

Project Construction of HT Panel room-2nos, LT panel rooms 8 nos at Govt Medical College Patiala						
Bill of Quantities (BOQ)						
CIVIL WORKS						
Item No	Description Of Item	Unit	Quantity	Rate in Rs.(In Figures)	Rate in Rs (In Words)	Amount in Rs (In figures)
1	2	3	4	5	6	7
1.00	Electrical services Building					
	Construction and completion of RCC frame structure single storey Electrical HT Panel rooms of 2 nos having sizes 16mx4.5mx5.0m and 12mx4.5mx5.0m (total area 126 sqm) and LT Panel rooms 8 nos having sizes 5.0mx6.0mx5.0m (total area 240 sqm). Total area of HTand LT ROOMS IS AROUND 366 SQM . Height of the building is 5.0m as per specifications, makes etc complete in all respect including 3 nos toilets as per direction of Engineer Incharge.					
	The above civil ,electrical, PHE works consist of the following items - i) totally RCC frame Structure building (All structural drgs to be approved by engineer on submission by contractor) ii) Antitermite Treatment iii) Soling & 100mm th. PCC (1:2:4) for base flooring iv) Brick work v) RCC Work (C.Concreting, M-25 Grade of Conc. & Reinforcement Steel, TMT 500) vi) C.Plastering both Internal & External vii) Painting both Internal (Oil bound distemper) & External painting (Sand finish with Apex/Weather shield paint,(Asian/ICI/Berger make) as per approved shade. ix) Kota stone Flooring in all panel rooms including ordinary polishing & Anti skid tile flooring for 3 nos Toilets, Tiles in dado in Toilets(upto false ceiling height) (Naveen/Somany/Kajaria make).					

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	x) cable trenches Entrance doors shall be suitable size rolling shuteer approved by engineer , xii) SS Patch fittings 304GR Handles (Everite, Earl Bihari or equivqlent) xiv) In front of rolling shutter ramps shall be provided and Rough Kota on Ramp & External porch area on both sides. xv) Plinth protection around the building 35mm thick flush doors with teak lipping around including fittings & fixtures in all internal including Door closer, Lock (Acme, Godrej or equivqlent) of approved make (Door Kitply, Century, Green Ply or equivqlent) including fittings & fixtures and floor springs of approved make(Dorma or equivalent) complete. Shop drawings to be submitted for approval. Aluminium make: Jindal/Hindalco/Indal)					
	xviii) Terrace water proofing with Brick bat coba.					
	xix) Plumbing Works: a) GI Pipes (Concealed/Exposed) should be of Jindal Hissar, Tata, Prakash Surya b) CI pipes should be of Keso-spun, Supra, Electrosteel or equivqlent (BIS make) c) C.P fittings, Mixer/Pillar taps, CP Brass accessories should be of standard design and should be of ISI make for all toilets. d) Urinal- Hindware 60011 or equivqlent Smart Urinal St. White color. e) WC Hindware 92016 Wall Hung White or eq., water closet with Soft Close. f) Wash basin Hindware or eq. Garnet 10080 White Colour g) Construction of Gully Trap & manhole as per standard design. h) PVC tank 500lts capacity 4 nos (Sintex or Eq.) i) Including internal electrification, fittings, fixtures, switches, wire, cables as per requirements and					
	Note: Before the execution of item/ items ,prior approval should be taken. The work should be executed as per CPWD specifications.					
	Approval from Local Authorities also includes					
	in the scope . Liasioning with Local authorities for getting all necessary approvals required for Electrical building services (HT and LT panel rooms) i/c Making Submission & As Built Drawings, Occupation certificate and Completion Certificate etc. complete in all respect as per direction and approval of Engineer Incharge.	SQM	366			

SUMMERY OF COST (IN RS)

COST IN RUPEES

A COST OF ELECTRICAL WORKS

B COST OF CIVIL WORKS

TOTAL COST OF WORKS (A + B)