TENDER PROFORMA: MODULAR OPERATION THEATRE (OT) TURNKEY PROJECT
Room Dimension: 23' x 24' x 10' (Approx. 552 sqft floor area)

S.N.	Item Code / Category	Fixed Item Description & Technical Specifications	Qty	Offered Make / Model	Basic Rate (INR)	GST (%)	Total Price (INR)
1	MOT-01	Air Handling Unit (AHU) & Refrigeration System: Double skin AHU with thermal break profile, ~5,000 to 5,500 CFM airflow, pre-filters (10 micron), micro-V filters (3 micron), and HEPA H14 filters (99.997%), coupled with 11 TR Ducted Split / VRF Compressor Condensing Units (Daikin/Carrier/Blue Star make).	1 Set				
2	MOT-02	Laminar Air Flow (LAF) Plenum: Minimum 8' x 6' stainless steel (SS-304) ceiling-suspended plenum box housing HEPA H14 filters to maintain unidirectional aseptic airflow over the surgical table.	1 Set				
3	MOT-03	HVAC Control & Automation Panel: Microprocessor-based digital control panel featuring Variable Frequency Drive (VFD), temperature controller, and relative humidity (RH) sensor readout to maintain strict positive pressure and climate control.	1 Set				
4	MOT-04	Ducting & Insulation Package: Galvanized Iron (GI) sheet ducting (22/24 SWG) insulated with 19mm closed-cell XLPE insulation, canvas connections, fire-damper, and supply/return air grilles with volume control dampers (~1,400 sqft layout).	1 Job				
5	MOT-05	Refrigerant Piping & Drainage: High-grade copper refrigerant piping with insulation (up to 40 meters run connecting AHU to outdoor condensing units) plus condensate drain piping.	1 Job				

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6	MOT-06	Modular Wall Panels: Pre-Coated Galvanized Iron (PCGI) sandwich panels (50mm / 80mm thickness, 0.6mm skin, high-density PUF insulation ~40 kg/m³, flushed joint installation, approx. 930 sqft).	1 Job				
7	MOT-07	Modular Ceiling Panels: 50mm PCGI ceiling sandwich panels with structural threaded-rod hangers, walkability support, and integrated light/HEPA cutouts (approx. 550 sqft).	1 Job				
8	MOT-08	Aseptic Cove Profiles: Aluminium concave cove profiles for all wall-to-wall, wall-to-ceiling, and wall-to-floor junctions to ensure seamless, dust-free sterile cleaning.	1 Job				
9	MOT-09	Hermetically Sealed OT Door: Single or double leaf sliding/swing hermetically sealed door with heavy-duty acoustic and airtight rubber gasketing, view window, and foot/sensor switch operation.	1 Set				
10	MOT-10	Antistatic ESD Vinyl Flooring: 2mm homogeneous antistatic (ESD) vinyl flooring with copper strip grounding grid and chemical welding rods (Gerflor or equivalent approved make, approx. 600-660 sqft).	1 Job				
11	MOT-11	Cleanroom Lighting Fixtures: Recessed, IP54 dust and moisture proof LED cleanroom light fixtures (set of 8-10 fixtures with dimmable/soft white medical illumination).	1 Set				

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12	MOT-12	X-Ray View Box: LED 2-plate medical grade dimmable X-ray viewing screen flush-mounted on wall.	1 Set				
13	MOT-13	Surgeon Write-Up Board & Instrument Cupboard: Stainless steel flush-mounted writing board and pass-through instrument storage cabinet.	1 Set				
15	MOT-14	Turnkey Freight & Logistics: Safe packaging, transit insurance, and F.O.R. delivery to hospital site in Bhuj, Gujarat.	1 Job				
16	MOT-16	NABH Commissioning & Validation: Professional testing and certification report including HEPA integrity (PAO/DOP) test, particle count, air change rate, and positive pressure balancing.	1 Job				
		TOTAL MODULAR OT PACKAGE PRICE (F.O.R. DESTINATION BHUJ)	Total				
OPT	WARRANTY & AMC	Post-Warranty Annual Maintenance Contract (AMC) / Comprehensive Maintenance Contract (CMC) for HVAC and Modular Cleanroom works	3 Yrs				