

NIT G-Schedule - Minor Original Work of Patch Plaster, Providing and Fixing Door , Putty, Internal Paint , Exterior Paint, Aluminium Work and other Miscellaneous At Model Higher Secondary School Jaisinghnagar Distt. Shahdol (M.P.)										
BOYS HOSTEL BUILDING NIT										
				NIT G-Schedule			CIVIL WORK		63.85	
							ELE. WORK		8.35	
							P.A.C		72.20	LAKH
S.	SOR	Particulars of Item	No.	L.	B.	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
1	14.1	Repairs to plaster of thickness 12mm to 20mm in patches of area 2.5 sq. metres and under including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete including disposal of rubbish to the dum								
		14.1.1 With cement mortar 1:4 (1 cement : 4 sand)								
						<b>Total</b>	<b>1457.71</b>	<b>Sqm</b>	<b>180.00</b>	<b>262387.00</b>
2	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete :								
	9.65.2	250 x 16 mm				<b>Total</b>	<b>18.00</b>	<b>Each</b>	<b>326.00</b>	<b>5868.00</b>
	9.65.1	300 x 16 mm				<b>Total</b>	<b>22.00</b>	<b>Each</b>	<b>389.00</b>	<b>8558.00</b>
3	9.66	Providing and fixing ISI marked stainless steel tower bolt finish, (Barrel type) with necessary screws etc. complete :								
	9.66.1	250 x 10 mm				<b>Total</b>	<b>22.00</b>	<b>Each</b>	<b>148.00</b>	<b>3256.00</b>
4	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete :								
	9.69.1	125 mm				<b>Total</b>	<b>30.00</b>	<b>Each</b>	<b>60.00</b>	<b>1800.00</b>
5	9.109	Providing and fixing aluminium sliding door bolts ISI marked anodised transparent or dyed to required colour and shade with nuts and screws etc. complete.								
	9.109.2	250 x 16 mm				<b>Total</b>	<b>18.00</b>	<b>Each</b>	<b>195.00</b>	<b>3510.00</b>
6	9.110	Providing and fixing aluminium tower bolts ISI marked anodised transparent or dyed to required colour and shade with necessary screws etc. complete.								
	9.110.4	150 x 10 mm				<b>Total</b>	<b>18.00</b>	<b>Each</b>	<b>69.00</b>	<b>1242.00</b>
7	9.113	Providing and fixing aluminium handles ISI marked anodised transparent or dyed to required colour or shade with necessary screws etc. complete.								
	9.113.1	125 mm				<b>Total</b>	<b>18.00</b>	<b>Each</b>	<b>75.00</b>	<b>1350.00</b>
8	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :								
		300x20x6 mm				<b>Total</b>	<b>10.00</b>	<b>Each</b>	<b>211.00</b>	<b>2110.00</b>
9	9.74	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :								
		125x64x2.50 mm				<b>Total</b>	<b>30.00</b>	<b>Each</b>	<b>76.00</b>	<b>2280.00</b>
10	2.30	Diluting and injecting chemical emulsion for POST CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) : 2.30.2 Drilling plugging holes along existing external wall Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes etc. With Chlorpyrifos/ Lindane E.C. 20% with 1% concentration								
						<b>Total</b>	<b>935.65</b>	<b>metre</b>	<b>42.00</b>	<b>39297.00</b>
11	14.27	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.								

