

Tender schedule						
Name of the work : Renovation work in Ground & First Floor Wash Rooms at centre for Stemcell research @ CMC, Bagayam Campus.						
Sl. No	Quantity		Description of the items	Rate	Unit	Amount
1	18.00	Nos	Labour Charges for removing the existing Door shutters complete set with all available furniture fittings (Shutters only) without any damage and the same to be stored in contractor's safe custody for re-fixing as directed by Engineer - in -charge. (Existing frames retained as it is.)		1No	
2	4.00	Nos	Labour Charges for removing the existing Cupboard frame with shutter complete set with all available furniture fittings (Frame with Shutter) without any damage and the same to be stored in contractor's safe custody for re-fixing as directed by Engineer - in -charge.		1No	
3	100.00	Rm	Labour charges for removing the existing GI/PVC/C.I./CPVC pipes upto 75mm dia with all available specials without any damage and the re-usable items to be handed over to deptl.store and the un-usable items handed over to disposal as directed.		1RM	
4	100.00	Rm	Labour charges for removing the existing GI/PVC/C.I./CPVC pipes above 75mm dia upto 150mm dia with all available specials without any damage and the re-usable items to be handed over to deptl.store and the un-usable items handed over to disposal as directed.		1RM	
5			Labour charges for removing the following dia existing wheel valve/Gate valve/ open stop cock etc. with all available specials without any damage and the re-usable items to be handed over to deptl.store and the un-usable items handed over to disposal as directed.			
a	10.00	Nos	15mm dia to 25mm dia		1No	
b	10.00	Nos	32mm dia to 65mm dia		1No	
6	11.00	Nos	Labour charges for removing the existing EWC with flush tank complete set including all available fittings and specials without any damage and the re-usable good condition items to be handed over to deptl.store and the un-usable damaged items handed over to disposal as directed.		1No	
7	11.00	Nos	Labour charges for removing the existing counter wash hand basin with all available fittings complete set without any damage and the re-usable good condition items to be handed over to deptl.store and the un-usable damaged items handed over to disposal as directed.		1No	
8	14.00	Nos	Labour charges for removing existing towel rod, mirror and soap tray including all available accessories complete set without any damage and the items to be re-fixed stored in contractor's safe custody and the remaining handed over to deptl.store as directed.		1No	
9	80.00	Nos	Labour charges for removing the existing brass/CP tap/Bottle trap/Angle cock/ Two way bib cock with health faucet including all available accessories complete set without any damage and the re-usable good condition items to be handed over to deptl.store and the un-usable damaged items handed over to disposal as directed.		1No	
10	8.00	Nos	Labour charges for removing the existing Urinal partition divider Board from walls and wherever necessary without any damage incl. clearing the debris away from site as directed.		1No	

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11	3.72	Rm	Labour charges for removing the existing SS Grab Rail from toilets and wherever necessary completely with all available accessories without any damage and the same to be stored in contractor's safe custody for re-fixing as directed by Engineer - in -charge.		1Rm	
12	334.51	M ²	Labour charges for chipping and removing the ceramic/ glazed tiles in CM from existing walls and floor including base plastering and clearing the debris away from site as directed.		1M ²	
13	1.00	M ³	Labour charges for removing the existing precast slab and wherever necessary without any damage incl. clearing the debris away from site as directed.(up to 40mm thick)		1M ³	
14	3.00	M ³	Labour charges for demolition of the existing brick walls in cement-mortar (Above /Below GL) and clearing the debris away from site as directed.		1M ³	
15	16.99	M ³	Labour charges for dismantling the existing brick jelly concrete in CM/LM from toilets and wherever necessary including clearing the debris away from site as directed.		1M ³	
16	10.00	M ²	Labour charges for chipping and removing the existing cement plastering from wall surface and wherever necessary including clearing the debris away from site as directed.		1M ²	
17	8.06	M ³	Labour charges for demolition of lean Cement Concrete manually/ by mechanical means from existing foundation and flooring completely including clearing the debris away from site within 50 metres lead as directed. For 1:4:8 or leaner mix		1M ³	
18	0.50	M ³	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.		1M ³	
19	5.00	M ²	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.		1M ²	
20	10.00	M ³	Earth work excavation for foundation and trenches in all kind of soil upto 1.50M depth incl. refilling the sides of foundation with selected excavated earth, watering, ramming and consolidation etc. complete.		1M ³	
21	5.67	M ³	Supplying and filling of M-sand for foundation and basement in layers of required thick including watering, ramming and consolidation etc. complete.		1M ³	
22	5.67	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		1M ³	
23	60.00	M ²	Providing Pre-construction anti-termite treatment for foundation and basement as per IS specifications to be executed by a reputed company approved by the dept. and backed with service guarantee of 10 years etc. complete.		1M ²	
24	5.18	M ³	Screed concrete PCC 1:3:6 using 3to8mm size HBG machine broken chips, M-Sand including cost of all materials ,mixing, laying,consolidation and curing etc., complete		1M ³	
25	200.00	Kgs	Supplying fabricating,placing and tying in position of steel reinforcement including cost of 18 gauge MS binding wire etc.complete.		1Kg	

Sl. No	Quantity		Description of the items	Rate	Unit	Amount
26	0.34	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. Thickness of precast slab shall be provided depends on the site condition as instructed by the Engineer-in-charge.		1M ³	
27	0.68	M ³	Brick wall in Cement-mortar 1:6,230mm and above thick using non-metric bricks of size 230x115x75mm (chamber burnt) including cost all materials and curing etc., complete. super structure up to Vth floor level		1M ³	
28	QRO	M ²	Brick wall in Cement - mortar 1:4 Partition wall using non-metric bricks of size 230x115x75mm (chamber burnt) of compressive strength 35 Kg/sqcm including cost of all materials, labour for placing 2nos-6mm dia MS rods at every 3rd course and curing etc. complete . (Excl. Cost of hoop reinforcement which will be supplied by dept. at free of cost)		1M ²	
29	8.10	M ²	Brick on edge work in CM 1:4 using non-metric bricks of size 230x115x75mm (chamber burnt) including cost of all materials and curing etc. complete for cupboard, working platform support walls.		1M ²	
30	17.33	M ²	Plastering with CM 1:5, 12mm thick over new surface of internal brick walls including cost of all materials , scaffolding and curing etc. complete.		1M ²	
31	218.77	M ²	Base Plastering / Plastering with CM 1:5, 20mm thick over chipped surface of existing brick walls including cost of all materials, scaffolding and curing etc. complete .		1M ²	
32	79.48	M ²	Water proofing toilet floor and skirting with Hyguard / approved equivalent polymer modified cementitious acrylic membrane 1mm thick per coat as specified by the manufacturer and backed with service guarantee of 5 years including cost of all materials , brushes etc. for 2 coats with base and top plastering with CM 1;3, 8mm thick and 12mm thick respectively in two successive layers including curing etc. complete.		1M ²	
33	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	
34	16.99	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	
35	64.52	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.400.00 /1M² -Excl GST)		1M ²	
36	231.81	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.400.00/1M², Excl GST)		1M ²	
37	4.20	M ²	Supplying and laying of Non skid vitrified/ceramic 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 Cementitious grout to matching colour, giving proper slope, cleaning and curing etc. complete for toilet floor (Basic rate of tile Rs. 600.00 /m², Excl GST)		1M ²	

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38	31.06	M ²	Providing and fixing Kota stone flooring with best quality Kota stone 18 to 20mm thick size of uniform colour and without pitting, laid in CM 1:3 and set with neat cement paste, grouting the joints with grey cement ,matching colour pigments and polishing with required tin oxide polishing to obtain a high gloss and finish for Floor. (Basic cost of Kota stone Rs.600.00/1M² -Excl.GST)		1M ²	
39			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.1,600.00 /1M² -Excl.GST).			
a	2.20	M ²	For floor strips and wherever necessary		1M ²	
b	6.55	M ²	For Table top		1M ²	
40	11.00	Nos	Extra for providing opening of required size & shape for wash basins in table tops and similar location in Granite work including necessary holes for providing pillar taps, rubbing and polishing of cut edges etc. complete.		1Nos	
41	2.16	M ²	Providing and fixing stone slab with table rubbed , edges rounded and polished,of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth. (Basic rate of granite Rs.1,600.00 /1M² -Excl.GST).		1M ²	
42	19.67	Rm	Providing full nosing to the exposed edges of granite slab in table top etc.complete.		1Rm	
43	15.41	Rm	Providing half nosing to the exposed edges of granite in table top etc.complete		1Rm	
44			Supply and Installing at site with the following dia PVC Pasted piping system laying above Ground level using Solvent Cement ISI Marked with necessary Heavy duty ISI Marked special fittings including cutting charges, cost of all materials etc., complete for internal pipe lines. Testing of the system for leakage and Air tightness . (Make: Supreme/ Finolex / or approved equivalent)			
a	30.00	Rm	50mm dia 6Kgs/CM2(incl. specials)		1Rm	
b	40.00	Rm	75mm dia 4Kgs/CM2(Excl. specials)		1Rm	
c	60.00	Rm	110mm dia 4Kgs/CM2(Excl. specials)		1Rm	
45			Supplying of SWR supreme make PVC specials of the following sizes and specifications etc. complete.			
a	10.00	Nos	110x75mm reducer		1No	
b	10.00	Nos	110mm dia single plain 'Y'		1No	
c	10.00	Nos	110mm dia door 'Tee'		1No	
d	10.00	Nos	110mm dia door bend		1No	
e	10.00	Nos	110mm dia 87.5 plain bend		1No	
f	10.00	Nos	110mm dia plain Tee		1No	
g	10.00	Nos	110mm dia coupler		1No	

Sl. No	Quantity		Description of the items	Rate	Unit	Amount
h	10.00	Nos	110mm dia 45 bend (shoe)		1No	
i	10.00	Nos	110mm dia end cap		1No	
j	10.00	Nos	110mm dia vent cowl		1No	
k	10.00	Nos	110 x 50mm bush		1No	
l	10.00	Nos	75mm dia single 'Y'		1No	
m	10.00	Nos	75mm dia plain Tee		1No	
n	10.00	Nos	75mm dia coupler		1No	
o	10.00	Nos	75mm dia door bend		1No	
p	10.00	Nos	75mm dia 87.5 plain bend		1No	
q	10.00	Nos	75mm dia door Tee		1No	
r	10.00	Nos	75mm dia end cap		1No	
s	10.00	Nos	75mm dia 45 bend		1No	
t	10.00	Nos	75mm dia vent cowl		1No	
u	10.00	Nos	110 x 75mm Bush		1No	
v	10.00	Nos	75 x 50mm bush		1No	
46			Supplying and fixing in position of concealed pipe line using following dia. Flow guard CPVC pipes code No- SDR - 13.5 - 22.5 Kgs/CM2 with necessary flow guard CPVC specials, brass lined specials at outlet points including cutting cost of cement solvent for jointing, fixing with necessary specials pressure testing the pipe line as per specifications, cost of all materials , chasing the brick walls, finishing the same with chickenmesh and cement plastering with CM1:5 and curing etc.. complete.			
a	150.00	Rm	20mm dia		1Rm	
b	250.00	Rm	25mm dia		1Rm	
47			Supply and Installing at site with the following dia PVC SWR Pasted pipe using Solvent Cement ISI Marked with necessary SWR PVC plumbing specials for external sewage line, waste water line and rain water down take lines including necessary scaffolding etc., complete but excluding cost of specials,MS brackets and Clamping with GI U Clamps as required for firmly installing the pipes which will be paid separately . Testing of the system for leakage and Air tightness(Make: Supreme/ Finolex / or approved equivalent)			
a	20.00	Rm	75mm dia - Type-B		1Rm	
b	30.00	Rm	110 mm dia -Type-B		1Rm	
48	25.00	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	
49			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	3.00	Nos	100 mm length		1No	

