fully Oilmatic Electromotive Operating Table Accessories	1	
-1	Arm board with mattress	..... 1	
-2	"Wakasugi" arm rest	..... 1	
-3	Mattress	..... 1	
-4	Foot board	..... 1	
-5	M Type face-down head support	..... 1	
-6	Accessories Cart	..... 1	
-7	Leg Strap	..... 1	
-8	Sitting-position head support	..... 1	
-9	Double funnel with waste receptacle	..... 1	
2	Ceiling Suspended Operating Light, Combination Type	1	
	*Composition		
-1	Major lamp (14 bulbs)	..... 1	
-2	Minor lamp (5 bulbs)	..... 1	
3	Solid State Electro-surgical Unit: Monopolar Type	1	
	*Accessories		
-1	Foot Switch : 2-pedal	..... 1	
-2	Tri-polar electrode chuch handle with change-over switch 2	
-3	Electrode : 1 set contents 4 different straight type 5	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-4	Disposable Bipolar Inactive Electrode.....10		
-5	Adaptor for Disposable Inactive Electrode 1		
-6	Earthing Wire 1		
4	Anesthesia Apparatus built in Ventilator Accessories	1	
-1	Pressure tube for O ₂ , N ₂ O (for piping) 5m 1 each		
-2	Spanner for connecting pressure tube 1		
-3	Y adaptor 1		
-4	Face mask 2		
-5	Head strap 1		
-6	Corrugated tube 2		
-7	Corrugated tube for surplus gas removal 1		
-8	Breathing bag 1		
-9	Test bag 1		
-10	Bite block 1		
-11	Berman's airway 3		
-12	Sodasorb (1 kg) 2		
-13	Needle type handle 1		
-14	Spare canister chamber 1		
-15	Wall type blood pressure meter 1		
-16	Accessories for blood pressure measurement 1 set		

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-17	Oxygen monitor (w/sensor)	..... 1 set	
-18	Respirometer	..... 1	
-19	Grounding cord	..... 1	
-20	Main body cover	..... 1	
-21	Halthane vaporizer	..... 1	
-22	Ethylene vaporizer	..... 1	
-23	Infant circle absorber	..... 1	
-24	Jackson-Lee's infant circle	..... 1	
-25	Cylinder 3.4L pin-index type (O ₂)...	1	
-26	- ditto - (N ₂ O)...	1	
-27	Vaporizer Selector	..... 1	
5	Patient Polygraph System : 8 channels	5	
6	Suction Unit	6	
	Accessories for 1 unit		
-1	3,000 ml suction bottle	..... 2	
-2	Foot switch	..... 1	
-3	Suction Cannula	..... 1	
-4	Connection tube for suction	..... 1	
-5	Grounding cord	..... 1	
-6	Spare fuse 4	
-7	Vinyl cover 1	
7	Operating Chair, Oil Hydraulic	2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: _____

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
8	Anesthesia Apparatus Stand built in water supplying bottle for the suction catheter and two suction bottles	1	
9	Suction Bottle Frame (Kick Type) with two connection tube	2	
10	Instrument Table	1	
11	Instrument Tray Stand for Neurosurgery	1	
12	Instrument Tray Table, Mayo Type	1	
13	Foot Stool One step 2 Two step 2	4	
14	Solution Bottle Support Stand	2	
15	Wash Basin Stand	1	
16	Basin : ϕ 320mm	2	
17	Infusion Pump	2	
18	Operating Light, Stand Type	1	
19	Dressing Drum Stand for 2 drums with Sterilizer Forceps Case : ϕ 270mm	1	
20	Dressing Drum : ϕ 270 x (H)210mm	4	
21	Kick Bucket	2	
22	Pnematic Skull Surgery Set	1	
23	Air Drill Set	1	
24	Gas Controller & Cylinder	1	
25	Neurosurgery Multipurpose Headframe	1	
26	Operating Microscope for neurosurgery floor-standing type with T.V. Camera, Attachment and Adaptor	1	
27	Video Recorder	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
28	Colour Monitor	1	
29	Console	1	
31	Amplifier	1	
32	Bipolar Unit	1	
	Accessories		
-1	Bipolar Thumb Forceps, Bayonet Type 17cm with special alloy tips, non-serrated 2		
-2	Connecting Wire for Thumb Forceps with chuck 2		
-3	Grounding Wire 1		
-4	Foot Switch 1		
-5	Stand 1		
33	Head Light & Light Source	1	
34	Film Viewer : 8 films (4 section, double banks) recessed type	1	
35	Electroencephalograph (10 ch)		
36	Operating Instrument Set for Neurosurgery with Micro surgery set for 1 set	3	
	(1) Neurosurgical Set in Wooden Case		
-1	Drill, modified, w/drill tip 2		
-2	Cranial trephine (adjustable) dia.40mm 1		
-3	Becman-Adson self-retaining retractor L, cvd. 1		
-4	Retractor, modified L 1		

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-5	Retractor, modified M	..... 1	
-6	- ditto - S	..... 1	
-7	Versatile Laminectomy retractor.....	1	
-8	Olive-Krona Wire saw, 35cm, 10pcs...	1	
-9	Handle for Wire saw, 2 pcs. (1 pair)	..... 1	
-10	Wire saw guide, double	..... 1	
-11	Kern skull clip, 10 pcs.	..... 3	
-12	Frame for Kern skull clip	..... 1	
-13	Laney Skull-clip, steel, 10 pc.....	5	
-14	Laney Skull-clip, appliers, 17cm....	2	
-15	Olive-Krona Silver Clip, 10 pcs.....	3	
-16	Appliers for olive-krona silver clip	..... 1	
-17	Brain hemostatic silver clip, 200 pcs.	..... 1	
-18	Frame for brain hemostatic silver clip	..... 1	
-19	Appliers for brain hemostatic silver clip 14.5cm	..... 3	
-20	Appliers for brain hemostatic silver clip 21cm	..... 1	
-21	Appliers, deep field for brain hemostatic silver clip	..... 1	
-22	Hemo-clip appliers, M	..... 1	
-23	Hemo-clip M 25 pcs. 4	
-24	Cartridge table 1	
-25	Double action rongeur, str., 23cm... 1		

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-26	Double action rongeur, str., 20cm...	1	
-27	- ditto - cvd., 20cm...	1	
-28	L-shaped double action rongeur 20 15cm width 2mm	..... 1	
-29	Luer rongeur	..... 1	
-30	Skull-drill	..... 1	
-31	DARLGREIN Cranial removal forceps...	1	
-32	Laminectomy rongeur 20, 15cm width 2mm	..... 1	
-33	Spine curring forceps	..... 1	
-34	Chisel for rasp L	..... 1	
-35	- ditto - S	..... 1	
-36	Osteotome 10mm	..... 1	
-37	Laminectomy gouge No.3 5mm	..... 1	
-38	Nylon hammer S	..... 1	
-39	Laminectomy currette, cvd., No.3....	1	
-40	Curette No.00	..... 1	
-41	- ditto - No.2	..... 1	
-42	Bone holding forceps, L	..... 1	
-43	- ditto - , S	..... 1	
-44	Cerebral Curette	..... 1	
-45	- ditto -, but right-angle	..... 1	
-46	Cranial raspatory, 45°, 20cm 1	
-47	LANGENBECK Periosteal, raspatory & elevator, right-angle 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRACLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-48	Versatile raspatorium	..... 1	
-49	Cushing dura meninx elevator	..... 1	
-50	Langenbeck periosteal elevator	..... 1	
-51	Cushing cerebral spatula, M	..... 1	
-52	- ditto - , S	..... 1	
-53	Crobby Bansan cerebral spatula 10 pcs.	..... 1	
-54	Yasargil self-retaining cerebral spatula, fixation device, single....	1	
-55	ENUCLEATOR, Flat S	..... 1	
-56	- ditto -, currette, L	..... 1	
-57	- ditto -, currette, M	..... 1	
-58	Alien Forceps (needle forceps)	..... 1	
-59	Probe Forceps, L, upward	..... 1	
-60	- ditto - , M, downward	..... 1	
-61	- ditto - , S, upward	..... 1	
-62	Blade, length 20mm	..... 1	
-63	Nerve Knife, sickle-shaped, weak-cvd.	..... 1	
-64	Dura scissors, bayonet	..... 1	
-65	SACHES dura meninx hook	..... 1	
-66	Ventricular puncture needle	..... 4	
-67	FRESURE Suction Tube, dia. 4mm	..... 1	
-68	Suction Tube, silver, dia. 3mm	..... 1	
-69	- ditto - , silver, dia. 2mm 1	
-70	LUZE Forceps, hemostatic with platinum 17cm, black 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-71	Pituitary forceps	..... 1	
-72	LUZE forceps, no tooth	..... 1	
-73	Dura - forceps w/tooth, 18cm	..... 1	
-74	Versatile forceps, no tooth, 19cm...	..... 1	
-75	Hemostatic forceps	..... 1	
-76	AADSON forceps, 1x2	..... 1	
-77	Forceps, 5 teeth	..... 1	
-78	Probe & Spatula, concave, silver....	..... 1	
-79	Frame for suction tube & blade-holder	..... 1	
-80	Ventricular speculum, L	..... 1	
-81	- ditto - , S	..... 1	
-82	Hook needle, L	.....10	
-83	Hook needle, S	.....10	
-84	Hegar Magnet needle holder	..... 2	
-85	Suture Wire for fracture, No.22, 0.71mm	..... 1	
-86	Sclae 15cm	..... 1	
-87	Mezembraum scissors, cvd.	..... 1	
-88	Skull traction hook 10pcs.	.....10	
-89	Cliliconized guide tube	..... 2	
-90	Kocher retractor, two-prong 2	
-91	Kocher retractor, four-prong 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
---------	---------------	------	---------

(2) Micro Surgery Instrument A set

- | | | | |
|----|--|--|--|
| -1 | Bipolar hemostatic forceps, bayonet 20cm
..... 1 | | |
| -2 | - ditto -, 190cm, sharp tip
..... 1 | | |
| -3 | Bipolar hemostatic forceps, bayonet, 15cm
..... 1 | | |
| -4 | - ditto -, straight 20cm
..... 1 | | |
| -5 | - ditto -, adson type 12cm
..... 1 | | |
| -6 | - ditto -, 12cm, tip width 0.5cm.... 1 | | |
| -7 | Sterilizable housing frame
..... 1 | | |
| -8 | Sterilizable metal case
..... 1 | | |

(3) Micro Surgery Instrument B set

- | | | | |
|----|--|--|--|
| -1 | Jakobson needle holder, bayonet, 18.5cm
..... 1 | | |
| -2 | Yasargil scissors, bayonet, cvd. 18.5cm
..... 1 | | |
| -3 | - ditto -, straight, 18.5cm
..... 1 | | |
| -4 | Micro needle holder, bayonet, 18.5cm
..... 1 | | |
| -5 | Micro scissors, bayonet, straight, 18.5cm
..... 1 | | |
| -6 | - ditto -, cvd., 18.5cm
..... 1 | | |
| -7 | Sterilizable housing frame
..... 1 | | |
| -8 | Sterilizable metal case
..... 1 | | |

(4) Microsurgery Instrument C set

- | | | | |
|----|--|--|--|
| -1 | Yasargil raspatrium, square tip, 18.5cm
..... 1 | | |
|----|--|--|--|

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-2	Yasargil raspatrium, round tip, 18.5cm	1	
-3	- ditto -, weak cvd., 18.5cm	..... 1	
-4	- ditto -, strong cvd., 18.5cm	..... 1	
-5	Yasargil incision blade, 18.5cm.....	1	
-6	Jacobson vessel prove, 18.5cm	..... 1	
-7	Clienbur vessel nerve hook, small, w/ball	..... 1	
-8	- ditto -, large, w/ball	..... 1	
-9	- ditto -, small	..... 1	
-10	- ditto -, large	..... 1	
-11	Sugita raspatrium, silver tip	..... 1	
-12	Improved aneurym raspatrium	..... 1	
-13	Sterilizable housing frame	..... 1	
-14	Sterilizable metal case	..... 1	
	(5) Tracheotomy Instrument Set in Wooden Case		
-1	Tracheotom	..... 3	
-2	Scissors, straight	..... 1	
-3	Scissors, curved	..... 1	
-4	Small Scissors	..... 1	
-5	Pean forceps	..... 5	
-6	Dressing forceps	..... 2	
-7	Mouse tooth tissue forceps 2	
-8	Small tracheal retractor 1 prong sharp	2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-9	Small tracheal retractor	..... 2	
-10	Prong Sharp	..... 2	
-11	Tracheal retractor	..... 2	
-12	Prong blunt	..... 2	
-13	Small-retractor flat	..... 2	
-14	Grooved probe	..... 2	
-15	Features	..... 2	
-16	Luer Tracheal Tubes	..... 3	
	(6) Venesectomy Instrument Set in Wooden Case		
-1	WEITLANER'S Retractor, large 135mm..	1	
-2	Vessel Retractor, 1 prong, 180mm....	2	
-3	Vessel Retractor, 2 prongs, 180mm...	2	
-4	MATHIEU'S Needle Holders with Tungsten Carbide Jaws 190mm long	..... 1	
-5	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws 140mm long....	1	
-6	Operating Scissors Curved, 2 Sharp Points 110mm long	..... 1	
-7	Operating Scissors Straight, 2 Blunt Points 140mm long	..... 1	
-8	Vascular Operating Scissors, METZENBAUM Type	..... 1	
-9	KOCHER'S Hemostatic Forceps serrated and 1x2 teeth, straight, 140mm long.....	5	
-10	KOCHER'S Hemostatic Forceps serrated tips, straight 140mm long 3	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-11	MOSQUITO Hemostatic Forceps serrated and 1x2 teeth, straight 110mm long	..... 3	
-12	MOSQUITO Hemostatic Forceps serrated tips, straight 110mm long	..... 3	
-13	Cardiac Forceps serrated tips 180mm long	..... 1	
-14	Vascular Forceps with Fine Tips serrated tips and 1x2 teeth, 150mm long	..... 1	
-15	- ditto -, serrated tips, 150mm long	..... 1	
-16	Intracardiac Forceps, Debakey serrated tips 150mm long	..... 1	
-17	SAKAKIBARA'S Forceps Heavily Curved longitudinally serrated tips, 160mm long	..... 1	
-18	Peripheral Vascular Clamp Serrated Tips 150mm long	..... 2	
-19	BACKHOUS'S Towel Forceps Screw-lock 100mm long	..... 5	
37	Operating Room Material Set for Neurosurgery	1	
-1	Worktable stainless steel (D)600 x (W)1500 x (H)850mm with 3 drawers...	1	
-2	Medicine Tray	..... 3	
-3	Beeding Digital Scale	..... 1	
-4	Sterilizer Forceps	..... 2	
-5	Syringe Holding Forceps 2	
-6	Sterilizer Forceps 2	
-7	Forceps Stand 2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: ULTRA CLEAN SURGERY OPERATION THEATRE

ROOM TITLE: Ultra Clean Surgery Operation Theatre

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-8	Movable Indoor Sterilizer	..... 1	
-9	Waste Receptacle	..... 1	
38	Instrument Cabinet, recessed type, sliding door 3 glass	2	
39	Blood Warmer	1	
40	Suction Unit, wall hang type	1	
41	Oxygen Flowmeter	1	
42	Warming Cabinet, recessed type (W)600 x (D)300 x (H)1000mm	1	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

STERILIZING DEPARTMENT

EQUIPMENT

P: 53

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: STERILIZING DEPARTMENT

ROOM TITLE: Sterilizing Room

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Tube Dryer	1	
2	Working Table with Sink	1	
	Composition		
-1	Working Table (W)1800 x (D)900 x (H)800 with 8 drawers	..... 1	
-2	Sink Unit, double sink, stainless steel (W)900 x (D)600 x (H)800	..... 1	
3	Instrument Cabinet (W)900 x (D)360 x (H)1700mm stainless steel, 5 glass shelves with Forceps hunger	3	
8	Dressing Drum stainless steel	20	
	Composition		
-1	ø270 x 210mm	.....10	
-2	ø270 x 180mm	..... 5	
-3	ø120 x 120mm	..... 5	
9	Dressing Case stainless steel	20	
	Composition		
-1	480 x 345 x 180mm with Grip	..... 6	
-2	355 x 290 x 75mm with Grip 2	
-3	325 x 260 x 75mm with Grip 2	
-4	295 x 230 x 65mm with Grip 5	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: STERILIZING DEPARTMENT

ROOM TITLE: Sterilizing Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-5	295 x 130 x 90mm with Grip	..... 5	
10	Instrument Sterilizing Tray	150	
-1	400 x 270 x 40mm stainless steel....30 (should be adjustable for Instrument Tray Stand)		
-2	350 x 500 x 40mm stainless steel....10 (should be adjustable for Instrument Tray Stand of operating table)		
-3	180 x 120 x 35 stanless steel	.....10	
-4	210 x 150 x 35 - ditto -	.....15	
-5	240 x 180 x 35 - ditto -	.....20	
-6	270 x 210 x 35 - ditto -	.....20	
-7	300 x 240 x 40 - ditto -	.....20	
-8	330 x 270 x 40 - ditto -	.....15	
-9	350 x 300 x 40 - ditto -	.....10	
11	Sterilizing Forceps	15	
-1	Sterilizing Forceps	..... 8	
-2	Sterilizing Forceps, 3 prong	..... 7	
12	Boiling Sterilizer, foot pedal type (power source : electric)	1	
13	Tray for Forceps ø100 x 155mm stainless steel	6	
14	Syringe Holding Forceps	10	
15	Instrument Carriage (L)750 x (W)450 x (H)800mm	3	
16	High Pressure Steam Sterilizer Sliding door type, double door, semi- automation system	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: STERILIZING DEPARTMENT

ROOM TITLE: Sterilizing Room

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
17	High Pressure Steam Sterilizer, Table-Top Type	1	
18	EO Gas Sterilizer	1	
20	Ultra Sonic Cleaner (Washing & Rinsing Unit)	1	
21	Heat Sealer	1	
22	Nursing Care Material Set	1	
-1	Water Pitcher 2000 cc	..... 2	
-2	Tampon Mug 500 cc	..... 5	
-3	- ditto - 250 cc	.....10	
-4	- ditto - 125 cc	.....20	
-5	Waste Receptacle	..... 3	
-6	Pus Basin (L)240mm	.....20	
	- ditto - (L)270mm	.....20	
	- ditto - (L)300mm	.....20	
-7	Wash Basin ϕ 320 x 90mm	.....15	
-8	Dressing Jar ϕ 90 x 110mm	.....10	
	- ditto - ϕ 120 x 150mm	.....10	
-9	Tampon Mug with Grip ϕ 120 x 65mm	.... 5	
-10	Sponge Bowl ϕ 105	.....20	
-11	- ditto - ϕ 130	.....20	
23	Sterilizing Material Set	1	
-1	Indicator Tape100 pcs.	
-2	Ethylene Oxide Gas Leak Detector 1 pc.	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: STERILIZING DEPARTMENT

ROOM TITLE: Sterilizing Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-3	Ethylene Oxide Gas Residue Indicator	....100 packs	
-4	Mekkin Bag assorted	..... 5 cartons/each	
-5	Steam Sterilization Indicator	....200 packs	
-6	Ethylene Oxide Gas Sterilization Indicator	....200 packs	
-7	Desk (W)600 x (D)400 x (H)700mm	..... 1	
-8	Washing Brush	....100 pcs.	
24	Brush Case (should be adjustable for Scrub Sink Unit of Clean Hall)	6	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

CLEAN HALL

EQUIPMENT

P: 57

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: STERILIZING DEPARTMENT

ROOM TITLE: Clean Storage & Preparation Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Dressing Drum Storage Cabinet (W)900 x (D)540 x (H)1700mm, stianless steel	2	
2	Clean Storage Cabinet	2	
3	Ice Maker (Crushed Type)	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: PREPARATION HALL

ROOM TITLE: Preparation Hall

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Scrub Unit (Water Sterilizer, Ultra Violet) for 3 persons	1	
2	Linen Receptacle	2	
3	Waste Receptacle	2	
4	Dressing Drum Stand for 2 drums with 2 sterilizer	2	
5	Forceps Case : ϕ 270mm	4	
6	Dressing Drum : ϕ 270 x (H)210mm	4	
7	Wash Basin Stand, single	2	
8	Basin : ϕ 320mm	4	
9	Kick Bucket	2	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: PREPARATION HALL

ROOM TITLE: Meeting Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
4	Film Viewer, Stand Type, 8 Films (4 section, double banks)	1	

THE EXPANSION PROEJCT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

I.C.U. DEPARTMENT

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Patient Monitoring Central System	1	
	Composition		
-1	Central Monitor with Console Desk...	1	
-2	Bedside Monitor with Cart	4	
-3	Accessories		
-4	Intra-arteria B.P. transducer and others		
2	I.C.U. Bed	4	
	Composition		
-1	I.C.U. Bed	1	
-2	Mattress	1	
-3	Bedside Rail	2	
-4	Solution Support Stand	1	
3	Infant Incubator (Post-operaiton Type)	2	
	Composition for 1 unit		
-1	Main Body	1	
-2	Monitor Shelf	1	
-3	Oxygen Controller	1	
-4	O ₂ Sensor	5	
-5	Respirator with Heating Fumidifier... (and Supporting Arm to Incubator)	1	
-6	Neonatal Monitor with Recorder (ECG)..	1	
-7	Infusion Pump & Solution Support Stand	1	
4	Transport Infant Incubator with Cart with O ₂ Cylinder	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
5	Continuous Suction Unit with Accessories	3	
6	Portable Suction Unit	1	
	Accessories		
-1	1,000 ml suction bottle	..... 2	
-2	Foot switch	..... 1	
-3	Suction cannula	..... 1	
-4	Connection tube for suction	..... 1	
-5	Grounding cord	..... 1	
-6	Spare fuse	..... 4	
-7	Vinyl cover	..... 1	
7	Artificial Ventilator for Children (Patient body weight : over 20 kg) Volume Ventilator Composition for 1 unit	2	
-1	Main body	..... 1	
-2	Pressure tube for O ₂ (5m, for piping system)	..... 1	
-3	Y piece for plastic corrugated tube..	1	
-4	Face mask No.4, No.1	..... 1 ea.	
-5	Head strap, large	..... 1	
-6	Corrugated tube (silicon-make)	..... 2	
-7	Breathing bag (5L)	..... 1	
-8	Test Bag (1L)	..... 1	
-9	Arm for bag attaching 1	
-10	Monitor Shelf (attached to main body) 1	
-11	Supporting arm 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-12	Bermans airway (No.4, No.3, No.2)....	1 ea.	
-13	Respiratory circuit unit (attached to main body)	..... 1 ea.	
-14	PEEP Unit	..... 1	
-15	Manual breathing unit.	..... 1	
-16	Heater/humidifier	..... 1	
-17	Corrugated tube for heater/humidifier	..... 1	
-18	Filter cartridge for inspiratory circuit	..... 1	
-19	Pre-filter at air intake port (attached to main body)	..... 1	
-20	Grounding cord	..... 1	
-21	Body cover	..... 1	
8	Artificial Ventilator for Infant (Patient body weight : under 30 kg to 1 kg)	2	
	Composition for 1 unit		
-1	Main body	..... 1	
-2	Pressure tube (O ₂ , AIR)	..... 1 ea.	
-3	Corrugated tube set for infants (with Y adaptor, thermometer, drainage up, pressure detecting tube, tube fixer)	..... 1	
-4	Hose heater assembly	..... 1	
-5	Slip joint (aluminum made : 11mm).....	1	
-6	Inspiratory tube (with adaptor) 1	
-7	Pressure detecting bacillus filter...	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-8	Reserve bag (3 liters)	..... 1	
-9	Test bag (50 ml)	..... 5	
-10	Humidifier (with disposable cartridge)	..... 1	
-11	Water trap unit with humidifier holder	..... 1	
-12	Supporting arm	..... 1	
-13	Stand	..... 1	
-14	Unit cover	..... 1	
9	Air Compressor for Ventilator (Portable Type)	3	
10	Ultrasonic Nebulizer	4	
	Composition for 1 pc.		
-1	Mobile stand	..... 1	
-2	Nebulizing chamber	..... 1	
-3	Conduct blower	..... 1	
-4	Inhalation conduct	..... 1	
-5	Cilicon rubber tube	..... 1	
-6	Rubber tubing for oxygen supply	..... 1	
-7	Water reservoir	..... 1	
-8	Mask	..... 1	
-9	Slip joint (15mm)	..... 1	
-10	Diaphragm 1	
-11	Spare filter 1	
-12	Spare fuse 1	
-13	Grounding cord 1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-14	Spanner	..... 1	
-15	Vinyl cover	..... 1	
11	Blood Pressure Monitor, Dinamap Type	2	
	Doppler Type	2	
12	Cardiac Output Apparatus	1	
	Composition		
-1	Cardiac Output Computer	..... 1	
-2	Pressure Transducer	..... 1	
13	Working Table with Solution Bottle Support Stand	5	
14	Nurse's Chair	4	
15	Auto Infusion Pump with accessories (infusion set 200 pcs.) (Volume setting type)	8	
16	Syringe Pump, Double Injection Type	4	
17	Utility Cart	5	
18	Defibrillator	1	
	Composition		
-1	Defibrillator with a built-in memory Monitor and Recorder	..... 1	
-2	Power Unit	..... 1	
-3	External Electrode with plates for child and adult	..... 1	
-4	Battery pack	..... 1	
19	Emergency Cart	1	
20	Trancutaneous PO ₂ , PCO ₂ Monitor with Cart	1	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
21	Digital Bilirubin Analyzer	1	
22	Electroencepharograph (14 channel)	1	
23	Apnea Alarm	4	
24	External Pacemaker	2	
25	Oxygen Monitor with Hi-Lo Alarm	4	
26	Indirect Ophthalmoscope	1	
27	Halgen Ophthalmoscope	1	
28	Medical Refrigerator	1	
29	Stethoscope for pediatric	6	
30	Mercurial Sphygmomanometer, stand type	3	
31	Solution Bottle Support Stand	8	
32	Oxygen Hood (for Infant)	2	
33	Oxygen Tent (for pediatric)	2	
34	Film Viewer (1 bank, 4 films) recessed type	1	
36	Mobile Type Condenser Discharge X-Ray Apparatus	1	
37	Automatic Film Processor Compact-size with Cart	1	
38	Infant Care Center	3	
39	Phototherapy Unit with 10 Eyemasks	2	
40	Operating Light, stand type	1	
41	Dispensary Table for External Medicine, Cassette make	1	
42	Kick Bucket	5	
43	Head Frame for Infant	3	

EQUIPMENT

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PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
44	Venesectomy Instrument Set in Wooden Case	3	
-1	WEITLANER'S Retractor, large 135mm...	1	
-2	Vessel Retractor, 1 prong, 180mm.....	2	
-3	- ditto - , 2 prongs, 180mm....	2	
-4	MATHIEU'S Needle Holders with Tungsten Carbide Jaws 190mm long	..... 1	
-5	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws 140mm long.....	1	
-6	Operating Scissors Curved, 2 Sharp Points 110mm long	..... 1	
-7	Operating Scissors Straight, 2 Blunt Points 140mm long	..... 1	
-8	Vascular Operating Scissors METZENBAUM Type	..... 1	
-9	KOCHER'S Hemostatic Forceps serrated and 1x2 teeth, straight, 140mm long	..... 5	
-10	KOCHER'S Hemostatic Forceps serrated tips, straight 140mm long	..... 3	
-11	MOSQUITO Hemostatic Forceps serrated and 1x2 teeth, straight 110mm long	..... 3	
-12	MOSQUITO Hemostatic Forceps serrated tips, straight 110mm long	..... 3	
-13	Cardiac Forceps serrated tips 180mm long	..... 1	
-14	Vascular Forceps with Fine Tips serrated tips and 1x2 teeth, 150mm long	..... 1	
-15	- ditto -, serrated tips, 150mm long	..... 1	
-16	Intracardiac Forceps, Debakey serrated tips 150mm long	..... 1	

EQUIPMENT

P: 67

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-17	SAKAKIBARA'S Forceps Heavily Curved longitudinally serrated tips, 160mm long	..... 1	
-18	Peripheral Vascular Clamp Serrated Tips 150mm long	..... 2	
-19	BACKHOUS'S Towel Forceps Screw-lock 100mm long	..... 5	
45	Tracheotomy Instrument Set in Wooden Case	..... 3	
-1	Tracheotom	..... 3	
-2	Scissors, straight	..... 1	
-3	Scissors, curved	..... 1	
-4	Small Scissors	..... 1	
-5	Peaen forceps	..... 5	
-6	Dressing forceps	..... 2	
-7	Mouse tooth tissue forceps	..... 2	
-8	Small tracheal retractor 1 prong sharp	..... 2	
-9	Small tracheal retractor	..... 2	
-10	Prong Sharp	..... 2	
-11	Tracheal retractor	..... 2	
-12	Prong blunt	..... 2	
-13	Small retractor flat	..... 2	
-14	Grooved prove	..... 2	
-15	Features	..... 2	
-16	Luer Tracheal Tubes	..... 3	

EQUIPMENT

P: 68

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: I.C.U.

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
46	Instrument Sterilizing Tray 320 x 270 x 40mm, stainless steel	6	
47	Dressing Drum Storage Cabinet (W)900 x (D)540 x (H)1700mm stainless steel	2	
48	Dressing Drum ϕ 120 x 120mm, stainless steel	3	
49	Dressing Drum ϕ 270 x 180mm, stainless steel	3	
50	Dressing Case 325 x 260 x 75mm with Grip	4	
51	Sterilizer Forceps, 3 prong	5	
52	Tray for forceps ϕ 100 x 155mm, stainless steel	2	
53	Forceps 220mm long	5	
54	Dressing Change Cart	1	
55	Sterile Reservoir Stand with 2 jars & covers	1	
56	Sterile Reservoir Stand, rotatable 4 glass jars	1	
57	Autospirometer (Hotwire Type)	1	
58	Tubing Clamp	20	
59	Suction Unit, wall hang type	4	
60	Oxygen Flowmeter	4	

EQUIPMENT

p: 69

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Laboratory

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Blood Gas Analyzer	1	
	Accessories		
-1	Start-up Accessories Kit	..... 1	
-2	Air Compressor	..... 1	
-3	CO ₂ Gas Regulator	..... 1	
-4	CO ₂ Gas Filled Cylinder	..... 1	
2	Full Automatic Electrolyte Analyzer (analyzing item : Na ⁺ , K ⁺ , Cl ⁻)	1	
	Accessories		
-1	Start-up Accessories Kit	..... 1	
3	Blood Chemistry Analyzer (minimum analyzing item : Creatinine, BUN, Bilirubin, Glucose, Total Protein)	1	
	Accessories		
-1	Printer	..... 1	
-2	Incubator	..... 1	
-3	Micro Pipette (10 micro)	..... 1	
-4	Variable Micro Pipette (25.50 and 100 micro)	..... 1	
-5	Printer Paper	..... 1	
4	Platelet Counter	1	
5	Urine Analyzer, dry paper system	1	
6	Centrifuge	1	
7	Hematcrit Centrifuge	1	
8	Refrigerator Apx. 230L	1	
9	Medical Refrigerator for blood storage	1	

EQUIPMENT

p: 70

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Laboratory

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
10	Kick Bucket	1	

EQUIPMENT

p: 71

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Doctor's Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
8	Film Viewer (1 bank 4 films), wall mounted type	1	
9	Film Cabinet, wall mounted type	2	

EQUIPMENT

P: 72

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Ante Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Water Sterilizer, Ultra-violet and Sink (for one person)	1	
2	Soap Dispenser, stand type	1	
3	Brush Sterilizer Box, stand type	1	
4	Dressing Drum Stand for one drum with one sterilizer forceps case : ϕ 270mm	1	
5	Dressing Drum : ϕ 270 x (H)210mm	1	
6	Kick Bucket	1	
7	Sterilizer Forceps, 3 prong	4	

EQUIPMENT

P: 73

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Solid Utility

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Laundry Cart	2	
2	Ice Maker (crushed ice type)	1	

EQUIPMENT

p: 74

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Corridor

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Patient Stretcher	1	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

INTERMEDIATE CARE UNIT

EQUIPMENT

p: 75

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Intermediate Care Unit

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Intermediate Care Bed Composition	3	
-1	Bed for Pediatric	..... 1	
-2	Spring Mattress	..... 1	
-3	Solution Bottle Support Stand	..... 1	
2	Infant Incubator	2	
3	Portable Suction Unit	1	
4	Medical Refrigerator	1	
5	Dispensary Table for External Medicine Cassette make	1	
6	Nurse's Chair	2	
7	Utility Cart	4	
8	Indirect Ophthalmoscope	1	
9	Stethoscope for Pediatric	6	
10	Mercurial Sphygmomanometer, stand type	3	
11	Solution Bottle Support Stand	6	
12	Oxygen Hood (for Infant)	1	
13	Oxygen Tent (for Pediatric)	2	
14	Film Viewer (1 bank, 4 films) wall mounted type	1	
15	Bedside Monitor with Recorder & Stand wired type	2	
16	Operating Light, stand type	1	
17	Kick Bucket	4	
18	Head Frame for Infant	1	

EQUIPMENT

p: 76

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Intermediate Care Unit

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
19	Venesectomy Set in Wooden Case	3	
-1	WEITLANER'S Retractor, large 135mm...	1	
-2	Vessel Retractor, 1 prong, 180mm....	2	
-3	- ditto - , 2 prongs, 180mm....	2	
-4	MATHIEU'S Needle Holders with Tungsten Carbide Jaws 190mm long	..... 1	
-5	HEGUAR'S Vascular Needle Holders with Tungsten Carbide Jaws 140mm long....	1	
-6	Operating Scissors Curved, 2 Sharp Points 110mm long	..... 1	
-7	Operating Scissors Straight, 2 Blunt Points 140mm long	..... 1	
-8	Vascular Operating Scissors, METZENBAUM Type	..... 1	
-9	KOCHER'S Hemostatic Forceps serrated and 1x2 teeth, straight, 140mm long	..... 5	
-10	KOCHER'S Hemostatic Forceps serrated tips, straight 140mm long	..... 3	
-11	MOSQUITO Hemostatic Forceps serrated and 1x2 teeth, straight 110mm long...	3	
-12	MOSQUITO Hemostatic Forceps serrated tips, straight 110mm long	..... 3	
-13	Cardiac forceps serrated tips, 180mm long	..... 1	
-14	Vascular Forceps with Fine Tips serrated tips and 1x2 teeth, 150mm long	..... 1	
-15	- ditto -, serrated tips, 150mm long	..... 1	
-16	Intracardiac Forceps, Debakey serrated tips 150mm long	..... 1	

EQUIPMENT

P: 77

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Intermediate Care Unit

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-17	SAKAKIBARA'S Forceps Heavily Curved longitudinally serrated tips, 160mm long	..... 1	
-18	Peripheral Vascular Clamp Serrated Tips 150mm long	..... 2	
-19	BACKHOUS'S Towel Forceps Screw-lock 100mm long	..... 5	
20	Tracheotomy Set in Wooden Case	3	
-1	Tracheotom	..... 3	
-2	Scissors, straight	..... 1	
-3	Scissors, curved	..... 1	
-4	Small Scissors	..... 1	
-5	Pean forceps	..... 5	
-6	Dressing forceps	..... 2	
-7	Mouse tooth tissue forceps	..... 2	
-8	Small tracheal retractor 1 prong sharp	..... 2	
-9	Small tracheal retractor	..... 2	
-10	Prong Sharp	..... 2	
-11	Tracheal retractor	..... 2	
-12	Prong blunt	..... 2	
-13	Small retractor flat	..... 2	
-14	Grooved probe	..... 2	
-15	Features	..... 2	
-16	Luer Tracheal Tubes	..... 3	
21	Instrument Sterilizing Tray 320 x 270 x 40mm, stainless steel	6	

EQUIPMENT

P: 78

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Intermediate Care Unit

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
22	Dressing Drum Storage Cabinet (W)900 x (D)540 x (H)1700mm, stainless steel	2	
23	Dressing Drum ϕ 120 x 120mm, stainless steel	3	
24	Dressing Drum ϕ 270 x 180mm, stianless steel	3	
25	Dressing Case 325 x 260 x 75mm with Grip	4	
26	Sterilizer Forceps, 3 prong	5	
27	Tray for forceps ϕ 100 x 155mm, stainless steel	2	
28	Forceps, 220mm long	5	
29	Dressing Change Cart	1	
30	Sterile Reservoir Stand with 2 jars & covers	1	
31	Sterile Reservoir Stand rotatable 4 glass jars	1	
32	Transport Infant Incubator with Cart with O ₂ Cylinder	1	
33	Tubing Clmap	20	
34	Suction Unit, wall hang type	3	
35	Oxygen Flowmeter	3	

EQUIPMENT

p: 79

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Doctor's Room

<u>ITEM NO</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
8	Film Viewer (1 bank 4 films), recessed type	1	
9	Film Cabinet, wall mounted type	2	

EQUIPMENT

P: 80

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Ante Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Water Sterilizer, Ultra-violet and Sink	1	
2	Soap Dispenser, stand type	1	
3	Brush Sterilizer Box, stand tye	1	
4	Dressing Drum Stand for one drum with one sterilizer forceps case : $\phi 270$ mm	1	
5	Dressing Drum : $\phi 270$ x (H)210mm	1	
6	Kick Bucket	1	
7	Sterilizer Forceps, 3 prong	4	

EQUIPMENT

p: 81

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Soiled Utility

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Laundry Cart	2	
2	Ice Maker (crushed ice type)	1	

EQUIPMENT

P: 82

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: INTERMEDIATE CARE UNIT

ROOM TITLE: Corridor

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Patient Stretcher	1	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

ARAB REPUBLIC OF EGYPT

WARD - NURSE STATION/TREATMENT ROOM

EQUIPMENT

P: 83

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Nurse Station (of Medical Private Ward & Surgical Private Ward)

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
4	Chart Trolley	1 x 2	

EQUIPMENT

P: 84

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Surgical Private Ward (1), (2))

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
4	Film Viewer, desk top type	1 x 3	
5	Instrument Cabinet	1 x 2	
8	Working Table with Solution Bottle Support Stand	1	
9	Medicine Trolley	1	
10	Dressing Change Cart	1	
11	Resuscitator, hand driven type set	1	
12	Solution Bottle Support Stand	10	
13	Auto Infusion Pump with accessories (infusion set 200 pcs.)	2	
14	Treatment Table	1 x 3	
16	Medical Refrigerator	1	
17	Autoclave, desk top type	1	
18	Ultra-sonic Nebulizer with stand	3	
	Composition for 1 pc.		
-1	Mobile stand	..... 1	
-2	Nebulizing chamber	..... 1	
-3	Conduct blower	..... 1	
-4	Inhalation conduct	..... 1	
-5	Silicon rubber tube	..... 1	
-6	Rubber tubing for oxygen supply....	1	
-7	Water reservoir	..... 1	
-8	Mask	..... 1	
-9	Slip joint (15mm)	..... 1	
-10	Diaphragm	..... 1	

EQUIPMENT

P: 85

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Surgical Private Ward (1), (2))

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-11	Spare filter	..... 1	
-12	Spare fuse	..... 1	
-13	Grounding cord	..... 1	
-14	Spanner	..... 1	
-15	Vinyl cover	..... 1	
19	Oxygen Analyzer	1	
20	Weighing Scale Measuring Rod, combined type	2	
21	Utility cart	2	
22	Dispensary Table for External Medicine Cassette make	2	
28	Treatment Material Set	1	
	Consist of		
-1	Diagnostic Instrument Case with Contents	..... 3	
-2	Sphygmomanometer, mercurial, stand type	..... 3	
-3	Stethoscope for Pediatric	..... 6	
-4	Tongue Depressor	.....30	
-5	Penlight	..... 4	
-6	Kick Bucket	..... 4	
-7	Steril Reservoir Stand with 2 jars & covers	..... 4	
-8	- ditto -, but rotatable 4 glass jars	..... 4	
-9	Forceps, 220mm long	.....20	
-10	Bandage Scissors, 190mm long	.....10	

EQUIPMENT

P: 86

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Surgical Private Ward (1), (2))

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-11	Small Operating Instrument Set.....	5	
	Contents for 1 pc.		
	(1) Operating Knives	..... 3	
	(2) Retractor, one-prong	..... 1	
	(3) Double-ended Curette	..... 1	
	(4) Probe	..... 1	
	(5) Grooved Probe	..... 1	
	(6) Dressing Forceps	..... 1	
	(7) Tissue Forceps, 1 x 2 teeth....	1	
	(8) Operating Scissors, straight...	1	
	(9) Operating Scissors, curved.....	1	
	(10) Kocher Hemostatic Forceps	..... 2	
	(11) Mathieu Needle Holder	..... 1	
	(12) Suture Needles	..... 5	
	(13) Hanks of Suture	..... 2	
	(14) Suture Needle Container	..... 1	
24	Water Sterilizer, Ultra-violet for one person	1	

EQUIPMENT

P: 87

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Medical Private Ward)

