

MODIFICATION OF NEURO OFFICE FOR RADIOLOGY IN BASEMENT AND GROUND FLOOR AT CMC, TOWN CAMPUS.						
SCHEDULE-A-CIVIL WORK						
Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
1	8.00	M ³	Demolishing brick walls in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.		1M ³	
2	24.00	Nos	Labour charges for removing the existing wooden, Steel doors, windows, work tables, ventilators, pelmets, cupboards & Hanging cupboards (frame with shutters) complete set without any damage including all available fittings as directed.		1No	
3	6.00	Nos	Labour charges for refixing the existing wooden, Steel doors, windows, ventilators, pelmets, cupboards & Hanging cupboards (frame with shutters) complete set without any damage including all available fittings as directed. (Necessary fittings will be supplied by deparmnt free of cost.)		1No	
4	18.00	M ²	Labour charges for removing the existing aluminium partitions, doors complete set without any damage including all available fittings as directed.		1M ²	
5	10.00	M ²	Labour charges for refixing the existing aluminium partitions, doors complete set without any damage including all available fittings as directed. (Necessary fittings will be supplied by deparmnt free of cost.)		1M ²	
6	15.00	M	Labour charges for removing the existing GI/PVC/C.I. pipes upto 75mm dia with all available specials without any damage as directed.		1RM	
7	15.00	M	Labour charges for removing the existing GI/PVC/C.I. pipes above 75mm dia upto 150mm dia with all available specials without any damage as directed.		1RM	
8	2.00	Nos	Labour charges for removing the following dia existing wheel valve/Gate valve/ open stop cock etc. with all available specials without any damage as directed.		1No	
9	20.00	M ²	Labour charges for dismantling of existing precast concrete slabs up to a thickness of 75mm including clearing the debris away from site as directed.		1M ²	
10	2.00	Nos	Labour charges for removing the existing wash hand basin/sink/procelain sink with all available fittings complete set without any damage as directed.		1No	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
11	5.00	M	Labour charges for removing the existing curtain rods without any damage incl. available fittings as directed.		1RM	
12	6.00	Nos	Labour charges for removing the existing towel rod, Singn boards ,mirror , any other usable accessories without any damage as directed.		1No	
13	2.00	Nos	Labour charges for removing the existing brass/CP tap without any damage as directed.		1No	
14	10.00	M ²	Labour charges for chipping and removing the existing cement plastering from wall surface and wherever necessary and clearing the debris away from site as directed.		1M ²	
15	7.00	M ²	Labour charges for chipping and removing the ceramic/ glazed tiles , CM from existing walls, floor and including base plastering and clearing the debris away from site as directed.		1M ²	
16	1.00	NO	Labour charges for removing the existing IWC/EWC with flush tank complete set including all available fittings and specials as directed.		1NO	
17	1.00	M ³	Plain Cement concrete 1:4:8 using 40mm size HBG machine broken jelly, M- sand including mixing in mixer machine, laying, consolidation and curing etc. complete. Flooring and foundation wherever necessary.		1M ³	
18	1.00	M ³	Casting and fixing in position of RCC 1:2:4 for precast slabs using 3 to 8mm size HBG machine broken chips, M-sand including cost of all materials, necessary mould and platform, smooth finishing with CM 1:3 for all exposed surfaces and curing etc. complete but excluding cost of steel and fabrication.		1M ³	
19	250.00	Kgs	Supplying fabricating , placing and tying in position of steel reinforcement including cost of 18 gauge MS binding wire etc. complete for all RCC works		1Kg	
20			Brick wall in Cement-mortar 1:6 , 230mm and above thick using country bricks of size 230x100x70mm (killn burnt) including cost all materials and curing etc., complete.			
a	1.00	M ³	foundation and basement		1M ³	
b	1.00	M ³	super structure up to floor v level		1M ³	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
21	30.00	M ²	Brick work in CM 1:4 for partition wall using country bricks of size 230x100x70mm(killn burnt) including cost of all materials, labour for placing 2nos - 6mm dia MS rods at every 3rd course and curing etc. complete (steel will be measured separately & Supplied by Dept free of cost.).		1M ²	
22	5.00	M ²	Brick on edge work in CM 1:4 using country bricks of size 230x100x70mm (killn burnt) including cost of all materials and curing etc. complete for cupboard,working platform support walls.		1M ²	
23	80.00	M ²	Plastering with CM 1:5, 12mm thick over new surface of internal Brick walls including cost of all materials and curing etc. complete.		1M ²	
24	10.00	M ²	Plastering with CM 1:5, 20mm thick over external surface of new Brick walls including providing grooves as required, cost of all materials and curing etc. complete in all floors at all heights.		1M ²	
25	10.00	M ²	Base Plastering with CM 1:5, 20mm thick over chipped surface of existing brick walls including cost of all materials and curing etc. complete in all floors.		1M ²	
26	6.00	M ²	Water proofing toilet floor and skirting with Roff Hyguard or approved equivalent polymer modified cementitious acrylic membrane 1mm thick per coat including cost of Hyguard, brushes etc. for two coats with base and top plastering with CM 1:3, 8mm thick and 12mm thick respectively, in two successive layers as per IS specifications incl. curing etc. complete.		1M ²	
27	1.00	M ³	Cement concrete 1:4:8 using 20mm size brick jelly for toilet filling to a required height incl. cost of all materials, mixing , laying, consolidation and curing etc. complete.		1M ³	
28	11.00	M ³	Screed concrete PCC 1:3:6 using 3to8mm size HBG machine broken chips, coarse sand including cost of all materials ,mixing, laying,consolidation and curing etc., complete under floor wherever necessary to eliminate the undulations.		1M ³	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
29	145.00	M ²	Supplying and fixing of Vitrified/ceramic tiles, 1st quality 600x600mm size of approved make and colour set in cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477, in average 3mm thickness, base (Latecrete/approved equivalent) including pointing with Roffee compound tile mate/approved equivalent mixing with colour pigments, cost of all materials, cleaning and curing etc. complete for flooring & skirting. (Basic rate tile-Rs.-600.00-/1M ² Excl.GST-18%) (The existing Basement floor to be hacked before laying of floor tiles with adhesive as directed by the Engineer-in-charge. Proper care shall be taken to avoid water seepage if any during execution)		1M ²	
30	10.00	M ²	Supplying and fixing of Vitrified/ceramic tiles of size 600x600mm, 100mm high 1st quality of approved make, pattern and colour set in CM 1:3 to match the joints of the floor including cutting to size, pointing with Roffee compound tile mate/approved equivalent mixing with colour pigments including cost of all material, base with 2mm spacers in both direction including grouting the joints to matching colour, cleaning and curing etc. complete. For Skirting , (Basic Rate of Tile Rs. 600.00 / 1M ² -Excl.GST-18%)		1M ²	
31	6.00	M ²	Supplying and laying of Non-skid Vitrified/Ceramic tiles, plain tiles , 1st quality 600x600mm size of approved make and colour set in CM 1:3, base with 2mm spacers in both direction including grouting the joints with epoxy grout matching colour, giving proper slope, cleaning and curing etc. complete for toilet floor (Basic rate of tile Rs.600.00 /1M ² -Excl.GST-18%)		1M ²	
32	17.00	M ²	Supplying and fixing of Glazed Plain wall tiles 1st quality 300x450mm/300x600mm size of approved make and colour set in CM 1:3 base including pointing with white cement mixed with colour pigments, providing best quality PVC corner edge beads, cleaning and curing etc. complete for dadoing. (Basic cost of tiles :- Rs.400.00/1M ² -Excl.GST-18%)		1M ²	
33	3.00	M ²	Supplying and fixing in position of highly polished Granite slab 18 to 20mm thick of approved quality and approved sample, set in CM 1:3, including cost of all materials, pointing white cement with matching colour pigments, cleaning and curing etc. complete. (Basic rate of granite Rs. 1600.00 /1M²). For Table top, Floor strips		1M ²	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
34	1.00	Nos	Extra for providing opening of required size & shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.		1No	
35	4.00	M	Providing full nosing to exposed edges of granite in table top etc.complete		1M	
36	95.00	M ²	Charges for repolishing the existing mosaic surface which requires single grinding and polishing using acid, wax, turpentine etc. complete for grey/white/other colour.		1M ²	
37	2.52	M ²	Supplying and fixing in position of following types of Wooden Door frame with shutter including furniture fittings as per sketch and specifications. Door -DD-1200x2100mm		1M ²	
38			Supplying and fixing in position of following Wooden windows where ever necessary as per sketch and specification.			
a	2.28	M ²	Window -W1-1200x1900mm		1M ²	
b	9.66	M ²	Window -W2-1200x1150mm		1M ²	
39	2.10	M ²	Supplying and fixing in position of Fixed glazed partition where ever necessary as per sketch and specification. Fixed glazed partition -FG-1200x1670mm		1M ²	
40	1.02	M ²	Supplying and fixing in position of following Wooden Underneath Cupboard where ever necessary as per sketch and specification. Underneath Cupboard -UCB-1200x850mm		1M ²	
41			Supplying and fixing of the following PVC pipes including cutting charges, cost of cement solvent for joining and fixing with necessary specials, cost of all materials etc., complete for internal pipe lines. (ABOVE GROUND LEVEL)			
a	10.00	M	40mm dia 6Kgs/CM2(incl. specials)		1RM	
b	10.00	M	50mm dia 6Kgs/CM2(Excl. specials)		1RM	
c	10.00	M	63mm dia 4Kgs/CM2(Excl. specials)		1RM	
d	10.00	M	75mm dia 4Kgs/CM2(Excl. specials)		1RM	
e	10.00	M	110mm dia 4Kgs/CM2(Excl. specials)		1RM	
42			Supplying and fixing of the following dia SWR PVC pipes including cutting charges, cost of cement solvent for joining and fixing with necessary SWR PVC plumbing specials for external sewage line, waste water line including necessary scaffolding etc., complete but excluding cost of specials and MS brackets which will be paid separately.			
a	10.00	M	75mm dia - Type-B		1RM	
b	10.00	M	110 mm dia - Type-B		1RM	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
43			Supplying of SWR supreme make PVC specials of the following sizes and specifications etc. complete.			
a	3.00	Nos	110x75mm reducer		1No	
b	3.00	Nos	110mm dia single plain 'Y'		1No	
c	3.00	Nos	110mm dia door 'Tee'		1No	
d	3.00	Nos	110mm dia door bend		1No	
e	3.00	Nos	110mm dia 87.5 plain bend		1No	
f	3.00	Nos	110mm dia plain Tee		1No	
g	3.00	Nos	110mm dia coupler		1No	
h	3.00	Nos	110mm dia 45 bend (shoe)		1No	
i	3.00	Nos	110mm dia end cap		1No	
j	3.00	Nos	110mm dia vent cowl		1No	
k	3.00	Nos	110 x 50mm bush		1No	
l	3.00	Nos	75mm dia single 'Y'		1No	
m	3.00	Nos	75mm dia plain Tee		1No	
n	3.00	Nos	75mm dia coupler		1No	
o	3.00	Nos	75mm dia door bend		1No	
p	3.00	Nos	75mm dia 87.5 plain bend		1No	
q	3.00	Nos	75mm dia door Tee		1No	
r	3.00	Nos	75mm dia end cap		1No	
s	3.00	Nos	75mm dia 45 bend		1No	
t	3.00	Nos	75mm dia vent cowl		1No	
u	3.00	Nos	110 x 75mm Bush		1No	
v	3.00	Nos	75 x 50mm bush		1No	
44	15.00	Kgs	Supplying and fixing of required size brackets and clamps using MS Angles , MS flats, and MS threaded rods as instructed by Engineer including one coat zinc chromate primer, two coats with synthetic enamel paint making holes in wall for fixing cement concrete for packing finishing the surfaces etc., complete		1Kg	
45			Supplying of G.I special clamp with coach screw, U bolt , nut & washer of the following sizes of G.I Pipe supports and specifications etc. complete.			
a	5.00	Nos	100 mm length		1No	
b	5.00	Nos	230 mm length		1No	
46			Supplying , cutting,threading, laying and joining of G.I. pipes ' B ' class ISI make with necessary ' UNIK' make specials including cost of all required materials, clamps, teak wood plugs and screws etc., complete. (ABOVE GROUND LEVEL)			
a	10.00	M	15mm dia		1RM	
b	10.00	M	20mm dia		1RM	
c	10.00	M	25mm dia		1RM	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
d	10.00	M	32mm dia		1RM	
e	10.00	M	40mm dia		1RM	
47	1.00	Nos	Supplying and fixing in position of White EWC with "S/P " trap parryware make including plastic seat cover white colour parryware with all required fittings etc., complete.		1No	
48	1.00	Nos	Supplying and fixing in position of Slimline combiflush twin flush type plastic cistern (white) for IWC/EWC including required fittings such as 1st quality inlet nylon connection,pvc flushing pipe etc., complete.		1No	
49	1.00	Nos	Supplying and fixing in position of Parryware White glazed wash hand basin 550x400mm including all fittings such as 1" SS brackets,15mm dia CP pillar cock (plumber make)1st quality inlet nylon connection,CP waste coupling, etc., complete.		1No	
50	1.00	Nos	Supplying and fixing in position of following size and specification Stainless steel sink (Nirali / approved equivalent) including cost of all required fittings and plumbing specials such as cp wate coupling etc., complete. (Sink with border 24"X 18"X 10")		1No	
51	2.00	Nos	Supplying and fixing of Supreme make PVC nahini plain floor trap of 110mm dia. with S.S round jally including cost of cement solvent for joining,cement mortar for fixing in position etc., complete.		1No	
52	1.00	Nos	Supplying and fixing of 110mm dia Supreme make PVC multi floor trap with S.S. hinged type square of cement solvent for joining,cement mortar for fixing in position etc., complete.		1No	
53			Supplying and fixing in position of following types of bath room fittings of approved make including cost of all materials and required specials etc., complete.			
a	3.00	Nos	15mm dia CP long body bib cock		1No	
b	3.00	Nos	15mm dia CP Angle cock for WHB & flush tank.		1No	
c	1.00	Nos	15mm dia CP Two way bib cock with health faucet		1No	
d	2.00	Nos	CP Bottle trap		1No	
e	1.00	Nos	15mm dia CP Open stop cock.		1No	
f	1.00	Nos	15mm dia CP short body bib cock		1No	
54	2.00	Nos	Supplying and Fixing in position of Chromium plated towel rod 600mm long with required teak wood plugs and screws including cost of all material etc., complete.		1No	
55	2.00	Nos	Supplying and fixing in position of mirror of size 600 x 450 mm with hard board back & plastic frame alround including cost of all materials and required screws etc. complete.		1No	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
56			Supplying and fixing in position of ISI Elco brand gun metal Gate valve heavy duty including cost of all materials and required specials etc., complete.			
a	1.00	Nos	25mm dia		1No	
b	1.00	Nos	32mm dia		1No	
c	1.00	Nos	40mm dia		1No	
57	150.00	M ²	Scrapping completely and cleaning the white (or) colour washed surface (or) snowcem of old walls and ceilings using putty plate, sand paper and wire brush including scaffolding and clearing the debris away from site etc, Complete.		1M ²	
58	140.00	M ²	White cement Washing two coats over old surface of walls and ceilings incl. cost of all materials, brush, scaffolding and curing etc. Complete.		1M ²	
59	145.00	M ²	Painting one coat using synthetic enamel paint of approved make & color over the old painted surface of walls & ceilings incl. Surface preparation, cost of all materials, necessary putty, brush & scaffolding etc. Complete.		1M ²	
60	370.00	M ²	Painting one coat using Acrylic emulsion paint of appd. Make & colour over old painted surfaces of walls & ceilings incl. surface preparation with necessary putty, Brush, cost of all materials & scaffolding etc. Complete.		1M ²	
61	250.00	M ²	Painting one coat using washable oil bound distemper of approved make and colour over old surface of walls & ceilings incl. surface preparation with necessary putty, cost of all materials, brush and scaffolding etc. Complete.		1M ²	
62	10.00	M ²	Painting two coats with synthetic enamel paint of approved make colour over old / new walls with one coat of oil based primer after preparation of the surface smooth and even with Birla wall care putty / approved Equivalent including cost of all materials, coat of white cement base, brush and scaffolding etc. Complete.		1M ²	
63	285.00	M ²	Painting two coats with Arcylic emulsion paint of approved make and colour over old / new walls and ceiling with one coat of water based primer after preparation of the surface smooth and even with Birla wall care putty / approved equivalent including cost of all materials, proper roller finish, brush and scaffolding etc. Complete.		1M ²	
64	70.00	M ²	Painting one coat using exterior Acrylic emulsion paint of appd. Make and colour over old walls and ceilings incl. cleaning the surfaces, cost of all materials, brush and scaffolding etc, Complete.		1M ²	

Sl.no	Quantity		Description of the Work	Rate	Unit	Amount
65	40.00	M ²	Painting two coats with synthetic enamel paint of approved make and colour over new wood works with one coat of wood primer incl, painting the furniture fittings where required, surface preparation with application of putty, cost of all materials brush and scaffolding etc Complete.		1M ²	
66	135.00	M ²	Painting one coat using synthetic enamel paint of approved make & color over the old woodwork including painting the furniture fittings where required surface preparation with application of putty, cost of all materials, brush & scaffolding etc. Complete.		1M ²	
67	5.00	M ²	Painting one coat using synthetic enamel of approved make & colour over the old ironwork incl. surface preparation, necessary putty, cost of all materials, brush and scaffolding etc complete.		1M ²	
68			Painting new G.I. pipes with three coats consisting of one coat of zinc chromate primer and two coats of 1st quality synthetic enamel paint of approved make and colour incl. cleaning the pipes, cost of all materials and brush etc. complete.			
a	10.00	M	15mm dia		1RM	
b	10.00	M	20mm dia		1RM	
c	10.00	M	25mm dia		1RM	
d	10.00	M	32mm dia		1RM	
e	10.00	M	40mm dia		1RM	
69	2.00	Nos	Bore Packing around the pipes in Brick walls and Concrete members applying bonding agent of SBR Latex or approved equivalent around the internal partition of surface, Quick setting component of Rendroc plug/approved equivalent packed externally and the gaps around the pipe tightly packed with GP2 Chemical. Provide the backer rods if the gap around the pipe have more than 25mm including cost of all materials, labour charges, neat finishing, curing, etc., complete. Note : Water to be stagnated around the bore packing about 48 hours and water leakage has to be cleared from Engineer in charge (Upto 110mm Dia pipe)		1No	
70	2.00	Lorry loads	Transporting the debris by lorry from CMC Town campus to outside of the campus including loading and unloading charges etc. complete.(capacity 5.5M3/load).		1 Lorry loads	
			Sub Total			
			C/o Consolidated Summary			