

Name of work:-

**Renovation work of Hostel No. 2& 5 of MNIT Campus.**

**G-Schedule**

S.No	Qty	Items	Unit	Rate	Amount
1.00	22.00	Labour charges for removing W.C. pan (any type) of all sizes with care including all necessary fittings P or S trap. (S-1/1.9)	Nos	217.00	<b>4774</b>
2.00	22.00	Removing and re-fixing of wash hand basin including all necessary fittings. (S-1/1.33)	Nos	217.00	<b>4774</b>
3.00	22.00	Removing & Re fixing of P.V.C. Cistern fittings (Syphon, Ball cock & Handle Set) complete as per direction of Enginner-in-Charge(S-1/1.67)	Nos	341.00	<b>7502</b>
4.00	770.00	Dismantling tile work in floors and roofs laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meter lead: For thickness of tiles 10mm to 25mm. (B-14/14.23.1)	Sqm	18.00	<b>13860</b>
5.00	330.00	Dismantling CI pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into block, including stacking of pipes lead at site within 50 meter, of dia Up to 150mm dia. (B-14/14.44.1)	Mtr	95.00	<b>31350</b>
6.00	440.00	Dismantling GI pipes (external work) including excavation and refilling trenches after taking out the pipes and including stacking of pipes within 50 meter lead 15mm to 40mm nominal bore. (B-14/14.43.1)	Mtr	36.00	<b>15840</b>
7.00	55.00	Making of hole (width up to 150 mm) in R.C.C. slab/wall/beams by power driven drilling machine complete as per direction of EI above 150 mm thick (B-14/14.58.2)	Nos	234.00	<b>12870</b>
8.00	50.00	Demolishing cement concrete manually/by mechanical means including disposal of material within 50 meters lead as per direction of Engineer-in-charge. 1: 3: 6 or richer mix. (B-14/14.2.1)	Cum	552.00	<b>27600</b>
9.00	29.00	Grading roof for water proofing treatment with water proofing compound Cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) (B-10/10.17.1)	Cum	4075.00	<b>118175</b>
10.00	312.00	Providing and laying water proofing treatment in sunken portion of WC's, bathroom etc. by applying cement slurry mixed with water proofing cement compound consisting of applying (i) First layer of slurry of cement @ 0.488 Kg/Sqm mixed with water proofing cement compound @ 0.253 Kg/Sqm The layer will be allowed to air cure for 4 hours (ii) Second layer of slurry of cement @ 0.242 Kg/Sqm mixed with water proofing cement compound @ 0.126 Kg/Sqm This layer will be allowed to air cure for 4 hours followed by water curing for 48 hours. The rates includes preparation of surface treatment & sealing of all joints, corners, junctions with polymer mixed slurry. (B-15/15.3)	Sqm	250.00	<b>78000</b>
11.00	312.00	Finishing with neat cement (punning). (B-12/12.7)	Sqm	32.00	<b>9984</b>
12.00	330.00	Providing & fixing Spun –Centrifugally cast Iron Pipes (IS : 3989 Mark ) of Approved make in wall or in floor with M.S. Holder bat clamps in 10 X 10 X10 Cm. M-15 Grade concrete blocks, joints filled with CM 1:4 with spun yarn including cutting holes and making good the wall:- 100 mm dia (S-3/3.40.2)	Mtr	1181.00	<b>389730</b>
13.00		Providing & fixing Spun –Centrifugally cast Iron Pipes fitting (IS : 3989 Mark ) in CM 1:4 with spun Yarn. 100 mm without door (S-3/3.41.2)			
14.01	110.00	Socket	Nos	429.00	<b>47190</b>
14.02	22.00	Bend	Nos	541.00	<b>11902</b>
14.03	22.00	Tee	Nos	740.00	<b>16280</b>
14.04	10.00	Cowel	Nos	445.00	<b>4450</b>
14.05	22.00	Offset	Nos	668.00	<b>14696</b>
15.00		Providing & fixing Spun –Centrifugally cast Iron Pipes fitting (IS : 3989 Mark ) in CM 1:4 with spun Yarn. 100mm with door (S-3/3.41.5)			
15.01	22.00	Tee	Nos	817.00	<b>17974</b>

