

<b>NAME OF THE WORK: MODIFICATION OF EXISTING "M" WARD GROUND FLOOR (PART) FOR GASTROENTERLOGY AT CMC, TOWN CAMPUS.</b>						
<b>TENDER SCHEDULE</b>						
<b>SI.No</b>	<b>Quantity</b>		<b>Description of the Work</b>	<b>Rate</b>	<b>Unit</b>	<b>Amount</b>
1	2.50	M <sup>3</sup>	<b>Demolishing brick walls in cement mortar</b> 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 <sup>3</sup>	
2	0.50	M <sup>3</sup>	<b>Demolishing brick walls in Lime mortar</b> 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 <sup>3</sup>	
3	0.50	M <sup>3</sup>	<b>Demolishing stone walls in cement mortar</b> (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.		1M <sup>3</sup>	
4	0.50	M <sup>3</sup>	<b>Demolishing stone walls in lime mortar</b> (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.		1M <sup>3</sup>	
5	5.00	M <sup>2</sup>	Making the <b>opening in brick masonry</b> including dismantling in floor or walls by cutting masonry and making good the damages to walls, flooring and jambs complete, to match existing surface i/c disposal of mulba/ rubbish to the nearest municipal dumping ground, all complete as per direction of Engineer-in-Charge. <b>(For door/ window/ventilators)</b>		1M <sup>2</sup>	
6	15.00	M <sup>2</sup>	Labour charges for <b>dismantling precast concrete slab/kadappa slab/marble slab /Granite up to a thickness of 75mm</b> including clearing the debris away from site as directed.		1M <sup>2</sup>	
7	5.00	M <sup>2</sup>	<b>Dismantling wooden boardings</b> in lining of walls, and <b>partitions Working Table top,,etc.,</b> including stacking within 50 metres lead		1M <sup>2</sup>	
8	35.00	Nos	Labour charges for removing the <b>existing wooden, Aluminium/Steel doors, windows, ventilators, grill windows,cupboards,Underneath Cupboard &amp; Hanging cupboards (frame with shutters)</b> complete set without any damage including all available fittings as directed.		1No	
9	40.00	RM	Labour charges for <b>removing</b> the existing GI/PVC/C.I. <b>pipes upto 75mm dia</b> with all available specials without any damage as directed.		1RM	
10	40.00	RM	Labour charges for <b>removing</b> the existing GI/PVC/C.I. <b>pipes above 75mm dia upto 150mm dia</b> with all available specials without any damage as directed.		1RM	
11	3.00	Nos	Labour charges for <b>removing</b> the existing <b>wash basin</b> with all available fittings complete set without any damage as directed.		1No	
12	2.00	Nos	Labour charges for <b>removing</b> the existing <b>EWC with flush tank</b> complete set including all available fittings and specials as directed.		1No	
13			Labour charges for <b>removing</b> the following dia existing <b>wheel valve/Gate valve/ open stop cock</b> etc. with all available specials without any damage as directed.			