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
4	Film Viewer, desk top type	1	
5	Instrument Cabinet	1	
8	Working Table with Solution Bottle Support Stand	1	
9	Medicine Trolley	1	
10	Dressing Change Cart	1	
11	Resuscitator, hand driven type set	1	
12	Solution Bottle Support Stand	10	
13	Auto Infusion Pump with accessories (infusion set, 200 pcs.)	1	
14	Treatment Table	1	
16	Medical Refrigerator	1	
17	Ultra-sonic Nebulizer	2	
-1	Mobile stand	..... 1	
-2	Nebulizing chamber	..... 1	
-3	Conduct blower	..... 1	
-4	Inhalation conduct	..... 1	
-5	Silicon rubber tube	..... 1	
-6	Rubber tubing for oxygen supply....	1	
-7	Water reservoir	..... 1	
-8	Mask	..... 1	
-9	Slip joint (15mm)	..... 1	
-10	Diaphragm	..... 1	
-11	Spare filter	..... 1	
-12	Spare fuse	..... 1	

EQUIPMENT

P: 88

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Medical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-13	Grounding cord	..... 1	
-14	Spanner	..... 1	
-15	Vinyl cover	..... 1	
18	Weihing Scale Measuring Rod, combined type	1	
19	Utility Cart	1	
20	Dispensary Table for External Medicine Cassette make	1	
26	Nursing Material Set	1	
	Consist of		
-1	Diagnostic Instrument Case with contents	..... 1	
-2	Sphygmomanometer, mercurial, stand type	..... 1	
-3	Stethoscope for Pediatric	..... 2	
-4	Clinical Thermometer	.....50	
-5	Stop Watch	..... 3	
-6	Waste Receptacle	..... 4	
-7	Thermometer Tray	..... 2	
-8	Oxygen Inhaler	..... 2	
-9	Tubing Clamp	.....40	
-10	Sterilizing Tray 295 x 230 x 65mm..10		
-11	Tray for Forceps ϕ 9 x 135mm	..... 5	
-12	Wash Basin ϕ 320 x 90mm	.....10	
-13	Pus Basin (L)240mm	.....20	
-14	Instrument Tray, punching type.....10		

EQUIPMENT

P: 89

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Medical Private Ward)

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
-15	Sponge Bowl ϕ 105mm	.....10	
-16	Tampon Mug ϕ 90 x 50mm	.....10	
-17	Catheter Tray 260 x 70 x 40mm	..... 5	
-18	Dressing Jar ϕ 80 x 100mm	.....20	
-19	Dressing Drum ϕ 120 x 120mm	.....20	
-20	Water Pitcher 2000cc	..... 4	
-21	Donut Pillow	.....10	
-22	Indicator Tape for Autoclave	.....20	
-23	Urinal, graduated, male	..... 5	
-24	- ditto - , female	..... 5	
-25	Ice Bottle, rubber	.....15	
-26	Ice Bag Stand	.....15	
-27	Ice Bag	.....15	
-28	Sphygmomanometer, compact type.....	4	

EQUIPMENT

p: 90

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Soiled Utility (Surgical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Bed Pan Washing Sanitizer, chemical type	1	
2	Urinals Bed Pan Rack	1	
3	Urinal shelf for Bottle for 24 persons	1	
4	Urinals Bag (Vinyl)	500	
5	Bed Pan	10	
6	Fracture Bed Pan	10	

EQUIPMENT

P: 91

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Soiled Utility (Medical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Bed Pan Washing Sanitizer, chemical type	1	
2	Urinals Bed Pan Rack	1	
3	Urinals Shelf for Bottle for 24 persons	1	
4	Urinals (Vinyl)	500	
5	Bed Pan	10	
6	Fracture Bed Pan	10	

EQUIPMENT

p: 92

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Corridor (Surgical Private Ward)

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
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1	Patient Stretcher	2	
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EQUIPMENT

p: 93

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Corridor (Medical Private Ward)

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Patient Stretcher	2	

EQUIPMENT

p: 94

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Pantry (Surgical Private Ward)

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Ice Maker (crushed ice type)	1	

EQUIPMENT

P: 95

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Pantry (Medical Private Ward)

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
1	Ice Maker (crushed ice type)	1	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

WARD - PATIENT ROOM

EQUIPMENT

P: 96

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Patient Room (Medical Private Ward - 25beds, Surgical

Private Ward - 21 beds)

ITEM NO. GENERIC TITLE Q'TY REMARKS

1 Patient Bed, latticed type with mattress 28
and lv, Lod

2 Patient Bed, gatch type with mattress, 18
side rails & Lod

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

NEW REHABILITATION UNIT

EQUIPMENT

p: 97

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: NEW REHABILITATION

ROOM TITLE: Hydrotherapy

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Bubbles Hydrobath Unit (Hubbard Tank System)	1	
	Consist of		
-1	Hubbard tank	..... 1	
-2	Ejector pump	..... 1	
-3	Hydraulic Machine	..... 1	
-4	Water Stretcher	..... 1	
-5	Utility stretcher table	..... 1	
-6	Bubbler	..... 1	
2	Massage Bed	1	
3	Whirl-pool Bath Unit for limb	1	
4	Patient Stretcher	1	

EQUIPMENT

P: 98

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: NEW REHABILITATION UNIT

ROOM TITLE: Professor's Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
3	Film Viewer (1 bank, 4 films), wall mounted type	1	

EQUIPMENT

p: 99

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: NEW REHABILITATION UNIT

ROOM TITLE: Excercise Room

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Training Mat	4	
2	Tilt Table	1	
3	Head Protector	5	
4	Wheel Chair (for children)	4	
5	Walker (for children)	4	
6	Quadriceps Table	1	
7	Cratches (for children)	10	
8	Peg Board	2	
9	Microwave Therapy Apparatus	1	
10	Treatment Table for Electrotherapy	4	
11	Examining Pillow	4	
13	Shortwave Therapy Apparatus with Stand	3	
14	Wrist Circling Exerciser (for children)	2	
15	Ultrasonic Therapy Apparatus with STAND	2	
16	Wrist Twister	2	
17	Dragging Exercise chair	1	
18	Parallel Bars (adjustable type)	1	
19	Cut-out Table	1	
20	Stationary Bicycle (for children)	2	
21	Over Head Frame	1	
22	Shoulder Wheel	2	
23	Shoulder Ladder	1	
24	Lower Limbs Extension & Flexion Exercise Chair	1	

EQUIPMENT

P: 100

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: NEW REHABILITATION

ROOM TITLE: Exercise Room

<u>ITEM NO.</u>	<u>GENERIC TITLE</u>	<u>Q'TY</u>	<u>REMARKS</u>
25	Stall Bars (wood)	1	
26	Low Frequency Therapy Apparatus with Stand	2	
27	Ultra-violet Lamp	2	

THE EXPANSION PROJECT OF CAIRO UNIVERSITY PEDIATRIC HOSPITAL

IN

THE ARAB REPUBLIC OF EGYPT

PHARMACY

EQUIPMENT

P: 101

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: PHARMACY

ROOM TITLE: Pharmacy

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Dispensary Table for Tablets & Powder Medicine	1	
2	Dispensary Table for Liquid Medicine & External Medicine	1	
3	Pharmacy Refrigerator	2	
4	Medicational Table	1	
5	Pharmaceutical Storage Cabinet	2	
6	Narcotic Safes	1	
7	Automatic Scale Balance	1	
8	Powder Medicine Mixer	1	
9	Board - Type Table Medicine Packer with Stand	1	
10	Spatula, 120, 150, 180, 210, 240mm/set	2	
11	Spoon, set of 18	1	
12	Tablet Counter	2	
13	Mortar with pestle, porcelain, 150, 180mm/set	2	
14	Ointment Spatula, 105, 120mm/set	2	
16	Gas Burner for Butane	2	

EQUIPMENT LIST
FOR
THE EXPANSION PROJECT
OF
CAIRO UNIVERSITY PEDIATRIC HOSPITAL
IN
THE ARAB REPUBLIC OF EGYPT

[SCOPE OF EGYPTIAN SIDE WORK]

EQUIPMENT

P: E-1

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Cardiac Diagnostic Unit (Examination)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Examination Table	1	
2	Examination Pillow, Round	1	
3	Examination Chair	1	
4	Basket, but 2-shelf	1	

DEPARTMENT: CARDIAC DIAGNOSTIC UNIT

ROOM TITLE: Control Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Dispensary Table, for External Medicine, Cassette make	1	
2	Chart Cabinet	1	
3	Film Cabinet	1	

DEPARTMENT: STERILIZING DEPARTMENT

ROOM TITLE: Clean Storage & Preparation Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Dispensary Table, for External Medicine, Cassette make	1	
2	Storage Cabinet (Sliding glass door + Sliding steel door + base) (W)880 x (D)400 x (H)1820mm	1	
3	Worktable, stainless steel (W)1200 x (D)600 x (H)850mm	1	

EQUIPMENT

P: E-2

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: PREPARATION HALL

ROOM TITLE: Preparation Hall

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Sterile Medicine Rack	1	

DEPARTMENT: PREPARATION HALL

ROOM TITLE: Artificial Heart Lung Unit Storage

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Instrument Carriage	1	
2	Kick Bucket	1	
3	Instrument Cabinet with 2 drawers, Sliding door	1	

DEPARTMENT: I.C.U. DEPARTMENT

ROOM TITLE: Laboratory

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Laboratory Bench	1	
	Composition		"
	-1 Corner bench (1000x1000x800mm) ...	1	
	-2 Bench with 6 drawers (1500x 750x800mm) ...	1	
	-3 Bench with 2 drawers (600x 750x800mm) ...	1	

EQUIPMENT

P: E-3

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Surgical Private Ward (1), (2))

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Examining Pillow	1 x 3	
2	Wash Basin Stand	2	
3	Wash Basin ϕ 320mm	2	

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Treatment Room (of Medical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Examining Pillow	1	
2	Wash Basin Stand	1	
3	Wash Basin ϕ 320mm	2	

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Linen (Surgical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Linen Hamper Carriage	2	

EQUIPMENT

P: E-4

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Linen (Medical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Linen Hamper Carriage	2	

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Laundry (Surgical Private Ward)

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Laundry Cart	2	
2	Laundry Bag Carrier	2	

DEPARTMENT: WARD (PAYING)

ROOM TITLE: Laundry

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
1	Laundry Cart	2	
2	Laundry Bag Carrier	2	

EQUIPMENT

p: E-5

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Anesthesia Preparation Room

ITEM NO.	GENERIC TITLE	Q'TY	REMARKS
1	Refrigerator, approx. 300L	1	
2	Tube Dryer	1	
3	Anesthetic Sundries	1	
-1	Breathing Bag, 0.5 lit.	..... 3	
-2	- ditto -, 1 lit.	..... 3	
-3	- ditto -, 2 lit.	..... 5	
-4	- ditto -, 3 lit.	..... 5	
-5	Corrugated tube, 106cm, rubber	..... 6	
-6	- ditto -, 122cm, silicon	..... 4	
-7	- ditto -, 100cm, plastic	.....10	
-8	Anesthesia face mask with chimney hook No.1	..... 5	
-9	- ditto -, No.2	..... 5	
-10	Round face mask for infant No.1	..... 5	
-11	- ditto -, No.2	..... 5	
-12	Head Strap S	..... 5	
-13	Guedel type airway No.00	.....20	
-14	- ditto - No.0	.....20	
-15	- ditto - No.1	.....20	
-16	Berman's airway No.0	.....20	
-17	- ditto - No.1	.....20	
-18	- ditto - No.2	.....20	
-19	Bite block No.1	.....10	
-20	- ditto - No.2	.....10	

EQUIPMENT

P: E-6

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Anesthesia Preparation Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-21	Laryngoscope handle with dray batter L	..... 2	
-22	- ditto -, S	..... 3	
-23	Laryngoscope blade Mackintosh's L (130mm)	..... 2	
-24	- ditto -, M (118mm)	..... 5	
-25	- ditto -, S (108mm)	..... 5	
-26	- ditto -, ES (98mm)	..... 5	
-27	Miller's blade for infant L (102mm)..	3	
-28	- ditto -, S (75mm)...	3	
-29	Electric bulb for laryngoscope L	....10	
-30	- ditto -, S	....10	
-31	Y adaptor A plastic	..... 3	
-32	Mask adaptor A plastic	..... 3	
-33	Slip joint, straight 2-8mm, 7 sizes each size 5 pcs.	.....35	
-34	Slip joint, curved 2-8mm, 7 sizes each size : 5 pcs.	.....35	
-35	Esophageal stethoscope set	..... 2	
-36	Rovenstine forceps for catheter insertion S	..... 2	
-37	Infant stethoscope, complete with three chest peices & adaptor	..... 2	
-38	Houze's tongue forcps	..... 2	
-39	Stylet S	..... 3	
-40	Tracheal tube with cuff, plastic P.V.C. 5.5 - 8mm, 6 sizes, each size : 30 pcs.	.....180	

EQUIPMENT

P: E-7

PROJECT TITLE: The Expansion Project of Cairo University Pediatric Hospital

DEPARTMENT: CARDIAC SURGERY OPERATION THEATRE

ROOM TITLE: Anesthesia Preparation Room

ITEM NO	GENERIC TITLE	Q'TY	REMARKS
-41	Tracheal tube without cuff, plastic P.V.C. 2.5 - 6mm, 8 sizes, each size : 20 pcs.	....150	
-42	Sodasorb 12 pcs/box	.....10 boxes	
-43	Y adaptor with mask mount, plastic...	6	
-44	I/E valve disc S	.....10	
-45	Dome cap for I/E valve	.....10	
-46	Magill circuit (semi-open circuit)...	2 sets	
	consists of		
	1) Silicon tube with feeding joint...	1	
	2) T-piece with bag mount	..... 1	
	3) Holder for T-piece	..... 1	
	4) Breathing bag, 2 liter	..... 1	
	5) Corrugated tube, 108cm	..... 1	
	6) Expiratory valve	..... 1	
	7) Mask adaptor 15/22mm	..... 1	
	8) Face mask No.4	..... 1	
-47	Ambu resuscitation bag, universal type	..... 2	
-48	- ditto -, for baby	..... 2	
-49	Kick Bucket	..... 1	
-50	Waste Receptacle	..... 1	

