

INDUS HOSPITAL AND HEALTH NETWORK



COMMUNITY HEALTH DIRECTORATE BILL OF QUANTITY - CONTAINERIZED CLINIC

DATE: 19-08-2026

Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
SECTION 1 — CONTAINER PROCUREMENT & MODIFICATION						
Procurement, supply, inspection, loading, transportation, unloading, handling, and delivery of one (2) complete 40 ft × 8 ft & (1) 20 ft × 8 ft ISO High Cube Shipping Container to the Contractor's fabrication workshop, including all labour, lifting equipment, transportation, documentation, permits (if applicable), and incidental works required for safe delivery, complete in all respects and in accordance with the Engineer/Consultant's instructions.						
1.1	Procurement and supply of one (1) ISO 668 Standard 40 ft High Cube (HC) Shipping Container, manufactured in 2015 or later, Wind & Watertight (WWT), fabricated from Corten Steel with valid CSC Plate, complete in all respects.	JOB	2		0.00	
1.2	Procurement and supply of one (1) ISO 668 Standard 20 ft High Cube (HC) Shipping Container, manufactured in 2015 or later, Wind & Watertight (WWT), fabricated from Corten Steel with valid CSC Plate, complete in all respects.	JOB	1		0.00	
1.3	Loading, transportation, unloading, and delivery of the 40 ft High Cube Shipping Container from the designated container yard to the Contractor's fabrication workshop, including all handling equipment, labour, and incidental costs, complete in all respects.	JOB	3		0.00	
Section 1 Total — CONTAINER PROCUREMENT & MODIFICATION					0.00	
SECTION 1.1 — Transportation & Installation — Shah Jamal, Punjab						
1.1.1	Transportation and Installation at Shah Jamal, Sindh, including loading, unloading, shifting, placement, assembly/installation, labor, tools and tackles, complete in all respects.	JOB	1		0.00	
Section 1 Total — Transportation & Installation — Shah Jamal, Punjab					0.00	
SECTION 2 — SURFACE PREPARATION & PROTECTIVE COATING						
Supply, prepare, protect and complete the corrosion protection system for all exposed and concealed Mild Steel (MS) structural members of the Containerized Clinic, including staircase assemblies, structural framing, wall framing, ceiling framing, roof framing, floor framing, brackets, supports, reinforcement members, fabricated steel components, weld joints, cut edges, connection plates and all associated steel works. The work shall include complete surface preparation, abrasive sand blasting, application of a multi-coat 2K protective coating system, touch-up after fabrication, inspection, Dry Film Thickness (DFT) testing, quality assurance, labour, tools, equipment, consumables, transportation and all materials required to provide a complete corrosion protection system in accordance with ISO 8501-1, approved drawings, coating manufacturer's recommendations and Engineer/Consultant's instructions. All steel surfaces shall be abrasive sand blasted to SA 2.5 finish prior to coating application. The coating system shall comprise one (1) coat 2K Zinc Rich Epoxy Primer (60–75 µm DFT), two (2) coats 2K High Build Epoxy Intermediate Coat (100–125 µm DFT each), and one (1) coat UV-resistant 2K Aliphatic Polyurethane (PU) Top Coat (50–60 µm DFT), achieving a minimum total Dry Film Thickness (DFT) of 350 microns. Approved coating manufacturers/brands shall include Nippon Paint, Kansai Paint, Chemserve, Diamond Paints, Kapci Coatings, Nexa Autocolor. General Note / Technical Requirements:						
Note: The contractor shall submit the proposed coating manufacturer's technical data sheets, product data sheets, recommended coating system and compatibility details for approval prior to application. DFT measurements shall be carried out for each coating layer and the completed coating system, and inspection/DFT records shall be submitted to the Engineer/Consultant. Any damaged, defective or insufficient coating resulting from fabrication, handling, transportation or installation shall be properly prepared and repaired by the contractor at no additional cost. All coating materials shall be applied strictly in accordance with the manufacturer's recommendations regarding surface preparation, mixing ratio, pot life, recoat interval, application method and curing time.						
