

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

Building work 01.01.2024 PAC In lakh **10.00**

S.N.	SOR item No.	Item	Qty	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)	240	180	Sqm	43200
2	14.2	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 :				
	14.2.1	Door chowkhats	8	544	Each	4352
	14.2.2	Window chowkhats	12	325	Each	3900
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.	8	146	Each	1168
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.	8	323	Sqm	2584
5	14.5.1 & 14.5.2	Renewing glass panes, with putty and nails Float glass panes of thickness 4 mm Float glass panes of thickness 5.5 mm	8 8	679 759	Sqm Sqm	5432 6072
6	14.8.1 & 14.8.2	Supplying and fixing new wooden fillets wherever necessary: 2nd class teak wood fillets Haldu/Bija/Kail wood fillets.	8 6	30 26	Mt Mt	240 156

S.N.	SOR item No.	Item	Qty	Rate	Unit	Amount
1	2	3	4	5	6	7
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.	20	17	Sqm	340
8	14.21.1.1	Providing and fixing 25 mm thick shutters for cup board etc. : Panelled or panelled and glazed shutters : Superior class teak wood including nickel plated bright finished M.S. piano hinges with necessary screws.	12	3794	Sqm	45528
9	13.27.1	G.I. chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails before plastering up to 10 meter height.	24	62	Sqm	1488
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 nd class teak wood 50x12 mm.	100	102	meter	10200
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	40	129	meter	5160
		25 mm	40	177	meter	7080
12	18.29.1	Providing and fixing brass bib cock of approved quality: 15 mm nominal bore	10	306	Each	3060
13	17.73.2	Providing and fixing CP brass towel rail of approved quality and make.450x20mm.	6	836	Each	5016
14	13.36	Providing and fixing broken glass in cement mortar 1.3 including cost of mortar. Over compound walls.	10	139	Sqm	1390
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)	40	136	meter	5440

S.N.	SOR item No.	Item	Qty	Rate	Unit	Amount
1	2	3	4	5	6	7
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 on 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	50	1140	Sqm	57000
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.	5	173	Each	865
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.	240	64	Sqm	15360
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.	4	202	sqm	808
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 .	80	85	Each	6800
21	6.6.1	Brick work with well brunt open bhatta, bricks, crushing strength not less than 25kg / cm ² 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)	80	4541	Cum	363280
22	13.1.1	12 mm cement plaster of mix . 1:6	500	160	Sqm	80000
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.	30	220	Sqm	6600
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.gusset plates at the junctions and corners all necessary fittings complete, including applying a priming coat of approved steel primer.Using flats 30x6mm for diagonal bracs and central cross piece.	29	2474	Sqm	71746

S.N.	SOR item No.	Item	Qty	Rate	Unit	Amount
1	2	3	4	5	6	7
25	10.22.2	Steel work welded in built up section / framed work 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.	400	105	Kg.	42000
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	550	77	Kg.	42350
27	5.9	Centering and shuttering including strutting, propping etc. and removal of form for: 5.9.1 foundations footings bases of columns etc. For concrete up plinth level.	10	190.60	Sqm	1906
		5.9.6 Columns, P i l l a r s , Piers, Abutments, Posts and Struts.	21	471.2	Sqm	9895
		5.9.2.1 walls (any thickness) including attached pilasters buttresses plinth beams and string courses etc. Up to plinth level.	20	219	Sqm	4380
		5.9.3 Suspended floors , roofs, landings, balconies, and access platform .	4	439	Sqm	1756
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.	6	6153	Cum	36918

S.N.	SOR item No.	Item	Qnt	Rate	Unit	Amount
1	2	3	4	5	6	7
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	8	6231	Cum	49848
30	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 mirror 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) Note: - Deduction shall be made for not mirror polishing according to item no 11.43 s	48	1174	Sqm	56352

Total 999670
Say Rs. In Lakh 10.00

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

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P.W.D. (B&R) Sub Division
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