

NAME OF THE WORK: MODIFICATIONS IN NURSING SERVICE OFFICE, FIRST FLOOR, MAIN BUILDING (ADMIN. BLOCK) @ CMC, TOWN CAMPUS.						
TENDER SCHEDULE						
Sl.no.	Quantity		Description	Rate	Unit	Amount
1	5.00	M3	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.		1M3	
2	1.00	M3	Demolishing brick walls in Lime mortar (Above GL/Below GL) 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.		1M3	
3	0.50	M3	Demolishing stone walls in cement mortar (Above GL/Below GL) 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.		1M3	
4	0.50	M3	Demolishing stone walls in lime mortar (Above GL/Below GL) 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.		1M3	
5			Labour charges for removing the existing wooden, Aluminium/Steel doors, windows, ventilators, cupboards, Underneath Cupboard & Hanging cupboards (frame with shutters) complete set without any damage including all available fittings as directed.			
a	36.00	Nos	of area 3 sq. metres and below		1No	
6	25.00	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	25.00	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			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.			
a	3.00	Nos	15mm dia to 25mm dia		1No	
b	3.00	Nos	32mm dia to 65mm dia		1No	
9	50.00	M2	Labour charges for dismantling precast concrete including <u>clearing the debris away form site as directed.</u>		1M2	
10	1.00	Nos	Labour charges for removing the existing wash hand basin/sink with all available fittings complete set without any damage as directed.		1No	
11	2.00	Nos	Labour charges for removing the existing IWC/EWC with flush tank complete set including all available fittings and specials as directed.		1No	
11	20.00	M	Labour charges for removing the existing curtain rods, pelmets, without any damage incl. available fittings as directed.		1RM	
12	3.00	Nos	Labour charges for removing the existing towel rod, mirrors, soap tray and Granite Corner Slab or 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	

SI.no.	Quantity		Description	Rate	Unit	Amount
14	10.00	M2	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.		1M2	
15	200.00	M2	Labour charges for chipping and removing the existing lime plastering from wall surface and wherever necessary and clearing the debris away from site as directed.		1M2	
16	4.00	M2	Labour charges for chipping and removing the ceramic/ glazed tiles, Kotah & Grainte in CM from existing walls, floor and Table Top including base plastering and clearing the debris away from site as directed.		1M2	
17	1.00	M3	Labour charges for demolition of reinforced cement concrete manually/ by mechanical means including stacking of steel bars without affecting the adjacent structure incl. clearing the debris away from site, as directed.		1M3	
18	5.00	M2	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer -in -charge.		1M2	
19	10.00	M2	Labour charges for dismantling aluminium/ Gypsum partitions and false ceiling including clearing the debris away from site as directed.		1M2	
20	10.00	M ²	Supplying, fixing and removing of centering and shuttering to correct line and levels fully leak proof to avoid leakage of cement slurry including strutting etc. complete for Cast-in-situ work table top		1M ²	
21	1.00	M ³	Cast-in-situ work table top with Reinforced cement concrete M20 of nominal volumetric mix of 1:1.50:3.00 using 20mm down graded HBG machine broken jelly free from flakes and M-Sand including mixing in mixer machine, laying, consolidation, cost of all materials, curing etc. complete but excl. cost of steel reinforcement and form work.		1M ³	
22	275.00	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	
23	0.50	M ³	Casting and fixing in position of RCC 1:2:4 for precast lintel using 20mm size HBG machine broken jelly, coarse well graded sand incl. mixing, laying, consolidation, curing, cost of all materials, necessary mould and platform etc. complete but excl. cost of steel and fabrication		1M ³	
24	0.50	M ³	Casting and fixing in position of RCC 1:2:4 for precast Rafter beam using 20mm size HBG machine broken jelly, coarse well graded sand incl. mixing, laying, consolidation, curing, cost of all materials, necessary mould and platform etc. complete but excl. cost of steel and fabrication		1M ³	
25	0.25	M ³	Casting and fixing in position of RCC 1:2:4 for precast slabs using 3 to 8mm size HBG machine broken chips, coarse 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	

SI.no.	Quantity		Description	Rate	Unit	Amount
26	20.00	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	4.00	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			Brick wall in Cement-mortar 1:6,230mm and above thick using country bricks of size 230x100x70mm (Kiln burnt)including cost all materials and curing etc., complete.			
a	1.00	M ³	super structure up to floor v level		1M ³	
29	3.00	M ²	Brick work in CM 1:4 for partition wall using country bricks of size 230x100x70mm(Kiln 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	
30	4.00	M ²	Brick on edge work in CM 1:4 using country bricks of size 230x100x70mm (kiln burnt) including cost of all materials and curing etc. complete for cupboard,open shelves,working platform support walls.		1M ²	
31	20.00	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	
32	10.00	M ²	Plastering with CM 1:3, 12mm thick for all RCC exposed surfaces to ceiling roof projections incl. cost of all materials,hacking, neat finishing and curing etc. complete in all floors.		1M ²	
33	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	
34	210.00	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	
35	2.00	M ³	Encasing with cement concrete 1:3:6, using machine broken HBG chips 10 to 12mm size to PVC pipes in toilet pits and wherever necessary incl. cost of all materials, necessary shuttering, laying, consolidation and curing etc. complete.		1M ³	
36	8.00	M ²	Supplying and laying of Non-skid Vitrified/Ceramic tiles,plain tiles, 1st quality 300x300mm 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.450.00 /m2, Excl.GST)		1M ²	
37	16.00	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.360.00/1M2)		1M ²	

SI.no.	Quantity		Description	Rate	Unit	Amount
38			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. 1200.00 /1M2).			
a	4.00	M ²	For Table top		1M ²	
39	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	
40	6.50	M	Providing full nosing to exposed edges of granite in table top etc. complete		1M	
41			Supplying and fixing in position of following Wooden window where ever necessary as per sketch and specification.			
a	2.22	M ²	Window -W1-1200x1850		1M ²	
b	2.22	M ²	Window -W2-1215x1850		1M ²	
c	1.11	M ²	Window -W3-600x1850		1M ²	
d	5.12	M ²	Window -FG-1200x610		1M ²	
e	2.51	M ²	Window -FG-1370x610		1M ²	
42			Supplying and fixing in position of following Wooden ventilator where ever necessary as per sketch and specification.			
a	0.73	M ²	Ventilator -V1-1200x610		1M ²	
43			Supplying and fixing in position of following Wooden Cup boards where ever necessary as per sketch and specification.			
a	2.55	M ²	Cupboard -CB(Size-1210X2080MM)		1M ²	
44	60.00	Kgs	Supplying and fixing in position of MS grill with outer frame,approved design using Ms flats,square rods including cost of all materials,fabrication charges,1 coat of yellow oxide primerand two coat of synthetic enamel paint etc etc., complete		1Kg	
45			Supplying and fixing in position of following Ventilator closing using plywood to existing frame, with necessary screws, nails & accessories etc., complete. (For Covering Openings)			
a	15.00	M ²	Ventilator closing using 12MM plywood		1M ²	
46			Supplying and fixing in position of following Ventilator closing using plywood to 50x32 wooden frame frame, with necessary screws, nails & accessories etc., complete. (For Covering Openings)			
a	5.00	M ²	12mm ply wood		1M ²	
47			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	

SI.no.	Quantity		Description	Rate	Unit	Amount
48			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	
49			Supplying of SWR supreme make PVC specials of the following sizes and specifications etc. complete.			
a	6.00	Nos	110x75mm reducer		1No	
b	6.00	Nos	110mm dia single plain 'Y'		1No	
c	6.00	Nos	110mm dia door 'Tee'		1No	
d	6.00	Nos	110mm dia door bend		1No	
e	6.00	Nos	110mm dia 87.5 plain bend		1No	
f	6.00	Nos	110mm dia plain Tee		1No	
g	6.00	Nos	110mm dia coupler		1No	
h	6.00	Nos	110mm dia end cap		1No	
i	6.00	Nos	110mm dia vent cowl		1No	
j	6.00	Nos	110 x 50mm bush		1No	
k	6.00	Nos	75mm dia single 'Y'		1No	
l	6.00	Nos	75mm dia plain Tee		1No	
m	6.00	Nos	75mm dia coupler		1No	
n	6.00	Nos	75mm dia door bend		1No	
o	6.00	Nos	75mm dia 87.5 plain bend		1No	
p	6.00	Nos	75mm dia door Tee		1No	
q	6.00	Nos	75mm dia end cap		1No	
r	6.00	Nos	75mm dia 45 bend		1No	
s	6.00	Nos	75mm dia vent cowl		1No	
t	6.00	Nos	110 x 75mm Bush		1No	
50	50.00	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	
51			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	
52			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	15.00	M	15mm dia		1RM	
b	10.00	M	20mm dia		1RM	
c	5.00	M	25mm dia		1RM	
d	5.00	M	32mm dia		1RM	

SI.no.	Quantity		Description	Rate	Unit	Amount
e	5.00	M	40mm dia		1RM	
53	1.00	Nos	Supplying and fixing in position of Porcelain sink 600x450x250mm size including cost of all fittings such as ,CP waste coupling etc., complete.		1No	
54	2.00	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	
55	2.00	Nos	Supplying and fixing in position of Slimeline 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	
56	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	
57	3.00	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	
58	2.00	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	
59			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	1.00	Nos	15mm dia CP long body bib cock		1No	
b	3.00	Nos	15mm dia CP Angle cock for WHB & flush tank.		1No	
c	2.00	Nos	CP Bottle trap		1No	
d	1.00	Nos	15mm dia CP Open stop cock.		1No	
e	1.00	Nos	15mm dia CP short body bib cock		1No	
60	1.00	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	
61	1.00	Nos	Supplying and fixing in position of mirror of size 600 x 450 mm with hard board back & plastic frame around including cost of all materials and required screws etc. complete.		1No	
62			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	3.00	Nos	25mm dia		1No	
b	3.00	Nos	32mm dia		1No	
c	3.00	Nos	40mm dia		1No	
63			Supplying and fixing in position of Zoloto make Butterfly valve with G.I flange, bolt & net , including cost of all materials and required specials etc., complete.			
a	2.00	Nos	50mm dia		1No	
b	2.00	Nos	65mm dia		1No	

SI.no.	Quantity		Description	Rate	Unit	Amount
64	380.00	M ²	Painting two coats with Acrylic emulsion paint of approved make and colour over new/old walls and ceilings 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 etc. complete.		1M ²	
65	20.00	M ²	Painting two coats with exterior acrylic emulsion paint of approved make and colour over new walls and ceiling with one coat of exterior water based primer incl, cleaning the surfaces, cost of all materials, brush and scaffolding etc complete.		1M ²	
66	10.00	M ²	Painting one coat using Acrylic 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	
67	50.00	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	
68	20.00	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. surface preparation with application of putty cost of all materials, brush and scaffolding etc. complete.		1M ²	
69	10.00	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	
70	10.00	M ²	Painting two coats with synthetic enamel paint of approved make & colour over the new ironwork including surface preparation, necessary putty, cost of all materials, brush and scaffolding etc. complete		1M ²	
71			Painting new G.I. pipes with three coats consisting of one coat of zinc chromate primer and two coats of Ist quality synthetic enamel paint of approved make and colour incl. cleaning the pipes, cost of all materials and brush etc. complete.			
a	15.00	M	15mm dia		1RM	
b	10.00	M	20mm dia		1RM	
c	5.00	M	25mm dia		1RM	
d	5.00	M	32mm dia		1RM	
72	350.00	M ²	Scraping completely and cleaning the white (or) colour washed surface (or) snowcem surface of old walls and ceilings using putty plate, sand paper and wire brush etc. incl. scaffolding and clearing the debris away from site etc. complete. (For Interior and Exterior surfaces).		1M ²	
73	1.00	Nos	Supplying and fixing in position of Hydraulic door closer (Rolex Make) to wooden/aluminium doors complete set including required screws and nails etc., complete.		1No	
74			Making through holes in Plain or Reinforced Cement Concrete /Brickwork with Diamond Core Drilling System by using BOSCH power tools of following diameter			
a	1.00	Nos	upto 200mm (Plain or Reinforced Cement Concrete)		1No	
b	1.00	Nos	upto 200mm (Brickwork)		1No	

SI.no.	Quantity		Description	Rate	Unit	Amount
75	5.00	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	
76	45.00	M ²	Providing & fixing "DAIKEN" gypsum ceiling tiles 9mm thick with Aluminium foil laminated on one side and PVC sheet laminated on the other side with hot dipped galvanised steel grid work, surface chemically cleaned capping PVC finished inbacked polyster paint, main tees of size 33(H) x 24mm every 1.20m centre to centre, stiched cross tee at 0.60m centre to centre to form a grid of size 600x600mm & suspending the grid from roof using 3mm GI rod, 6mm nylon, rawl plug & I bolt at every 1200 intervals laying "DAIKEN" gypsum 155 ceiling tiles of size 600x600mm over the formed grid having fire rating of 60 minutes as per BS 479/23 of 1987, light reflection of 85%		1M ²	
77	0.50	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, providing full nosing to exposed edges, cleaning and curing etc. complete. Corner Slab (Basic rate of granite Rs.1600.00 /1M2, Excl.GST).		1M ²	
78	7.00	M ²	Supplying, laying and fixing in position of vinyl flooring of approved make and colour including cost of all materials, surface preparation, vamicol rubber based RB 1003 adhesive without formation of air bubbles & to avoid more sheet joints, welding the joints with PVC welding of matching colour and fixing including Welding rod, skirting 100mm PVC Coving, self levelling (3mm Tk.), and fixing and finishing in all respects etc., complete. asper manufacturer's standard specification. (2mm Tk. Vinyl Sheet)		1M ²	
79	14.00	M ²	Wall Panelling made of 50x25mm Alumn., box section c/c 600mm framed over above 12mm BWP Ply is 710 Archid Ply on top as approved 1mm Textured laminate fixing with Favicol Heatex and edge 50mm thick laminated finished		1M ²	
80	1.00	Nos	Supplying and fixing in position of SS Elbow Action Tap of size 15mm approved quality including cost of all material etc., complete.		1No	
81			Supply, erection and removing of external Double legged scaffolding using to existing building external sides for the purpose of further construction works, repair/maintenance including cost /hire charges of MS pipes of other accessories etc . Complete . (as directed by the engineer)			
a	28.00	M ²	For scaffolding for a height Upto 25m inclusive of cost of materials.		1M ²	

SI.no.	Quantity		Description	Rate	Unit	Amount
82			Surface Preparation: Labour charges for chipping the spalled and old concrete of the column, beam/slab and other elements. Check for the phenolphthaline test and if there is no change in color chip the same further down until, reaching the good or uncontaminated concrete. Clean the surface and make sure that surface is clean and free from loose particle.			
a	10.00	M ²	25mm avg.thickness		1M ²	
83	15.00	Nos	Labour charges for Welding additional reinforcement with the Existing reinforcement of Rcc sunshade,beam,slab,column including cost of electrodes, carrying out site welding works at external areas of the building at various heights,etc., complete.		1No	
84	15	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			
			CGST 9%			
			SGST 9%			
			Total			