16.00	77.00	Providing and Fixing Spun –Cast Iron floor trap (Nahani) of (IS :3989 Mark ) approved quality / make with socket down or hinged grating including cutting and making good the floor :- Size 100 x 100 mm (S-3/3.42.1)	Nos	826.00	<b>63602</b>
17.00	22.00	Providing & fixing Spun –Centrifugally cast Iron Pipes fitting (IS : 3989 Mark ) in CM 1:4 with spun Yarn 100mm w/o door as per direction of Engineer-in-Charge Long P Trap (900mm).(S-3/3.46.b)	Nos	2450.00	<b>53900</b>
18.00	240.00	Add extra for <i>Lead caulked joints</i> (IS:782-1978) in sand cast iron pipes/spun-100mm dia, 0.98 Kg. Pig lead(S-3/3.10.2)	Nos	317.00	<b>76080</b>
19.00	77.00	Construction of Cement Concrete Chamber 125mm dia on depressed floor upto 45cm height from floor with C.P. Brass grating (S-3/3.39.1)	Nos	179.00	<b>13783</b>
20.00		P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:			
20.01	220.00	Concealed pipe in wall including painting with anticorrosive bitumen paint 25 mm dia nominal bore 'B' Class (S-2/2.1.3)	Mtr	284.00	<b>62480</b>
20.02	220.00	Concealed pipe in wall including painting with anticorrosive bitumen paint 15 mm dia nominal bore 'B' Class (S-2/2.1.9)	Mtr	191.00	<b>42020</b>
21.00	22.00	Making connection of G.I. distribution branch with G.I. main including all fitting. Upto 25mm dia (S-2/2.3.1)	Nos	241.00	<b>5302</b>
22.00		Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :			
22.01	22.00	15mm dia nominal bore (S-2/2.32.1)	Nos	92.00	<b>2024</b>
22.02	22.00	25mm dia nominal bore (S-2/2.32.3)	Nos	149.00	<b>3278</b>
23.00		P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :			
23.01	11.00	Gun-metal 15mm nominal bore. (S-2/2.15.1)	Nos	206.00	<b>2266</b>
23.02	22.00	Gun-metal 25mm nominal bore. (S-2/2.15.3)	Nos	481.00	<b>10582</b>
24.00	33.00	Providing Laying & jointing glazed S.W. pipes grade `A` (IS:651 marked) of approved make with spun yarn & stiff mixture of cement mortar 1:1, excavation & refilling of earth in all types of soil upto 1.2m depth, S.W. fittings, including testing of joints etc, complete. 150mm dia (S-3/3.1.2)	Mtr	369.00	<b>12177</b>
25.00	33.00	Providing & Laying C.C. 1:5:10 (Stone aggregate 40mm nominal size) all around S.W. pipe including 15 Cm. thick bed concrete (Width W= Diameter of pipe in Cm+30 Cm.)( Excluding cost of pipe) 150mm dia S.W. pipe (S-3/3.2.2)	Mtr	500.00	<b>16500</b>
26.00	22.00	P & F Square-mouth gully trap `A` grade (IS :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type. Trap size 150 X 100mm, 7.2 Kg. C.I. cover with frame, Internal Chamber size 300 X 300mm. (S-3/3.5.2)	Nos	1390.00	<b>30580</b>
27.00	22.00	Labour charges for making connection of sewer line through main hole. (S-3/3.14)	Nos	590.00	<b>12980</b>
28.00	8.00	Construction of manhole in all type of soil inner size 90 X 60 Cm. 450 mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5 10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring. Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead. Depth up to 0.5 M (S-3/3.19.1)	Nos	4536.00	<b>36288</b>
29.00	11.00	Construction of chamber in all type of soil with 300 mm thick masonry in CM 1:6 m 10 cm thick C.C. 1:5:10 in foundation, 20mm thick insider plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr. Inside size 600 x 450mm depth upto 0.5 M Cement cover with frame. (S-3/3.21.3)	Nos	2499.00	<b>27489</b>
30.00	220.00	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :	Mtr	101.00	<b>22220</b>