Sl.No	Quantity		Description of the Work	Rate	Unit	Amount
a	4.00	Nos	15mm dia to 25mm dia		1No	
b	4.00	Nos	32mm dia to 65mm dia		1No	
14	8.00	Nos	Labour charges for <b>removing</b> the existing brass/CP/PVC <b>tap</b> without any damage as directed.		1No	
15	12.00	Nos	Labour charges for <b>removing</b> the existing <b>towel rod/mirrors/paper trays/grab rail</b> or any other usable accessories without any damage as directed.		1No	
16	8.00	RM	Labour charges for <b>removing</b> the existing <b>curtain rods</b> without any damage incl. available fittings as directed.		1RM	
17	30.00	M <sup>2</sup>	Labour charges for <b>chipping and removing</b> the ceramic/glazed <b>tiles</b> , in CM from existing walls, floor and Table Top including base plastering and clearing the debris away from site as directed.		1M <sup>2</sup>	
18	80.00	M <sup>2</sup>	Labour charges for <b>chipping and removing</b> the existing <b>cement (or)lime plastering</b> from wall surface and wherever necessary and clearing the debris away from site as directed.		1M <sup>2</sup>	
19	0.50	M <sup>3</sup>	Labour charges for <b>Chipping / removing</b> the existing <b>grano flooring</b> without affecting the adjacent area including clearing the debris away from site as directed.		1M <sup>3</sup>	
20	1.00	M <sup>3</sup>	Labour charges for demolition of <b>lean Cement Concrete</b> manually/ by mechanical means from existing foundation and flooring completely including clearing the debris away from site within 50 metres lead as directed.		1M <sup>3</sup>	
21	1.00	M <sup>3</sup>	Labour charges for <b>demolition of reinforced cement concrete</b> manually/ by mechanical means including stacking of steel bars without affecting the adjacent structure incl. clearing the debris away from site, as directed.		1M <sup>3</sup>	
22	5.00	M <sup>2</sup>	Extra for cutting <b>reinforcement bars</b> 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.		1M <sup>2</sup>	
23	1.00	M <sup>3</sup>	<b>Plain Cement concrete 1:4:8</b> using 40mm size HBG machine broken jelly,M- sand including mixing in mixer machine, laying, consolidation and curing etc. <b>complete For flooring</b>		1M <sup>3</sup>	
24	0.75	M <sup>3</sup>	<b>Casting and fixing</b> in position of <b>RCC 1:2:4</b> for <b>precast slabs</b> 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. <b>complete but excluding cost of steel and fabrication.</b>		1M <sup>3</sup>	
25	0.50	M <sup>3</sup>	<b>Casting and fixing</b> in position of <b>RCC 1:2:4</b> for <b>precast lintel</b> 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. <b>complete but excl. cost of steel and fabrication</b>		1M <sup>3</sup>	
26	250.00	Kgs	Supplying fabricating,placing and tying in position of <b>steel reinforcement</b> including cost of <b>18 gauge MS binding wire</b> etc. <b>complete for all RCC works</b>		1Kg	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
27			<b>Brick wall in Cement-mortar 1:6,230mm</b> and above thick using country bricks of size 230x100x70mm ( <b>killn burnt</b> ) including cost all materials and curing etc., complete.			
a	0.50	M <sup>3</sup>	for Foundation and basement.		1M <sup>3</sup>	
b	5.50	M <sup>3</sup>	for super structure		1M <sup>3</sup>	
28	20.00	M <sup>2</sup>	<b>Brick work in CM 1:4 for partition wall</b> 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 ( <b>steel will be measured separately &amp; Supplied by Dept free of cost.</b> ).		1M <sup>2</sup>	
29	10.00	M <sup>2</sup>	<b>Brick on edge work in CM 1:4</b> using country bricks of size 230x100x70mm (killn burnt) including cost of all materials and curing etc. complete for cupboard,working platform support walls.		1M <sup>2</sup>	
30	75.00	M <sup>2</sup>	<b>Plastering</b> with CM 1:5, 12mm thick over <b>old/new</b> surface of <b>internal</b> Brick including cost of all materials and curing etc. complete.		1M <sup>2</sup>	
31	25.00	M <sup>2</sup>	<b>Plastering</b> with CM 1:5, 20mm thick over <b>external</b> surface of <b>old /new</b> Brick including providing grooves as required, cost of all materials and curing etc. complete in all floors at all heights.		1M <sup>2</sup>	
32	10.00	M <sup>2</sup>	<b>Base Plastering</b> with CM 1:5, 20mm thick over chipped surface of existing brick walls including cost of all materials and curing etc. complete		1M <sup>2</sup>	
33	1.00	M <sup>2</sup>	<b>Grano floor finishing</b> with <b>CC 1:1.5:3</b> using M-sand and 3mm to 8mm size HBG machine broken chips including cost of all materials, laying, consolidation, thread lining if necessary, neat finishing and curing etc. complete. 40mm average thick.		1M <sup>2</sup>	
34	0.25	M <sup>3</sup>	<b>Screed concrete PCC 1:3:6</b> 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 <b>eliminate the undulations.</b>		1M <sup>3</sup>	
35	5.00	M <sup>2</sup>	Supplying and fixing of <b>Vitrified/ceramic tiles</b> ,1st quality <b>600x600mm size</b> of approved make and colour set in CM 1:3, base including pointing with Roffee compound tile mate/approved equivalent mixing with colour pigments, base with 2mm spacers in both direction including grouting the joints to matching colour, cost of all materials,cleaning and curing etc. <b>complete for floor. (Basic rate tile-Rs.-600.00-/1M2)</b>		1M <sup>2</sup>	
36	2.00	M <sup>2</sup>	Supplying and fixing of <b>Vitrified/ceramic tiles</b> of size <b>600x600mm</b> , 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. <b>For Skirting, (Basic Rate of Tile Rs.600.00 / 1M2 Excl.GST)</b>		1M <sup>2</sup>	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
37	85.00	M <sup>2</sup>	<b>Supplying and fixing of Glazed Plain wall tiles</b> 1st quality <b>300x450mm/300x600mm</b> 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. <b>complete for dadoing.(Basic rate of tiles :- Rs.400.00/1M<sup>2</sup>-Excl.GST)</b>		1M <sup>2</sup>	
38	3.00	M <sup>2</sup>	Supplying and laying of <b>Non skid vitrified/ceramic plain tiles</b> , 1st quality <b>300x300mm</b> size of approved make and colour set in CM 1:3, base with 2mm spacers in both direction including grouting the joints to matching colour, giving proper slope, cleaning and curing etc. <b>complete for toilet floor (Basic rate of tile Rs. 600.00 /m<sup>2</sup> Excl.GST)</b>		1M <sup>2</sup>	
39	0.50	M <sup>2</sup>	Supplying and fixing in position of <b>highly polished Granite slab 18 to 20mm thick</b> 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. <b>(Basic rate of granite Rs. 1,600.00 /1M<sup>2</sup> Excl.GST).for floor strips</b>		1M <sup>2</sup>	
40	10.00	RM	Supplying and fixing in position of 25mm dia (OD) <b>MS powder coated curtain rod</b> 20 gauge of approved make and colour including cutting cost of all materials etc., as directed by the engineer		1RM	
41	12.00	Nos	Supplying and fixing in position of <b>MS powder coated curtain brackets</b> of approved make and colour with necessary wooden plugs/ supports and screws including cost of all materials etc., as directed by the engineer.		1No	
42	2.00	Nos	Supplying and <b>fixing in position of Hydraulic door closer (Rolex Make)</b> to wooden/aluminium doors complete set including required screws and nails etc., complete.		1No	
43	1.00	RM	Supplying and fixing in position of edge protection angle using <b>Aluminium angle</b> 40x25x3mm in toilet area (or) other areas wherever required in the level difference found in floor level etc,complete.		1RM	
44	0.50	M <sup>2</sup>	Supplying and fixing in position of <b>wall glazing</b> work using polished <b>stainless steel sheet 18 gauge SS 304 grade ,300mm height</b> with back 12mmplywood incl. cost of all materials teak wood plug, screws & nails etc complete as per Engineers instructions .		1M <sup>2</sup>	
45	1.00	RM	Supplying and fixing in position of Salem stainless steel angle 65x65mm - 304 grade 18 gauge <b>corner guard,embedded type</b> required height wherever necessary including cost of all materials,drilling holes, screws and nails etc. complete.		1RM	
46	1.00	RM	Supplying and fixing in position of plain <b>open type</b> Salem stainless steel angle 50x50mm - 304 grade 18 <b>gauge corner guard</b> , required height wherever necessary including cost of all materials,drilling holes, screws and nails etc. complete.		1RM	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
47	10.00	Nos	Providing <b>minor repair charges</b> to the existing door,windows,ventialtors and cupboards including replacement of existing damaged furniture fittings with new one including removing and refixing,making them to functional condition, fixing and finishing in all repects as directed by the engineer-in-charage. <b>(required furniture fittings, wooden scantlings and teak wood beadings will be supplied by dept.at free of cost)</b>		1No	
48			Supplying and fixing in position of <b>Aluminium partitions and Aluminium door cum partitions</b> of following sizes including cost of all furniture fittings etc complete <b>as per Sketch and Specifications.</b>			
a	3.01	M <sup>2</sup>	AD1 -1200X2100mm		1M <sup>2</sup>	
b	4.67	M <sup>2</sup>	AD2 -1500X2100mm (VIEW-1)		1M <sup>2</sup>	
c	7.77	M <sup>2</sup>	AD2 -1500X2100mm (VIEW-2)		1M <sup>2</sup>	
d	3.15	M <sup>2</sup>	AD3 -900X2100mm (VIEW-3)		1M <sup>2</sup>	
e	28.00	M <sup>2</sup>	Aluminium Partitions		1M <sup>2</sup>	
49			Supplying and fixing in position of following types <b>Aluminium casement type windows, Aluminium Fixed Glazings windows and aluminium ventilators</b> including cost of all furniture fittings etc complete <b>as per Sketch and Specifications.</b>			
a	2.80	M <sup>2</sup>	W1-1400X2000mm		1M <sup>2</sup>	
b	3.60	M <sup>2</sup>	W2-1800X2000mm		1M <sup>2</sup>	
c	6.08	M <sup>2</sup>	W3-1500X1350mm		1M <sup>2</sup>	
d	7.29	M <sup>2</sup>	W4-1800X1350mm		1M <sup>2</sup>	
e	1.20	M <sup>2</sup>	FG1-1000X600mm		1M <sup>2</sup>	
f	2.04	M <sup>2</sup>	FG2-1200X1700mm		1M <sup>2</sup>	
g	5.10	M <sup>2</sup>	FG3-1500X1700mm		1M <sup>2</sup>	
h	2.55	M <sup>2</sup>	FG4-750X1700mm		1M <sup>2</sup>	
i	1.20	M <sup>2</sup>	AG-750X1600mm		1M <sup>2</sup>	
j	0.60	M <sup>2</sup>	V1-1000X600mm		1M <sup>2</sup>	
50			Supplying and fixing in position of following <b>Wooden Door</b> where ever necessary as per sketch and specification)			
a	4.20	M <sup>2</sup>	D1-Size-1000x2100MM		1M <sup>2</sup>	
b	1.88	M <sup>2</sup>	D2-Size-830x2260MM		1M <sup>2</sup>	
51			Supplying and fixing in position of <b>Wooden Cupboards and Underneath Cupboards</b> with openable shutters of following sizes including cost of all materials ,furniture fittings as per sketch and specification.			
a	5.67	M <sup>2</sup>	CB1(Size-900x2100MM)		1M <sup>2</sup>	
b	2.10	M <sup>2</sup>	CB2(Size-1000x2100MM)		1M <sup>2</sup>	
c	2.50	M <sup>2</sup>	CB3(Size-900x1650MM)		1M <sup>2</sup>	
d	2.52	M <sup>2</sup>	CB4a(Size-1350x2100MM)		1M <sup>2</sup>	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
e	1.26	M <sup>2</sup>	CB4b(Size-750x2100MM)		1M <sup>2</sup>	
52	230.00	Kgs	Supplying and fixing in position of <b>MS grill</b> 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	
53	5.00	M <sup>2</sup>	Supplying and fixing in position of <b>12mm thk bothside laminated MDF duratuff board</b> covering /closings to existing openings (or) match the difference level of wall thickness with necessary screws, nails & accessories etc., complete. <b>(For windows ,doors,ventilators and door</b>		1M <sup>2</sup>	
54	2.00	M <sup>2</sup>	<b>Supplying and fixing</b> in position of <b>12mm thick plywood</b> covering /closings to existing openings (or) match the difference level of wall thickness with necessary screws, nails & accessories etc., complete. <b>(For windows ,doors,ventilators and door cum partitions)</b>		1M <sup>2</sup>	
55	1.00	Nos	Supplying, transporting to Site , Unloading , Safe storage, installing, testing and commissioning of <b>White colour EWC with "S/P " trap</b> with plastic seat cover , pan connector etc.complete. Cost including conveyance of all materials to the site, all labour charges etc., complete in all floors including cutting and making rough finishing the walls and floors wherever required,checked and directed by the Engineer-in-charge.		1No	
56	1.00	Nos	Supplying and fixing in position of <b>Slimeline combiflush twin flush</b> type plastic cistern (white) complete set for EWC including required fittings such as 1st quality inlet nylon connection,pvc flushing pipe etc., complete.		1No	
57	1.00	Nos	Supplying, transporting to Site , Unloading , Safe storage, installing, testing and commissioning of <b>White glazed Counter type wash hand basin 560x450m</b> including all fittings such as SS pipe brackets/S.S Rag bolts set ,15mm dia CP pillar cock (plumber make),1st quality inlet nylon connection,CP waste coupling, PVC waste pipe etc., complete. Cost including conveyance of all materials to the site, all labour charges etc., complete.		1No	
58	3.00	Nos	<b>Supplying, transporting to Site , Unloading , Safe storage, installing, testing and commissioning of Nirali grace plain glossy /approved equivalent make SS sink with flat borders complete set with CP waste coupling,</b> restoring the damaged portions to their original condition etc.complete.Works including cutting and making good the walls /floor wherever required, including cost and conveyance of all materials to the site, all labour charges etc., complete. <b>(Overall size-610X460mm-Bowl Size-560X410X254mm).</b>		1No	
59			Supplying and fixing in position of following types of <b>fittings</b> of approved make including cost of all materials and required specials etc., complete.			
a	2.00	Nos	15mm dia CP Angle cock for WHB & flush tank.		1No	
b	1.00	Nos	15mm dia CP Two way bib cock with health faucet		1No	
c	3.00	Nos	CP Bottle trap		1No	
d	5.00	Nos	15mm dia CP long body bib cock		1No	
e	2.00	Nos	15mm dia CP short body bib cock		1No	

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f	1.00	Nos	15mm dia CP Open stop cock.		1No	
60	4.00	Nos	Supplying and fixing in position of 15mm dia CP brass <b>Elbow operated clinical Bib cock with Wall Flange</b> including cost of all material and required specials etc., complete.		1No	
61			<b>CPVC SDR 11 Piping System (water supply:Domestic water,flushing, Hot water, RO water, Soft water piping system)</b> : Supply and Installing at site Concealed CPVC SDR 11 ASTM D 2846 Pipes (Equivalent Standard Size) with suitable CPVC Schedule 80 fittings (Ts, Elbows, Bends, Reducers, Couplers, Ys etc.) Adapters, Clamping with GI U Clamps as required for firmly installing the pipes, having thermal stability for Hot and Cold Water supply. Joined using Solvent Cement fittings with metal inserts suitable for the working pressure. Hydrostatic Testing of the Pipes using necessary test pressure for specified time period etc.			
a	10.00	RM	15mm Nominal Dia		1RM	
b	15.00	RM	20mm Nominal Dia		1RM	
c	40.00	RM	25mm Nominal Dia		1RM	
62			<b>Supplying and fixing of the following PVC pipes</b> 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	25.00	RM	40mm dia 6Kgs/CM <sup>2</sup> (incl. specials)		1RM	
b	5.00	RM	50mm dia 6Kgs/CM <sup>2</sup> (incl. specials)		1RM	
c	5.00	RM	63mm dia 4Kgs/CM <sup>2</sup> (incl. specials)		1RM	
d	20.00	RM	75mm dia 4Kgs/CM <sup>2</sup> (Excl. specials)		1RM	
e	20.00	RM	110mm dia 4Kgs/CM <sup>2</sup> (Excl. specials)		1RM	
63			<b>Supplying and fixing</b> of the following dia <b>SWR PVC pipes</b> including cutting charges, cost of cement solvent for joining and fixing with necessary SWR PVC plumbing specials for <b>external sewage line, waste water line</b> including necessary scaffolding etc., complete but excluding cost of specials and MS brackets which will be			
a	20.00	RM	75mm dia - Type-B		1RM	
b	20.00	RM	110 mm dia - Type-B		1RM	
64			Supplying and fixing of the following dia <b>PVC</b> Supreme make pipes <b>below ground level</b> including cutting charges, cost of cement solvent for joining and fixing with necessary specials, earth work excavation, filling sand 150mm around pipe & refilling with excavated earth, cost of all materials etc., complete.			
a	10.00	RM	110 mm dia 6Kgs/CM <sup>2</sup>		1RM	
b	5.00	RM	160 mm dia 6Kgs/CM <sup>2</sup>		1RM	
65			Supplying of <b>SWR supreme make PVC specials</b> of the following sizes and specifications etc. complete.			
a	3.00	Nos	110x75mm reducer		1No	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
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	
w	1.00	Nos	160mm dia 87.5 plain bend		1No	
x	1.00	Nos	160mm dia 45 bend (shoe)		1No	
66	2.00	Nos	Supplying and fixing of Supreme make <b>PVC nahini plain floor trap</b> of 110mm dia. with S.S round jally including cost of cement solvent for joining,cement mortar for fixing in position etc., complete.		1No	
67	2.00	Nos	Supplying and fixing of 110mm dia Supreme make <b>PVC multi floor trap</b> with S.S. hinged type square of cement solvent for joining,cement mortar for fixing in position etc., complete.		1No	



SI.No	Quantity		Description of the Work	Rate	Unit	Amount
68			<b>Open GI Piping System</b> :Supplying , cutting,threading, laying and joining of Open G.I.Pipes' B ' class ISI make with necessary ' UNIK' make with suitable G.I. fittings, Ts, Elbows, Bends, Ys etc. Adapters, Air vents, Clamping with GI U Clamps as required for firmly installing the pipes, having thermal stability for Cold Water supply Joined using Solvent Cement fittings suitable for the working pressure and finishing with enamel paint. Supporting exposed pipes using necessary GI Clamps and supports. Hydrostatic Testing of the Pipes using necessary test pressure for specified time period etc. (Make: Jindal or approved equalent) of G.I. pipes including cost of all required materials, clamps, teak wood plugs and screws etc., complete. <b>(ABOVE GROUND LEVEL)</b>			
a	10.00	RM	15mm dia		1RM	
b	40.00	RM	20mm dia		1RM	
c	40.00	RM	25mm dia		1RM	
d	20.00	RM	32mm dia		1RM	
e	10.00	RM	40mm dia		1RM	
69			Supplying and fixing of the following dia <b>G.I. pipes below ground level</b> including cutting charges, cost of all materials, joining and fixing with necessary specials, earth work excavation, filling Sand 150mm around pipe , refilling with excavated earth, cost of all materials etc., complete.			
a	5.00	RM	50mm dia		1RM	
b	10.00	RM	65mm dia		1RM	
70	25.00	Kgs	Supplying and fixing of required size <b>brackets and clamps</b> using <b>MS Angles, MS flats</b> , 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	
71			Supplying of <b>G.I special clamp</b> 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	
72			Supplying and fixing in position of ISI Elco brand gun metal <b>Gate valve heavy duty</b> 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	
73	2.00	Nos	Supplying and fixing in position of Zoloto make <b>Butterfly valve</b> with G.I flange, bolt & net , including cost of all materials and required specials etc., complete. Size of <b>40mm dia</b>		1No	
74	2.00	Nos	Supplying and Fixing in position of Chromium plated <b>towel rod</b> 600mm long with required teak wood plugs and screws including cost of all material etc., complete.		1No	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
75	2.00	Nos	Supplying and fixing in position of <b>mirror</b> of size 600 x 450 mm with hard board back & plastic frame alround including cost of all materials and required screws etc. complete.		1No	
76	20.00	M <sup>2</sup>	<b>Scraping</b> completely and cleaning the white (or) distemper (or) Arcylic emulsion (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 <sup>2</sup>	
77	10.00	M <sup>2</sup>	<b>White cement</b> Washing <b>two coats</b> over <b>old/new</b> surface of <b>walls</b> and ceilings incl. cost of all materials, brush, scaffolding and curing etc. Complete.		1M <sup>2</sup>	
78	10.00	M <sup>2</sup>	Painting <b>two coats with exterior acrylic emulsion</b> paint of appd. Make and colour over <b>old walls</b> and ceilings incl. cleaning the surfaces, cost of all materials, brush and scaffolding etc, Complete		1M <sup>2</sup>	
79	30.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>exterior acrylic emulsion</b> paint of approved make and colour over <b>old / new walls</b> and ceiling with one coat of exterior <b>water based primer</b> incl, cleaning the surfaces, cost of all materials, brush and scaffolding etc,. Complete.		1M <sup>2</sup>	
80	45.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>Arcylic emulsion</b> paint of approved make and colour over <b>old / new walls</b> and ceiling with <b>one coat of water based primer</b> after preparation of the surface smooth and even with <b>Birla wall care putty</b> / approved equivalent including cost of all materials, proper roller finish, brush and scaffolding etc. Complete.		1M <sup>2</sup>	
81	690.00	M <sup>2</sup>	Painting <b>two coats</b> using <b>Acrylic emulsion</b> paint of appd. Make & Colour over <b>old</b> painted <b>surfaces of walls</b> & ceilings incl.surface preparation , <b>necessary putty</b> , brush, cost of all materials & scaffolding etc. Complete		1M <sup>2</sup>	
82	10.00	M <sup>2</sup>	Painting <b>one coat</b> using <b>Acrylic emulsion</b> paint of appd. Make & colour over <b>old</b> painted <b>surfaces of walls</b> & ceilings incl. surface preparation with <b>necessary putty</b> , Brush, cost of all materials & scaffolding etc. Complete.		1M <sup>2</sup>	
83	45.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>synthetic enamel</b> paint of approved make colour over <b>old / new walls</b> with <b>one coat of oil based primer</b> after preparation of the surface smooth and even with <b>Birla wall care putty</b> / approved Equivalent including cost of all materials, coat of white cement base, brush and scaffolding etc. Complete.		1M <sup>2</sup>	
84	470.00	M <sup>2</sup>	Painting <b>two coats</b> using <b>synthetic enamel</b> paint of approved make & colour over the <b>old painted surface of walls</b> & ceilings incl. Surface preparation, cost of all materials, <b>necessary putty</b> , brush & scaffolding etc. Complete		1M <sup>2</sup>	
85	10.00	M <sup>2</sup>	Painting <b>one coat</b> using <b>synthetic enamel paint</b> of approved make & color over the <b>old painted surface of walls</b> & ceilings incl. Surface preparation, cost of all materials, <b>necessary putty</b> , brush & scaffolding etc. Complete.		1M <sup>2</sup>	
86	10.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>washable oil bound distemper</b> of approved make and colour over <b>old / new walls</b> and <b>ceilings</b> with <b>one coat of water based primer</b> incl. surface preparation with <b>necessary putty</b> , approved equivalent incl. cost of all materials, scaffolding and brush etc. Complete.		1M <sup>2</sup>	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
87	270.00	M <sup>2</sup>	Painting <b>two coats</b> using <b>washable oil bound Distemper</b> of approved make and colour over <b>old surface</b> of walls & <b>ceilings</b> incl. surface preparation with <b>necessary putty</b> , cost of all materials, brush and scaffolding etc, Complete		1M <sup>2</sup>	
88	10.00	M <sup>2</sup>	Painting <b>one coat</b> using <b>washable oil bound distemper</b> of approved make and colour over <b>old surface</b> of walls & <b>ceilings</b> incl. surface preparation with <b>necessary putty</b> , cost of all materials, brush and scaffolding etc. Complete.		1M <sup>2</sup>	
89	20.00	M <sup>2</sup>	Painting <b>two coats</b> with <b>synthetic enamel</b> paint of approved make and colour over <b>new wood</b> works with <b>one coat of wood primer</b> incl, painting the furniture fittings where required, surface preparation with application of putty, cost of all materials brush and scaffolding etc Complete.		1M <sup>2</sup>	
90	220.00	M <sup>2</sup>	Painting <b>two coats</b> using <b>synthetic enamel</b> of approved make & colour over the <b>old woodwork</b> incl. painting the furniture fittings where required, surface preparation with application of putty, cost of all materials, brush and scaffolding etc. Complete		1M <sup>2</sup>	
91	10.00	M <sup>2</sup>	Painting <b>one coat</b> using <b>synthetic enamel paint</b> of approved make & color over the <b>old woodwork</b> including painting the furniture fittings where required surface preparation with application of putty, cost of all materials, brush & scaffolding etc. Complete.		1M <sup>2</sup>	
92	10.00	M <sup>2</sup>	Painting <b>two coats</b> using <b>synthetic enamel</b> paint of approved make & colour over the <b>old / new ironwork</b> incl. surface preparation, necessary putty, cost of all materials, brush and scaffolding etc. Complete.		1M <sup>2</sup>	
93			Painting <b>two coats</b> using <b>synthetic enamel</b> paint of appd. make and colour over the <b>old MS/GI pipes</b> including cleaning the pipes, scaffolding, cost of all materials, brush etc, Complete.			
a	10.00	RM	15mm dia N.B		1RM	
b	10.00	RM	20mm dia N.B		1RM	
c	10.00	RM	25mm dia N.B		1RM	
d	10.00	RM	32mm dia N.B		1RM	
94			Painting <b>two coats</b> with synthetic enamel paint of approved make and colour over <b>GI pipes with one coat of zinc chromate</b> including cleaning the pipes, cost of all materials, brush, scaffolding etc. Complete.			
a	10.00	RM	15mm dia N.B		1RM	
b	40.00	RM	20mm dia N.B		1RM	
c	40.00	RM	25mm dia N.B		1RM	
d	20.00	RM	32mm dia N.B		1RM	
e	10.00	RM	40mm dia N.B		1RM	
95	1.00	M <sup>3</sup>	<b>Supplying and filling</b> of <b>M- sand</b> for foundation and basement in layers, including watering, ramming and consolidation etc. complete.		1M <sup>3</sup>	

SI.No	Quantity		Description of the Work	Rate	Unit	Amount
96	10.00	M <sup>2</sup>	Supplying and fixing in position of <b>interlocking paving blocks M30 Grade over well compacted sand cushion(sand filling shall be measured and paid for separately)</b> including cost of all materials,well compacting with earth rammers,aligning, finishing in all respects etc., <b>complete for 80mm thickness</b>		1M <sup>2</sup>	
97	3.00	Lorry loads	<b>Transporting the debris</b> by lorry from CMC ,Town campus to outside of the campus including loading and unloading charges etc. complete.(capacity 5.50 M <sup>3</sup> /per lorry load).		1 Lorry load	
			<b>Sub Total</b>			
			<b>Add GST at 18%</b>			
			<b>Total Amount</b>			