

Offer for Supply & Installation of Pre-Fabricated Modular Operation Theatre.

Item No.	Description	Unit	Qty.	Currency	Unit Rate	Amount	Remarks
1.0	Pre-Fabricated Steel Panel: Supply and Installation of Pre-fabricated Zinc Passivated / stanles steel; Steel (asper IS 277), Wall & Ceiling Panels of EGP Steel having 1.5 mm thickness backed by 12 mm thick plaster board to provide a seamless Operating Room.	Lot	1	Rupee			TATA/Bhushan/Jindal
2.0	Coating: Filling of all Joints and cavities with Esdee Polyester putty for metal surface and Sanded Flush to provide a jointless finish primer with metal primer to give a bonding of paint and then sprayed with a water based liquid plastic aseptic and self sterilizing wall coating system , which protects against the growth of micro-organism, such as mould,funbgi, yeast and bacteria on its surface, Equivalent to a minimum dry film thickness of 300 micron.	Lot	1	Rupee			Sikka steridex ,Unversal,Esdee,
3.0	Supply & Installation of seamless conductive flooring system, 2mm thick, having ESD / EMI (conductive) protection characteristics with perfectly curved flush covings, all joints welded properly with same material .(Roll)	Lot	1	Rupee			Imported-GER FLOOR/Armstrong
4.0	Supply & Installation of Planair Ceiling system with unidirectional airflow. Plenum unit, Holding structure & Top plenum are made of Aluminium Sheet 1.5mm thk. with aluminum extrusion frame & sealed gasket conforming to DIN 4799 standards for the air distribution system with hepa filter having efficiency 99.97% down to 0.3 micron.. The laminar flow system shall have such design that it provides "S" class Hepa filter 8nos . The filter housing terminals are made of a one piece frame and plenum with perfect tightness features. Diffuser : 2 layer monofilament precision woven polyester of uniform porosity with an open area of sufficient resistance to create laminar from diffusers face and inetgral lighting provides an illumination level in excess of 15000 Lux in operating area and 10000 Lux other electronic stepless dimming down to 5% without flicker.Size 2700 x 2400 x 350mm	Set	1	Rupee			MOC- JINDAL, HINDALCO, HEPA-AAF CAMFIL FINEAIRSYS. EQUIVALANT

5.0	Providing, Supply, Installation of Membrane type Operation Theatre Control Panel mounted flush in the theatre wall with Distribution Board complete with all accessories etc. The control panel comprising of the following :- * 1 no Day Time Digital Clock * 1 no Elapsed Time Digital Clock * 1 no Hands Free Telephone * Medical Gas Alarm (gas) * Temperature & Humidity display and hepa status * Peripheral Light Control	Nos	1	Rupee			
6.0	Supply & Installation of 2 Plate LED Dimmable X-Ray Viewing Screen (Dimming range 3 - 100%), range of 3- 100 %, complete with all accessories etc.(Size 950x 648mm)	Nos.	1	Rupee			
7.0	Supply & Installation of Operating Writing List Board (Magnetic) of size 948mm X 648mm complete with all accessories.	Nos.	1	Rupee			
8.0	Supply & Installation of Recess mounted IP54 protocol, non-hygroscopic based Peripheral LED Lights to be mounted on false ceiling for clean room application and digital dimmable ballast.	Nos.	6	Rupee			
9.0	Supply & Installation of Storage Unit size of (1665mm x 865mm x 350mm) made of 1.5mm GI 120 GSM Zinc coated steel having Two Equal Shelve and Glass Door with magnet catcher and Lock on upper shelve.	Nos.	2	Rupee			
10.0	SS 304 Pressure release Damper for exhaust excess pressure in OT	Nos.	1	Rupee			
11.0	Hermetically Sealed Sliding Door ,type manual door of sizes 1500 x 2100 mm Hermetically sealed 100% at 25 KPa having PUF/ high density particle board cores, High pressure laminated faced on both sides, viewing window 300 x 300 mm and for smooth effortless sliding, the door runs on nylon wheels within an aluminum extrusion track.	Nos.	1	Rupee			Metaflex
12.0	Microprocessor based electronic automation for sliding door for controlling the direction of movements, the acceleration and speed of the door, with a low noise level pulse generator motor. It includes a photocell for user's safety. With Foot and radar hand Switch.	Set	1	Rupee			Metaflex
13.0	Electrical conduiting and conductive wiring as per equipment requirement of cables ranging 1.5, 2.5, 4 sq. mm dia, Data and CAT - 5 cable for Gas Alarm etc.inside OT	Set	1	Rupee			Polycab, finolex, havells
14.0	PASS / HATCH BOX Having sizes in accordance to the requirement should not be lesser the 600 X 600 mm made of stainless steel grade 304, having door interlocking, UV lights electronic controls.(Only one between two OT)	Nos.	1	Rupee			
15.0	HVAC Bio - Air conditioning System: having AHU Air Handling Unit Double skin, 4000 CFM thermal break profile 43mm (preferable 50 mm) thick PUF insulated GI powder Panel) with HVAC Aluminium ducting, Supply and Return Air Ducting with Insulation. From AHU to Operating theatres, Aluminium Return Air Riser with Insulation, Return Air Grill PFT coated, with damper.pressure Pressure gauge in supply and return of Chill Water Line and and temperature gauge on Chill water line, entering each AHU.	Set	1	Rupee			HPS/Vibro

16.0	2-Bay Scrub Sink, with Infrared Photo sensor, Digital Timer with user defined Time interval 1,3,5 and 10 minutes, 1 no. mixture valve and 2 nos. solenoid valves along with Manual Option knee Operated mechanism/ Foot switch.Anti-splash metal body construction made of Stainless Steel Grade 304 polished finished. The Scrub Sink is provided with front access panel for ease of maintenance and repairs.	Set	1	Rupee			
<p>S/D</p> <p>Auth.</p>							