

## Description of Work

(for all the works)

(Comprehensive Annual maintenance Contract for Modular O.T. Shatabdi Hospital Phase-1, KGMU, U.P. Lucknow.)

S.No.	ITEM DESCRIPTION	QTY	UNIT
i	Walls made of 10 mm high pressure laminate with both side antibacterial(back and front) hipercare/ steripanel (imported as per EN standard) resistant, scratcproof , both side anti-bacterial during the whole lifecycle, light and heat resistant, water solvent and chemical resistant stain resistant, smooth surface, Hipercare/ steripanel is resistant against humidity and disinfective cleaning detergent it should endure highest mechanical exposure without visible signs of wear it should be extraordinary long lasting. It should not be dented and/or scratched as this is the case with metal panels No hygroscopic gypsum board should be needed for reinforcement of Hipercare / Steripanel this should be capable of openings for additional electrical outlet x-ray viewers etc and should be cut easily also later on panels should be exchangeable for revision or replacement.	16	No
ii	Celling system of operating room shall be made of STERIPANEL/ hipercare (imported and us EN standard) both side antibacterial and made from 0.8 mm thick STERIPANEL both side with an average weight of 4.5 kg/sq. Mtrs. Material Class: A2-sl accord DIN EN 13501-1 Fire resistance F30-F120 accord DIN 4102 Part 2	16	No
iii	Clean Air System Complete Plenum system with mini pleat filters (CE marked) Imported.	16	No
iv	Floor (imported and us EN standard) conductive floor should be made of two component anti-static resin of three different layer consisting of primer, self levelling and top layer, top layer should be realetd chemically to harden the surface for longer durability and for case of cleaning and disinfection	16	No
v	Corners made of round shaped aluminium profile, seamless integrand into the floor, inserted into the wall pancling(imported)	16	No
vi	Doors standard size doors automatic sliding hermetically scaled made of high pressure laminate antibacterial STERIPANEL/ HIPERCARE imported and as per EN standard with glass vision window	16	No
vii	Peripheral light (imported) Peripheral light should have following features. . Luminaire body should be dust proof, nearly bacteria proof, high degree of protection IP 65 . IP 65 protection rating> dust proof virtually bacteria proof . the meaning of IP 65 . IP> International Protection Rating . 6> Object size protected against dust tight . No ingress of dust complete protection against contact . 5> Water projected by a nozzle against enclosure from any direction shall have no harmful effects . Luminaire should be made of highly resistant laminated safety glass thus 100% shatter protection. . Adjustable reflector optical system should be individually adjustable to the conditions in the operating theatre. . it should not have interference on the infrared controls of the operating table . Endoscopic light Green light insert for use in the operating theatre especially for minimally invasive surgery with low illuminances. . plane glass with stylish fine grained surface dor eliminating uncontrolled reflections when using laser technology. . the body of the light should be completely closed which prevent the entry of unwanted minute particles from the ceiling into the room thus making it highly suitable for the operating areas . switching and dimming of every individual lamp . green light for enfoscopy	16	No

	. smooth easy to clean and disinfect surfaces . individually adjustable reflector =30 deg.		
viii	Celling Pendent for Anesthesia with spacer block and six gas valves and six electrical sockets with motorized movement (imported and us EN standard) Celling Pendent for surgery with spacer block and six gas valves and six electrical sockets with motorized movement (imported and us EN standard)	16	No
ix	Imported Celling Mounted Dual Dome LED OT Light with following features. . 13000 Lux-14000Lux each dome . Dimming 7 steps . Focus .Light filed dis-180-320mm. . Color temp.- 4300k and minimum 216 LEDs . Endoscopy / Leproscopy green light, satin finish cover glass. . Colour rendering Index ra>93, Safety glass, Light emitting surface one no built in video camera in either dome camera in either dome in the central handle with wireless remote control unit and OT light must be focusable with bulling camera.\	16	No
x	Electric wiring + Fitting and fixtures insde O.T	16	No
xi	Gas Pipe Line inside O.T	16	No
xii	Control Panel embrane type indigenous Operation Control Panel mounted flues in the theatre wall with distribution board complete with all accessorise the control panel comprising of the following- . 1 number day time digital clock . 1 number clasped time digital clock . 1 number hand free telephone . medical gas alarm . temperature and humidity display only . peripheral light controller	16	No
Xiii	Twin Plate x ray viewing screen indigenous designed to provide a high level of control luminance (Dimming rang 3-100% flicker free) complete with all accessories etc.	16	No
Xiv	Operating Writing List Board indigenous of size 100mm x700mm x60 deep complete with all accessories etc.	16	No
xv	3-Bay scrub station indigenous made out of SS 304 Brush finish 1.6 mm complete with all accessories i.e. touchless sensors with time control thermostatic mixing valve and with lnee bypass system etc.	16	No
xvi	Dirty Hatch in operation theatre for removal of OT waste of the following features shall be installed Each hatch will be equipped with two doors the doors are operated electronically the hatch designed in such way that only one doors in open at one time the Dirty hatch comprises od MOC- 18 swg. SS 304, view panel-5 mm thick glass on both shutters and with UV light ON operational when doors are closed and of size 700 x700 x600mm	16	No
xvii	All the Hose Keeping works related to all Modular operation theatres will be the sole responsibility of the successful tenderer	16	No
<b>Total Estimated Cost of related work:-17835000.00(one crore Seventyeight lakh thirtyfive thousand only)</b>			
<b>Tenderer to be Quoted CAMC (including Consumers &amp; nonconsumers items)</b>			
<b>Amount :- .....+ GST :-.....</b>			
<b>In Words :- .....+ GST :-.....</b>			

2nd year Comprehensive Annual Maintenance(including Consumers & nonconsumers items)	1 Nos.	1% Increasing1st year CAMC + GST
3rd year Comprehensive Annual Maintenance(including Consumers & nonconsumers items)	1 Nos.	1% Increasing + 2 <sup>nd</sup> year CAMC + GST
4th year Comprehensive Annual Maintenance(including Consumers & nonconsumers items)	1 Nos.	1% Increasing + 3 <sup>rd</sup> year CAMC + GST
5th year Comprehensive Annual Maintenance(including Consumers & nonconsumers items)	1 Nos.	1% Increasing + 4 <sup>th</sup> year CAMC + GST