31.00	990.00	Plaster on new surface on walls in cement sand mortar 1:4 including racking of joints etc. complete fine finish 25mm thick (B-12/12.2.1)	Sqm	180.00	<b>178200</b>
32.00	220.00	Cement concrete flooring 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry making of lines or groove etc. complete but excluding the cost of nosing of steps etc. complete 75mm thick with 20mm thick nominal size aggregate (B-11/11.3.2)	Sqm	397.00	<b>87340</b>
33.00	550.00	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles conforming to IS : 13753 and IS 15622 of size 200mm x 300 mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on wall and pillar) Extra for using Marble printed/Granite shade or dark shade tiles instead of White, Grey, Ivory, fume, Red brown, light green, light blue and other shades in glazed tiles and MAT finished tiles. Extra for using size above 200x300mm in glazed tiles and for using 400mmx400mm MAT finished tile in place of 300x300mm size (S-1/1.61+1.63+1.64)	Sqm	735.60	<b>404580</b>
34.00	220.00	Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4 ) Extra for using Marble printed/Granite shade or dark shade tiles instead of White, Grey, Ivory, fume, Red brown, light green, light blue and other shades in glazed tiles and MAT finished tiles. Extra for using size above 200x300mm in glazed tiles and for using 400mmx400mm MAT finished tile in place of 300x300mm size (S-1/1.62+1.63+1.64)	Sqm	816.00	<b>179520</b>
35.00	11.00	P & F 1st quality WVC Urinal (IS:2556 mark) with 25mm dia G.I. waste pipe, dome waste couplings, concealed iron brackets or screws etc complete Flat Back (large) or half stall size 610x400x80mm.	Nos	3372.00	<b>37092</b>
36.00	11.00	Labour charges for removing and refixing of urinals (all type & sizes) including all necessary fittings. (S-1/1.19)	Nos	308.00	<b>3388</b>
37.00	11.00	P&F C.P. brass Urinal spreader for large Urinal of heavy duty of approved make as per direction of Engineer-in-charge. (S-1/1.66)	Nos	561.00	<b>6171</b>
38.00	11.00	P & F Jet spray for water closet with C.P. Copper Tube flange of approved make. (S-1/1.59)	Nos	266.00	<b>2926</b>
39.00	22.00	Providing & Fixing premium quality WVC Wash basin with C.I. brackets duly painted & 32 mm C.P. brass waste coupling of approved make with PVC waste pipe complete Size 550 mm x 400 mm dia for counter top.	Nos	3065.00	<b>67430</b>
40.00	33.00	P & F Bevelled edge Mirror/mirror with teak wood lipping around of special glass of approved make as per direction of Engineer-in-charge complete with 6mm thick commercial ply base fixed to wooden screws & washers Other sizes	Sqm	1075.00	<b>35475</b>
41.00	22.00	Providing and fixing Superior quality CP Brass fittings of approved make as per direction of Engineer-in-charge	Nos	1067.00	<b>23474</b>
42.00	44.00	Providing and fixing Superior quality CP Brass fittings of approved make as per direction of Engineer-in-charge Concealed stop cock 15 mm nominal size	Nos	1056.00	<b>46464</b>
43.00	22.00	P & F Shower arm 15mm dia of approved quality/make. size 370mm.	Nos	253.00	<b>5566</b>
44.00	22.00	P & F Bath Shower of approved quality/make C.P. brass of Heavy & superior quality 150mm.	Nos	253.00	<b>5566</b>
45.00	11.00	P & F Towel Rail or Ring of approved quality/make C.P. brass Towel Rail elbow type with concealed screws size 450mm (Heavy duty).	Nos	340.00	<b>3740</b>
46.00	22.00	P & F Towel Rail or Ring of approved quality/make C.P. Brass Towel Ring revolving type	Nos	185.00	<b>4070</b>
47.00	77.00	P & F Grating of approved quality/make Stainless Steel Sheet size 125mm dia. Heavy Quality of approved make (S-1/1.48.2)	Nos	70.00	<b>5390</b>

48.00	22.00	P & F Soap Dish or Tray of approved quality/make C.P. brass heavy and superior quality.	Nos	105.00	<b>2310</b>
49.00	22.00	P & F C.P. Health Faucet with 1Mtr. Long Tube & Hook of approved make and heavy as per direction of Engineer-in-Charge	Nos	550.00	<b>12100</b>
50.00	11.00	Providing & Fixing premium quality waste coupling 32mm half thread as per approved by Engineer in Charge.	Nos	123.00	<b>1353</b>
51.00	22.00	C.P. Pillar cock, Swan-neck with casted spout, 15mm nominal bore.	Nos	1133.00	<b>24926</b>
52.00	22.00	Providing and fixing Superior quality CP Brass fittings of approved make as per direction of Engineer-in-charge Bib Cock with long thread 15 mm nominal size (S-2/2.33.3)	Nos	748.00	<b>16456</b>
53.00	88.00	Providing and fixing Superior quality CP Brass fittings of approved make as per direction of Engineer-in-charge Angular stop cock with long thread 15 mm nominal size	Nos	693.00	<b>60984</b>
54.00	990.00	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	sqm	14.00	<b>13860</b>
55.00	132.00	P & F Extension Pipe for bib cocks of approved quality/make, C.P. brass of Heavy & Superior quality 100x15mm (S-1/1.56.2)	Nos	94.00	<b>12408</b>
56.00	132.00	Providing & fixing C.P.flange for 15mm dia taps. (S-1/1.60)	Nos	12.00	<b>1584</b>
57.00	66.00	P & F 15 mm. Dia Connection Pipe of approved quality/make CP Brass Pipe with CP Brass nuts upto length 600mm. (S-2/2.13.8)	Nos	160.00	<b>10560</b>
58.00	200.00	Carriage of Building Rubbish Stone Metal, Grit and Ballast etc. including loading and unloading complete with all lead (G-4/4.2.)	Cum	201.00	<b>40200</b>
59.00	11.00	P & F European type white glazed vitreous china 1st quality Double syphonic W.C (IS :2556 Mark) with P or S trap including cutting and making good the wall and floor	Nos	4109.00	<b>45199</b>
60.00	11.00	P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor: Size 580x440mm.	Nos	2067.00	<b>22737</b>
61.00	22.00	P & F Low level Flushing Cistern of 10 litres capacity (IS : 2556mark). Of approved make with complete fittings C.I. brackets duly painted, brass ball cock with ball, (IS: 1703 mark) complete including cutting and making good the wall PVC with PVC bend and superior internal fittings	Nos	1246.00	<b>27412</b>
62.00	11.00	P & F water closet Seat Covers with brass hinges complete Solid PVC (IS 2548 marked) grade-I White for EWC.	Nos	353.00	<b>3883</b>
63.0	150.00	Demolishing mud phuska/ Lime dhar/ Kharanja in terracing and disposal of unserviceable material within 50 meters lead.	cum	247.00	<b>37050</b>
64.0	110.00	Filling of sunk portion of roof with earthen pots of required height including filling voids with 1:3:6 light concrete, using brick bats complete levelling and dressing the surface by 50mm thick cement concrete 1:2:4 as per specification.	cum	1538.00	<b>169180</b>
					<b>2919096.00</b>
<b>Total</b>					<b>2919096.00</b>

**EXECUTIVE ENGINEER  
ESTATE SECTION MNIT  
JAIPUR**

I/We hereby agree to execute the work @ .....% Above/Below of Schedule 'G'

**SIGNATURE OF THE CONTRACTOR WITH FULL POSTAL ADDRESS**