


 Architects United	 Terna Public Charitable Trust <small>Knowledge to Empower</small>
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Client : Terna Public Charitable Trust	
Name of Document : BOQ PROPOSED LIBRARY AND ADMINISTRATIVE SECTION AT GROUND FLOOR OF TERNA MEDICAL COLLEGE	
Document No. : TEC/BOQ/CVL/17-18/003	Date : 2nd Dec, 2017.
Generated By : Eng. Mahesh Sanake	

PROJECT : PROPOSED LIBRARY AND ADMINISTRATIVE SECTION AT GROUND FLOOR OF TERNA MEDICAL COLLEGE

Sr.No	Item Description	Unit	Qty	Rate	Amount
A	DISMANTLING & REPAIRING WORK				
A.1	Dismantling brick masonry and stacking the materials as directed with all leads lifts, complete. Spec.: As directed by Engineer-in-charge.	Sqft	1870.95		-
A.2	Dismantling of Plywood & Glass Partitions and stacking the materials as directed with all leads lifts, complete.	Sqft	827.78		-
A.3	Repairing existing Aluminium Sliding windows for smooth operations, including replacing if any damaged material required like - bearings, damaged section, locks, wool etc	Sqft	1149.49		-
A.4	Dismantling kota flooring & Skirting and stacking the materials as directed with all leads lifts, complete.	Sqft	6146.90		-
A.5	Dismantling Ceramic Tiles flooring & dado and stacking the materials as directed with all leads lifts, complete.	Sqft	188.11		-
A.6	Dismantling Door frame with door shutter and stacking the materials as directed with all leads lifts, complete.	No	1.00		-
A.7	Dismantling Concealed pipeline, CP & Sanitaryware of 1 toilet block and stacking the materials as directed with all leads lifts, complete.	LS	1.00		-
B	PARTITION AND CLADDING WORK				
B.1	Toughened Glass Partition: Providing, cutting and fixing 12mm thick toughened glass partition with twin pro fittings (Make-Ozon). Partition framework to be secured to floor, structural ceiling & nearest structural member using 75mm galvanized metal screws & wooden dowels. Rate to include joints between glass to be filled with clear sealant ,cleaning of glass, door frame and glass should be covered with polythene sheet after installaion to avoid damages / scratches. Mode of measurement to be glass partition up to false ceiling. All complete as per instruction of designers. Make - Modi Guard /saint gobain Make or approved equivalent	Sqft	2376.41		-
B.2	Partition made of 2"x2" sal wood framing with 8mm ply & laminate on either side 1mm thick upto 750mm. The partition to have toughened glass 12 mm thick upto ceiling bottom. The sal wood framing to continue upto slab bottom for support. The 12mm thick glass to be fixed in 750mm high partition & 2"x2" sal wood partition above suspended ceiling.Mode of measurement to be glass partition up to false ceiling. (Qty as per Item no B.1)	Sqft	RATE ONLY		-
B.3	Providing & Fixing of partition with wooden framing of 50mm x 50mm thk member (600mm x 600mm frame) and having 12mm ply on both sides and finish with 1mm laminate on both side with all necessary reinforcements required of wood/aluminum, at spacing not exceeding 600mm. Partition framework to be secured to floor, structural ceiling & nearest structural member using 75mm galvanized metal screws & wooden dowels. Mode of measurement to be partition up to false ceiling height.	Sqft	1774.15		-
B.4	Providing & fixing of Column Cladding . Paneling comprising of 50x25mm aluminum stud (1.2mm thk) @ 450mm distance c/c for height and Aluminium section should be fixed at all corners.one base layer of 12.5mm thk flexi ply followed by 1mm thick laminate as per shade approved by client. The cladding to have necessary support for mounting tv or heavy material and enough space to carry LAN and Electrical Raceways.	Sqft	823.62		-
C	CEILING WORK				
C.1	Providing & Fixing of Armstrong Suspended Ceiling System with tile size of 600 x 600 x 16mm, suitable for Green Building application, with Recycled content of 36 - 39%. The tile shall be laid on Armstrong Sealout 38mm grid system and a load carrying capacity of minimum 15.68 Kgs/M2. INSTALLATION: To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using Armstrong suspension system (specifications below) at 1200mm maximum centre. The First/Last Armstrong suspension system at the end of each main runner should not be greater than 450mm from the adjacent wall. Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600 x 600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200 mm cross tees. Suspended through G.I. wire.Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, screwed to walls at 450 mm maximum centres. (Basic Tile Rate:-90 Rs. per Sqft)	Sqft	8157.83		-
