MedGlobal

BILL OF QUANTITIES - BOQ 1.3

Supply, Installation, Preparation, and Training Use for the Neonatal Intensive Care Unit - Al Ban Jadeed Teaching Hospital

Item No.	Item	Description / technical specification	Unit	No. of units	Unit Cost (USD)	Total Cost (USD)
1.3.1	**Neonatal incubator**	Supply and installation of a closed-care NICU incubator, double-wall hood, air & skin servo control (25- 37 °C air), humidifier, O2 inlet, tilting mattress, X-ray tray, independent over-temp cut-out, full alarms; 2 skin probes;	Unit	**7**		
1.3.2	**Radiant warmer**	Supply and installation of Mobile infant radiant warmer, servo & manual modes, ceramic/quartz heater, bassinet with drop sides & tilt, X-ray tray, APGAR timer, exam light, O2 flowmeter mount, full alarms; 2 skin probes;.	Unit	**2**		
1.3.3	**Bubble CPAP**	Supply and installation of Neonatal bubble CPAP, self-contained with integrated air compressor/flow driver (no wall air needed), O2 from concentrator or integrated, FiO2 21-95%, flow 0-15 L/min, CPAP 3-10 cmH2O, humidifier, alarms; 4 circuits + prongs/bonnets, all sizes;	Unit	**2**		
1.3.4	**LED phototherapy unit**	Supply and installation of Mobile overhead LED phototherapy, blue LED peak 450-470 nm, irradiance >= 30 uW/cm2/nm (2+ levels), treatment area >= 50x25 cm, hour meter, height/tilt adjustable for cot/warmer/incubator; eye shields;	Unit	**3**		
1.3.5	**Neonatal multiparameter monitor**	Supply and installation of a neonatal multiparameter monitor: SpO2 (motion-tolerant), PR, 3/5-lead ECG, RESP, neonatal NIBP, temp; >= 10" colour screen; 72 h trends; battery >= 2 h; neonatal sensors/cuffs 1-5	Unit	**4**		
1.3.6	**Syringe pump**	Supply and installation of a single-channel syringe pump, 5-60 mL syringes (auto-detect, multi-brand incl. locally available), 0.1-1200 mL/h with 0.01-0.1 mL/h steps, dose mode, accuracy <= +/-2%, occlusion levels & anti-bolus, full alarms, battery >= 4 h	Unit	**4**		
1.3.7	**Oxygen concentrator**	Supply and installation of an oxygen concentrator 10 -15 L/min, O2 >= 82% (target 93% +3/-6%) at all flows, OPI + low-O2 alarm, hour meter, rated to 40 C/95% RH, with neonatal flow splitter/flowmeter stand (>= 4 outlets, 0-2 L/min), humidifiers, 2-yr filter set	Unit	**2**		
1.3.8	**Neonatal suction machine**	Supply and installation of an electric neonatal suction unit, fine regulation 0-200 mmHg (neonatal range marked), gauge, >= 1 L jar with overflow & bacterial filter, battery preferred; spare jar, tubing, filters, neonatal catheters.	Unit	**2**		
					TOTAL COST (USD)	

Company Name:

Company Stamp:

Date: