BILL OF QUANTITIES - BOQ 1.5

Supply, Installation, Preparation, and Training Use for the OBS/GYN Operating Theatres - Al Ban Jadeed Teaching Hospital

Item No.	Item	Description / technical specification	Unit	No. of units	Unit Cost (USD)	Total Cost (USD)
1.5.1	**Anaesthesia machine with ventilator**	**Supply and installation of Anaesthesia workstation with integrated ventilator (VCV/PCV/SIMV/PSV, TV 20-1500 mL, PEEP), O2 + air (N2O optional), pipeline + pin-index cylinder yokes, 2 vaporiser mounts + 1 vaporiser (agent TBC), O2 failure alarm, hypoxic guard, compact autoclavable circle system, ACGO, AGSS, battery >= 90 min;**	Unit	**2**		
1.5.2	**Patient monitor (theatre)**	**Supply and installation of Theatre multiparameter monitor: 5-lead ECG (ST/arrhythmia), SpO2, NIBP, RESP, 2xTEMP, EtCO2 mandatory (IBP optional), >= 12" colour, 72 h trends, battery >= 2 h, ESU-protected; adult accessories + CO2 kit.**	Unit	**2**		
1.5.3	**Electrosurgical unit (diathermy)**	**Supply and installation of an electrosurgical generator, monopolar cut >= 300 W, blend, coag (pinpoint/spray >= 120 W), bipolar >= 50 W, REM/CQM pad monitoring, isolated output, hand & foot activation; trolley, footswitches, pencils, bipolar forceps, 100 split pads;**	Unit	**2**		
1.5.4	**LED operating light**	**Supply and installation of an LED surgical light, single dome, Ec >= 130,000 lux at 1 m (dimmable), field >= 180 mm, 4000-5000 K, Ra >= 93, depth >= 1000 mm, 2 autoclavable handles, ceiling-mounted or mobile (TBC by site survey), battery backup >= 60 min preferred;**	Unit	**2**		
1.5.5	**Defibrillator**	**Supply and installation of Defibrillator/monitor biphasic (impedance-compensated), up to >= 200 J (360 J preferred), manual/sync/AED modes, adult & paediatric paddles, 3/5-lead ECG, recorder, self-test, battery >= 100 shocks + spare; pads, paper;**	Unit	**1**		
1.5.6	**C-section instrument set**	**Supply of Reusable CS instrument set (~50 pcs, ISO 7153-1 stainless): scalpel handles 3/4, Mayo/Metzenbaum scissors, toothed/non-toothed forceps, artery forceps (Kelly x6, straight x4, mosquito x4), Green-Armytage x4, Allis x4, Babcock x2, needle holders x3, Doyen, Langenbeck x2, self-retaining retractor, sponge forceps x2, towel clips x5, Yankauer, tray with lid. Full list in spec sheet; CE, ISO 13485.**	Set	**4**		
1.5.7	**Autoclave**	**Supply and installation of Steam sterilizer, usable chamber >= 50 L (>= 2 CS trays/cycle), Class B pre-vacuum preferred, 121/134 C wrapped & unwrapped with drying, Bowie-Dick & leak test, auto control, printer/logger, door interlock; trays, indicators, test packs; E**	Unit	**1**		
1.5.8	**Theatre suction machine**	**Supply and installation of a mobile theatre suction, vacuum >= -80 kPa adjustable with gauge, flow >= 40 L/min, 2 x >= 2 L autoclavable jars with changeover, overflow & bacterial filter, oil-free continuous-duty pump, foot-switch; spare jar, tubing, filters**	Unit	**2**		
					TOTAL Cost (USD)	

Company Name:

Company Stamp:

Date: