

**NIT Schedule of Item for Annual repair work of Govt. Residential Building  
Under Sub Division Rajgarh**

P.A.C. Rs. 15.00

S.N.	SOR item No.	Item	Qnt	Rate	Unit	Amount
1	2	3	4	5	6	7
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 dumping ground within 50metres lead :With cement mortar 1:4 (1 cement : 4 sand)	250	180.00	Sqm	45000
2	14.2.1 & 14.2.2	Fixing chowkhats in existing opening including embedding chowkhats in floors or walls cutting masonry for holdfasts, embedding hold fasts in cement concrete blocks of size 15 x 10 x 10 cm with cement concrete 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate 20 mm nominal size), painting two coats of approved wood preservative to sides of chowkhats and making good the damages to walls and floors as required complete including disposal of rubbish to the dumping ground within 50 meters lead :				
		Door chowkhats	4	544.00	Each	2176
		Window chowkhats	6	325.00	Each	1950
3	14.3	Fixing chowkhat in existing opening in brick / RCC wall with dash fasteners/ chemical fastener of appropriate size (3nos on each vertical member of door chowkhat and 2 nos. on each vertical member of window chowkhats) including cost of dash fasteners/ chemical fastener.				
			2	146.00	Each	292
4	14.4	Making the opening in brick masonry 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 as directed by Engineer-in-charge.For door/ window/ clerestory window.	2	323.00	Sqm	646
5	14.5.1 & 14.5.2	Renewing glass panes, with putty and nails wherever necessary including racking out the old putty:				0
		Float glass panes of thickness 4 mm	4	679.00	Sqm	2716
		Float glass panes of thickness 5.5 mm	6	759.00	Sqm	4554
6	14.8.1 & 14.8.2	Supplying and fixing new wooden fillets wherever necessary:				
		2nd class teak wood fillets	5	30.00	Mt	150
		Haldu/Bija/Kail wood fillets.	6	26.00	Mt	156
7	14.16	Raking out joints in lime or cement mortar and preparing the surface for re-pointing or replastering including disposal of rubbish to the dumping ground within 50 metres lead.	12	17.00	Sqm	204

S.N.	SOR item No.	Item	Qty	Rate	Unit	Amount
1	2	3	4	5	6	7
8	14.21.1.1	Providing and fixing 25 mm thick shutters for cupboard etc. : Panelled or panelled and glazed shutters : Superior class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws.	8	3794.00	Sqm	30352
9	13.27.1	G.I. chicken mesh as per ISI specification and in the required	150	62.00	Sqm	9300
10	9.35.1.1	providing and fixing wooden moulded beading to door and window frames with iron screws ,plugs and priming coat on unexposed surface etc. Complete. 2 <sup>nd</sup> class teak wood 50x12 mm.	160	102.00	meter	16320
11	18.6.1.1 & 18.6.1.3	Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing concealed work including cutting chases and making good the walls etc.				
		15 mm nominal outer dia .pipes	63	129.00	meter	8127
		25 mm	76	177.00	meter	13452
12	18.29.1	Providing and fixing brass bib cock of approved quality: 15 mm nominal bore	10	306.00	Each	3060
13	17.73.2	Providing and fixing CP brass towel rail of approved quality and make.450x20mm.	10	836.00	Each	8360
14	13.36	Providing and fixing broken glass in cement mortar 1.3 including cost of mortar. Over compound walls.	20	139.00	Sqm	2780
15	17.58.1	Providing and fixing unplasticised rigid PVC soil and waste pipes conforming to IS: 13592 type B including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion single socketed pipes for working pressure of 4 kg /sqm.75 mm diameter (minimum wall thickness 3.2mm)	250	136.00	meter	34000
16	11.82.1.1	Providing and laying digital print random design(PGVT)/(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours& shades, 1st quality / premium in skirting, riser laid our 12mm thick cement mortar 1:3 including grouting the joints with white cement and matching pigments etc. complete For floor glossy/ rustic /stain/matt finished laid on 20mm thick cement mortar 1:4 (1 cement:4sand) Size 600X600 mm thickness 9-10 mm	350	1140.00	Sqm	399000
17	18.44.1	Providing and fixing PTMT bib cock of approved quality and colour. 15mm nominal bore, 86mm long. Weighing not less than 88 gms.	13	173.00	Each	2249

S.N.	SOR item No.	Item	Qnt	Rate	Unit	Amount
1	2	3	4	5	6	7
18	15.12	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	100	64.00	Sqm	6400
19	15.6.2	Dismantling brick work manually /by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metreslead as per direction of engineer –in-charge. In lime mortar.	2	202.00	sqm	404
20	15.14.1	Dismantling doors ,windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. Complete and stacking within 50 metres lead .	20	85.00	Each	1700
21	6.6.1	Brick work with well brunt open bhatta, bricks, crushing strength not less than 25kg / cm2 and water absorption not more than 20% in superstructure above plinth level and up to floor two level i/c curing etc complete. Cement mortar 1:4 (1 cement : 4 sand)	120	4541.00	Cum	544920
22	13.1	12 mm cement plaster of mix . 1:6	110	160.00	Sqm	17600
23	13.6	18mm cement plaster in two coats under layer 12mm thick cement plaster 1:5 and a top layer 6mm thick cement plaster 1:3 finished rough with sponge.	150	220.00	Sqm	33000
24	10.5.2	(25 ) Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x5 mm angle iron and 3mm M.S.gussset plates at the junctions and corners all necessary fittings complete, including applying a priming coat of approved steel primer.Using flats 30x6mm for diagonal braces and cntral cross piece.	55	2474.00	Sqm	136070
25	10.22.2	Steel work welded in built up section / framed woek including cutting hoisting fixing in position and applying a priming coat of approved steel primer using structural steel etc. As required . In gratings, frames,guard bar , ladder , railings brackets , gates and similar works.	550	105.00	Kg.	57750

S.N.	SOR item No.	Item	Qty	Rate	Unit	Amount
1	2	3	4	5	6	7
26	5.16.7	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing ) etc. complete .(Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3. Couplers shall be conforming to IS code on "Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement -Thermo-Mechanically Treated bars.FE 500 or more conforming to IS 1786	950	77.00	Kg.	73150
27	5.9	<b>Centering and shuttering in cluding strutting, propping etc. and removal of form for:</b> 5.9.1 foundations footings bases of columus etc. For concrete up plinth level.	7	190.00	Sqm	1330
		5.9.6 Columns, P i l l a r s , Piers, Abutments, Posts and Struts.	18	471.20	Sqm	8246
		5.9.2.1 walls (any thickness) including attached pilasters buttresses plinth beams and string courses etc. Up to plinth level.	20	219.00	Sqm	4380
		5.9.3 Suspended floors , roofs, landings, balconies, and access platform .	9	439.00	Sqm	3951
28	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 plinth level. M 20-grade concrete.	2	6153.00	Cum	12306
29	5.2.1	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement: M-20 Grade Concrete	2.20	6231.00	Cum	13708
			<b>Total</b>			<b>1499759</b>
			<b>Say in Rs.</b>			<b>15.00</b>

Sub Engineer  
P.W.D. (B&R)  
Rajgarh

Sub Divisional Officer  
P.W.D. (B&R) Sub Division  
Rajgarh

Executive Engineer  
P.W.D. (B&R) Division  
Rajgarh