S.	SOR	Particulars of Item	No.	L.	B.	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
						<b>Total</b>	<b>6150.31</b>	<b>Sqm</b>	<b>5.00</b>	<b>30752.00</b>
12	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete. Note : Putty shall be applied only on the internal walls, for application on the exterior walls prior permission of APD/Chief Engineer will be required.								
						<b>Total</b>	<b>4352.56</b>	<b>Sqm</b>	<b>74.00</b>	<b>322089.00</b>
13	13.45	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 grams/ltr of approve manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coat on new work								
						<b>Total</b>	<b>4352.56</b>	<b>Sqm</b>	<b>75.00</b>	<b>326442.00</b>
14	14.51	Finishing walls with Acrylic Smooth exterior paint of required shade :								
		1.67 ltr/ 10 sqm Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface								
						<b>Total</b>	<b>1797.75</b>	<b>Sqm</b>	<b>87.00</b>	<b>156404.00</b>
15	14.53	Finishing walls with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers								
		On steel								
		Painting Steel work with Deluxe Multi Surface Paint to give an even shade. One or more coat applied @0.70 ltr/10 sqm.								
						<b>Total</b>	<b>284.74</b>	<b>Sqm</b>	<b>52.00</b>	<b>14806.00</b>
16	14.5	14.5 Renewing Float glass panes with putty Renewing glass panes, with putty nails wherever necessary including racking out								
		14.5.1 4.0mm Float glass panes of thickness 4 mm								
						<b>Total</b>	<b>34.00</b>	<b>Sqm</b>	<b>679.00</b>	<b>23086.00</b>
17	15.14	Dismantling doors, windows, shutter including chowkhats.								
		Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :								
		Of area 3 sq. metres and								
						<b>Total</b>	<b>104.940</b>	<b>Each</b>	<b>85.00</b>	<b>8920.00</b>
18	15.15	Taking out doors, windows shutters Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead:								
		15.15.1 Area up to 3.0 sq.m. Of area 3 sq. metres and below.								
						<b>Total</b>	<b>179.800</b>	<b>SQM</b>	<b>33.00</b>	<b>5933.00</b>
19	21.1.1.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top,bottom and sides with required								
						<b>Total</b>	<b>232.15</b>	<b>KG</b>	<b>416.00</b>	<b>96576.00</b>

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1	2	3	4	5	6	7	8	9	10	11
20	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15)								
						<b>Total</b>	<b>107.84</b>	<b>KG</b>	<b>484.00</b>	<b>52192.00</b>
21	21.30	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) : 21.3.1 4.0 mm With float glass panes of 4.0 mm thickness (weight not less than 10								
						<b>Total</b>	<b>82.50</b>	<b>SQM</b>	<b>774.00</b>	<b>63855.00</b>
22	2.27.2	Supplying and filling in plinth with soil (other than BC soil ) having MDD not less than 1.85 t/m3 under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 15cm depth and dressing								
						<b>Total</b>	<b>50.00</b>	<b>CUM</b>	<b>331.00</b>	<b>16550.00</b>
23	2.27.1	With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm)								
						<b>Total</b>	<b>62.50</b>	<b>CUM</b>	<b>393.00</b>	<b>24563.00</b>
24	2.26.1	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming and compacting in layers not exceeding 20cm in depth and dressing complete Note: - Maximum thickness of this layer shall be 20 cm. 2.27 Under floor filling Supplying and filling in plinth under								
						<b>Total</b>	<b>50.00</b>	<b>CUM</b>	<b>672.00</b>	<b>33600.00</b>
25	11.66	Providing and laying factory made machine pressed precast cement concrete interlocking paver block of any shape and size conforming to IS:15658- 2006 and ISI marked of 60 mm thickness, M-30 grade with grey cement and pigment all as specified. Made by block making machine with strong vibratory compaction, laid in required colour and pattern over and including 50mm								
						<b>Total</b>	<b>250.00</b>	<b>SQM</b>	<b>586.00</b>	<b>146500.00</b>
26	10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x5mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.								
						<b>Total</b>	<b>2.52</b>	<b>Sqm</b>	<b>2604.00</b>	<b>6562.00</b>

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1	2	3	4	5	6	7	8	9	10	11
27	10.13	Providing and fixing M.S. Tubular frames and shutters or frames only or shutteronly for doors, windows, ventilators and cupboard with any sections, made of 1.60 mm or 1.25 mm thick M.S. Sheet, joints mitred, welded and grinded finish, with profiles of required size as per drawing, including fixing of necessary butt hinges, stays and screws and applying a priming coat of approved steel primer excluding cost of all fittings such as handles, tower bolts, sliding door bolts, latches etc. and panels. 10.13.1 Fixing with cement concrete block Fixing with 15x3 mm lugs 10 cm. long embedded in cement concrete block 15x10x10 cm of Cement Concrete 1:3:6 (1 Cement : 3 sand : 6 graded stone aggregate 20 mm nominal size).								
		10.13.1 Fixing with cement concrete block Fixing with 15x3 mm lugs 10 cm. long embedded in cement concrete block 15x10x10 cm of Cement Concrete 1:3:6 (1 Cement : 3 sand : 6 graded stone aggregate 20 mm nominal size).								
						<b>Total</b>	<b>639.90</b>	<b>KG</b>	<b>116.20</b>	<b>74356.00</b>
28	9.169	Providing and fixing factory made single extruded WPC(Wood Polymer Composite) solid door/window/ceosetory windows and other frames/chowkhat comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (woodpowder/ rice .husk/wheat husk) and non toxic additives (maximum toxicity indexof 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed S.S. screws having minimum density of 750 kg/m3 and screw withdrawal strength of 2200 N (Face) &								
						<b>Total</b>	<b>1610.90</b>	<b>RM</b>	<b>720.00</b>	<b>1159848.00</b>
29	9.170	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice .husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-InCharge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately) 24 mm thick WPC (Wood								
						<b>Total</b>	<b>122.01</b>	<b>SQM</b>	<b>2250.00</b>	<b>274523.00</b>
30	15.11	Dismantling tile/ kota /marble/ Granite work Dismantling tile/ Kota stone/ Marble / Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead. 15.11.1 Upto 25mm thick For thickness of tiles 10 mm to 25 mm.								
						<b>Total</b>	<b>214.50</b>	<b>SQM</b>	<b>17.00</b>	<b>3647.00</b>
31	11.36	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 sand) 25 mm thick.(Area of slab to be over 0.25 sqm)								
						<b>Total</b>	<b>214.50</b>	<b>SQM</b>	<b>1174.00</b>	<b>251823.00</b>

S.	SOR	Particulars of Item	No.	L.	B.	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
32	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. 9.43.1 Fixed to steel windows Fixed to steel windows by welding.								
						<b>Total</b>	<b>420.00</b>	<b>SQM</b>	<b>119.00</b>	<b>49980.00</b>
33	10.26.2	10.26.2 Providing and fixing fly proof wire gauze to windows, clerestory windows and doors with M.S. Flat 15x3mm and nuts and bolts complete. 10.26.2 Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.								
						<b>Total</b>	<b>148.50</b>	<b>SQM</b>	<b>1334.00</b>	<b>198099.00</b>
34	9.73.3	9.73.3 Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete : 75x47x1.80 mm								
						<b>Total</b>	<b>20.00</b>	<b>nos</b>	<b>39.00</b>	<b>780.00</b>
35	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutter. 9.18.2 30 mm butt hinges 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.								
						<b>Total</b>	<b>135.99</b>	<b>SQM</b>	<b>2648.00</b>	<b>360102.00</b>
36	11.53	11.53 Providing and laying Antiskid endura floor tiles of any sizes, 12 mm thickness with water absorption's less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 sand) including grouting the joints with white cement with matching pigments etc., complete.								
						<b>Total</b>	<b>26.25</b>	<b>SQM</b>	<b>880.00</b>	<b>23100.00</b>
		<b>Water Supply and Sanitary work</b>								
37	15.2	Demolishing cement concrete manually/by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in- Charge.Nominal concrete 1:3:6 or richer								
						<b>Total</b>	<b>0.800</b>	<b>cum</b>	<b>578.00</b>	<b>462.00</b>
38	15.48	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the								
						<b>Total</b>	<b>75.600</b>	<b>sqm</b>	<b>13.00</b>	<b>983.00</b>
39	15.50	Dismantling of old S.W. pipes including breaking of joints and bed concrete stacking of useful materials near the site within 50 m lead and disposal of unserviceable materials into municipal dumps:								
		100 mm diameter				<b>Total</b>	<b>80.000</b>	<b>RM</b>	<b>21.00</b>	<b>1680.00</b>
40	15.45	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking o useful materials near the site and disposal of unserviceable materials within 50 metres lead.								
						<b>Total</b>	<b>10.000</b>	<b>Each</b>	<b>223.00</b>	<b>2230.00</b>
41	15.43	Taking out C.I. cover with frame from R.C.C. top slab of inspection chambers of various sizes including demolishing of R.C.C. work manually/ by mechanical means and stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead as per direction of Engineer-in-Charge.								
						<b>Total</b>	<b>20.000</b>	<b>Each</b>	<b>103.00</b>	<b>2060.00</b>
42	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or S trap, UPVC P or S trap, 10 litre low level white .the walls and floors wherever required :								

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1	2	3	4	5	6	7	8	9	10	11
		White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.				<b>Total</b>	<b>22.000</b>	Each	<b>2995.00</b>	<b>65890.00</b>
<b>43</b>	<b>17.3</b>	Providing and fixing white vitreous china pedestal type water closet(European type) with seat and lid, 10 litre low level white vitreous china flushing cistern and C.P. flush bend with fittings and C.I.brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved								
		W.C. pan with ISI marked white solid plastic seat and lid.				<b>Total</b>	<b>2.000</b>	Each	<b>4613.00</b>	<b>9226.00</b>
<b>44</b>	<b>17.11</b>	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps,32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require								
		White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.				<b>Total</b>	<b>26.000</b>	Each	<b>2460.00</b>	<b>63960.00</b>
<b>45</b>	<b>17.35</b>	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.					116.00			
		150 mm diaSand cast iron				<b>Total</b>	<b>10.000</b>	Each	<b>400.00</b>	<b>4000.00</b>
<b>46</b>	<b>17.59</b>	Providing and fixing unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
		Coupler								
		75 mm				<b>Total</b>	<b>35.000</b>	Each	<b>117.00</b>	<b>4095.00</b>
		110 mm				<b>Total</b>	<b>40.000</b>	Each	<b>154.00</b>	<b>6160.00</b>
<b>47</b>	<b>17.64</b>	P.V.C. waste pipe for sink or wash basin								
		Providing and fixing P.V.C.								
		32 mm dia				<b>Total</b>	<b>12.000</b>	Each	<b>87.00</b>	<b>1044.00</b>
		40 mm dia				<b>Total</b>	<b>12.000</b>	Each	<b>98.00</b>	<b>1176.00</b>
<b>48</b>	<b>17.78</b>	Providing and fixing C.P. brass grating of approved quality and make conforming to IS: specification.								
		100 mm dia.				<b>Total</b>	<b>60.000</b>	Each	<b>74.00</b>	<b>4440.00</b>
<b>49</b>	<b>4.1</b>	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :								
		With 20mm nominal size								
						<b>Total</b>	<b>3.050</b>	cum	<b>4471.00</b>	<b>13637.00</b>
<b>50</b>	<b>13.2</b>	15 mm cement plaster on the rough side of single or half brick wall of mix								
		1:4 (1 cement : 4 sand)								
						<b>Total</b>	<b>369.600</b>	sqm	<b>168.00</b>	<b>62093.00</b>
<b>51</b>	<b>11.50</b>	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality .....when mortar is still green jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments								
						<b>Total</b>	<b>352.800</b>	sqm	<b>776.00</b>	<b>273773.00</b>
<b>52</b>	<b>11.49</b>	Providing and laying Ceramic glazed floor tiles 300x300 mm or more (having t.....Cement : 4 sand) including pointing the joints with white cement and matching pigment etc., complete.								
						<b>Total</b>	<b>130.00</b>	sqm	<b>670.00</b>	<b>87100.00</b>

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1	2	3	4	5	6	7	8	9	10	11
53	19.6	Providing and laying cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size) up to haunches of PVC. Pipes including bed concrete as per standard design :								
		110 mm diameter PVC.				Total	75.000	RM	274.00	20550.00
54	19.5	Providing and laying cement concrete 1:3:6 (1 cement: 3 sand: 6 graded stone aggregate 20 mm nominal size) all-round PVC. pipes including bed concrete as per standard design:								
		110 mm diameter PVC.				Total	55.000	RM	576.00	31680.00
55	19.9.1.1	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 sand ) R.C.C. top ..... sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design								
		Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :								
		Well burnt bricks				Total	12.00	Each	7997.00	95964.00
56	17.58	Providing and fixing unplasticised Rigid PVC soil and waste pipes conforming to IS: 13592 Type .....socketed pipes for working pressure of 4 kg/sqcm. (minimum wall thickness 3.2mm)								
		75 mm diameter				Total	110.00	RM	136.00	14960.00
		110 mm diameter				Total	175.00	RM	238.00	41650.00
57	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot at, trenching, refilling and testing of joints complete as per direction of Engineer-in- Charge.								
		15 mm nominal outer dia				Total	145.00	RM	122.00	17690.00
		25 mm nominal outer dia				Total	45.00	RM	185.00	8325.00
		32 mm nominal outer dia				Total	75.00	RM	238.00	17850.00
58	18.30	Providing and fixing brass stop cock of approved quality :								
		15 mm nominal bore				Total	35.00	Each	318.00	11130.00
59	18.35	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:893115 mm nominal bore				Total	10.00	Each	714.00	7140.00
60	18.44	Providing and fixing PTMT bib cock of approved quality and colour 15mm nominal bore.								
		122 mm long weighing not less than 99 gm				Total	50.00	Each	208.00	10400.00
61	18.62	Providing and fixing ferro- cement water storage tank with cover, having minimum thickness of 10mm. The wall to be reinforced with two layers of double galvanized annealed square woven wire mesh of 20 gauge wire spaced at 15mm for 300 litre capacity and 12mm for 450 to 2500 litres capacity finish with 3 layers of Cement mortar 1:2 duly modified with polymer based plastizers and hardening chemicals (Burogrout and Buroseal) The tank should conform to the specification prescribed by Structural Engineering Research Centre Roorkee/Ghaziabad. The tanks to be painted with drinking water paint inside and aluminium paint out side with provision of outlet, inlet, overflow and cleaning including hoisting and placing in position upto floor two level or 5								
						Total	6000.00	LITRE	7.00	42000.00

S.	SOR	Particulars of Item	No.	L.	B.	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
62	17.27	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm or 340x410x265mm sizes respectively.								
						<b>Total</b>	<b>8.00</b>	<b>NOS</b>	<b>2243.00</b>	<b>17944.00</b>
63	17.11	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : 17.11.12 Oval shape wash basin over counter/under counter with 15 mm C.P brass pillar tap (Counter to be paid sepraty)								
						<b>Total</b>	<b>6.00</b>	<b>NOS</b>	<b>2948.00</b>	<b>17688.00</b>
64	18.44	18.44.1 Providing and fixing PTMT bib cock of approved quality and colour. 15mm nominal bore, 86 mm long. Weighing not less than 88 gms.								
						<b>Total</b>	<b>45.00</b>	<b>NOS</b>	<b>173.00</b>	<b>7785.00</b>
65	17.71	17.71 Providing and fixing CP brass waste coupling of approved quality and make for sink and wash basin. 17.71.1Waste coupling 38mm of 83mm length and 77mm breadth								
						<b>Total</b>	<b>10.00</b>	<b>NOS</b>	<b>330.00</b>	<b>3300.00</b>
66	18.53	18.53.1 Providing and fixing PTMT extension nipple for water tank pipe, fittings of approved quality and colour. 18.53.1 15 mm nominal bore. Weighing not less than 32 gms.								
						<b>Total</b>	<b>95.00</b>	<b>NOS</b>	<b>59.00</b>	<b>5605.00</b>
67	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor two level in : 6.7.1 50 kg / cm <sup>2</sup> Having 50 kg / cm <sup>2</sup> average compressive strength. 6.7.1.1 CM 1:4 ) Cement mortar 1:6 (1 cement : 6 sand)								
						<b>Total</b>	<b>31.10</b>	<b>CUM</b>	<b>4936.00</b>	<b>153490.00</b>
68	13.1	12 mm cement plaster 12 mm cement plaster of mix : 1:6 (1 cement : 6 sand)								
		<b>bathroom</b>								
						<b>Total</b>	<b>62.19</b>	<b>SQM</b>	<b>160.00</b>	<b>9951.00</b>
69	19.30	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design. 19.30.1 Well burnt bricks With well burnt bricks								
						<b>Total</b>	<b>2.00</b>	<b>Each</b>	<b>20609.00</b>	<b>41218.00</b>
70	15.2	Demolishing cement concrete Demolishing cement concrete manually/by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-Charge.15.2.1 1:3:6 or richer Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).								
						<b>Total</b>	<b>53.41</b>	<b>CUM</b>	<b>578.00</b>	<b>30872.00</b>

S.	SOR	Particulars of Item	No.	L.	B.	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
71	22.6	Water proofing treatment Fibre glass cloth and cement slurry Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) After surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. b) Laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and								
						<b>Total</b>	<b>890.21</b>	<b>SQM</b>	<b>338.00</b>	<b>300891.00</b>
72	22.14	Roof grading Grading roof for receiving water proofing treatment with 22.14.1 C.C. 1:2:4 Cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size)								
						<b>Total</b>	<b>57.86</b>	<b>CUM</b>	<b>6569.00</b>	<b>380106.00</b>
73	22.3	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of : 4 1st course of applying cement slurry @ 4.4 Kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. 5 2nd course of 20mm cement plaster 1:3 (1 cement: 3 sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. 6 3rd course of applying blown or residual bitumen applied hot at 1.7 Kg. per sqm of area. d) 4th course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kgsqm.) (with 5 years service guarantee)								
							<b>84.00</b>	<b>sqm</b>	<b>440.00</b>	<b>36960.00</b>
		<b>SEPTIC TANK</b>								
74	2.6	2.6 Earth work in excavation by mechanical means (Hydraulic excavator )/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) 2.6.1 All kinds of soil								
						<b>Total</b>	<b>91.76</b>	<b>NOS</b>	<b>147.00</b>	<b>13489.00</b>
75	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : With 40mm nominal size graded stone aggregate. M 15 - Grade concrete								
						<b>Total</b>	<b>6.30</b>	<b>NOS</b>	<b>4403.00</b>	<b>27739.00</b>
76	5.16	5.16 Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire up to floor two level including all wastage etc. complete. 5.16.6 Thermo-Mechanically Treated bars.(TMT)								
						<b>Total</b>	<b>2272.13</b>	<b>kg</b>	<b>80</b>	<b>181771.00</b>

S.	SOR	Particulars of Item	No.	L.	B.	H/D	Qty.	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
77	5.1	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate excluding the cost of centering, shuttering, finishing and reinforcement All work up to plinth level : 5.1.1 M 20 -Grade Concrete								
						<b>Total</b>	<b>21.75</b>	<b>CUM</b>	<b>6153.00</b>	<b>133828.00</b>
78	5.9.2	5.9.2 Walls (any thickness) including attached pilasters buttersesses, plinth beams and string courses etc.up to plinth level.								
						<b>Total</b>	<b>191.80</b>	<b>sqm</b>	<b>219.00</b>	<b>42004.00</b>
									<b>Civil Work</b>	<b>6384735.00</b>
									<b>Add Electrification And Fittings</b>	<b>835054.00</b>
									<b>Total</b>	<b>7219789.00</b>



**Sub Engineer**  
Tribal Affairs Department  
Shahdol (M.P.)



**Assistant Engineer**  
Tribal Affairs Department  
Shahdol (M.P.)