SECTION 2.1 — Surface Preparation						
2.1.1	Abrasive sand blasting of all exposed and concealed Mild Steel (MS) structural members to SA 2.5 finish in accordance with ISO 8501-1, including removal of rust, mill scale, welding slag, grease, oil, dirt, oxidation and all foreign materials, complete in all respects.	JOB	1		0.00	

Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
Section 2.1 Total — Surface Preparation					0.00	
SECTION 2.2 — Protective Coating System						
2.2.1	Supply and application of one (1) coat 2K Zinc Rich Epoxy Primer, achieving 60–75 microns DFT, including all required materials, labour, tools and application equipment, complete in all respects.	JOB	1		0.00	
2.2.2	Supply and application of first coat 2K High Build Epoxy Intermediate Coat, achieving 100–125 microns DFT, complete in all respects.	JOB	1		0.00	
2.2.3	Supply and application of second coat 2K High Build Epoxy Intermediate Coat, achieving 100–125 microns DFT, complete in all respects.	JOB	1		0.00	
2.2.4	Supply and application of one (1) coat UV-resistant 2K Aliphatic Polyurethane (PU) Top Coat, achieving 50–60 microns DFT, including approved colour, complete in all respects.	JOB	1		0.00	
Section 2.2 Total — Protective Coating System					0.00	
SECTION 3 —STRUCTURAL FABRICATION						
Supply, fabricate, assemble, deliver, install, test, and commission all Mild Steel (MS) structural works required for the complete conversion of one (1) ISO 668 High Cube Shipping Container into a fully functional Containerized Clinic. The works shall include container modification, structural reinforcement, external wall framing, internal partition framing, false ceiling framing, roof support framing, equipment and MEP service support framing, firefighting equipment supports, recessed cabinets, connection members, fixing brackets, lifting arrangements, and all associated structural steel works required to complete the unit in accordance with the approved shop drawings and the Engineer/Consultant's instructions. Unless otherwise specified, all fabricated structural members shall be manufactured from first-class Mild Steel (MS) Square Hollow Sections (SHS), Rectangular Hollow Sections (RHS), MS Channels, MS Angles, MS Plates, CRCA/MS Sheets, and other structural sections as specified in the respective BOQ items. Minimum thickness of fabricated framing members shall be 16 Gauge (approximately 1.6 mm), unless otherwise stated. Structural members subjected to higher loads, including staircase framing, roof framing, equipment supports, reinforcement members, base plates, and connection members, shall be provided in the sizes and thicknesses specified in the respective BOQ items or approved shop drawings. The Contractor shall carry out all cutting, drilling, welding, grinding, edge preparation, alignment, lifting, erection, temporary supports, fixing, structural restoration, testing, and commissioning required to complete the works. All welding shall be performed using E6013 electrodes (ESAB, Zodian, or approved equivalent readily available in Pakistan) by qualified welders. Surface preparation and protective coating of all fabricated steel members shall be carried out in accordance with Section 3 – Surface Preparation & Protective Coating. The rates shall include all labour, materials, consumables, transportation, tools, equipment, fixing accessories, and incidental works required to complete the structural works in all respects.						
SECTION 3.1 —Container Modification & Structural Reinforcement						
Carry out all structural modifications to the ISO container including cutting and preparation of openings for doors, windows, ventilation, MEP services, medical equipment, and utility penetrations. Reinforce all modified openings with MS jambs, headers, sills, reinforcement framing, and structural members necessary to restore the original strength and rigidity of the container. Seal the original cargo door end using minimum 2.0 mm thick MS sheet complete with supporting framing and structural reinforcement, maintaining the container's structural integrity in accordance with the approved shop drawings.						
3.1.1	Container Modification Works	JOB	1		0.00	
3.1.2	Structural Reinforcement to Modified Openings	JOB	1		0.00	
3.1.3	Cargo Door End Closure	JOB	1		0.00	
Section 3.1 Total — Container Modification & Structural Reinforcement					0.00	
SECTION 3.2 — External Wall Structural Framing						
Supply, fabricate, and install complete external wall framing using minimum 16 Gauge 3"x1" 2' c/c MS Rectangular Hollow Sections (RHS), including vertical studs, horizontal runners, perimeter framing, bracing members, fixing brackets, and all structural members required to support the external wall cladding system.						
3.2.1	External Wall Structural Framing	Kg	450		0.00	
Section 3.2 Total — External Wall Structural Framing					0.00	
SECTION 3.3 —Internal Wall Structural Framing						
Supply, fabricate, and install complete internal partition framing using minimum 16 Gauge 2"x 1", 2' c/c MS Rectangular Hollow Sections (RHS), including vertical studs, horizontal runners, service support framing, fixing brackets, and all structural members required to support wall cladding, sanitary fixtures, cabinetry, medical equipment, and fixed installations.						
3.3.1	Internal Wall Structural Framing	Kg	30		0.00	
Section 3.3 Total — Internal Wall Structural Framing					0.00	

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Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
4.1.1	Roof Corrugation PU Foam Filling	SFT	850		0.00	
4.1.2	Polyurethane Primer Application	SFT	850		0.00	
4.1.3	Fiberglass Reinforcement Mesh	SFT	850		0.00	
4.1.4	Elastomeric Polyurethane Waterproof Coating	SFT	850		0.00	
4.1.5	UV-Resistant Protective Top Coat	SFT	850		0.00	
Section 4.1 Total — Roof Waterproofing System					0.00	
SECTION 4.2 — Flashing & Weather Sealing						
Supply and installation of roof edge flashings, roof joint sealing, and associated weather sealing works complete with all materials, accessories, fixings, and workmanship necessary to ensure a weatherproof and watertight roof perimeter and terminations.						
4.2.1	Galvanized Steel Roof Flashing With Polyurethane Weather Sealant to External Joints & Penetrations	RFT	130		0.00	
Section 4.2 Total — Flashing & Weather Sealing					0.00	
SECTION 4.3 — External Wall Thermal & Cladding System						
Install the complete external wall insulation and cladding system comprising minimum 80 kg/m³ non-combustible Rock Wool insulation within the external wall framing together with 18 mm thick high-density PVC Foam Board internal lining, stainless steel fixings, trims, sealants, edge finishing, service cut-outs, and all accessories required to provide a smooth, hygienic, moisture-resistant, and washable internal wall finish.						
4.3.1	Rock Wool Insulation	SFT	1,550		0.00	
4.3.2	PVC Foam Board Wall Cladding	SFT	1,550		0.00	
					600	0.00
SECTION 4.4 — Internal Partition Thermal & Cladding System						
Install the complete internal partition insulation and cladding system the partition framing and 18 mm thick PVC Foam Board cladding to both sides of the partitions, complete with trims, sealants, fixing accessories, edge finishing, and all associated materials required for a durable healthcare-grade partition system.						
4.4.2	PVC Foam Board Partition Cladding	SFT	200		0.00	
Section 4.4 Total — Internal Partition Thermal & Cladding System					0.00	
SECTION 4.5 — Ceiling Thermal & Cladding System						
Install the complete insulated ceiling lining comprising minimum 80 kg/m³ Rock Wool insulation above the ceiling framing and 18 mm thick CNC-machined PVC Foam Board decorative ceiling panels arranged in a 2'-0" x 2'-0" modular square grid, complete with powder-coated aluminium joint cover strips, perimeter trims, cut-outs for recessed lighting, HVAC diffusers, smoke detectors, access panels, service openings, and all fixing accessories.						
4.5.1	Rock Wool Insulation	SFT	850		0.00	
4.5.2	Decorative Dampa Ceiling Panels	SFT	850		0.00	
4.5.3	Aluminium Joint Cover Strips	RFT	850		0.00	
Section 4.5 Total — Ceiling Thermal & Cladding System					0.00	
SECTION 4.6 — WALL PROTECTION						
Supply and install heavy-duty wall corner guards manufactured from minimum 2.0 mm high-impact PVC or minimum 1.5 mm powder-coated aluminium, complete with rounded edges, end caps, concealed fixings, and all accessories required to protect exposed wall corners from impact damage.						
4.6.1	Wall Corner Guards	RFT	170		0.00	
Section 4.6 Total — WALL PROTECTION					0.00	
SECTION 5 — DOORS, WINDOWS & VENTILATION						
Supply, deliver, install, adjust, test, and commission complete door, window, and ventilator systems for the Containerized Clinic, including frames, glazing, hardware, locks, handles, hinges, hydraulic door closers, weather seals, flashings, sealants, trims, fixing accessories, adjustments, testing, commissioning, and all materials required to complete the installation in accordance with the approved shop drawings, manufacturer's recommendations, and the Engineer/Consultant's instructions. Installation shall be carried out into prepared structural openings. Container modification, cutting, structural framing, and reinforcement of openings are measured separately under Section 4 – Mild Steel Structural Works.						
SECTION 5.1 — Door System						

Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
Supply and install complete door systems comprising heavy-duty Mild Steel (MS) and powder-coated aluminium doors in the sizes shown on the approved drawings, complete with door frames, glazing where specified, stainless steel hinges, locksets, handles, hydraulic door closers, weather seals, flashings, fixing anchors, sealants, insulated door panels where applicable, emergency exit hardware, safety signage, and all accessories required for a complete operational installation. External and internal MS doors shall be manufactured by Khambati or approved equivalent. Aluminium doors shall be fabricated using minimum 2 mm thick approved colour powder-coated Lucky aluminium sections with 120 mm frames, glass 12mm or approved equivalent. Door hardware shall be Yale or approved equivalent. Emergency escape doors shall be outward opening and fitted with internal panic push-release hardware (Press-to-Exit), operable from inside without the use of keys or tools, with no external handle or opening provision, complete in all respects.						
5.1.1	Aluminium External Glass Swing Door (4'-0" × 7'-0")	Nos	1		0.00	
5.1.2	MS Internal Glazed Door (2'-6" × 7'-0")	NOs	3		0.00	
Section 5.1 Total — Door System					0.00	
SECTION 5.2 — Window System						
Supply and install fixed aluminium window systems fabricated from minimum 2 mm thick white powder-coated aluminium sections (Lucky or approved equivalent), complete with minimum 5 mm tempered double-glazed glazing, integral blinds, Georgian bars, PVC glazing beads, stainless steel hardware, EPDM weather seals, fixing anchors, flashings, sealants, trims, and all accessories necessary to provide a complete weatherproof installation.						
5.2.2	Fixed Aluminium Window (18" × 36")	NOs	3		0.00	
Section 5.2 Total — Window System					0.00	
SECTION 6 — FLOOR FINISHES						
Supply, fabricate, deliver, install, test, and commission the complete floor finishing system for the Containerized Clinic, comprising marine-grade plywood subfloor and homogeneous Self Levelling Epoxy complete with approved adhesives, hot-welded joints, skirting, coving where specified, transition strips, edge trims, accessories, testing, cleaning, protection of completed works, and all incidental materials required to provide a rigid, level, durable, hygienic, moisture-resistant, slip-resistant, seamless, and easy-to-clean healthcare floor finish in accordance with the approved shop drawings, manufacturer's recommendations, and the Engineer/Consultant's instructions.						
Unless otherwise specified, the subfloor shall comprise minimum 12 mm (½") marine-grade BWP (Boiling Water Proof) fumigated plywood securely fixed using corrosion-resistant screws, mechanical fasteners, and moisture-resistant adhesive with staggered joints and sealed edges. Finish flooring shall comprise minimum 2.0 mm thick homogeneous commercial-grade PVC sheet flooring (Tarkett or approved equivalent) installed using the manufacturer's approved low-VOC adhesive with hot-welded joints. The completed flooring system shall include matching PVC skirting, coving where indicated, transition strips, edge trims, and all accessories required for a complete installation. The Contractor shall provide a minimum two (2) years workmanship warranty together with a minimum ten (10) years manufacturer's warranty against manufacturing defects for the PVC flooring.						
6.1	Marine-Grade BWP Plywood Subfloor (18 mm)	SFT	850		0.00	
6.2	Self Levelling Metallic Epoxy 4mm	SFT	2,000		0.00	
Section 6 Total — FLOOR FINISHES					0.00	
SECTION 7—INTERNAL PLUMBING & SANITARY WORKS						
Supply, fabricate, deliver, install, test, and commission the complete internal plumbing and sanitary system for the Containerized Clinic, including plumbing fixtures, sanitary accessories, hot and cold water distribution, sanitary drainage, condensate drainage, valves, piping, fittings, supports, insulation, testing, commissioning, labour, transportation, tools, equipment, protection of completed works, and all accessories required to complete the installation in accordance with the approved shop drawings, manufacturer's recommendations, and the Engineer/Consultant's instructions.						
All plumbing materials shall be new and of approved quality suitable for healthcare facilities and mobile applications. PPRC pipes and fittings shall be Master, Dadex, AGM, or approved equivalent. uPVC/SWR pipes and fittings shall be Master, Popular, Dadex, or approved equivalent. Sanitary fixtures and accessories shall be Porta or approved equivalent. The complete plumbing installation shall be leak-proof, corrosion-resistant, vibration-resistant, securely supported, and suitable for continuous transportation over highways, rough roads, uneven terrain, and normal operating conditions. Rates shall include complete installation, testing, commissioning, cleaning, balancing, adjustment, and all accessories required to complete the plumbing works in all respects.						
SECTION 7.1 — SANITARY FIXTURES & ACCESSORIES						
Supply and installation of complete hand wash basin assembly, comprising vitreous china hand wash basin, chrome-plated tap/fitting, flexible connection hoses, bottle trap, waste coupling, angle valve, fixing accessories, sealants, water supply and waste connections, testing and commissioning, complete in all respects. Hand wash basin shall be Porta Model HDLP203AH or approved equivalent.						
7.1.1	Wall-Mounted Wash Basin	NOs	4		0.00	

Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
7.1.3	Plumbing Fixture Fittings Set	JOB	1		0.00	
Section 7.1 Total — SANITARY FIXTURES & ACCESSORIES					0.00	
SECTION 8 — ELECTRIFICATION						
Supply, fabricate, deliver, install, test, and commission a complete concealed electrical system for one (1) Containerized Clinic, comprising electrical infrastructure, Main Distribution Board (MDB), concealed conduit and wiring system, power distribution, lighting circuits, dedicated equipment circuits, earthing and bonding, electrical fixtures, switches, socket outlets, ventilation accessories, ELV infrastructure, testing, commissioning, and all accessories required to provide a safe, reliable, and fully operational installation in accordance with the approved drawings, IEC/PEC Standards, manufacturer's recommendations, and the Engineer/Consultant's instructions.						
The system shall comprise heavy-duty uPVC conduits, PVC insulated copper conductor cables (Pakistan Cables or approved equivalent), modular wiring accessories, distribution boards, MCBs, RCCBs, copper busbars, cable glands, ferrules, cable lugs, earthing system, concealed wiring, cable management, testing, commissioning, and all incidental works. Unless otherwise specified, lighting circuits shall be wired with minimum 1.5 sq.mm copper conductors, socket circuits with minimum 2.5 sq.mm conductors, dedicated equipment circuits with minimum 4.0 sq.mm conductors, and the incoming Generator/Mains cable shall be 4 Core × 25 sq.mm copper conductor. Electrical fixtures supplied under Section 10.4 shall be installed under Section 10.5. ELV works include conduit and cable pathways only; supply of active ICT/CCTV equipment is excluded unless specified elsewhere.						
SECTION 8.1 — ELECTRICAL INFRASTRUCTURE & DISTRIBUTION						
Supply, install, test, and commission the complete concealed electrical wiring infrastructure including heavy-duty uPVC conduits, junction boxes, inspection boxes, concealed copper wiring, modular switches, socket outlets, supports, fixing accessories, cable identification, and all materials required for a complete concealed electrical installation.						
8.1.1	Complete Concealed Electrical Wiring System	JOB	1		0.00	
Section 8.1 Total — ELECTRICAL INFRASTRUCTURE & DISTRIBUTION					0.00	
SECTION 8.2 — MAIN POWER DISTRIBUTION						
Supply, fabricate, install, test, and commission the complete main electrical distribution system including Main Distribution Board (MDB), incoming generator cable, protective devices, copper busbars, terminations, cable dressing, identification, and all accessories required for complete power distribution.						
8.2.1	Main Distribution Board (MDB)	JOB	1		0.00	
8.2.2	4 Core × 25 sq.mm Copper Cable (Generator to MDB)	RFT	100		0.00	
Section 8.2 Total — MAIN POWER DISTRIBUTION					0.00	
SECTION 8.3 — DEDICATED POWER CIRCUITS						
Supply, install, test, and commission dedicated power circuits for fixed electrical, mechanical, medical, and laboratory equipment. Split Air Conditioners and Water Pump shall be wired using minimum 4 Core × 4.0 sq.mm PVC insulated PVC sheathed copper conductor cables with dedicated MCBs. Medical & Laboratory Equipment, Refrigerator, Water Dispenser, and Fresh Air Supply Fan shall be wired using minimum 3 Core × 2.5 sq.mm PVC insulated PVC sheathed copper conductor cables with dedicated MCBs. All works shall be complete in accordance with the approved drawings and the requirements specified under Section 10.						
8.3.1	Dedicated Power Circuit – 1.0 TR Split Air Conditioner	POINTS	6		0.00	
8.3.3	Dedicated Power Circuit – Medical & Laboratory Equipment	POINTS	5		0.00	
8.3.7	Dedicated Power Circuit – Fresh Air Supply Fan	POINTS	1		0.00	
Section 8.3 Total — DEDICATED POWER CIRCUITS					0.00	
SECTION 8.4 — SUPPLY OF ELECTRICAL FIXTURES & ACCESSORIES						
Supply of all electrical fixtures and wiring accessories complete with manufacturer's standard accessories. Installation, wiring, testing, and commissioning shall be measured under Section 10.5.						
8.4.1	Supply of 1 ft × 1 ft LED Panel Light, minimum 36 Watt, complete with LED driver.	NOs	6		0.00	
8.4.2	Supply of 5-inch LED Slim Round Downlight, minimum 17 Watt.	NOs	25		0.00	
8.4.3	Supply of LED Emergency Light with minimum 3-hour battery backup.	NOs	5		0.00	
8.4.4	Supply of Weatherproof LED External Wall Light.	NOs	6		0.00	
8.4.5	Supply of Electric Insect Killer Unit.	NOs	4		0.00	

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8.4.7	Supply of Concealed Ceiling Fan complete with regulator.	NOs	6		0.00	
8.4.8	Supply of 13 Amp Universal Modular Socket Outlet complete with 16 SWG GI back box.	NOs	22		0.00	
8.4.9	Supply of 32 Amp Weatherproof Industrial Socket Outlet complete with matching plug.	NOs	1		0.00	
8.4.10	Supply of Two Gang Modular Switch.	NOs	2		0.00	
8.4.11	Supply of Four Gang Modular Switch.	NOs	10		0.00	
Section 8.4 Total — SUPPLY OF ELECTRICAL FIXTURES & ACCESSORIES					0.00	
SECTION 8.5 —INSTALLATION OF ELECTRICAL FIXTURES & ACCESSORIES						
Install, connect, test, adjust, and commission all electrical fixtures and accessories supplied under Section 10.4, including wiring connections, alignment, fixing, terminations, functional testing, and all accessories required for complete operation.						
8.5.1	Installation of Electrical Fixtures & Accessories	JOB	1		0.00	
Section 8.5 Total — INSTALLATION OF ELECTRICAL FIXTURES & ACCESSORIES					0.00	
SECTION 8.6 —TESTING & COMMISSIONING						
Carry out complete inspection, testing, verification, and commissioning of the entire electrical installation including insulation resistance, continuity, polarity, earthing, protective devices, MDB, lighting, power circuits, switches, socket outlets, and all connected equipment, complete with submission of test reports and demonstration to the Engineer/Consultant.						
8.6.1	Electrical Testing & Commissioning	JOB	1		0.00	
Section 8.6 Total — TESTING & COMMISSIONING					0.00	
SECTION 9 —INFORMATION TECHNOLOGY (IT) & NETWORKING						
Supply, deliver, install, test, and commission a complete structured IT and networking infrastructure for the Containerized Clinic, including concealed network pathways, structured cabling, data outlets, network rack, patch panels, power distribution unit, cable management accessories, patch cords, and all associated components required for a fully operational IT system.						
The complete installation shall comprise Category 6 structured cabling infrastructure with network connectivity from the rack to all data outlets and wireless access point locations, installed in accordance with approved drawings and applicable structured cabling standards.						
Approved Network Component Manufacturers: Schneider or approved equivalent available in Pakistan.						
SECTION 9.1 —NETWORK INFRASTRUCTURE						
Supply and installation of concealed network containment infrastructure for structured cabling system, including heavy gauge uPVC conduits, junction boxes, inspection boxes, pull boxes, flexible conduits, cable ducts/trunking, draw wires, cable supports, brackets, saddles, and fixing accessories suitable for installation within the containerized healthcare unit.						
9.1.1	Concealed network containment infrastructure	JOB	1		0.00	
Section 9.1 Total — NETWORK INFRASTRUCTURE					0.00	
SECTION 9.2 —STRUCTURED NETWORK CABLING						
Supply and installation of Category 6 (Cat-6) UTP structured cabling system from Network Rack to designated data outlet points and Wireless Access Point locations, including cable routing and termination requirements.						
9.2.1	Cat-6 UTP cabling to data outlets	JOB	12		0.00	
9.2.2	Cat-6 UTP cabling to Wi-Fi access points	JOB	10		0.00	
Section 9.2 Total — STRUCTURED NETWORK CABLING					0.00	
SECTION 9.3 —DATA OUTLETS						
Supply and installation of Cat-6 data outlets complete with Cat-6 keystone jack, modular faceplate, 16 SWG GI back box, and associated accessories.						
Approved Make: Schneider, Clipsal, Legrand, or approved equivalent.						
9.3.1	Single Cat-6 Data Outlet	NOs	10		0.00	
9.3.2	Double Cat-6 Data Outlet	NOs	12		0.00	

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Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
Supply, deliver, install and commission complete medical and office furniture for the Containerized Clinic, including office seating, clinical seating, examination and treatment furniture, waiting area furniture, and all associated accessories. The works shall include delivery, positioning, assembly, adjustment, testing, manufacturer's standard accessories, labour, transportation, and all incidental works required to complete the installation in accordance with the approved drawings and the Engineer/Consultant's instructions. All furniture shall be new, heavy-duty commercial or healthcare grade, ergonomically designed, corrosion-resistant where applicable, and suitable for continuous use in a mobile healthcare environment. Furniture shall be capable of withstanding vibration, transportation, braking forces, and operational movement without damage, instability, or structural failure.						
SECTION 15.1 — OFFICE & CLINICAL SEATING						
Office chairs shall comprise heavy-duty five-star bases, twin-wheel castors, pneumatic height adjustment, adjustable back support, armrests, and breathable mesh or upholstered seating. Clinical stools shall comprise seamless medical-grade polyurethane (PU) seats, heavy-duty chrome-plated gas-lift columns with approximately 18"–24" height adjustment, five-star chrome bases, and medical-grade twin-wheel castors. Phlebotomy/Vitals Chairs shall comprise heavy-duty powder-coated steel frames, seamless medical-grade upholstery, adjustable armrests, and non-slip feet or lockable castors, suitable for blood collection, vitals assessment, and patient examination. Approved brands shall include Master Offisys, Interwood, Boss, or approved equivalent for office furniture, and approved medical-grade manufacturers for clinical furniture.						
15.1.1	Revolving Office Chair (Master Offisys Mesh LBC B3008-BB or approved equivalent)	Nos	5		0.00	
15.1.2	Height-Adjustable Patient Examination Stool	Nos	8		0.00	
15.1.3	Vitals Chair	Nos	2		0.00	
Section 15.1 Total — OFFICE & CLINICAL SEATING					0.00	
SECTION 15.2 — EXAMINATION & TREATMENT FURNITURE						
Medical examination and treatment furniture shall be manufactured from healthcare-grade materials suitable for continuous clinical use. Stainless steel furniture shall be fabricated from minimum Grade 304 Stainless Steel with satin finish and welded construction. Electrically operated furniture shall be supplied complete with maintenance-free electric actuators, hand-held remote controller, heavy-duty powder-coated steel frame, medical-grade seamless antibacterial and easy-to-clean upholstery, high-density foam cushions, lockable castors or levelling feet, and manufacturer's standard accessories. The Electrically Adjustable Medical Recliner / Phlebotomy & Treatment Chair shall be designed for patient examination, blood collection, infusion therapy, treatment procedures, and recovery. The chair shall incorporate electrically adjustable backrest and leg-rest positions, adjustable armrests suitable for phlebotomy procedures, retractable footrest, hand-held remote controller, heavy-duty steel frame, medical-grade seamless upholstery, lockable castors, safety locking mechanism, minimum safe working load of 180 kg, and all manufacturer's standard accessories. The Electric Height-Adjustable Mobilization Bed / Remote-Controlled Two-Section Examination Couch shall be designed for medical examination, patient assessment, minor procedures, and clinical treatment. The couch shall comprise a two-section platform with electrically adjustable height operated by a hand-held remote controller, adjustable backrest, heavy-duty powder-coated steel frame, maintenance-free electric linear actuator system, medical-grade seamless antibacterial upholstery, high-density foam mattress, lockable castors, paper roll holder, minimum safe working load of 200 kg, and all manufacturer's standard accessories.						
15.2.1	Stainless Steel IV Pole	Nos	2		0.00	
15.2.2	Wall-Mounted Stainless Steel IV Pole	Nos	2		0.00	
15.2.3	Electrically Adjustable Medical Recliner	Nos	2		0.00	

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Item No	Description	Unit	Qty	Rate (PKR)	Amount (PKR)	Remarks
Supply, deliver, test, and commission patient assessment and vital signs monitoring equipment complete with manufacturer's standard accessories, probes, cuffs, batteries or power adaptors (where applicable), carrying cases, and operating manuals.						
17.1.1	Automatic Digital Vital Signs Monitor (Dinamap) - Brand:Edan IM-3	Nos	2		0.00	
17.1.2	Aneroid Blood Pressure Apparatus Brand: ABN	Nos	1		0.00	
17.1.3	Adult Stethoscope IHHN Approved	Nos	1		0.00	
17.1.4	Clinical Digital Thermometer (Infrared or Contact Type as Specified) IHHN Approved	Nos	1		0.00	
17.1.5	Diagnostic Examination Torch / Penlight (LED) IHHN Approved	Nos	1		0.00	
17.1.6	Pulse Oximeter (Finger Tip) IHHN Approved	Nos	1		0.00	
17.1.7	Non-Digital Height & Weight Scale IHHN Approved	Nos	1		0.00	
Section 17.1 Total — VITAL SIGNS & PATIENT ASSESSMENT EQUIPMENT					0.00	
GRAND TOTAL — ALL SECTIONS (PKR)					#REF!	