C.2	Gypsum Board False Ceiling :- Providing & fixing suspended false ceiling consisting of 12.5 mm thick Gypsum plaster board suspended on GI framework. The ceiling shall be erected as per method specified by the manufacturer using hardware & suspension/support members of local make. The rate shall include making cut-outs for lighting fixtures etc. wherever required. All the joints etc. shall be properly filled using proprietary plaster, mesh tape etc. & the surface shall be finished with emery paper etc. in perfect line & level & ready for receiving the paint finish complete with all necessary hardware etc. as per instruction of the Architect.	Sqft	1561.55		-
C.3	Providing & Fixing Gypsum Board Vertical for 2"-4"Coving	Rft	1090.89		-
C.4	Providing & Fixing Gypsum Board 12.5mm thick for closing fixed windows	Sqft	121.51		-
D	CIVIL WORKS				
D.1	Providing & Laying Burnt Brick masonry 150mm thick with conventional/I.S. type bricks in cement mortar 1:6 for inner walls including bailing out water, striking joints on unexposed faces, racking out joints on exposed faces and curing, Complete.	Sqft	591.79		-
D.2	Providing internal cement plaster 12 mm thick in a single coats in cement mortar 1:4 without neeru finish to concrete or brick surfaces, in all positions including scaffolding and curing complete.	Sqft	1155.11		-
D.3	Providing and casting in situ cement concrete in M 15 of trap/granite/ quartzite/ gneiss metal for R.C.C. beams and lintels as per detailed designs and drawings or as directed including centering, formwork, cover blocks, compaction and roughening the surface if special finish is to be provided and curing complete. (Excluding reinforcement).	Cum	2.55		-
D.4	Providing and fixing in position Reinforcement Work as per instruction from Engineer Incharge	Kg	213.58		-
D.5	TILING WORK				
D.5.1	Providing and fixing Vitrified Tile 2'X2' for flooring laid on bed of cement mortar 1:4 mix with river sand only including neat cement float, filling joints with white cement mixed with pigments to match colour of tiles, curing & cleaning etc complete. (Basic Rate of Tile - Rs. 80 per Sqft) (Make - Kajaria/Nitco/Johnson/RAK)	Sqft	6732.38		-
D.5.2	Providing and fixing Vinyl Flooring as per selection from client. (Basic Rate - Rs.45 per Sqft) (Make- LG / Armstrong / Tarkett / Gerflor)	Sqft	3553.62		-

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D.5.3	Providing and fixing Ceramic Tile 2'X2' for flooring laid on bed of cement mortar 1:4 mix with river sand only including neat cement float, filling joints with white cement mixed with pigments to match colour of tiles, curing & cleaning etc complete. (Basic Rate - Rs. 80 per Sqft) (Make - Kajaria/Nitco/Johnson/RAK)	Sqft	29.70	-
D.5.3	Providing and fixing Ceramic Tile 2'X2' for Dado filling joints with white cement mixed with pigments to match colour of tiles, curing & cleaning etc complete. (Basic Rate - Rs.85 per Sqft) (Make - Kajaria/Nitco/Johnson/RAK)	Sqft	200.26	-
D.5.4	GRANITE WORK			
D.5.4.1	Providing and fixing 4" Granite Jamb for Window including champer, edge polish etc complete (Basic Granite Rate - Rs 190/- per Sqft)	Rft	492.49	-
D.5.4.2	Granite Door Frame			-
	2.0 X 2.1	Nos	1.00	-
	1.2 X 2.1	Nos	3.00	-
	1.0 X 2.1	Nos	4.00	-
	0.75 X 2.1	Nos	1.00	-
D.5.4.3	Providing & Fixing granite as per section from client for wash basin counter including facia patti edge polish, supporting kadappa etc complete (Basic Granite Rate - Rs 190/- per Sqft) Mode of measurement - Plan Area only	Sqft	3.03	-
D.5.5	DOORS			
D.5.5.1	Glass Door-Supply & Installation of glass door with frame of section 100mm x 38mm of min.(blackmat finish) jindal or equivalent and 12mm thick clear toughened glass of Saint Gobain. Hardware Like Mortise lock, D- Handle(600 mm), floor spring suitable for smooth operation (Make-Ozon) etc. complete as per the instructions given by architect.			
D.5.5.1.1	Glass Door (1.2 x 2.1 m) D5 - Double Leaf	Sqft	28.47	-
D.5.5.1.2	Glass Door (0.9 x 2.1 m) D4 - 11 Nos	Sqft	234.89	-
D.5.5.2	Providing & fixing flush door shutter 32mm thick with both side laminated of 1mm thick including all fixtures & accessories Hinges,Cylindrical lock,concealed tower bolt etc complete. Fixtures as approved by client.			
D.5.5.2.1	Door (2.0 X 2.1 m) D - Double Leaf	Nos	1	-
D.5.5.2.2	Door (1.2 X 2.1 m) D1	Nos	2	-
D.5.5.2.3	Door (1.2 X 2.1 m) D1' - Double Leaf	Nos	1	-
D.5.5.2.4	Door (1.0 X 2.1 m) D2	Nos	5	-
D.5.5.2.5	Door (0.75 X 2.1 m) D3	Nos	1	-
D.6	PAINTING WORK			
D.6.1	Providing & applying Lustre Paint to walls of approved make and shade , cleaning the surface with polish paper, applying first coat of primer and two coats of finished paint, final coat applied with sponge roller, with clean well finished without brush mark surface etc. complete as per the instructions given by engineer incharge.	Sqft	12880.65	-
D.6.2	Providing and applying Plastic finish paint of approved colour and shade to the existing plastered surface including removing old paint with polish paper, scaffolding, preparing the surface, applying primer and the acrylic putti followed by two coats of finished paint etc. complete.For Ceiling	Sqft	7905.83	-
D.6.3	Providing and finishing Gypsum Punning 12mm thick over plastered wall surface to be finished in line and plumb with smooth surface ready to receive paint base.	Sqft	10304.52	-
D.7	Supplying & Fixing Roller Blinder with Logo of Terna Trust as per selection from client. (Basic rate - Rs. /-)	Sqft	698.03	-
D.7	PLUMBING WORK			
D.7.1	Providing & Errection of new CPVC Pipe for concealed plumbing line work including necessary fixtures (tee, bend, plugs etc) and solutions with pressure testing. (Make - Astral / Finolex)			
D.7.1.1	1"	Rft	17.22	-
D.7.1.2	1/2"	Rft	27.55	-
D.7.1.3	3/4"	Rft	10.33	-
D.7.4	Supply & fixing Nahani Trap	Nos	1.00	-
D.7.5	Supplying & Fixing EWC with concealed flushValve including all necessary fittings and fixtures complete (Make- Hindware, Catlounge No - CORNICE 92054(P22) STARWHITE)	Nos	1.00	-
D.7.6	Supply & fixing Angle cock (Make - HINDWARE) including all necessary fittings and fixtures.	Nos	1.00	-
D.7.7	Supply and fixing Washbasin over counter Round shape including all necessary fittings and fixtures. (Make - HINDWARE, Model No-DOME 91085, STARWHITE)	Nos	1.00	-
D.7.8	Supply & fixing Bib Cock 2 In1 -HINDWARE F230003 including all necessary fittings and fixtures.	Nos	1.00	-
D.7.9	Supply & fixing Wash Basin cock (Make - Hindware, Model No- F250002)	Nos	1.00	-
D.7.10	Supply & fixing Mirror with all required necessary fittings and fixtures.	Sqft	6.10	-
TOTAL AMOUNT				-