MedGlobal

BILL OF QUANTITIES - BOQ 1.2

Supply, Installation, Preparation, and Training Use of Neonatal Ward - Al Ban Jadeed Teaching Hospital

Item No.	Item	Description / technical specification	Country of Origin	Photos	Warranty	Installation (YES /NO)	Training (YES /NO)	Lead Time
1.2.1	**LED phototherapy unit**	**Supply and installation of a mobile overhead LED phototherapy unit, blue LED peak 450-470 nm, irradiance >= 30 uW/cm2/nm (2+ levels), treatment area >= 50 × 25 cmight/tilt adjustable for cot/warmer/incubator; eye shields;**						
1.2.2	**Neonatal pulse oximeter**	**Supply and installation of Handheld/tabletop neonatal pulse oximeter (not fingertip), SpO2 +/-3% neonate, PR 25-250, pleth/signal quality, alarms, rechargeable >= 12 h; 2 reusable neonatal wraps + 10 disposables;**						
1.2.3	**Syringe pump**	**Supply and installation of single-channel, 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;**						
1.2.4	**Glucometers, thermometers, and small items (set)**	**Supply and installation of a Small equipment set: neonatal-validated 10 glucometers (ISO 15197) with strips/lancets, 10 digital thermometers (ISO 80601-2-56), 5 neonatal stethoscopes, an otoscope, 10 tapes, 5 penlights, and 4 room thermometers/hygrometers**						
1.2.5	**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;**						
1.2.6	**Suction machine**	**Supply and installation of an electric portable suction, vacuum adjustable with gauge & marked neonatal range (fine regulation <= 100 mmHg), flow >= 20 L/min, >= 1 L jar with overflow & filter, battery >= 30 min; spare jar, tubing, filters, neonatal catheters;**						
1.2.7	**Baby weighing scale**	**Supply and installation of an electronic baby scale, capacity >= 15-20 kg, graduation <= 5 g (to >= 10 kg), tare/hold, curved, cleanable tray, class III (OIML R76), medically approved, mains + battery,**						
1.2.8	**Resuscitation kit**	**Supply of Neonatal resuscitation kit: silicone self-inflating bag 220-320 mL with ~40 cmH2O pressure limit, O2 inlet + reservoir, masks 00/0/1, suction bulb, OP airways 000/00/0, case (laryngoscope/ETT optional) with neonatal word trolley**						

Company Name:

Company Stamp:

Date: