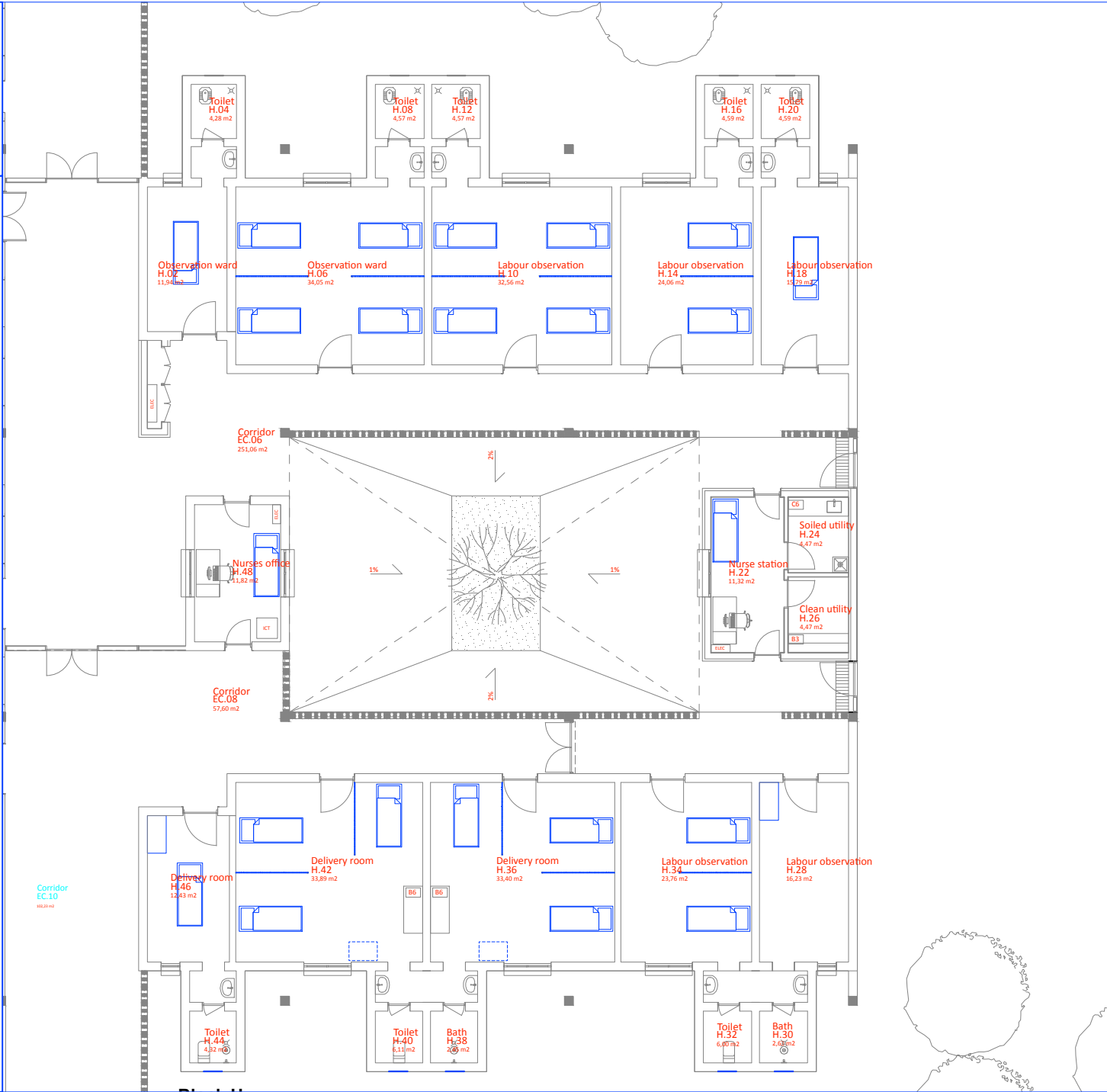
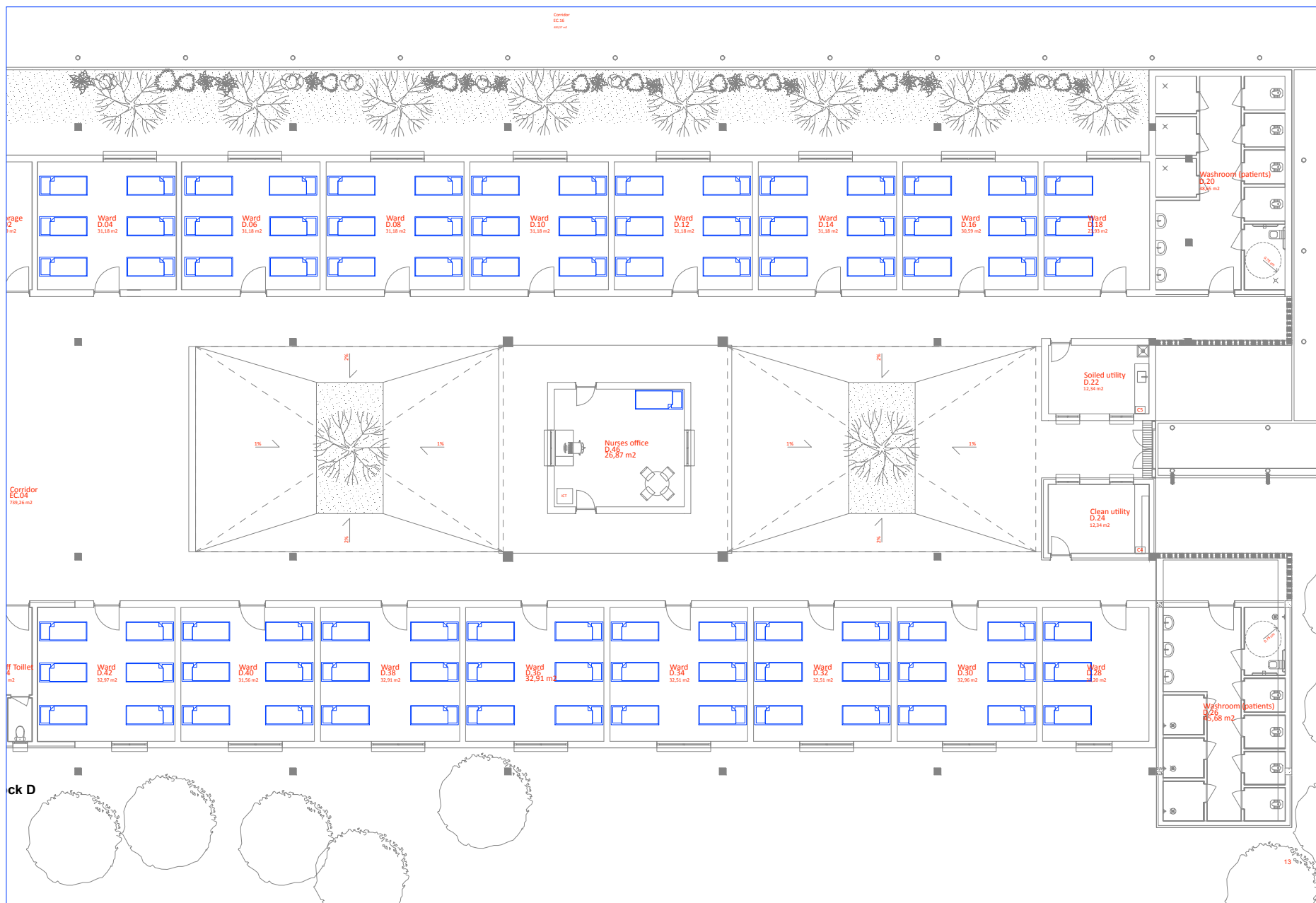


LAYOUT

SAUDI MATERNITY HOSPITAL  
BLOCK H - Delivery UNIT  
KASSALA - SUDAN





**LAYOUT**  
**SAUDI MATERNITY HOSPITAL**  
**BLOCK D - General Ward**  
**KASSALA - SUDAN**

# ROOMS, Codes and Characteristics

Implementing Agency: AICS

Kassala Health Citadel  
AID 11106

Ref Doc.: 03

RCode	Room	DimensionDesign m2	DimensionStandard m2	Elevation Design m	Pressure	Temperature Standard (C)	Total Air Change per Hour (m3/h)	Relative Humidity (%)	Recirc. In the room	Power Sockets	Intercom Sockets	UPS	Lighting Requirements (lux)	Light Color (K)
BLOCK D - General Ward														
D-00	General				E	22-26	4	40-55	N		0		100	nw
D-02	Storage	11,69			E	22-26	4	40-55	N	1	0		500	nw
D-04	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-06	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-08	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-10	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-12	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-14	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-16	Room Ward	31,18			E	22-26	4	40-55	N	6	0		100	nw
D-18	Room Ward	25,93			E	22-26	4	40-55	N	6	0		100	nw
D-20	Wash Room (patient)	48,65			E	22-26	4	40-55	N	3	0		200	nw
D-22	Soiled Utility	12,34			E	22-26	4	40-55	N	6	0		500	nw
D-24	Clean Utility	12,34			E	22-26	4	40-55	N	6	0		500	nw
D-26	Wash room (patient)	45,65			E	22-26	4	40-55	N	3	0		200	nw
D-28	Room Ward	25,26			E	22-26	4	40-55	N	6	0		100	nw
D-30	Room Ward	32,96			E	22-26	4	40-55	N	6	0		100	nw
D-32	Room Ward	32,51			E	22-26	4	40-55	N	6	0		100	nw
D-34	Room Ward	32,51			E	22-26	4	40-55	N	6	0		100	nw
D-36	Room Ward	32,91			E	22-26	4	40-55	N	6	0		100	nw
D-38	Room Ward	32,91			E	22-26	4	40-55	N	6	0		100	nw
D-40	Room Ward	31,56			E	22-26	4	40-55	N	6	0		100	nw
D-42	Room Ward	32,97			E	22-26	4	40-55	N	6	0		100	nw
D-44	Staff Toilet	12,23			E	22-26	4	40-55	N	3	0		200	nw
D-46	Nurse Station	26,87			E	22-26	4	40-55	N	4	1		300	ww
BLOCK H - Delivery														
H-02	Observation Ward	11,94			E	22-26		40-55	N				1000	nw

RCode	Room	Dimension Design m2	Dimension Standard m2	Elevation Design m	Pressure	Temperature Standard (C)	Total Air Change per Hour (m3/h)	Relative Humidity (%)	Recirc. In the room	Power Sockets	Intercom Sockets	UPS	Lighting Requirements (lux)	Light Color (K)
H-04	Toilet	4,28			E	22-26		40-55	N				200	nw
H-06	Observation Ward	34,5			E	22-26		40-55	N				1000	nw
H-08	Toilet	4,57			E	22-26		40-55	N				200	nw
H-10	Labour Observation	32,56			E	22-26		40-55	N				1000	nw
H-12	Toilet	4,57			E	22-26		40-55	N				200	nw
H-14	Labour Observation	24,06			E	22-26		40-55	N				1000	nw
H-16	Toilet	4,59			E	22-26		40-55	N				200	nw
H-18	Labour Observation	15,79			E	22-26	6	40-55	N				1000	nw
H-20	Toilet	4,59			E	22-26	2	40-55	N				200	nw
H-22	Nurse Station	11,32			E	22-26	4	40-55	N		1	1	300	nw
H-24	Soiled Utility	4,47			N	22-26		40-55	N				300	nw
H-26	Clean Utility	4,47			P	22-26		40-55	N				300	nw
H-28	Delivery Room	16,23			P	20-24	12	40-55	N		1	1	1000/10000	nw
H-30	Toilet	2,63			E	22-26		40-55	N				200	nw
H-32	Toilet	6,6			E	22-26		40-55	N				200	nw
H-34	Labour Observation	23,76			E	22-26	4	40-55	N				1000	nw
H-36	Delivery Room	33,4			P	20-24	12	40-55	N		1	1	1000/10000	nw
H-38	Bath	2,49			E	22-26		40-55	N				200	nw
H-40	Toilet	6,11			E	22-26		40-55	N				200	nw
H-42	Delivery Room	33,89			P	20-24	12	40-55	N		1	1	1000/10000	nw
H-44	Toilet	4,32			E	22-26		40-55	N				200	nw
H-46	Delivery Room	12,43			P	20-24	12	40-55	N		1	1	1000/10000	nw
H-48	Nurse Office	11,82			E	22-26	4	40-55	E		1	1	300	nw

# GENERAL DISTRIBUTION PLAN

Implementing Agency: AICS

KASSALA HEALTH CITADEL - SAUDI MATERNITY HOSPITAL

Ref Doc.: 01

Service	RCode	Room Name	UMDNS	ICode	Item	Q
BLOCK D - General Ward						
	D-02	Storage				
		Medical Device				
				MDD08	Weightening System, infant	2
				MDD08	Weighting System, Adult, with heght mes	2
	D-04	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	4
		Medical Device				
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
	D-06	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
		Medical Device				
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
	D-08	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
		Medical Device				
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
	D-10	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
		Medical Device				
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
	D-12	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
		Medical Device				
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
	D-14	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
		Medical Device				
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
	D-16	Room Ward				
		FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2

Service	RCode	Room Name	UMDNS	ICode	Item	Q
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
D-18		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	3
				04-CAB	Cabinet, Bedside	3
				04-FOR	Folding screen room dividers	1
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	1
D-22		Soiled Utility				
FURNITURE						
				04-SHI	Shelves, modular, Inox	1
D-24		Clean Utility				
FURNITURE						
				04-SHI	Shelves, modular, Inox	1
D-28		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	3
				04-CAB	Cabinet, Bedside	3
				04-FOR	Folding screen room dividers	1
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	1
D-30		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
D-32		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
D-34		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
D-36		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
D-38		Room Ward				
FURNITURE						
				04-BWG	Bed, ward, General Medicine, w/mattress	6
				04-CAB	Cabinet, Bedside	6
				04-FOR	Folding screen room dividers	2
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2

Service	RCode	Room Name	UMDNS	ICode	Item	Q	
	D-40	Room Ward	FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6	
				04-CAB	Cabinet, Bedside	6	
				04-FOR	Folding screen room dividers	2	
	Medical Device			MDD30	Flowmeter regulator, Oxygen, w/humidifier	2	
	D-42	Room Ward	FURNITURE				
				04-BWG	Bed, ward, General Medicine, w/mattress	6	
				04-CAB	Cabinet, Bedside	6	
				04-FOR	Folding screen room dividers	2	
	Medical Device			MDD30	Flowmeter regulator, Oxygen, w/humidifier	2	
	D-46	Nurse Station	FURNITURE				
				04-CAA	Cabinet, Ambulatory	2	
				04-CHH	Chair, Hospital	2	
				04-CHO	Chair, Office	1	
	General Equipment			04-CLW	Clock, wall mounted	1	
				04-COL	Couch, Lounge three seats	1	
				04-DEW	Desk, Writing, Ambulatory	1	
				04-TRE	Trolley, Emergency	3	
				04-TRIO1	Trolley, Inox, Operating Room, 50 x 70	3	
				04-TRM	Trolley, Medication	3	
				014	PC WorkStation	1	
				016	Printer, inkJet, Color, Multipurpose	1	
				026	UPS, double Conversion Sinusal, On line 1000 VA	1	
				029	Water Cooler	1	
	Medical Device			13-367	MDD02	Ambu bags, Adult	3
				13-367	MDD02	Ambu bags, Pediatric	3
				15-076	MDD17	Laryngoscope	3
				16-156	MDD14	Sphygmomanometer, Adul, Pediatric	6
				13-750	MDD12	Stethoscope, (dualHead)	12
				17-888	MDD13	Thermometers, Electronic, Infrared, Skin	6
					MDD08	Weightening System, infant	2
					MDD08	Weighting System, Adult, with heght mes	2
			Medical Equipment			15-016	02-ASE
			10-217	02-ASS	Aspirators, Surgical	3	
			17-116	02-DEF	Defibrillators, automated	3	
			11-696	02-DHF	Doppler, Fetal Heart, Ultrasonic Detector	3	
			18-329	02-ECM	Electrocardiographs, Multichannel, Interpretative	3	
			17-148	02-OMP	Oximeters, Pulse	5	
			17-157	03-REFD	Refrigerator, drugs, 140 l	3	
		BLOCK H - Delivery					
	H-02	Observation Ward	FURNITURE				
				04-BDA	Bed, delivery, w accessories	1	
				04-CAB	Cabinet, Bedside	1	
				04-CRN	Cradle, neonatal	1	
Medical Device				MDD30	Flowmeter regulator, Oxygen, w/humidifier	1	
H-06 Observation Ward							

Service	RCode	Room Name	UMDNS	ICode	Item	Q
FURNITURE						
				04-BDA	Bed, delivery, w accessories	4
				04-CAB	Cabinet, Bedside	4
				04-CRN	Cradle, neonatal	4
				04-FOR	Folding screen room dividers	3
Medical Device						
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
H-10 Labour Observation						
FURNITURE						
				04-BDA	Bed, delivery, w accessories	4
				04-CAB	Cabinet, Bedside	4
				04-CRN	Cradle, neonatal	4
				04-FOR	Folding screen room dividers	3
Medical Device						
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	2
Medical Equipment						
			12-276	02-LIE	Lights, examination	1
H-14 Labour Observation						
FURNITURE						
				04-BDA	Bed, delivery, w accessories	2
				04-CAB	Cabinet, Bedside	2
				04-CRN	Cradle, neonatal	2
				04-FOR	Folding screen room dividers	1
Medical Device						
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	1
Medical Equipment						
			12-276	02-LIE	Lights, examination	1
H-18 Labour Observation						
FURNITURE						
				04-BDA	Bed, delivery, w accessories	1
				04-CAB	Cabinet, Bedside	1
				04-CRN	Cradle, neonatal	1
Medical Device						
				MDD30	Flowmeter regulator, Oxygen, w/humidifier	1
Medical Equipment						
			12-276	02-LIE	Lights, examination	1
H-22 Nurse Station						
FURNITURE						
				04-CAA	Cabinet, Ambulatory	1
				04-CHO	Chair, Office	1
				04-DEW	Desk, Writing, Ambulatory	1
				04-TRE	Trolley, Emergency	1
				04-TRM	Trolley, Medication	2
Medical Device						
			13-367	MDD02	Ambu bags, Adult	2
			13-367	MDD02	Ambu bags, Pediatric	2
			15-076	MDD17	Laryngoscope	2
			16-156	MDD14	Sphygmomanometer, Adul, Pediatric	2
			13-750	MDD12	Stethoscope, (dualHead)	5
				MDD23	Stethoscope, fetal	4
			17-888	MDD13	Thermometers, Electronic, Infrared, Skin	2
				MDD08	Weightening System, infant	2
				MDD08	Weighting System, Adult, with heght mes	2
Medical Equipment						
			15-016	02-ASE	Aspirators, Emergency	2
			10-217	02-ASS	Aspirators, Surgical	2
			17-116	02-DEF	Defibrillators, automated	1



Service	RCode	Room Name	UMDNS	ICode	Item	Q
			11-696	02-DHF	Doppler, Fetal Heart, Ultrasonic Detector	2
			18-329	02-ECM	Electrocardiographs, Multichannel, Interpretative	1
			12-610	02-MBF	Monitors, Bedside, foetal (Antepartum)	1
			17-148	02-OMP	Oximeters, Pulse	7
			17-157	03-REFD	Refrigerator, drugs, 140 l	1
			18-143	02-SSUP	Scanning System, Ultrasonic, Portable	1
	<b>H-28</b>	<b>Delivery Room</b>				
		FURNITURE				
				04-BDA	Bed, delivery, w accessories	1
				04-CAB	Cabinet, Bedside	1
				04-CRN	Cradle, neonatal	1
				04-IVP	IV Pole, 2 hooks	1
		Medical Equipment				
			12-276	02-LIE	Lights, examination	1
	<b>H-34</b>	<b>Labour Observation</b>				
		FURNITURE				
				04-BDA	Bed, delivery, w accessories	2
				04-CAB	Cabinet, Bedside	2
				04-CRN	Cradle, neonatal	2
				04-FOR	Folding screen room dividers	2
				04-IVP	IV Pole, 2 hooks	2
		Medical Equipment				
			12-276	02-LIE	Lights, examination	1
	<b>H-36</b>	<b>Delivery Room</b>				
		FURNITURE				
				04-CLW	Clock, wall mounted	1
				04-CRN	Cradle, neonatal	3
				04_CUP	Cupboard	1
				04-FOR	Folding screen room dividers	2
				04-IVP	IV Pole, 2 hooks	3
				04-STE	Steps	1
				04-TABD	Table, Delivery w/accessories	3
				04-TRIO1	Trolley, Inox, Operating Room, 50 x 70	3
		Medical Device				
				MDD18	Vacuum Extractor	2
		Medical Equipment				
			10-217	02-ASS	Aspirators, Surgical	2
			12-873	02-OXC	Oxygen, Concentrator	2
	<b>H-42</b>	<b>Delivery Room</b>				
		FURNITURE				
				04-CAA	Cabinet, Ambulatory	1
				04-CLW	Clock, wall mounted	1
				04-CRN	Cradle, neonatal	3
				04_CUP	Cupboard	1
				04-FOR	Folding screen room dividers	2
				04-IVP	IV Pole, 2 hooks	3
				04-STE	Steps	1
				04-TABD	Table, Delivery w/accessories	3
				04-TRIO1	Trolley, Inox, Operating Room, 50 x 70	3
		Medical Device				
				MDD18	Vacuum Extractor	2
		Medical Equipment				
			10-217	02-ASS	Aspirators, Surgical	1
			12-276	02-LIE	Lights, examination	1
			12-873	02-OXC	Oxygen, Concentrator	2
	<b>H-46</b>	<b>Delivery Room</b>				

Service	RCode	Room Name	UMDNS	ICode	Item	Q
FURNITURE						
				04-BDA	Bed, delivery, w accessories	1
				04-CAB	Cabinet, Bedside	1
				04-CRN	Cradle, neonatal	1
				04-IVP	IV Pole, 2 hooks	1
				04-TRIO1	Trolley, Inox, Operating Room, 50 x 70	1
Medical Equipment						
			10-217	02-ASS	Aspirators, Surgical	1
			12-276	02-LIE	Lights, examination	1
H-48 Nurse Office						
FURNITURE						
				04-ARC	Archive with locker	2
				04-CAA	Cabinet, Ambulatory	2
				04-CHO	Chair, Office	2
				04-DEW	Desk, Writing, Ambulatory	2
General Equipment						
				014	PC WorkStation	1
				017	Printer, Laser, Monochrome	1
				029	Water Cooler	1
Medical Device						
				MDD08	Weightening System, infant	2
				MDD08	Weighting System, Adult, with heght mes	2