Sl. No	Quantity		Description of the items	Rate	Unit	Amount
b	3.00	Nos	230 mm length		1No	
50			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	3.00	M	15mm dia		1RM	
b	3.00	M	20mm dia		1RM	
c	3.00	M	25mm dia		1RM	
d	3.00	M	32mm dia		1RM	
51	11.00	Nos	Providing and fixing white vitreous china extended wall mounting water closet of size 665 x 360 x 725mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, including seat cover, and cistern fittings, nuts, bolts and gasket etc complete .		1No	
52	10.00	Nos	Supplying and fixing in position of Parryware white glazed oval type counter wash hand basin (CP Pillar) 550 x 450 x 200mm including cost of all fittings, such as inlet nylon connection, CP waste coupling, PVC waste pipe etc. complete.		1No	
53	1.00	No	Supplying and fixing in position of Parryware White glazed wash hand basin 550 x 400 x 200mm including all fittings such as brackets, 15mm dia CP pillar cock (plumber make),1st quality inlet nylon connection,CP waste coupling, PVC waste pipe etc., complete.		1No	
54	8.00	Nos	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 430 x 420 x 655mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.		1No	
55	10.00	Nos	Supplying and fixing in position of 15mm dia chrome copper Sensor Faucet - AC/DC sensor operated pillar cock including cost of all material and required specials etc., complete.		1No	
56	40.00	Nos	Supplying and fixing of 110mm dia Supreme make PVC multi floor trap with S.S. hinged type square /circular grating including cost of cement solvent for joining,cement mortar for fixing in position etc. complete.		1No	
57			Supplying and fixing in position of following types of bath room fittings of approved make(Jaguar make) including cost of all materials and required specials etc., complete.			
a	12.00	Nos	15mm dia CP Two way bib cock with health faucet		1No	
b	22.00	Nos	15mm dia CP Angle cock with CP wall flange for WHB & flush tank.		1No	
c	11.00	Nos	C.P. Bottle trap		1No	
d	3.00	Nos	20mm dia CP Concealed stop cock		1No	
58	9.00	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	
59	19.00	Nos	Supplying and fixing in position of Soap tray of approved make including cost all available fittings screws etc.. Complete.		1No	

Sl. No	Quantity		Description of the items	Rate	Unit	Amount
60			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	2.00	Nos	25mm dia		1No	
b	2.00	Nos	32mm dia		1No	
61	30.00	Nos	Grouting the pipe line with expansive non shrink grout CONBEXTRA GP2 incl. adding controlled amount of water to the dry powder, mixing and pouring into the gaps/ holes etc., after necessary leak free centering and shuttering works etc., complete		1No	
62	161.81	M ²	Painting one coat with Acrylic emulsion paint of approved make & colour over old painted surfaces of walls & ceilings including surface preparation with necessary putty, brush, cost of all materials etc. complete.		1M ²	
63	QRO	M ²	Painting two coats with Acrylic emulsion paint of approved make and colour over old / new 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	
64	6.00	Nos	Towards the labour charges for re-fixing of existing Mirror in position and providing minor repair works if any required to the mirror,fixing and finishing in all respects as instructed by the Engineer-in-charge etc., complete. (Required Mirrors will be supplied by the department at free of cost).		1No	
65	18.00	Nos	Towards the labour charges for re-fixing of existing door-shutter with existing door frames in position and providing minor repair works if any required to the shutter,fixing and finishing in all respects as instructed by the Engineer-in-charge etc., complete. (Required door shutters,furniture fittings if any required will be supplied by the department at free of cost)		1No	
66	4.00	Nos	Towards the labour charges for re-fixing of existing UCB frame and shutter in position and providing minor repair works if any required to the same both frame & shutter,fixing and finishing in all respects as instructed by the Engineer-in-charge etc., complete. (Required UCB frame with shutters,furniture fittings if any required will be supplied by the department at free of cost).		1No	
67	5.00	Rm	Towards the labour charges for re-fixing of existing SS Grab Rail In position and providing minor repair works if any required to the same,fixing and finishing in all respects as instructed by the Engineer-in-charge etc., complete. (Required SS grab rail and any fixing accessories such as screws, wooden plugs if any required will be supplied by the department at free of cost)		1Rm	
68	26.00	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	
69	3.00	Nos	Supplying and fixing in position of stainless steel pipe grab rail 25mm dia 18 gauge, 304 grade including cost of all materials, bending to required shape fixing, grouting with CM finishing in all respects etc. complete (total length 0.60m).		1No	

Sl. No	Quantity		Description of the items	Rate	Unit	Amount
70	15.00	Lorry loads	Transporting the debris/excavated earth by lorry from CMC, Bagayam campus to outside of the campus including loading and unloading charges etc. complete.(capacity 5.50 M ³ /per lorry load).		1 Lorry load	
			Sub- Total			
			Add CGST- 9%			
			Add SGST -9%			
			Total- Amount in Rs.		Incl.GST-18%	