

E-Mail Date: 06/01/2025
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कार्यालय प्रधान मुख्य वन संरक्षक (वन्यजीव) मध्यप्रदेश भोपाल

सी ब्लॉक, भूतल- वन भवन, लिंक रोड क्रमांक 2-, तुलसी नगर, भोपाल
दूरभाष 2674318-0755, 2674337 E-mail pccfwl@mp.gov.in

क्रमांक/डीएस/2025/ 04

भोपाल दिनांक 21/01/2025

प्रति,

प्रधान मुख्य वन संरक्षक एवं
मुख्य कार्यपालन अधिकारी (कैम्पा)
वन भवन तुलसी नगर
मध्यप्रदेश, भोपाल

विषय:- डॉग कैनल हेतु अतिरिक्त बजट आवंटित करने बावत।

संदर्भ:- 1) इस कार्यालय का पत्र क्रमांक 6325 दि. 30.07.2024
2) आपका पत्र क्रमांक/5708 दिनांक 09.10.2024

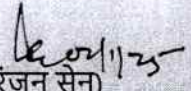
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उपरोक्त विषयांतर्गत अनुरोध है कि मध्यप्रदेश शासन वन विभाग अंतर्गत वन एवं वन्यजीव सुरक्षा तथा संवेदनशील क्षेत्रों को दृष्टिगत रखते हुए वृत्त स्तर एवं टाइगर रिजर्व अंतर्गत श्वानों का आवंटन किया गया है। आवंटित श्वानों हेतु कैनल निर्माण का प्राक्कलन एवं डिजाइन का निर्धारण न होने के कारण अलग-अलग वनमण्डल/टाइगर रिजर्व अंतर्गत असामानता देखने को मिलती है। उक्त विसंगति को देखते हुए आवंटित समस्त श्वानों हेतु एक समान कैनल का निर्धारण किया गया है। उक्त कार्य हेतु इस कार्यालय के संदर्भित पत्र 01 के माध्यम से 6.60 लाख राशि की मांग गई थी, जिसे आपके द्वारा संदर्भित पत्र 02 के माध्यम से 04 वनमण्डल को राशि उपलब्ध करा दी गई थी, परन्तु उक्त प्राक्कलन में सेप्टिक टैंक की राशि, जीएसटी (18 प्रतिशत) एवं लेबर वेलफेयर टैक्स (01 प्रतिशत) को सम्मिलित नहीं किया गया था।

उक्त राशि को समाहित करने उपरांत कैनल निर्माण में होने वाला कुल व्यय 8.5 लाख होगा। अतः संशोधित प्राक्कलन अनुसार प्रत्येक वनमण्डल हेतु 1.90 लाख अतिरिक्त राशि की आवश्यकता होगी। उक्त अतिरिक्त राशि को निम्नानुसार वनमण्डलों को आवंटित करने का कष्ट करें।

क्र	वनमण्डल का नाम	पूर्व में भुगतान राशि	संशोधित प्राक्कलन अनुसार राशि	अतिरिक्त राशि
1	इंदौर	660000.00	850000.00	190000.00
2	औबेदुल्लागंज	660000.00	850000.00	190000.00
3	गांधी सागर अभ्यारण	660000.00	850000.00	190000.00
4	कूनो राष्ट्रीय उद्यान	660000.00	850000.00	190000.00

संलग्न - संशोधित प्राक्कलन।

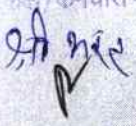

(शुभरंजन सेन)


प्रधान मुख्य वन संरक्षक (वन्यजीव) एवं
मुख्य वन्यजीव अभिरक्षक, म.प्र.

भोपाल दिनांक 21/01/2025


पृ.क्रमांक/डीएस/2025/ 05
प्रतिलिपि :-


- 1- प्रधान मुख्य वन संरक्षक एवं वन बल प्रमुख, म.प्र. की ओर सूचनार्थ संप्रेषित।
- 2- अपर प्रधान मुख्य वन संरक्षक (सूचना प्रौद्योगिकी) वन भवन की ओर सूचनार्थ कर लेख है कि संशोधित प्राक्कलन को विभागीय वेब पोर्टल पर अपलोड करने का कष्ट करें।
- 3- प्रभारी अधिकारी स्टेट टाइगर स्ट्राइक फोर्स, म.प्र. भोपाल की ओर सूचनार्थ प्रेषित।
- 4- वनमण्डलाधिकारी इंदौर/औबेदुल्लागंज/मंदसौर/कूनो राष्ट्रीय उद्यान की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- 5- अध्यक्ष स्टेट कैनाईन सेल, म.प्र. की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- 6- व्यय शाखा प्रभारी कार्यालय प्र.मु.व.सं. (वन्यजीव) भोपाल की ओर सूचनार्थ प्रेषित।

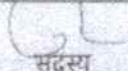
कस/कर्मचारी नाम

अ.प्र.मु.व.सं. (सू.प्र.)

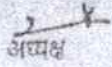

प्रधान मुख्य वन संरक्षक (वन्यजीव) एवं
मुख्य वन्यजीव अभिरक्षक, म.प्र.

GENERAL ABSTRACT		
DETAILED PROJECT REPORT FOR THE CONSTRUCTION OF DOG KENNEL FOR M.P. FOREST DEPARTMENT		
S.N.	PARTICULARS	AMOUNT (IN Lakh)
1	Cost of Civil Work	6.41
2	Cost of Electrification, Sanitary & water supply @ 8 %	0.51
3	Cost of Septic tank (4x4x4 ft)	0.23
4	GST (18%)	1.28
5	Labour welfare Tax (1%)	0.07
		8.5
	Estimate cost Rs- Eight Lakh Fifty Thousands Only	
	Based On - MPPWD building SOR 01-01-2024	


सदस्य
(डॉ. वैभव रमाकांत शुक्ला)
पशु चिकित्सक, स्टेट साईटिस सेल


सदस्य सचिव
(राजू सिंह राजपूत)
वनक्षेत्रपाल, एसटीएसएफ, भोपाल


सदस्य
(एस.के. खरे) वरिष्ठ प्रबंधक
म.प्र. टाइगर फाउंडेशन समिति


अध्यक्ष
(राजा खरे) प्रभारी अधिकारी
एसटीएसएफ इकाई-जबलपुर

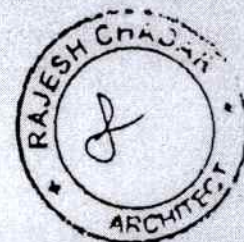
EASTIMATE OF QUANTITY FOR THE CONSTRUCTION OF 01 DOG KENNEL FOR " STATE TIGER STRIKE FORCE " AT M.P.

S.No.	DESCRIPTION OF WORK	QUANTITY	Unit	Cement (beg)	Sand (Cu.m.)	Aggregate (Cu.m.)	Steel (kg)	Brickwork	Stone Dust (Cu.m.)
1	M-10 GRADE CC (1:3:6)	4.54	Cu.m.	20.52	2.10	4.19			
2	M-15 GRADE CC (1:2:4)	1.15	Cu.m.	7.41	0.50	1.01			
3	M-20 GRADE CC (1:1.5:3)	15.45	Cu.m.	123.57	6.49	12.97			
4	STEEL	1699.05	Kg				1699		
5	BRICKWORK (1:6)	15.97	Cu.m.	24.60	5.25			9583	
6	PLASTER	284.84	Sq.m.	24	5.10				
7	STONE DUST	6.04	Cu.m.						6.04
8	HARD MURAM	9.06	Cu.m.						
				200.04	19.44	18.18			

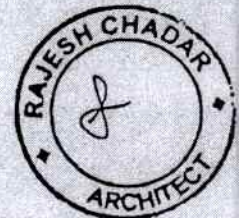
RAJESH CHADAR
ARCHITECT

DETAILED PROJECT REPORT FOR THE CONSTRUCTION OF 01 DOG KENNEL FOR " STATE TIGER STRIKE FORCE " AT M.P.

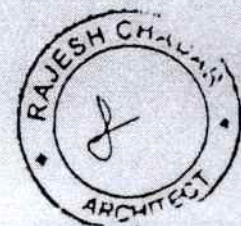
S.No.	ITEM	ITEM NAME	GROUND FLOOR PARTICULAR	AS PER PWD SOR JANUARY 2024			
				Qty.	Unit	Rate	Amount
1	2.1	Surface dressing	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m.	92.94	sq.m.	8.03	746.28
2	2.6	Excavation soil	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 up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil	113.58	cu.m.	147	16696.81
3	4.1	C.C. upto plinth level	mechanical Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.1.3	M-15	manual means over areas	1.15	cu.m.	4471	5119.84
	4.1.2.2	M-10	(exceeding 30cm in depth, 1.5m in	4.54	cu.m.	3808	17284.65
4		RCC upto plinth	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 :				
	3.1.1	M-20	M-20 Grade Concrete.	6.09	cu.m.	6153	37380.12
5	5.16.6	Reinforcement	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 - Specification")				
		TMT/TMX	Thermo-Mechanically Treated bars.				
			Qty @ 110 Kg/cum of RCC Qty of I.No. 5.1.1 (For	757.65	kg	80	60611.92



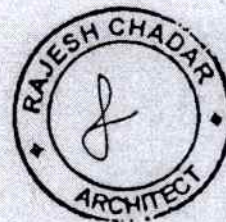
6	5.9.1	Centering and Shuttering	Centering and shuttering including strutting, propping etc. and removal of form for :				
		Upto plinth	Foundations, footings, bases of columns, etc. for mass concrete up to plinth level.	46.82	sq.m.	190.6	8923.39
7	2.26	Under floor filling stone dust	Supplying and filling in plinth with crusher stone dust/ coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth dressing complete. Note- Max. Thickness of this layer to be provided shall be 20 cm.	6.04	cu.m.	672	4060.08
8	2.27.1	Hard muram hard cupra	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)	9.06	cu.m.	393	3561.64
9	2.32	Preconstruction antitermite treatment	Preventive antitermite treatment to the building under construction by providing Stage 1: Treating the bottom and the sides (upto 30 cm high of the excavated trench @ 5 litter per sqm of the surface area.) Stage 2 : After masonry/RCC work, the backfill in the immediate contact with the foundation structure treatment @ 7.5 litter per sam. of the vertical surface of the substructure for each side. Stage 3 : surface treatment by spreading emulsion over the plinth area before laying the base concrete under floors @ 5.0 litres/Sqm. Stage 4 : Pumping the emulsion in plinth masonry on filling side at floor junction @ 7.5 litres/Sqm. Stage 5 : Pumping the emulsion from outer side of the plinth below ground around the masonry @ 5.0 litres/Sqm as per I.S. 8944 Emulsion. (1Chlorpyrifos: 19 water) with five years service guarantee (Measurements to be taken for plinth area)	35.41	sq.m.	136	4815.61
10		RCC in walls, columns, pillars etc	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.				
	5.2.1	M-20	M-20 Grade Concrete	1.79	cu.m.	6231	11149.51



11	5.3.1	RCC in beams, floors, staircases etc	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade.				
		M-20	M-20 Grade Concrete	6.77	cu.m.	6541	44274.87
12	5.16.6	Reinforcement	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 - Specification")				
		TMT/TM X	Thermo-Mechanically Treated bars. (TMT/TMX) FE 500 or more conforming to IS 1786				
			Qty @ 110 Kg/cum of RCC Qty of I.No. 5.2.1 & 5.3.1 (For Estimate Purpose)	941.40	kg	80	75312.03
13		Brick work 25kg /cm ² chimney bricks in superstructure	Brick work with well burnt chimney bricks in bulls pattern trench kiln, 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.				
	6.4.2	CM 1:6	Cement mortar 1:6 (1 cement : 6 sand)	15.97	cu.m.	5255	83926.98
14	13.1	12 mm cement plaster	12 mm cement plaster of mix :				
	13.1.2		1:6 (1 cement: 6 sand)	207.40	sq.m.	160	33184.06
15	13.2.2	15 mm cement plaster	15 mm cement plaster on rough side of single or half brick wall of mix :				
			1:6 (1 cement: 6 sand)	77.44	sq.m.	168	13009.35
16	13.41	White cement based putty	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.				



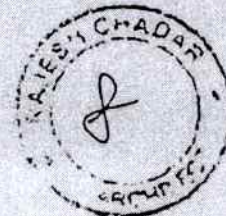
17	13.49	Acrylic emulsion paint	Qty of Plaster Wall painting by any mechanical or manual means with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade.	284.84	sq.m.	74	21077.93
18	5.24.1	Plaster drip course/ groove	Qty of Plaster Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	284.84	sq.m.	90	25615.32
			Preparation of grooves	42.00	Rm	18.5	777.00
19	13.27	Mesh in plaster	Providing and fixing mesh in vertical and horizontal junction of RCC and brick/AAC work including scaffolding and all lead and lift etc. complete				
	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.	16.56	sq.m.	62	1026.72
20	9.1.2	Wood work in frames of doors	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia and length (hold fast lugs or dash fastener shall be paid for separately).				
			Sal wood	0.13	cu.m.	71309	9522.36
21		Flush door shutters non-decorative type 1st class hard wood and well matched teak 3 ply	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers in both faces of shutters of such as duro board, century or equivalent make.				
	9.19.1		35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	5.21	sq.m.	1870	9733.79
22		Aluminium work for doors, windows, ventilators & partitions	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 EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately):				
	21.1.f.2	Powder coated	Powder coated aluminium (minimum thickness of	47.96	Kg	416	19952.41



23	21.1.2	Openable	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).				
	21.1.2.2	Powder coated	Powder coated aluminium (minimum thickness of powder coating 50 micron)	31.98	Kg	484	15475.91
24		Glazing in aluminium door, window, ventilator shutters and partitions	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 kg/sqm)	7.99	sq.m.	774	6187.17
25	9.43.1	M.S. grills and windows	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.	119.91	Kg	91	10911.47
26	10.25	Stainless steel	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/e fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (For payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	78.08	Kg	582	45441.70
27	10.26	Fly proof wire gauze to windows, doors	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	S.S.	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.	5.21	sq.m.	1334	6943.78
28	5.9.20	Centering and Shuttering	Centering and shuttering including strutting, propping etc. and removal of form for :				
		Suspended floors with ply	Suspended floors, roofs, landings, balconies and access platform. with water proof ply 12mm thick. (item to be executed with prior permission of S.E. in case of B & R works and from Additional Project Director in case of PIU works)	30.21	sq.m.	575.35	17380.72
29	5.9.21	Lintels, beams, columns etc with ply	Lintels, beams, columns, girders, bressumers and cantilevers with water proof ply 12mm thick (item to be executed with prior permission of S.E. in case of B & R works and from Additional Project Director in case of PIU works)	8.17	sq.m.	521.2	4257.79



30	10.17	M.S. box for ceiling fan	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface laced for proper bolting, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia. round headed screws, one lock at the corners. Clamp shall be made of 16mm dia M.S. bar bent to shape as per standard drawing				
			fan box	4.00	Each	148	592.00
31	11.36	Kota stone flooring	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) having thickness of slab 25 mm (Area of slab to be over 0.25 sqm) Note: - Deduction shall be made for not mirror polishing according to item no 11.43	11.90	sq.m.	1174	13967.88
32	12.21	Painting top of roofs with Two coats high albedo paint	Providing and applying two coats of High Albedo paint having minimum Solar Reflective Index (SRI) 108 (with solar reflectance and thermal emittance tested as per ASTM) C 1549 and ASTM C 1371 respectively), VOC less than 10 cc/gm. The coating thickness and the methodology of application shall be strictly as per manufacturer's specifications and as approved by engineer In charge. Surface preparation includes cleaning with metal wire brush to remove all dust, fungus etc., and washing with water all complete. The contractor shall give guarantee for the performance of SRI and also the durability of coating, all complete as per direction of Engineer-in-charge.				
			White in colour	30.21	sq.m.	239	7219.94
						TOTAL	641161.24



DETAILED QUANTITY OF MATERIAL FOR CONSTRUCTION OF 01 DOG KENNEL FOR " STATE TIGER STRIKE FORCE " AT M.P.

GROUND FLOOR									
S.No.	ITEM	ITEM NAME	PARTICULAR	No.	L	B	D	Qty.	Unit
1	2.1	Surface dressing	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m.						
			LUM SUM	1				92.94	sq.m.
2	2.6	Excavation soil	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 up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil						
			Excavation For footing Type1	12	1.00	1.00	1.20	14.40	cu.m.
			L/W	2	8.00	0.20	0.30	0.96	cu.m.
			L/W	4	3.05	0.20	0.30	0.73	cu.m.
			S/W	3	2.44	0.20	0.30	0.44	cu.m.
			TICK DRAIN	1	30.49	0.45	0.30	4.12	cu.m.
			GROUND DEVELOPMENT	1				92.94	cu.m.
								113.58	cu.m.
3	4.1	C.C. upto plinth level	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :						
	4.1.1.3	M-15	M 15 - Grade concrete						
			Window Sill						
			JALI	2	2.13	0.24	0.08	0.08	cu.m.
			W	2	0.76	0.23	0.08	0.03	cu.m.
			W1	1	1.22	0.23	0.08	0.02	cu.m.
			W2	1	1.22	0.23	0.08	0.02	cu.m.
			V	4	0.46	0.23	0.08	0.03	cu.m.
	4.1.2.1	M-15	M-15 - Grade concrete						
			Footing Base For CI	12	1.00	1.00	0.08	0.96	cu.m.
								1.15	cu.m.
	4.1.2.2	M-10	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M 10)						
			PLATFORM	1	3.35	0.91	0.1	0.31	cu.m.
			COURTYARD	1	2.44	2.44	0.1	0.59	cu.m.
			ROOM	1	2.44	2.44	0.1	0.59	cu.m.
			WASH AREA	1	2.44	2.44	0.1	0.59	cu.m.
			STORE/PANTRY ROOM	1	3.05	3.05	0.1	0.93	cu.m.
			L/W	2	8.00	0.23	0.1	0.37	cu.m.
			L/W	4	3.05	0.23	0.1	0.28	cu.m.
			S/W	3	2.44	0.23	0.1	0.17	cu.m.
			TICK DRAIN	1	30.49	0.23	0.1	0.70	cu.m.
								4.54	cu.m.



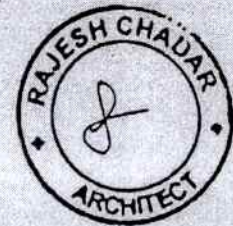
4	RCC upto plinth	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :							
	5.1.1 M-20	M-20 Grade Concrete							
		FOOTNIG	12	0.90	0.90	0.45	4.37	cu.m.	
		Col. Up to PB Botom	12	0.23	0.23	1	0.63	cu.m.	
		L/W	2	8.00	0.23	0.23	0.85	cu.m.	
		L/W	4	3.05	0.23	0.23	0.65	cu.m.	
		S/W	3	2.44	0.23	0.23	0.39	cu.m.	
							6.89	cu.m.	
5	5.16.6 Reinforcement	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 - Specification")							
	TMT/TMX	Thermo-Mechanically Treated bars. (TMT/TMX) FE 500 or more conforming to IS 1786							
		Qty @ 110 Kg/cum of RCC Qty of 1 No. 5.1.1 (For Estimate Purpose)					757.65	kg	
6	5.9.1 Centering and Shuttering	Centering and shuttering including strutting, propping etc. and removal of form for :							
	Upto plinth	Foundations, footings, bases of columns, etc. for mass concrete up to plinth level.							
		Footing	12	3.60		0.45	19.44	sq.m.	
		Col. Up to PB Botom	12	0.92		1	11.04	sq.m.	
		L/W	2	16.01		0.23	7.36	sq.m.	
		L/W	4	6.10		0.23	5.61	sq.m.	
		S/W	3	4.88		0.23	3.37	sq.m.	
7	2.27 Under floor filling stone dust	Supplying and filling in plinth with crusher stone dust/ coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth dressing complete. Note- Max. Thickness of this layer to be provided shall be 20 cm.					46.82	sq.m.	
		PLATFORM	1	3.35	0.91	0.2	0.61	cu.m.	
		COURTYARD	1	2.44	2.44	0.2	1.19	cu.m.	
		ROOM	1	2.44	2.44	0.2	1.19	cu.m.	



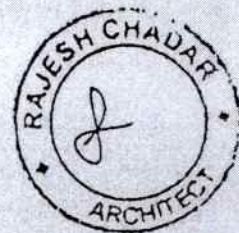
		WASH AREA	1	2.44	2.44	0.2	1.19	cu.m.
		STORE/PANTRY ROOM	1	3.05	3.05	0.2	1.86	cu.m.
8	2.27.1	Hard muram hard copra					6.04	cu.m.
		With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm)						
		PLATFORM	1	3.35	0.91	0.3	0.92	cu.m.
		COURTYARD	1	2.44	2.44	0.3	1.78	cu.m.
		ROOM	1	2.44	2.44	0.3	1.78	cu.m.
		WASH AREA	1	2.44	2.44	0.3	1.78	cu.m.
		STORE/PANTRY ROOM	1	3.05	3.05	0.3	2.79	cu.m.
							9.06	cu.m.
9	2.32	Preconstruct ion antitermite treatment						
		Preventive antitermite treatment to the building under construction by providing Stage 1: Treating the bottom and the sides (upto 30 cm high of the excavated trench @ 5 liter per sqm of the surface area.) Stage 2: After masonry/RCC work, the backfill in the immediate contact with the foundation structure treatment @ 7.5 liter per sqm. of the vertical surface of the substructure for each side. Stage 3: surface treatment by spreading emulsion over the plinth area before laying the base concrete under floors @ 5.0 litres/Sqm. Stage 4: Pumping the emulsion in plinth masonry on filling side at floor junction @ 7.5 litres/Sqm. Stage 5: Pumping the emulsion from outer side of the plinth below ground around the masonry @ 5.0 litres/Sqm as per I.S. 8944 Emulsion. (1Chlorpyrifos: 19 water) with five years service guarantee (Measurements to be taken for plinth area)						
		Plinth area	1				35.41	sq.m.
10		RCC in walls, columns, pillars etc						
		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:						
	5.2.1	M-20						
		M-20 Grade Concrete						
		Col. Up to slab bottom	12	0.23	0.23	2.82	1.79	cu.m.
11	5.3.1	RCC in beams, floors, staircases etc						
		Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral staircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade.						



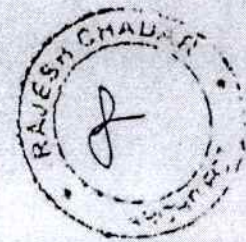
	M-20	M-20 Grade Concrete								
		SLAB								
		PLATFORM	1	3.35	0.91	0.11	0.34		cu.m	
		COURTYARD	1	2.44	2.44	0.11	0.65		cu.m	
		ROOM	1	2.44	2.44	0.11	0.65		cu.m	
		WASH AREA	1	2.44	2.44	0.11	0.65		cu.m	
		STORE/PANTRY ROOM	1	3.05	3.05	0.11	1.02		cu.m	
		SLAB PROJECTION					0.75		cu.m	
		BEAM								
		L/W	2	8.00	0.23	0.33	1.21		cu.m	
		L/W	4	3.05	0.23	0.33	0.93		cu.m	
		S/W	3	2.44	0.23	0.33	0.56		cu.m	
							6.77		cu.m	
12	5.16.6	Reinforcement	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 - Specification")							
	TMT/TM X	Thermo-Mechanically Treated bars. (TMT/TMX) Fe 500 or more conforming to IS 1786								
		Qty @ 110 Kg/cum of RCC Qty of I.No. 5.2.1 & 5.3.1 (For Estimate Purpose)					941.40		kg	
13	Brick work 25kg /cm ² chimney bricks in superstructure	Brick work with well burnt chimney bricks in bulls pattern trench kiln, 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.								
	6.4.2	CM 1:6	Cement mortar 1:6 (1 cement : 6 sand)							
		L/W	2	8.00	2.57	0.23	9.46		cu.m	
		L/W	4	3.05	2.57	0.23	7.21		cu.m	
		S/W	3	2.44	2.57	0.23	4.33		cu.m	
		TICK DRAIN	1	30.49	0.23	0.23	1.60		cu.m	
							22.60		cu.m	
		DEDUCTION								
		D/W	1	2.13	0.23	0.91	0.45		cu.m	
		D/W JALI	1	1.52	0.23	2.13	0.75		cu.m	
		D	2	2.13	0.23	0.76	0.75		cu.m	
		DI	1	2.13	0.23	0.91	0.45		cu.m	
		JALI	2	2.13	0.23	2.44	2.39		cu.m	
		W	2	0.76	0.23	1.22	0.43		cu.m	
		WI	1	1.22	0.23	1.22	0.34		cu.m	



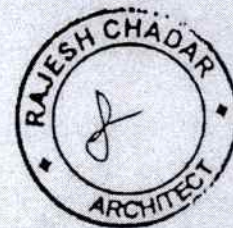
			W2	1	1.22	0.23	1.07	0.30	cu.m
			V	4	0.46	0.23	1.83	0.77	cu.m
								6.63	cu.m
							TOTAL	15.97	cu.m
14	13.1	12 mm cement plaster	12 mm cement plaster of mix :						
	13.1.2		1:6 (1 cement: 6 sand)						
			L/W	2	16.01	2.90		92.84	sq.m
			L/W	4	6.10	2.90		70.73	sq.m
			S/W	3	4.88	2.90		42.44	sq.m
			SLAB						
			PLATFORM	1	3.35	0.91		3.07	sq.m
			COURTYARD	1	2.44	2.44		5.95	sq.m
			ROOM	1	2.44	2.44		5.95	sq.m
			WASH AREA	1	2.44	2.44		5.95	sq.m
			STORE/PANTRY ROOM	1	3.05	3.05		9.30	sq.m
								236.22	sq.m
			DEDUCTION						
			D/W	1	2.13		0.91	1.95	sq.m
			D/W JALI	1	1.52		2.13	3.25	sq.m
			D	2	2.13		0.76	3.25	sq.m
			D1	1	2.13		0.91	1.95	sq.m
			JALI	2	2.13		2.44	10.41	sq.m
			W	2	0.76		1.22	1.86	sq.m
			W1	1	1.22		1.22	1.49	sq.m
			W2	1	1.22		1.07	1.30	sq.m
			V	4	0.46		1.83	3.35	sq.m
								28.81	sq.m
			TOTAL					207.40	sq.m
15	13.2.2	15 mm cement plaster	15 mm cement plaster on rough side of single or half brick wall of mix :						
			1:6 (1 cement: 6 sand)						
			PARAPET WALL	2	94.00	0.30		56.40	sq.m
			TICK DRAIN	1	30.49	0.69		21.04	sq.m
								77.44	sq.m
16	13.41	White cement based putty	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.						
			Qty of Plaster					284.84	sq.m
17	13.49	Acrylic emulsion paint	Wall painting by any mechanical or manual means with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre. of approved brand and manufacture, including applying additional coats wherever required to achieve even shade.						
			Qty of Plaster					284.84	sq.m
18	5.24.1	Plaster drip course/ groove	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.						
			Preparation of grooves	1	42.00			42.00	Rm
19	13.27	Mesh in plaster	Providing and fixing mesh in vertical						



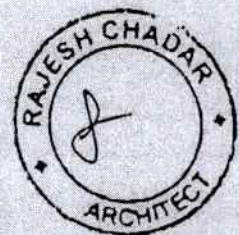
		and horizontal junction of RCC and brick/AAC work including scaffolding and all lead and lift etc. complete							
	13.27.1	G.I. chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails before plastering up to 10 meter height.	24	3.00	0.23		16.56	sq.m.	
20		Wood work in frames of doors							
	9.1.2	Sal wood							
		D	2	10.06	0.1	0.06	0.12	cu.m.	
		D1	1	2.13	0.1	0.06	0.01	cu.m.	
							0.13	cu.m.	
21		Flush door shutters non-decorative type 1st class hard wood and well matched teak 3 ply							
	9.19.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.							
		D	2	2.13		0.76	3.25	sq.m.	
		D1	1	2.13		0.91	1.95	sq.m.	
							5.21	sq.m.	
22		Aluminium work for doors, windows, ventilators & partitions							
	21.1.1.2	Powder coated							
		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 EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately): Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		W	2	0.76		1.22	1.86	sq.m.	
		W1	1	1.22		1.22	1.49	sq.m.	
		W2	1	1.22		1.07	1.30	sq.m.	
		V	4	0.46		1.83	3.35	sq.m.	
		Estimate Purpose @ 6 Kg/sqm					7.99	sq.m.	
							47.96	Kg	



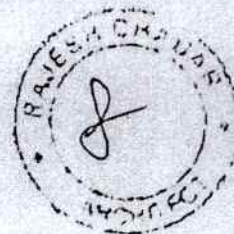
23	21.1.2	Openable	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).						
	21.1.2.2	Powder coated	Powder coated aluminium (minimum thickness of powder coating 50 micron)						
			area same as above item					7.99	sq.m.
			Estimate Purpose @ 4 Kg/sqm					31.98	Kg
24		Glazing in aluminium door, window, ventilator shutters and partitions	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 kg/sqm)						
			area same as above item					7.99	sq.m.
25		M.S. grills and windows	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.						
			W	2	0.76	1.22	1.86		sq.m.
			W1	1	1.22	1.22	1.49		sq.m.
			W2	1	1.22	1.07	1.30		sq.m.
			V	4	0.46	1.83	3.35		sq.m.
								7.99	sq.m.
			Estimate Purpose @ 15 Kg/sqm					119.91	Kg
26	10.25	Stainless steel railing	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (For payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)						
			D/W	1	2.134	0.91	1.95		sq.m.
			D/W JALI	1	1.524	2.13	3.25		sq.m.
			JALI	2	2.134	2.44	10.41		sq.m.
								15.62	sq.m.
			Estimate Purpose @ 5 Kg/sqm					78.08	Kg
27	10.26	Fly proof wire gauze to windows, doors	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	S.S.	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides.						
			W	2	0.762	1.22	1.86		sq.m.
			V	4	0.457	1.83	3.35		sq.m.
								5.21	sq.m.



28	Centering and Shuttering	Centering and shuttering including strutting, propping etc. and removal of form for :						
	Suspended floors with ply	Suspended floors, roofs, landings, balconies and access platform with water proof ply 12mm thick. (item to be executed with prior permission of S.E. in case of B & R works and from Additional Project Director in case of PIU works)						
	5.9.20	PLATFORM	1	3.35	0.91		3.07	sq.m.
		COURTYARD	1	2.44	2.44		5.95	sq.m.
		ROOM	1	2.44	2.44		5.95	sq.m.
		WASH AREA	1	2.44	2.44		5.95	sq.m.
		STORE/PANTRY ROOM	1	3.05	3.05		9.30	sq.m.
							30.21	sq.m.
29	5.9.21	Lintels, beams, columns etc with ply						
		Lintels, beams, columns, girders, bressumers and cantilevers with water proof ply 12mm thick (item to be executed with prior permission of S.E. in case of B & R works and from Additional Project Director in case of PIU works)						
		L/W	2	8.00	0.23		3.68	sq.m.
		L/W	4	3.05	0.23		2.80	sq.m.
		S/W	3	2.44	0.23		1.68	sq.m.
							8.17	sq.m.
30	10.17	M.S. box for ceiling fan						
		Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia. round headed screws, one lock at the corners. Clamp shall be made of 16mm dia M.S. bar bent to shape as per standard drawing						
		fan box	4				4.00	Each
31	11.36	Kota stone flooring						
		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) having thickness of slab 25 mm (Area of slab to be over 0.25 sqm) Note: - Deduction shall be made for not mirror polishing according to item no 11.43						
		COURTYARD	1	2.44	2.44		5.95	sq.m.
		ROOM	1	2.44	2.44		5.95	sq.m.
32	12.21	Painting top of roofs with					11.90	sq.m.

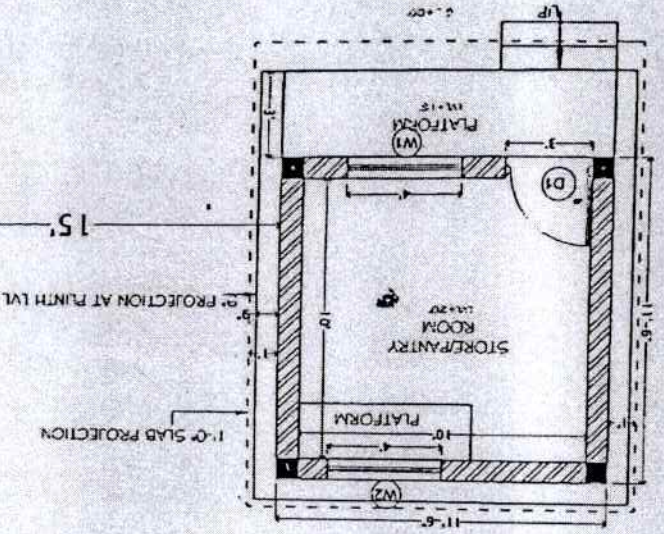


	<p>Two coats high albedo paint</p>	<p>Providing and applying two coats of High Albedo paint having minimum Solar Reflective Index (SRI) 108 (with solar reflectance and thermal emittance tested as per ASTM C 1549 and ASTM C 1371 respectively), VOC less than 10 cc/gm. The coating thickness and the methodology of application shall be strictly as per manufacturer's specifications and as approved by engineer in charge. Surface preparation includes cleaning with metal wire brush to remove all dust, fungus etc., and washing with water all complete. The contractor shall give guarantee for the performance of SRI and also the durability of coating, all complete as per direction of Engineer-in-charge.</p>							
		White in colour							
		PLATFORM	1	3.35	0.91			3.07	sq.m.
		COURTYARD	1	2.44	2.44			5.95	sq.m.
		ROOM	1	2.44	2.44			5.95	sq.m.
		WASH AREA	1	2.44	2.44			5.95	sq.m.
		STORE/PANTRY ROOM	1	3.05	3.05			9.30	sq.m.
								30.21	sq.m.



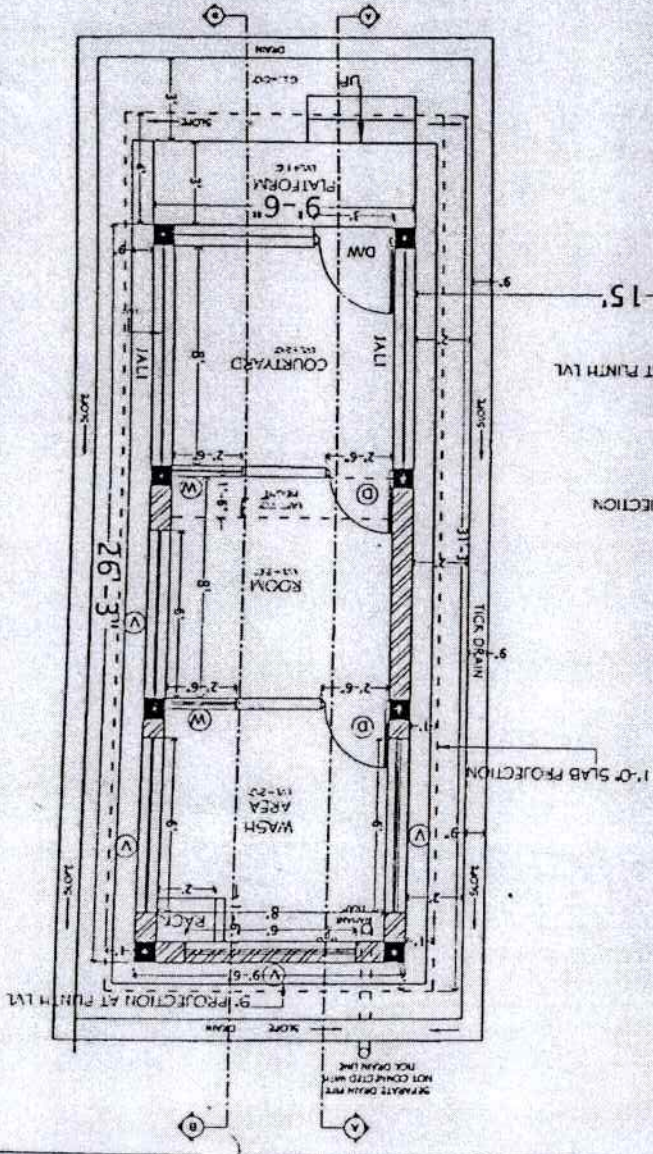
STORE/PANTRY FLOOR PLAN

PLINTH AREA = 132.25 SQFT OR 12.3 SQ.M.



DOG KENNEL FLOOR PLAN

PLINTH AREA = 249.38 SQFT OR 23.17 SQ.M.



ARCHITECT: - RAJESH CHADAR

13, VA. DUPLEX BLDG. ARCHITECT
GARDEN APARTS PUR
MO-0942788

NO.	DATE	DESCRIPTION

OWNER :- STATE TIGER STRIKE FORCE

PROJECT :- DOG KENNEL

DRAWING :-

FOR NO.

SCALE

DATE

PROJECT CHANGE

CHECKED BY: AR. RAJESH CHADAR

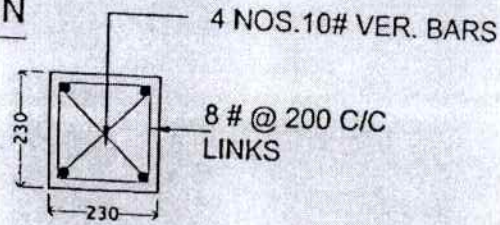
DRAWING NO. REVISION

NOTES

- 1) ALL DIMENSIONS ARE IN FT.
- 2) DRAWING MUST BE READ IN CONNECTION WITH STRUCTURAL DRAWING.
- 3) DO NOT SCALE THE DRAWING. DIMENSIONS TO BE FOLLOWED.
- 4) ALL DIMENSIONS IN THIS DRAWING SHALL BE SUBJECT TO THE HOTEL OR THE ARCHITECT'S OFFICE BEFORE EXECUTION.
- 5) SHALL QUOTE RETURNING THE DRAWING TO BE FORWARDED WITHIN 07 DAYS OF RECEIVING THE DRAWING OR ELSE THE DRAWING WILL BE CONSIDERED BACKED FLOOR. THE ARCHITECT IS NOT LIABLE FOR ANY DIMENSION ON A LATER DATE.

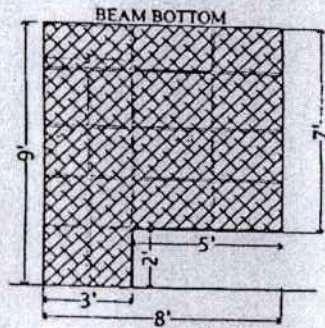
DETAILS OF DOG KENNEL

DETAILS OF COLUMN

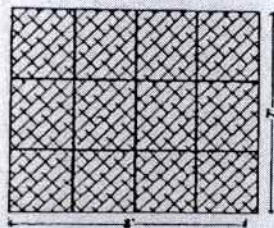


COLUMN 'C1'
(9" X 9")

DETAILS OF DOG KENNEL DOOR & WINDOW DETAILS



D/W = 01 NOS.
STAINLESS STEEL
FRAME WITH JALI



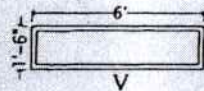
JALI = 02 NOS.
STAINLESS STEEL
FRAME WITH JALI



D = 02 NOS.

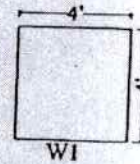


W = 02 NOS.

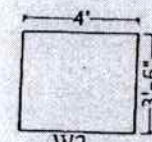


V = 04 NOS.

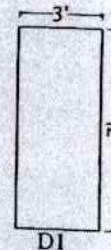
STORE/PANTRY DOOR & WINDOW DETAILS



W1 = 01 NOS.



W2 = 01 NOS.



D1 = 01 NOS.

DETAILS OF DOG KENNEL

NOTES

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- 2) DRAWING MUST BE READ IN CONJUNCTION WITH STRUCTURAL EXAMINES.
- 3) DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
- 4) ANY DISCREPANCIES IN THIS DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT/ENGINEER BEFORE EXECUTION.
- 5) SMALL CHANGES REGARDING THE DRAWING TO BE FORWARDED WITHIN 07 DAYS OF RECEIVING THE DRAWING OR ELSE, THE DRAWING SHALL BE CONSIDERED UNDERSTOOD. THE ARCHITECT IS NOT LIABLE FOR ANY EXPLANATION ON A LATER DATE.

REVISIONS

NO.	DATE	DESCRIPTION

OWNER :-

" STATE TIGER STRIKE FORCE "

PROJECT :- DOG KENNEL

DRAWING :-

JOB NO.

SCALE

DATE

PROJECT

INCHARGE

CHECKED BY

AA. RAJESH CHADAR

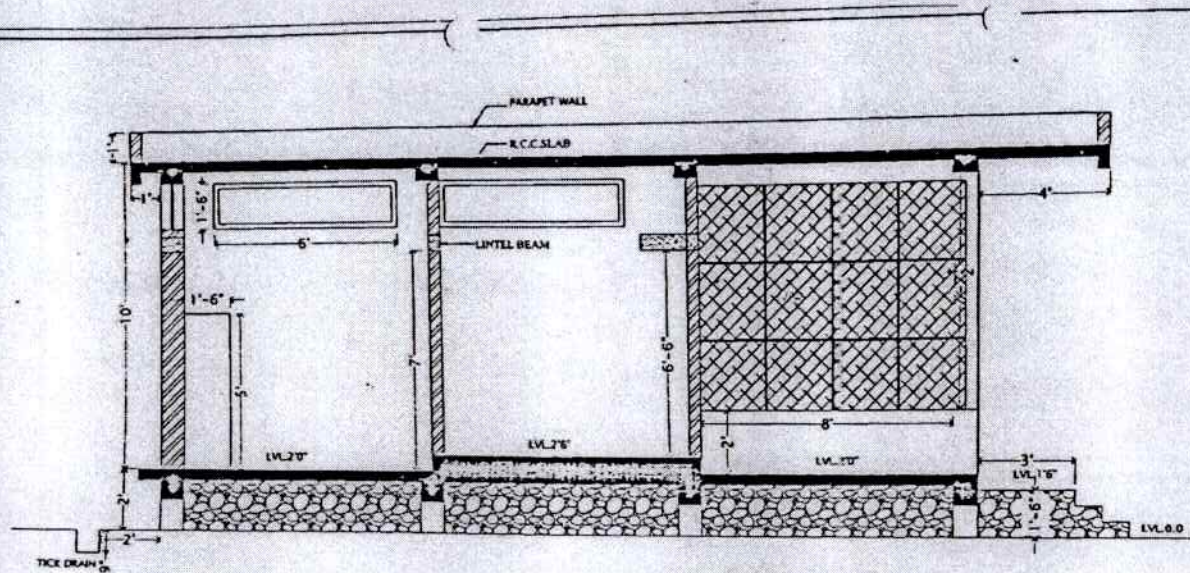
DRAWING NO.

REVISION

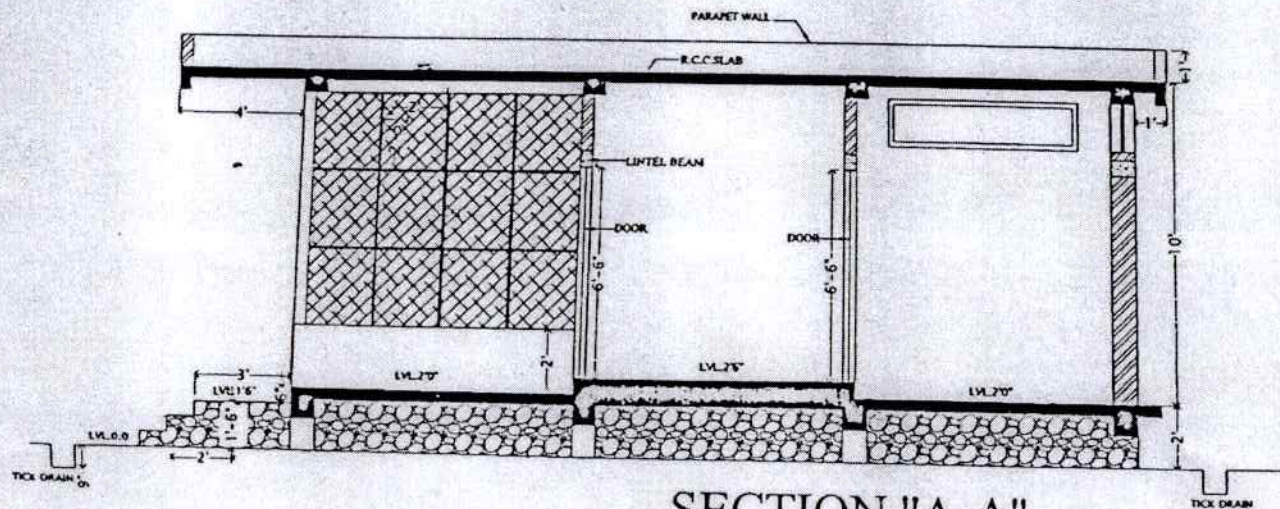
ARCHITECT :-

RAJESH CHADAR





SECTION "B-B"



SECTION "A-A"

DETAILS OF DOG KENNEL

NOTES

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- 3) DO NOT SCALE THE DRAWING. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
- 4) IN ANY DISCREPANCIES IN THIS DRAWING, SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT/ENGINEER BEFORE EXECUTION.
- 5) ALL QUERIES REGARDING THE DRAWING TO BE FORWARDED WITHIN 57 DAYS OF RECEIVING THE DRAWING OR ELSE, THE DRAWING SHALL BE CONSIDERED UNDERSTOOD. THE ARCHITECT IS NOT LIABLE FOR ANY EXPLANATION ON A LATER DATE.

REVISIONS

NO.	DATE	DESCRIPTION

OWNER :-

" STATE TIGER STRIKE FORCE "

PROJECT :- DOG KENNEL

DRAWING :-

KOB NO.

SCALE

DATE

PROJECT INCHARGE

CHECKED BY: A.R. RAJESH CHADAR

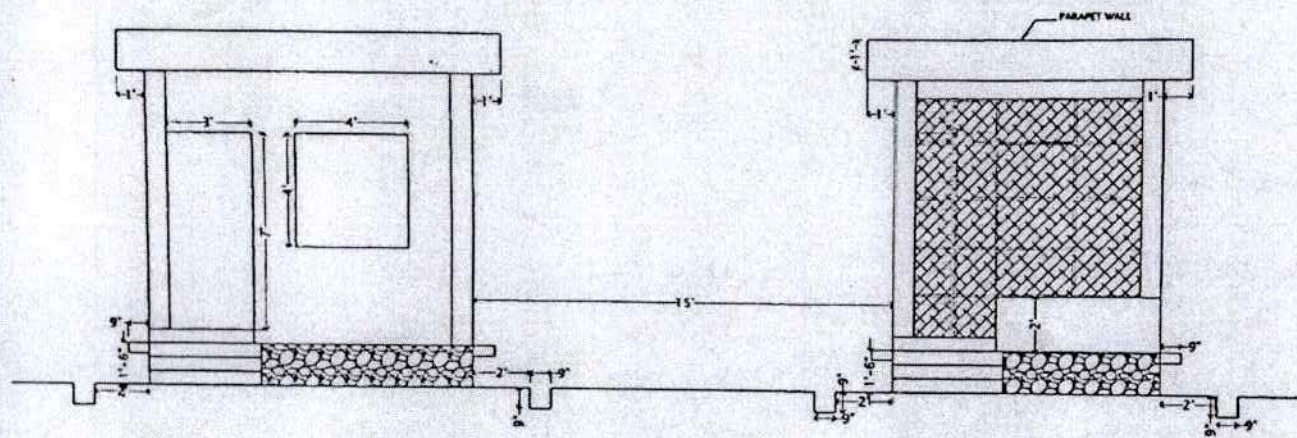
DRAWING NO.	REVISION

ARCHITECT: -

RAJESH CHADAR



13, VASTIKA ENCLAVE, CENTRAL GARDEN, ARCHITECT, JABALPUR MO.-09424330044



FRONT ELEVATION

DETAILS OF DOG KENNEL

NOTES

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REVISIONS

NO.	DATE	DESCRIPTION

OWNER :-

*** STATE TIGER STRIKE FORCE ***

PROJECT :- DOG KENNEL

DRAWING :-

IDB NO.

SCALE

DATE

PROJECT INCHARGE

CHECKED BY: **MR. RAJESH CHADAR**

DRAWING NO.	REVISION

ARCHITECT: -

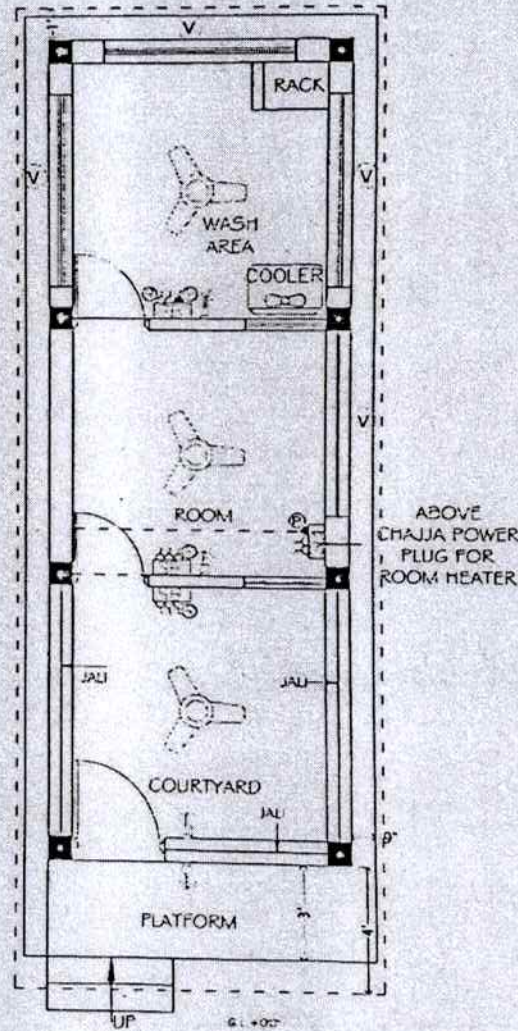
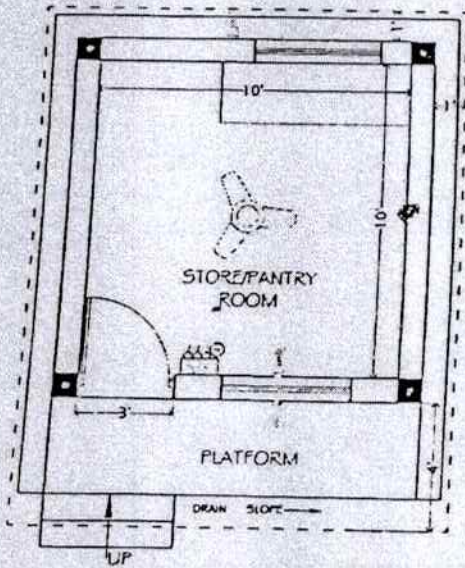
RAJESH CHADAR



13, PATIKA DUPLEX, BHAVARTAL GARDEN, NAIPUR, BHILAI, RAIPUR MO.-0942435044

ELECTRICAL LEGEND

	ELECTRICIAN	AT CENTER OF THE ROOM
	LATEX PAINT	POINT ON WALL
	WALL PAINT	POINT ON WALL
	POLYCHROME	POINT ON SD
	TELEVISION	TABLE MARKED ON WALL
	BELL	ON WALL AT 4' 0" HT.
	CHANDLIER	ON WALL AT 7' 0" HT.
	MCB BOX	ON WALL AT 4' 0" HT.
	FANWAY SWITCH	ON SWITCH BOARD
	SWITCH FOR LIGHT & FAN	ON SWITCH BOARD
	POWER SOCKET IN AMP	ON SWITCH BOARD
	SWITCH ON WALL	ON SWITCH BOARD
	TUBE LIGHT	AT 4' 0" HT. AT 7' 0" HT.
	CFL ON WALL	ON WALL AT 7' 0" HT.
	INCANDESCENT LAMP	ON WALL AT 7' 0" HT.
	CILING LIGHT	AT 7' 0" HT. ON WALL
	CILING LIGHT	AT 7' 0" HT. ON WALL
	CILING LIGHT	AT 7' 0" HT. ON WALL
	COOLER PROTECTION	AS REQUIRED
	MAIN LINE CONNECTION	AS PER SITE CONNECTION
	AC COPPER LINE	FROM AC TO EXTERNAL LINE
	SWITCH BOARD	ON WALL AT 4' 0" HT.
	SWITCH BOARD	ON WALL AT 7' 0" HT.
	SWITCH & AMP	ON SWITCH BOARD
	METER BOX	ON WALL AT 5' 0" HT.
	GUTTER LAMP	AS PER REQ.
	SWITCH & LAMP	ON SWITCH BOARD



ELECTRICAL PLAN

DETAILS OF DOG KENNEL

NOTES

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- 5) ALL QUERIES REGARDING THE DRAWING TO BE FORWARDED WITHIN 07 DAYS OF RECEIVING THE DRAWING, OR ELSE, THE DRAWING SHALL BE CONSIDERED UNDER TOOK. THE ARCHITECT IS NOT LIABLE FOR ANY LATE ACTION ON A LATER DATE.

REVISIONS

NO.	DATE	DESCRIPTION

OWNER :-

* STATE TIGER STRIKE FORCE *

PROJECT :- DOG KENNEL

DRAWING :-

JOB NO.

SCALE

DATE

PROJECT

BY CHARGE

CHECKED BY

AR. RAJESH CHADAR

DRAWING NO. REVISION

ARCHITECT :-

RAJESH CHADAR



13, VANKA DINA BHOJAPAL
GARDEN, NARAYAN, JABALPUR
MO.-09424395044