

<b><u>NAGAR PANCHAYAT SARGAON, DISTT. MUNGELI</u></b>		
<b><u>(C.G.)</u></b>		
<b>ABSTRACT</b>		
<b>S.NO.</b>	<b>DESCRIPTION</b>	<b>AMOUNT (Rs.)</b>
<b>1</b>	<b>Compost Plant</b>	
<b>a</b>	<b>SOR ITEMS</b>	<b>-</b>
1	2 TPD Windrow Compost	850329.55
2	Leachate Tank	76105.82
3	Fencing Boundary wall (87.5M)	268261.28
4	CC Road (34.50M)	136097.33
	<b>Total of (a)</b>	<b>1330793.97</b>
<b>b</b>	<b>NON SOR ITEMS</b>	
1	Weigh Bridge	225000.00
2	Wheel Barrow	11000.00
3	Compost Sieve Machine	47500.00
	<b>Total of (b)</b>	<b>283500.00</b>
	<b>Total (a+b)</b>	<b>1614293.97</b>
<b>1</b>	<b>SLRM-1</b>	
<b>b</b>	<b>SOR ITEMS</b>	
1	Revamping of SLRM Centre	456690.53
2	Rain Water Harvesting	15000.00
3	Revamping of Toilet	62241.48
4	Storage Area	639658.87
5	Borewell	147001.00
	<b>Total of (a)</b>	<b>1320591.87</b>
<b>b</b>	<b>NON SOR ITEMS</b>	
1	Bale Trolley 3Nos	20400.00
2	Flat Conveyor Belt	155000.00
3	Turbine Ventilator 6 Nos. @ 2500	15000.00
4	HDPE Wheeled Container 100 Litre - 10 No. @ 1375	13750.00
5	Surveillance Camera	17813.00
	<b>Total of (b)</b>	<b>221963.00</b>
	<b>Total (a+b)</b>	<b>1542554.87</b>
	<b>Grand Total</b>	<b>3156848.85</b>
	<b>Project Cost In Lakhs</b>	<b>31.57</b>

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Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015

SN	DESCRIPTION OF ITEM	NO	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
			I	B	H/D				
I	II	III	IV	V	VI	VII	VIII	IX	X
1	1.1 Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and level								
	1.1.1 In all types of soils.								
	F1(1500X1500)	12	1.50	1.50	1.70	45.90			
	For Beam	1	51.80	0.40	0.20	4.14			
	<b>total</b>					<b>50.04</b>	<b>185.00</b>	<b>cum</b>	<b>9258.14</b>
2	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.								
	<b>Footing</b>								
	F1(1500X1500)	12	1.50	1.50	0.10	2.70			
	For Beam	1	51.80	0.40	0.10	2.07			
	<b>total</b>					<b>4.77</b>	<b>371.00</b>	<b>cum</b>	<b>1770.41</b>
3	3.1 Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	<b>Footing</b>								
	F1(1500X1500)	12	1.50	1.50	0.10	2.70			
	For Beam	1	51.80	0.40	0.10	2.07			
	<b>total</b>					<b>4.77</b>	<b>2970.00</b>	<b>cum</b>	<b>14172.84</b>
4	3.2 Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work								
	3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	F1(1500X1500)	12	1.30	1.30	0.30	6.08			
	<b>Subtotal a</b>					<b>6.08</b>			
	<b>Column upto G L</b>								
	C1(300X300)	12	0.30	0.30	1.20	1.30			
	<b>Subtotal b</b>					<b>1.30</b>			
	<b>Column above G L</b>								
	C1(300X300)	12	0.30	0.30	0.75	0.81			
	<b>Subtotal c</b>					<b>0.81</b>			
	<b>Plinth Beam</b>								
		1	51.80	0.30	0.40	6.22			
	<b>Subtotal d</b>					<b>6.22</b>			
	<b>total</b>					<b>14.41</b>	<b>4163.00</b>	<b>cum</b>	<b>59972.18</b>
5	2.1 Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal								
	2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	<b>Footings</b>								
	F1(1500X1500)	1 12	5.20		0.30	18.72			
	<b>Column upto G L</b>								
	C1(300X300)	1 12	1.20		1.20	17.28			
	<b>Column above G L</b>								
	C1(300X300)	1 12	1.20		0.75	10.80			
	<b>Plinth Beam</b>								

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		1	2	51.80	0.40	41.44			
	<b>total</b>					<b>88.24</b>	<b>139.00</b>	<b>sqm</b>	<b>12265.36</b>
6	3.12 Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	3.12.1 Thermo-Mechanically treated bars F <sub>8</sub> 415								
	Footing			6.08	80.00	486.72			
	Column			2.11	80.00	168.48			
	Plinth Beam			6.22	80.00	497.28			
	<b>total</b>					<b>1152.48</b>	<b>54.50</b>	<b>Kg</b>	<b>62810.16</b>
7	1.17 Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M.								
	60% of excavated Qty.					30.03			
	<b>total</b>					<b>30.03</b>	<b>65.00</b>	<b>cum</b>	<b>1951.72</b>
8	1.18 Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc complete.								
	Windrow Shed and Wet Tipping Platform		1	20.90	6.20	0.30	38.87		
	<b>total</b>						<b>38.87</b>	<b>371.00</b>	<b>cum</b> <b>14422.25</b>
9	12.4 52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.								
	Windrow Shed and Wet Tipping Platform		1	20.90	6.20		129.58		
	<b>total</b>						<b>129.58</b>	<b>441.00</b>	<b>cum</b> <b>57144.78</b>
10	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	7.5.3 Cement Mortar 1:4 (1 cement : 4 coarse sand)								
	Wall		1	51.80	0.20	0.35	3.63		
	<b>Subtotal</b>						<b>3.63</b>		
	<b>Deductions</b>								
	Opening		2	6.20	0.20	0.35	0.87		
	<b>Subtotal</b>						<b>0.87</b>		
	<b>total</b>						<b>2.76</b>	<b>3384.00</b>	<b>cum</b> <b>9333.07</b>
11	11.2 Providing and making 12mm thick cement plaster of mix:								
	11.2.4 In Cement Mortar 1:6 (1 cement : 6 fine sand)								
	Internal wall	1	1	51.80		0.35	18.13		
	C1(300X300)	1	12	0.30		0.35	1.26		
	<b>Subtotal</b>						<b>19.39</b>		
	<b>Openings</b>								
	Opening		2	6.20		0.35	4.34		
	<b>Subtotal</b>						<b>4.34</b>		
	<b>total</b>						<b>15.05</b>	<b>91.50</b>	<b>sqm</b> <b>1377.08</b>
12	11.3 Providing and making 15mm thick cement plaster on the rough side of single or half brick wall								
	11.3.3 In Cement Mortar 1:5 (1 cement : 5 fine sand)								
	External Wall	1	1	51.80		0.35	18.13		
	C1(300X300)	1	12	0.30		0.35	1.26		
	<b>total</b>						<b>19.39</b>	<b>113.00</b>	<b>sqm</b> <b>2191.07</b>

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16	10.12 Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.										
	PWD S.O.R.-P-91/I-10.11										
	Roofing		2	22.30	3.80		169.48				
	total						169.48	693.00	sqm	117449.64	
17	10.16 Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :										
	10.16.1 Ridges plain (500-600mm)										
	Ridge		1	22.30			22.30				
	total						22.30	552.00	mtr	12309.60	
18	10.16.6 Gutter. (600 mm over all girth).										
	Gutter		2	22.30			44.60				
	total						44.60	629.00	mtr	28053.40	
19	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work										
	As per Ammendment no 08, 05/05/2025 item no.14.76										
	On Steel Structure										
	pole	1.5	2	48.00			144.00				
	Truss	1.5	2	177.90			533.70				
	total						677.70	43.00	sqm	29141.10	
20	18.76 Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.										
	18.76.2 110 mm dia pipe.										
	Rain water Pipe		6	4.00			24.00				
	total						24.00	267.00	mtr	6408.00	
										Total	787342.17
										Add 8% Electrical and Plumbing Work	62987.37
										Grand Total for 1 Window Shed	850329.55

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NAGAR PANCHAYAT SARGAON, DISTT. MUNGELI (C.G.)									
" PROPOSED LEACHATE TANK 5.00X2.00X1.50 M "									
S.N o.	PARTICULAR	NO.	L	B	H/D	QTY.	UNIT	RATE ( in Rs.)	AMOUNT (in Rs.)
1	Excavation for all types and sizes of foundations trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at teats 5m away from the excavated area), including dressing and leveling of pits. 1.1.1) In all types of soil								
	(BUILDING SOR ITEM NO.-1.1/9)	1	5.70	2.70	2.10	32.32	CUM	185.00	5979.02
2	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm. In depth consolidation each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5M.								
	Excavated Area-	1	5.70	2.70	2.10	32.32			
	Deduction Tank Area-	-1	5.40	2.40	1.50	-19.44			
	P.C.C.-	-1	5.70	2.70	0.15	-2.31			
	(BUILDING SOR ITEM NO.-1.17/11)					10.57	CUM	65.00	687.08
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
	(BUILDING SOR ITEM NO.- 1.18/11)	1	5.70	2.70	0.15	2.31	CUM	371.00	856.45
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of from work. 3.1.3) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)								
	(BUILDING SOR ITEM NO.- 3.1.3/23)	1	5.70	2.70	0.15	2.31	CUM	2970.00	6856.25
5	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all works upto floor five level excluding cost of reinforcement and form work. 3.2.1) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size)								
	Bottom Slab-	1	5.40	2.40	0.15	1.94			
	Top Slab-	1	5.40	2.40	0.15	1.94			
	Deduction-	-2	0.60	0.60	0.15	-0.11			
	(BUILDING SOR ITEM NO.- 3.2.1/23)					3.78	CUM	4163.00	15736.14
6	Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								
	Bottom Slab-	1	14.40	-	0.15	2.16			

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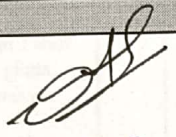
	(BUILDING SOR ITEM NO.- 2.1.1/16)					2.16	SQ.M	139.00	300.00
7	2.1.7) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	Top Slab-	1	5.40	2.40	-	12.96			
	side	1	14.40	-	0.15	2.16			
	Deduction-	-2	0.60	0.60	-	-0.72			
						14.40	SQM	235.00	3384.00
	(BUILDING SOR ITEM NO.-2.1.7/16)								
8	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting bending binding etc. complete as per drawings including cost of binding wire all complete: Thermo-Mechanically treated bars FE 415								
		Qty.as per item no. 5				3.78			
		80 kg/cum				302.40	KG	54.50	16480.80
	(BUILDING SOR ITEM NO.-3.12.1/24)								
9	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 40 in foundation and plinth in:								
	(SOR. ITEM NO.- 7.5.4/45)								
	Cement Mortar 1:6 (1 cement : 6 coarse sand )								
	Extra for brick work in superstructure:								
	(SOR. ITEM NO.- 7.6/45)								
	Leachate Tank Wall	1	14.40	0.20	1.50	4.32			
						4.32	CUM	3384.00	14618.88
10	Providing and making 6 mm thick cement plaster of mix								
	(SOR. ITEM NO.-11.1/103)								
	11.1.2 ) In Cement mortar 1:4 (1 cement : 4 fine sand)								
	Inside Plaster	1	14.40		1.50	21.60			
						21.60	SQM	87.00	1879.20
11	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design.								
	20 11 1 With 20x20 mm square bar	2	-	-	-	2.00	NOS.	168.00	336.00
	(BUILDING SOR ITEM NO.-20.11/191)								
12	Providing and fixing in position precast R.C.C. manhole cover and frame L D- 2.5 of required shape and approved quality Rectangular shape 600x450mm internal dimensions								
		2	-	-	-	2.00	EACH	1031.00	2062.00
	( BUILDING SOR ITEM NO.-20.15.1/192)								
13	25mm thick cement concrete flooring with 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with floating cost of neat cement.								
		1	5.00	2.00	-	10.00	SQM	165.00	1650.00
	(BUILDING SOR ITEM NO.-12.2/111)								


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14	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 150 mm dia pipe								
	Leachate Drain Pipeline	1	12.00	-	-	12.00	MTR	440.00	5280.00
	(BUILDING SOR ITEM NO.- 18.76/170)								
Cost of 1 Leachate Tank Rs.									76105.82

  
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## ESTIMATE FOR CHAINLINK FENCING

SN	DESCRIPTION	No.	L	W	H/D	QTY	Rate	U	Amount
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soil PWD S.O.R.-P-09/I-1.1.1 Main Wall Along Road	1	87.50	0.50	0.80	35.00			
	total					35.00	185.00	cum	6475.00
2	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M .PWD S.O.R.-P-09/I-1.17					35.00			
	Deduction					-4.38			
						-4.38			
						-13.13			
						13.13	65.00	cum	853.13
3	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Building sor 2015item no. 1.18								
	below pcc	1	87.50	0.50	0.10	4.38	371.00	cum	1623.13
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size). PWD S.O.R.-P-23/I-3.1.3 Main Wall Along Road	1	87.50	0.50	0.10	4.38			
	total					4.38	2970.00	cum	12993.75
5	7.5 Brick work with modular flyash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) PWD S.O.R.-P-45/I-7.5.4								
	up-to Ground Level	1	87.50	0.30	0.30	7.88			
	Main Wall Along Road	1	87.50	0.20	0.30	5.25			
						13.13	3263.0	cum	42826.88
	total								

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6	7.5 Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: 7.5.4 Cement Mortar 1:6 (1 cement : 6 coarse sand) PWD S.O.R.-P-45/I-7.5.4								
	Above Ground Level Main Wall Along Road	1	87.50	0.20	0.55	9.63			
	Deduct	36	0.20	0.20	0.55	-0.80			
	total					8.82	3263.00	cum	28789.18
7	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work. PWD S.O.R.-P-24/I-3.13								
	PWD S.O.R.-P-24/I-3.13								
	Main Wall Along Road	1	87.50	0.20	0.05	0.88			
	total					0.88	4237.00	cum	3707.38
8	12mm thick cement plaster of mix:In Cement Mortar 1:6 (1 cement: 6 fine sand) PWD S.O.R.-P-103/I-11.2.4 Main Wall Along Road Subtotal								
	Main Wall Along Road	2	1	87.50	0.70	122.50			
	total					122.50	91.50	sqm	11208.75
9	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty) no 08, 05/05/2025 item no.14.67 As per Ammendment no 08, 05/05/2025 item no.14.67					122.50			
	total					122.50	70.00	sqm	8575.00
10	Steel work in tubular structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts,nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.								

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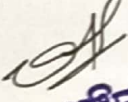



	Electric resistance or induction butt welded tubes [S.O.R. Page no. 85 I- 9.3.1]									
	M S 40X40 x4.00 mm Th. Post @ 4.09kg/ Rmt	36	2.35		4.09	350.42				
	M S Frame 20x20x2.80 mm Th. partition pipe @ 1.56 kg/ Rmt	36	7.70		1.56	280.73				
	Bottom /Side	12	36	0.05	1.56	34.13				
						665.27	88.50	Kg		58876.70
11	9.42 Providing and fixing in position welded steel wire fabric to concrete/ wooden/ angle iron posts including securing and screwing with G.I. tying wire, G.I. staples, G.I.U-nails or steel pins etc., complete PWD S.O.R.-P-84/I-9.42 9.42.1 Aperture 75x25mm	36	2.2		1.65	132.34				
						132.34	551.00	Sqm		72921.41
12	Providing and applying priming coat on steel work with red Oxide/ zinc phosphate primer applied @ 0.50 lit /Sqm as per relevant code 3536:1999 ( product such as Asian Zinc phosphate , Dulux Steel primer, Burger Red oxide primer ) with all tools tackles and labour etc. complete for the work									
	Satin synthetic enamel paint As per Ammdement no 08, 05/05/2025 item no.14.74									
		36	1.75		0.16	10.21				
		36	7.70		0.08	22.46				
		12	36	0.05	0.08	1.75				
						34.42	35.00	Sqm		1204.58
13	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work									
	As per Ammdement no 08, 05/05/2025 item no.14.76					34.42	43.00	Sqm		1479.92
14	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer. 9.3.1 Electric resistance or induction butt welded tubes Grade-250	1	3	30	2.1	189.00	88.50	kg		16726.50

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Total	268261.28
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NAGAR PANCHAYAT SARGAON, DISTT. MUNGELI (C.G.)										
(As per P.W.D ROAD S.O.R. W.E.F. 01.01.2025)										
S.N.	I.N.	PARTICULAR	NO	L	B	H/d	Q	UNIT	RATE	AMOUNT
1	3.2	Excavation in Soil (by Mechanical Means.) Excavation for roadway in soil using mechanical means including loading in tipper for carrying of cut earth to embankment site and unloading with all lifts and lead upto 1000 meters as per relevant clauses of section 300								
			1	34.50	3.00	0.15	15.53	cum	103.00	1599.08
2	4.1	Granular Sub-base as per Table :- 400-1								
	A/ii	Construction of granular sub base by providing close graded material carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface watering rolling and compacting with vibratory power roller at OMC to achieve the desired density complete as per clause 401								
		For Sub-base cum drainage layer or upper sub-base (@) with								
	(ii)	Grading- IV Material	1	34.50	3.00	0.15	15.53	cum	1536.00	23846.40
3	1.1	Transportation of metal i/c loading & unloading For a lead upto 1 Km.								
		80% Of Excavated Qty.					12.42	cum	100.00	1242.00
4	6.3	Providing and laying cement concrete for plain concrete/ reinforced concrete i/c form work, shuttering complete in as per drawings and specifications. ( For Village roads )								
	1	P.C.C. M-10	1	34.50	3.00	0.10	10.35	cum	3449.00	35697.15
5	6.4	Providing and laying Un-reinforced Cement Concrete without Dowel bars including formwork and expansion, contraction & longitudinal joints as per design and as per IRC-62, over a prepared base as per approved mix design and finishing to lines and grade as per Drawing for Pavement thickness less than 200mm in Low Volume Roads. With Cement concrete grade M-30 and minimum cement content @ 375 kg/cum								
		P.C.C. M-30	1	34.50	3.00	0.15	15.53	cum	4748.00	73712.70
									<b>TOTAL</b>	<b>136097.33</b>

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NAGAR PANCHAYAT SARGAON, DISTT. MUNGELI (C.G.)										
Revamping of SLRM Centre										
(Building SOR Items) W.E.F. - 01/01/2015										
S NO.	ITEM NO.	DESCRIPTION	NO.	L	B	H/D	QTY	UNIT	RATE	AMOUNT
RAIN WATER PIPE										
1	18.76.2	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete. 18.76.2 110 mm dia pipe. Rain water Pipe								
			4.00	4.00			16.00			
							16.00	Mtr.	267.00	4272.00
2	10.16.6	Gutter. (600 mm over all girth).	2.00	27.90			55.80	Mtr.	629.00	35098.20
PROPOSED FILLING AND KOTA STONE WORK										
1	16.3.3	Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within 50 metres lead. In cement mortar.								
		Wash area	4	1.80	0.20	0.90	1.30			
			2	5.20	0.20	0.90	1.87			
							3.17	cum	263.00	833.18
2	16.52	Removing barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metre lead. 25KGPer sqm	1.00	22.56		1.20	676.80	kg	7.70	5211.36
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
		Wash area	4	1.80	0.20	0.10	0.14			
			2	5.20	0.20	0.10	0.21			
							0.35	Cum	2970.00	1045.44
4	16.8	Dismantling flag stone flooring laid in cement/lime mortar including stacking of serviceable material and disposal of unserviceable material within 50 metre lead.								
		Existing Floor Area	1.00	23.7	9.60		227.52			
			1.00	9.60	3.00		28.80			
			1.00	6.00	3.00		18.00			
							274.32	sqm	57.00	15636.24
5	12.49	25 mm thick KOTA stone slab flooring over 20mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be over 0.20 sqm and upto 0.50 sqm)								
		Existing Floor Area					274.32			
							274.32	sqm	897.00	246065.04

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PAINTING & PLASTER WORK FOR SLRM CENTRE									
1	As per Amendment no 08, 05/05/20 25 item no.16.62	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum two coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant L.S. Code 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, Opus Style/lite economy emulsion product such as Asian Tactor Spark Dulux Promise sheen, Neroloc Liti Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.							
		Inner wall							
		SLRM	2.00	23.70		0.90	42.66		
			1.00	9.60		0.90	8.64		
			1.00	2.20		0.90	1.98		
			2x2	9.60		3.20	122.88		
			1.00	9.60		3.20	30.72		
			6.00	3.00		3.20	57.60		
		Deduction							
		D	2.00	2.70		0.90	-4.86		
		D1	3.00	0.90		2.10	-5.67		
		W	3.00	1.50		1.50	-6.75		
						Total	247.20	Sqm	64.00
									15820.80
2	As per Amendment no 08, 05/05/20 25 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus , Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)							
		Outer wall							
		SLRM	2.00	27.30		0.90	49.14		
			2.00	3.40		3.20	21.76		
			1.00	10.00		3.20	32.00		
			1.00	10.00		0.90	9.00		
		boundary wall	2.00	143.50		1.50	430.50		
		Deduction							
		D	3.00	3.00		2.10	-18.90		
			1.00	2.70		0.90	-2.43		
						Total	521.07	Sqm	70.00
									36474.90
3	As per Amendment no 08, 05/05/20 25 item no.14.76	Providing and applying Aluminium paint minimum 2 coats in all metal surface applying @ 0.75 li/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite aluminium paint, Dulux Aliminium paint, Burger Superior Aluminium Paint) with all tools tackle and labour etc. complete for the work							
		For SLRM Fencing	2.00	23.70		1.20	56.88		
			1.00	9.60		1.20	11.52		
			1.00	27.80		1.20	33.36		
							101.76		
			101.76	x	2.50		254.40	sqm	43.00
									10939.20

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FLOORING									
1	12.4	52 mm thick cement concrete flooring with under layer of 40mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer of 12 mm thick cement metallic hardener concrete mix 1:2 (1 cement hardener mix : 2 stone aggregate of 6 mm size by volume) with metallic hardening compound of approved quality mixed with cement in ratio of 4:1 (4 cement : 1 metallic floor hardening compound by weight) including finishing etc. complete.							
		PARKING SHED AREA	1	7.00	8.00		56		
			1	2.50	34.60		86.5		
							142.50	sqm	441.00 62842.50
SYNTEX									
1	19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	1				1000.00	LITER	7.3 7300.00
2	19.7	Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:							
	19.7.2	20 mm dia. nominal bore	1	10.00			10.00	METER	185.00 1850.00
							Grand Total		
							443388.86		
							Electrification work @ 3 %		
							13301.67		
							Grand Total		
							456690.53		

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S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT	
1	16.6	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work including arches, stacking of serviceable material and disposal of unserviceable material within 50 metres lead									
	16.6.2	In cement mortar					4.93	cum	603.00	2969.78	
2	12.74 AS PER AMMENDMENT	Providing and laying rectified ceramic glazed floor tiles of size 300x300mm and above conforming to IS : 15622 of approved make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete.									
		12.74.1 Size 300x300mm									
		area									
		Toilet	3	1.35			4.05				
		Urinal	1				0.88				
						Total	4.93	Sqm	779.00	3837.00	
3	As per Ammendment no 08, 05/05/2025 item no.14.57	Providing and applying 2mm thick white cement based Acrylic grade putty with minimum 3 coats applied @ 4.0 kg/ 10Sqm as per relevant IS code 17545:2021 (Product such as Asian trucare, Berger Happy walls Putty Birla Opus One pro smooth) to make the surface smooth and even with all tools tackles and labour etc. complete for the work . (This Item to be use in heigher grade painting works Item No. 14.65)									
		outer wall	1	11.70		2.20	25.74				
		inner wall	6	1.60		2.10	20.16				
			6	1.20		2.10	15.12	35.28			
						Total	61.02	Sqm	95.00	5797.00	
4	As per Ammendment no 08, 05/05/2025 item no.14.60	Providing and applying of Acrylic primer on all surface applied @0.80 litres/10 sqm as per relevant I.S. code 15489:1974 ( Product such as Asian Spark/suprimo , J.K. Primer, Dulux Acrylic Primer) with all tools tackles and labour etc; complete for the work.									
				-	-	-	61.02				
						Total	61.02	Sqm	37.00	2258.00	

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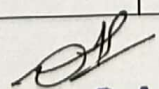
9	8.148.2	8.148 Providing and fixing factory made UPVC door frame made of UPVC profile section having an overall dimension as below (tolerance $\pm 1$ mm) with wall thickness $2.0\text{mm} \pm 0.2\text{mm}$ , corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. The hinge side vertical of the frames reinforced by galvanized M.S. tube of size 19 X 19mm and $1\text{mm} \pm 0.1\text{mm}$ wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer-in-charge 8.148.2 Extruded section Profile size 42x50 mm.									
		D1	3	4.95			14.85	Mtr	196.00	2910.60	
10	8.149.2	8.149 Providing and fixing factory made PVC door shutters of specified thickness made of styles and rails of a UPVC hollow section of specified size 59x24 mm and wall thickness 2 mm $\pm 0.2$ mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanized/ plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. 8.149.2 30 mm thick door shutters with styles and rails of size 60x30 mm									
		D1	3	0.75		2.10	4.73	Sqm	2488.00	11755.80	
11	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:									
	8.58.2	100x85x5.50 mm (Heavy Type)	9	-	-	-	9.00				
						Total	9.00	Each	195.00	1755.0	
12	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:									
	8.60.2	250x16mm	3	-	-	-	3.00				
						Total	3.00	Each	344.00	1032.0	
13	8.61	Providing and fixing brass door latch with brass polished MS screws complete:									
	8.61.2	250x16x5 mm	6	-	-	-	6.00				
						Total	6.00	Each	268.00	1608.0	
14	8.65	Providing and fixing bright finished brass door handles with brass polished MS screws complete:									

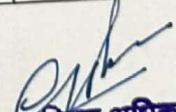
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	8.65.1	125 mm											
			6	-	-	-	6.00						
							Total	6.00	Each	55.50	333.0		
15	19.42	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank											
							500.00	litre	7.30	3650.0			
16	18.1	Providing and fixing water closet squatting pan (Indian type W.C. pan ), 100mm sand cast Iron P or S trap, 10 litre low level P.V.C. flushing cistern (same colour) conforming to IS : 7231, with flush bend and other fittings and fixtures complete including cutting and making good the walls and floors wherever required :											
	18.1.3	White Orissa pattern W.C. pan of size 580x440 mm					3.00	Each	2899.00	8697.0			
17	19.5	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.											
	19.5.2	20 mm nominal outer dia .Pipes					10.00	metre	167.00	1670.0			
18	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.											
	18.76.1	75 mm dia pipe.					6.00	Each	182.00	1092.0			
19	19.14	Providing and fixing 15 mm nominal bore C.P. brass fittings of approved make and conforming to IS:8931 including C.P. brass extension if required:											
	19.14.1	Bib cock (400 grams)					5.00	Each	382.00	1910.0			


  
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20	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.								
		Tee/ Tee with door/ Bend 45°/ Bend 90 75 mm dia pipe.					6.00	Each	154.00	924.00
									Total	62241.48

  
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NAGAR PANCHAYAT SARGAON, DISTT. MUNGLI (C.G.)											
S. No	SOR	PARTICULARS	NO.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT	
1	1.2	Surface dressing of the ground including removing vegetation and making up undulations and inequalities not exceeding 15 cms in depth/ height including disposal of rubbish upto 1.5 m lift and lead upto 50m (at least 5m away from the dressed area)									
		Plot Area	1	13.50	7.00	-	94.50				
						Total	94.50	Sqm	7.20	680.00	
2	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.									
	1.1.1	In all types of soil									
		Footing									
		F1	8	1.50	1.50	1.80	32.40				
		Below Plinth									
		Long Wall	2	10.70	0.40	0.20	1.71				
		Short Wall	2	4.40	0.40	0.20	0.70				
		step	1	1.20	1.00	0.20	0.24				
						Total	35.05	Cum	185.00	6484.00	
3	2	Extra for every additional lift of 1.5 m or part thereof.									
	1.6.1	All types of soil									
		F1	8	1.50	1.50	0.30	5.40				
						Total	5.40	Cum	26.50	143.00	
4	1.17	Filling from available excavated stuff (Excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50 M. and lift upto 1.5 M.									
							21.03				
		Filling At Side 60%				Total	21.03	Cum	65.00	1367.00	
5	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete									
		F1	8	1.50	1.50	0.10	1.80				
		Floor	1	11.10	4.60	0.50	25.53				
		step	1	1.20	1.00	0.20	0.24				
		Long Wall	2	10.70	0.40	0.10	0.86				
		Short Wall	2	4.40	0.40	0.10	0.35				
						Total	28.78	Cum	371.00	10677.00	

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6	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.											
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).											
		Below Footing	8	1.50	1.50	0.10	1.80						
		F1	1	10.70	4.40	0.10	4.71						
		Floor Area											
		Below Plinth Beam	2	10.70	0.30	0.10	0.64						
		Long Wall	2	4.40	0.30	0.10	0.26						
		Short Wall	1	1.20	1.00	0.10	0.12						
		step				Total	7.53	Cum	2970.00	22364.00			
7	3.13	Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including form work.											
		Long Wall	2	10.70	0.20	0.05	0.21						
		Short Wall	2	4.40	0.20	0.05	0.09						
						Total	0.30	Cum	4237.00	1271.00			
8	3.15	Applying a coat of hot bitumen VG-10 using @ 1.7kg/ sqm on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.											
		Long Wall	2	10.70	0.20	-	4.28						
		Short Wall	2	4.40	0.20	-	1.76						
						Total	6.04	Sqm	93.50	565.00			
9	3.2	Providing and laying nominal mix, reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work											
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).											
		Footing	8	1.20	1.20	0.30	3.46						
		F1											
		Column (Upto Ground Level)	8	0.20	0.30	1.30	0.62	2.15					
		C1											
		Column (Ground Lvl to Plinth Lvl)	8	0.20	0.30	0.60	0.29						
		C1											
		Column (Abv. Plinth Top to GF Slab Top)	8	0.20	0.30	3.10	1.49						
		C1											
		Plinth Beams											
		Outer at Ground Lvl	2	10.70	0.20	0.45	1.93						
		Long Wall	2	4.40	0.20	0.45	0.79						
		Short Wall											
		Lintel Beam	1	10.70	0.20	0.15	0.32						
		Long Wall											
		Chajja	1	11.50	0.60	0.075	0.52						
		Long Wall											

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		<b>Slab Beam</b>											
		Long Wall	2	10.70	0.20	0.45	1.93						
		Short Wall	4	4.40	0.20	0.45	1.58						
		<b>Slab</b>											
		All Area	1	10.90	4.80	0.125	6.54						
						Total	19.47	Cum	4163.00	81054.00			
10	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete.											
	3.12.1	Thermo-Mechanically treated bars FE 415											
		As per Item No-	1	19.47	-	-	19.47						
						Total	19.47	Cum					
		@ 100kg /Cum of Concrete	1	19.47	x	100.00	1947.00						
						Total	1947.00	Kg	54.50	106112.00			
11	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:											
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.											
		<b>Footing</b>											
		F1	8	4.80	-	0.30	11.52						
		<b>Column (Upto Ground Level)</b>											
		C1	8	1.00	-	1.30	10.40						
		<b>Column(Ground Lvl to Plinth Lvl)</b>											
		C1	8	1.00	-	0.60	4.80						
		<b>Plinth Beams</b>											
		Outer at Ground Lvl											
		Long Wall	2	10.70	-	0.90	19.26						
		Short Wall	2	4.40	-	0.90	7.92						
						Total	53.90	Sqm	139.00	7492.00			
	2.1.5	Columns, Pillars, Piers and likes-rectangular or square in shape Column (Abv. Plinth Top to GF Slab Top)											
		C1	8	1.00	-	3.10	24.80						
						Total	24.80	Sqm	297.00	7366.00			
	2.1.13	Weather shade, chhajja, Cornices and mouldings											
		Long Wall	1	11.50	0.60	-	6.90						
		Side	1	12.70	-	0.10	1.27						
						Total	8.17	Sqm	294.00	2402.00			
	2.1.8	Beams, lintels, cantilevers & walls											
		<b>Lintel Beam</b>											
		Long Wall	2	10.70	-	0.15	3.21						
		<b>Slab Beam</b>											
		Long Wall	4	10.70	-	0.45	19.26						
		Short Wall	8	4.40	-	0.45	15.84						
						Total	38.31	Sqm	202.00	7739.00			

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2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	Slab								
	All Area	1	11.30	4.80	-	54.24			
					Total	54.24	Sqm	235.00	12746.00
2.1.4	Edge of slab, breaks in floor and walls upto 200mm								
	Slab Edges at Slab Lvl	1	32.20	-	-	32.20			
					Total	32.20	Rm	34.00	1095.00
12	7.5	Brick work with modular fly-ash lime bricks (FALG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:							
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)							
		step	1	1.20	0.90	0.15	0.16		
		step	1	1.20	0.60	0.15	0.11		
		step	1	1.20	0.30	0.15	0.05		
					Total	0.32	Cum	3263.00	1057.00
13	7.5	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:							
	7.5.4	Cement Mortar 1:6 (1 cement : 6 coarse sand)							
	7.6	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:							
		Above Plinth							
		Long Wall	2	10.70	0.20	2.95	12.63		
		Short Wall	2	4.40	0.20	2.95	5.19		
		Parapet	2	11.50	0.20	0.60	2.76		
			2	4.60	0.20	0.60	1.10		
		Deduction							
		D	2	1.20	0.20	2.10	-1.01		
		W	2	1.50	0.20	1.20	-0.72		
					Total	19.95	Cum	3384.00	67511.00

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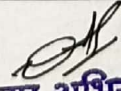
14	9.47	Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately:										
	9.47.2	For shutter of doors, windows & ventilators including providing and making provision for fixing of fitting wherever required including the cost of PVC/ neoprene gasket required (Fittings shall be paid for separately).										
		W	2	1.50	-	1.20	3.60					
						Total	3.60	Sqm				
		For Weight	1	3.60	x	15.00	54.00	Kg				
						Total	54.00	Kg	338.00	18252.00		
15	12.79.1 AS PER AMMEN DMENT	Providing and laying vitrified floor tiles with double charge/ multi charge printing with water absorption less than 0.5% and conforming to IS : 15622 of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.										
		12.79.1 Size 600x600mm										
		area										
			1	11.10	4.60		51.06					
						Total	51.06	Sqm	1082.00	55247.00		

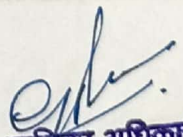
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16	12.50	KOTA stone slab 25mm thick in risers and treads of steps, skirting dado and pillar laid in 12mm (Average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete. (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado up to length of 1.0 M.)								
		Steps	4.00	1.20	0.75		3.60			
							3.60	sqm	990.00	3564.00
17	11.1	Providing and making 6mm thick cement plaster of mix:								
	11.1.2	In Cement mortar 1:4 (1 cement : 4 fine sand)								
							24.80			
							8.17			
							35.10			
							54.24			
			1	32.20		0.125	4.03			
						Total	126.34	Sqm	87.00	10991.00
18	11.2	Providing and making 12mm thick cement plaster of mix:								
	11.2.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
			2	11.10		3.00	66.60			
			2	4.60		3.00	27.60			
		Deduction								
		D	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
						Total	85.56	Sqm	91.50	7829.00
19	11.3	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	11.3.4	In Cement Mortar 1:6 (1 cement : 6 fine sand)								
		Outer Plaster								
		Long Wall	2	11.50	-	5.10	117.30			
		Short Wall	2	5.00	-	5.10	51.00			
		Deduction								
		D	2	1.20		2.10	-5.04			
		W	2	1.50		1.20	-3.60			
						Total	159.66	Sqm	107.00	17084.00

  
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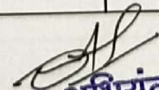


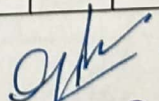
23	As per Amendment no 08, 05/05/20 25 item no.14.67	Providing and applying on exterior surface with ECONOMY Exterior Emulsion paint of required shades to give protective and water proof finish minimum three coats applied @ 1.43 lit / 10Sqm up to final finish as per relevant I.S, Code 15489:2013 Type -2 Class D,C (Glossy /Semi Glossy finish ) (Product such as Asian Ace,Dulux Promise Exterior Berger Wall Masta ,Nerolac Suraksha Plus ,Nippon Shogun Opus, One Style Power Bright) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work (With 2 Year Warranty)								
				-	-	-	159.66			
						Total	159.66	Sqm	70.00	11176.00
24	4.21	Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer								
			1	11.50	5.00		57.50			
						Total	57.50	Sqm	611.00	35133.0
25	8.3	Providing 40x5mm iron hold fast 40cm long including fixing to frame with 10mm bolts nuts and wooden plug and embedding in Cement Concrete 1:2:4 in blocks of size 30x10x15cm								
		DOOR	12	-	-	-	12.00			
						Total	12.00	Each	72.50	870.0
26	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.2	35 mm. thick (single leaf)								

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8.15	Extra for double leaf shutter instead of single leaf.								
	Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	2	1.20	-	2.10	5.04			
					Total	5.04	Sqm	2057.00	10367.0
27	8.58	Providing and fixing bright finished brass butt hinges with brass polished MS screws complete:							
	8.58.2	100x85x5.50 mm (Heavy Type)							
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	12	-	-	-	12.00		
					Total	12.00	Each	195.00	2340.0
28	8.60	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete:							
	8.60.2	250x16mm							
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	2	-	-	-	2.00		
					Total	2.00	Each	344.00	688.0

  
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29	8.61	Providing and fixing brass door latch with brass polished MS screws complete:										
	8.61.2	250x16x5 mm										
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	2	-	-	-	2.00					
							Total	2.00	Each	268.00	536.0	
30	8.62	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete:										
	8.62.2	200x10mm										
		Providing post water proofing treatment against dampness & Seepage in roof, terraces, sunken floor of toilets with reinforced acrylic breathable (polymer content 35%, elongation at break at > 100%) coating consisting of following operations: i) Removing loose material and cleaning the surface. ii) Priming in one coat with water based acrylic emulsion. iii) Three coats with reinforced acrylic breathable polymer	2	-	-	-	2.00					
							Total	2.00	Each	231.00	462.0	
31	8.65	Providing and fixing bright finished brass door handles with brass polished MS screws complete:										
	8.65.1	125 mm	4	-	-	-	4.00					
							Total	4.00	Each	55.50	222.0	
32	9.15	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.										
			2	1.50	-	1.20	3.60					
							3.60	Sqm				
		For Qty of steel= Area x 30.0 kg/Sqm	1	3.60	x	30.00	108.00					
							Total	108.00	kg	67.50	7290.0	

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NAGAR PANCHAYAT SARGAON, DISTT. MUNGELI (C.G.)										
Based on C. G. P.W.D BUILDING S.O.R. IN FORCE FROM 1 JAN 2015										
Based on C. G. P.H.E.D BUILDING S.O.R. IN FORCE FROM 7 MAR 2020										
SN	DESCRIPTION OF ITEM	1	NOS	MEASUREMENT			QTY	RATE	UNIT	AMOUNT
				L	B	H/D				
I	II		III	IV	V	VI	VII	VIII	IX	X
1	21.1 Boring/drilling bore well perfectly vertical for the specified depth suitable to receive required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge up to 90 metre depth below ground level.									
	21.1.1 All types of soil									
	21.1.1.3 150 mm dia		1	18.00			18.00			
	[PWD S.O.R. P-198/I-21.1.1						18.00	339.00	meter	6102.00
	total									
2	21.1.2 Rocky strata including Boulders.									
	21.1.2.3 150 mm dia.		1	72.00			72.00			
	[PWD S.O.R. P-198/I-21.1.2						72.00	396.00	meter	28512.00
	total									
3	21.5 Supplying, assembling, lowering and fixing in vertical position in bore well, ISI marked G.I. casing pipe (Plain) medium class in 4 to 7 meters length one end fitted with socket as per IS: 1239 (Part-1&Part-2) 1992 with IVth revision (Up-to-date amendments), of reputed & approved make, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer- in-charge.									
	21.5.3 150 mm nominal dia		1	18.50			18.50			
	[PWD S.O.R. P-199/I-21.5.3						18.50	1304.00	meter	24124.00
	total									

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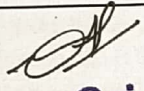
4	21.10 Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge								
	[PWD S.O.R. P-200/I-21.10	1	6.00			6.00			
	total					6.00	654.00	hour	3924.00
5	21.11 Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:								
	21.11.3 150 mm dia	1	1.00			1.00			
	[PWD S.O.R. P-200/I-21.11.3					1.00	217.00	each	217.00
	total								
6	19.7 Providing and fixing on wall surface G.I. pipes medium class complete with G.I. fittings and clamps, including cutting, making good the walls etc. and testing of joints complete:								
	19.7.6 50 mm dia.	1	45.00			45.00			
						45.00	471.00	meter	21195.00
	total								
7	34.20.106 Supplying & Installation of Energy efficient five star BEE rating ISI Marked required capacity of Three Phase, 50 Hz, 415V, deep well submersible pump Steel body, suitable for 6" tube well with Control Panel Starter suitable for Submersible pump with dry run protection, single phase preventer, connections, including clamps, bore cap etc. as required as per specifications but excluding pipe and connection cable.								
	(iii) 5 H.P. with 8 to 9 stages, Head Mt. 83-32 Discharge					1.00			
	[PHED S.O.R. P-351/I-34.20.106]	1				1.00	41775.00	each	41775.00
	total								
8	34.20.107 Supplying and laying of submersible flat cable ISI marked 3 core copper wire of suitable size with proper clamping of approved make								
	(iii) 6.0 Sq.mm. multi strand								

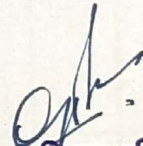
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[PHED S.O.R.P-352/I-34.20.107]		100				100.00			
total						100.00	170.00	per m	17000.00
Supply, installation, testing and commissioning of 5-7.5 HP 3 phase submersible motor starter cum control wall/ floor mounted type made out of not less than 1.6 mm thick MS sheet and comprising of following panel mounting switchgears there in including connection inter-connection etc. as required.									
9	a) Phase indicating lamps with fuses and toggle switches 1 set								
	b) 5/7.5 HP 3 phase DOL starter with over load and no volt relay 1 No								
	c) 32 A "C" curve TPMCB 1 No								
	d) Voltmeter 0-500 V with selector switch 1 set								
	e) Ammeter 0-10 A with CT's and selector switch 1 set.								
[PHED S.O.R.P-352/I-34.20.108]		1				1.00			
total						1.00	4152.00	each	4152.00
Estimated cost								147001.00	
Say in Lakh								1.47	

  
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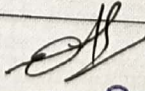
  
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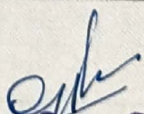


**DETAILED ESTIMATE**  
**NAME OF WORK :- ESTIMATE FOR CONSTRUCTION OF RAIN WATER HARVESTING**  
 (Type 1- पुनर्भरण पिट वर्गाकार/आयताकार)

CG PWD Building SOR inforced from 01.01.2015

S.	S.O.R.	Particulars of Items	No.	L.	B.	D.	Quantity	Unit	Rate	Amount
1	2	3	4	5	6	7	8	9	10	11
1	16.36	Dismantling terrazzo or mosaic or glazed vitreous or patent cement or tiled flooring or dado skirting of any thickness without sub								
2	16.43	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix	1	1.50	1.50	-	2.25	sqm	22.50	50.63
3	1.1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.	1	1.50	1.50	0.10	0.23	sqm	549.00	126.27
4	3.1.3	Providing and laying nominal mix plaincement concrete with crushedstone aggregate using concrete mixer in all works upto plinth leve lexcluding cost of form 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mmnominal size).	1	1.50	1.50	1.95	4.39	cum	185.00	811.69
			2	1.50	0.25	0.10	0.08			
			2	1.00	0.25	0.10	0.05			
		<b>Total</b>					0.13	cum	2970.00	386.10
5	3.1.5	Providing and laying nominal mix plaincement concrete with crushedstone aggregate using concrete mixer in all works upto plinth level excluding cost of form 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
		coping	2	1.50	0.25	0.05	0.04			
			2	1.00	0.25	0.05	0.03			
		<b>Total</b>					0.06	cum	4073.00	254.56
6	7.13	Half brick thick honey comb brick work with modular well burnt clay bricks of crushing strength not less than 35 kg/sqcm and water absorption not more than 20% upto plinth level.								
	7.13.1	Cement Mortar 1:3 (1 cement : 3 coarse sand)	2	1.50		0.9	2.70			
			2	1.00		0.9	1.80			
		<b>Total</b>					4.50	sqm	337.00	1516.50

  
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7	7.9	Half brick thick (9cm) brick masonry with modular well burnt clay bricks of crushing strength not less than 35 kg/sqcm and water absorption not more than 20% upto plinth										
	7.9.1	Cement Mortar 1:3 (1 cement : 3 Coarse sand)	2	1.50		0.85	2.55					
			2	1.00		0.85	1.7					
						Total	4.25	sqm	448.00	1904.00		
8	11.2.3	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)										
			4	1.25		1.75	8.75					
						Total	8.8	sqm	96.50	844.38		
9	3.2.1	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 3.2.1 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).										
		cover	1	1.60	1.60	0.10	0.26					
						Total	0.26	cum	4163.00	1065.73		
10	3.9	Extra for precast PCC/ RCC work of any mix including form work, hoisting and fixing in Cement Mortar. 1:2 (1 Cement : 2 coarse sand) and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement										
							0.26	cum	469.00	120.06		
11	3.12	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Cold twisted bar/Hot rolled deformed steel										
						0.26 x 60kg/cum	15.60	kg	53.50	834.60		
12	21.14	Supplying, filling, spreading & leveling stone boulders/ Gravels/ Coarse sand, in recharge pit, in the required layers and thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge. (excavation of pit will be paid separately).										
	21.14.1	Stone boulders of size range 5 cm to 20 cm, in recharge pit	1	1.25	1.25	0.60	0.94	cum	863.00	809.06		
		Stone boulders of size range 5 cm to 5 cm, in recharge pit	1	1.25	1.25	0.30	0.47	cum	863.00	404.53		
	21.14.2	Gravels of size range 5 mm to 10 mm, over the existing layer of boulders	1	1.25	1.25	0.20	0.31	cum	806.00	251.88		
	21.14.3	Coarse sand of size range 1.5 mm to 2 mm over existing layer of gravel	1	1.25	1.25	0.30	0.47	cum	471.00	220.78		

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13	18.76	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm										
	18.76.1	110mm dia pipe.	1	8.50			8.50	metre	267.00	2269.50		
14	18.77	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring										
	18.77.1	Tee/ Tee with door/ Bend 45°/ Bend 90°										
	18.77.1.1	110mm dia	1	5.00			5.00	each	154.00	770.00		
15	9.44	Providing and fixing "NETLON insect screens" with 25mm wide Hook and loop tape all around to wooden/ aluminium/ steel windows, ventilators and the like complete.										
			1	1.25	1.25		1.56	sqm	278.00	434.38		
		<b>SOR TOTAL</b>								<b>13074.64</b>		
	Non sor	COAL	30				30.0	KG	45.00	1350.00		
		ALUM	6				6.0	KG	90.00	540.00		
		<b>NON SOR TOTAL</b>								<b>1890.00</b>		
		<b>GRAND TOTAL RS</b>								<b>14964.64</b>		
		<b>SAY RS.</b>								<b>15000.00</b>		

Sub Engineer  
UAD Raipur

Assistant Engineer  
City Director  
Urban Administration & Development  
C.G. Raipur

Executive Engineer  
Dir. Urban Administration & Development  
C.G. Raipur

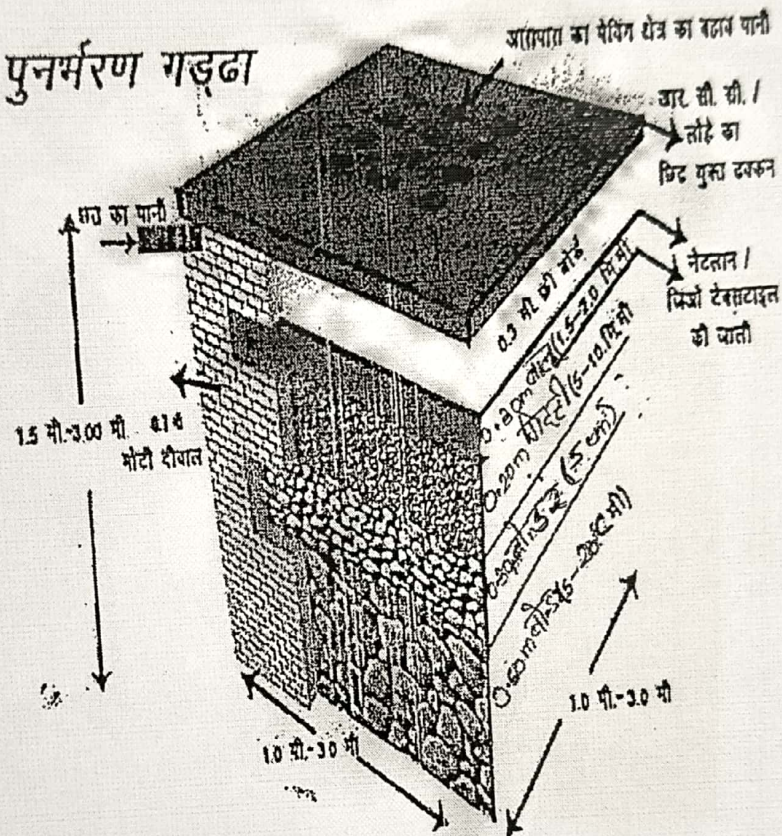
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# भू-जल पुनर्भरण: तरीके एवं तकनीक: पुनर्भरण पिट(गड्ढा)

## पुनर्भरण गड्ढा



## वर्गाकार/आयताकार

1. यह तकनीक लगभग 200 वर्ग मी. तक वाली छत के लिए उपयुक्त है।
2. डिजाइन संकेत है। वास्तविक डिजाइन साईट की परिस्थिति पर निर्भर करता है।

पैसा गिनो दो बार, पानी बचत हर बार

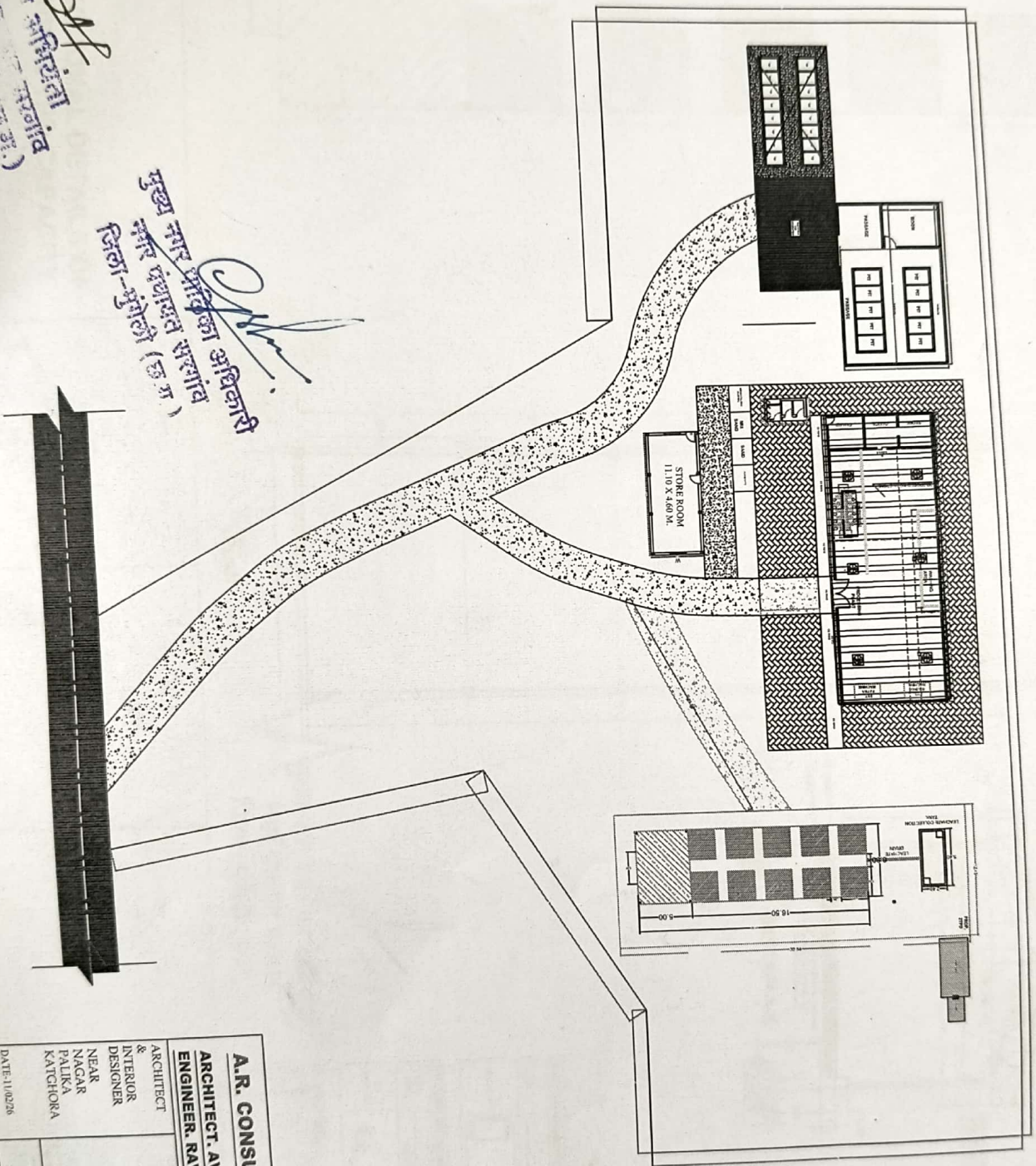
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जिला-मुंबई (छ.ग.)

Assistant Engineer  
Urban Administration & Development  
C.G. Raipur  
14/06/20



# NAGAR PANCHAYAT SARGAO, SLRM 2.0. DISTT. MUNGELI (C.G.)



मुख्य नगर पंचायत सारगांव  
जिला-मुंगेली (छ.ग.)

अ.र. कंसल्टन्सी  
कॉर्पोरेशन प्रा. लि.  
जिला-मुंगेली (छ.ग.)

**A.R. CONSULTANCY, KORBA**  
**ARCHITECT. AVINASH MARKAM**  
**ENGINEER. RAVIKANT DIXENA**

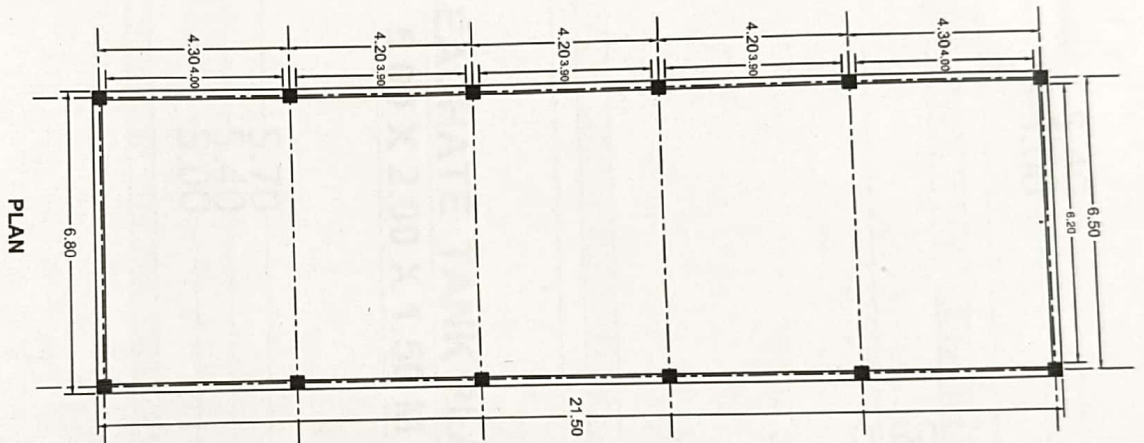
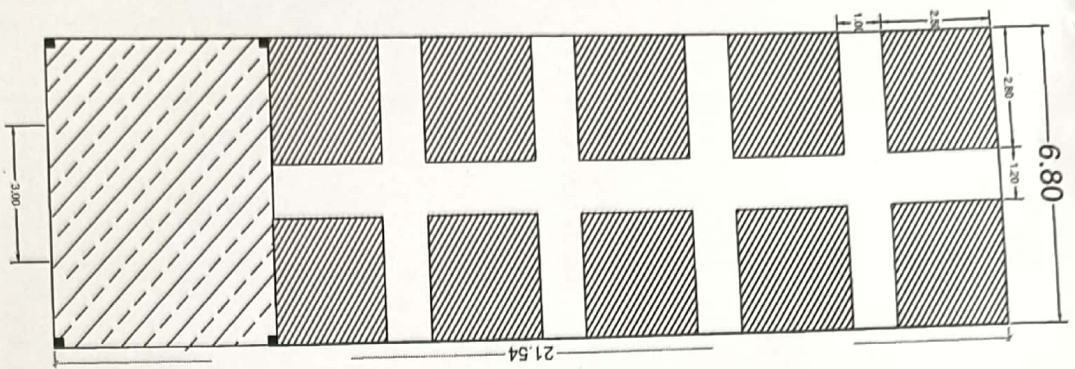
ARCHITECT  
&  
INTERIOR  
DESIGNER  
NEAR  
NAGAR  
PALIKA  
KATCHORA

DATE: 11/02/26

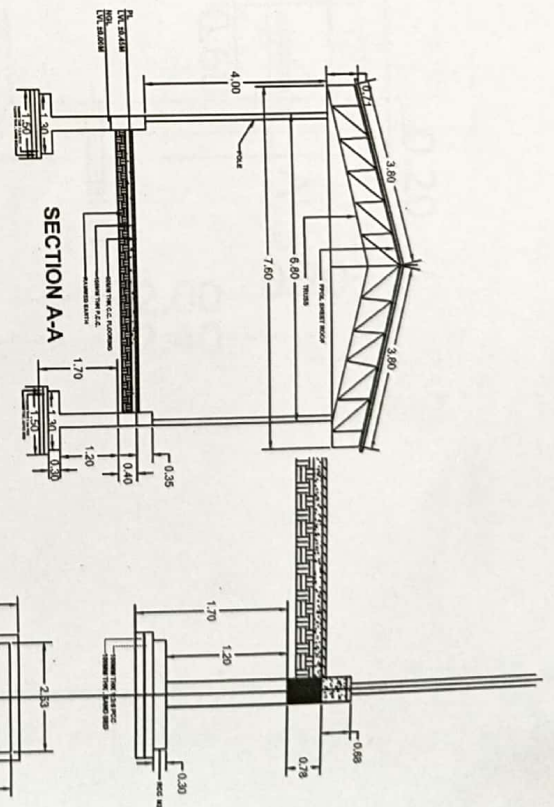
DRAWN BY: ER. JIVESH JAISWAL  
8889203662



# PLAN AND SECTIONAL DETAILS OF WINDROW SHED 2 TPD CAPACITY



PLAN



GROUND BEAM DETAIL			
NO.	DESCRIPTION	NO.	DESCRIPTION
1	GROUND BEAM (100x100)	2	GROUND BEAM (100x100)
3	GROUND BEAM (100x100)	4	GROUND BEAM (100x100)
5	GROUND BEAM (100x100)	6	GROUND BEAM (100x100)
7	GROUND BEAM (100x100)	8	GROUND BEAM (100x100)
9	GROUND BEAM (100x100)	10	GROUND BEAM (100x100)
11	GROUND BEAM (100x100)	12	GROUND BEAM (100x100)
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15	GROUND BEAM (100x100)	16	GROUND BEAM (100x100)
17	GROUND BEAM (100x100)	18	GROUND BEAM (100x100)
19	GROUND BEAM (100x100)	20	GROUND BEAM (100x100)
21	GROUND BEAM (100x100)	22	GROUND BEAM (100x100)
23	GROUND BEAM (100x100)	24	GROUND BEAM (100x100)
25	GROUND BEAM (100x100)	26	GROUND BEAM (100x100)
27	GROUND BEAM (100x100)	28	GROUND BEAM (100x100)
29	GROUND BEAM (100x100)	30	GROUND BEAM (100x100)
31	GROUND BEAM (100x100)	32	GROUND BEAM (100x100)
33	GROUND BEAM (100x100)	34	GROUND BEAM (100x100)
35	GROUND BEAM (100x100)	36	GROUND BEAM (100x100)
37	GROUND BEAM (100x100)	38	GROUND BEAM (100x100)
39	GROUND BEAM (100x100)	40	GROUND BEAM (100x100)
41	GROUND BEAM (100x100)	42	GROUND BEAM (100x100)
43	GROUND BEAM (100x100)	44	GROUND BEAM (100x100)
45	GROUND BEAM (100x100)	46	GROUND BEAM (100x100)
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89	GROUND BEAM (100x100)	90	GROUND BEAM (100x100)
91	GROUND BEAM (100x100)	92	GROUND BEAM (100x100)
93	GROUND BEAM (100x100)	94	GROUND BEAM (100x100)
95	GROUND BEAM (100x100)	96	GROUND BEAM (100x100)
97	GROUND BEAM (100x100)	98	GROUND BEAM (100x100)
99	GROUND BEAM (100x100)	100	GROUND BEAM (100x100)

COLUMN DETAILS			
COL. TYPE	UPTO PLINTH	ABOVE PLINTH	
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C3	300x300	300x300	
C4	300x300	300x300	
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C100	300x300	300x300	

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FOOTING DETAILS			
FOOTING NO.	FOOTING L	FOOTING B	FOOTING D
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F3	1500	1500	200
F4	1500	1500	200
F5	1500	1500	200
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F79	1500	1500	200
F80	1500	1500	200
F81	1500	1500	200
F82	1500	1500	200
F83	1500	1500	200
F84	1500	1500	200
F85	1500	1500	200
F86	1500	1500	200
F87	1500	1500	200
F88	1500	1500	200
F89	1500	1500	200
F90	1500	1500	200
F91	1500	1500	200
F92	1500	1500	200
F93	1500	1500	200
F94	1500	1500	200
F95	1500	1500	200
F96	1500	1500	200
F97	1500	1500	200
F98	1500	1500	200
F99	1500	1500	200
F100	1500	1500	200

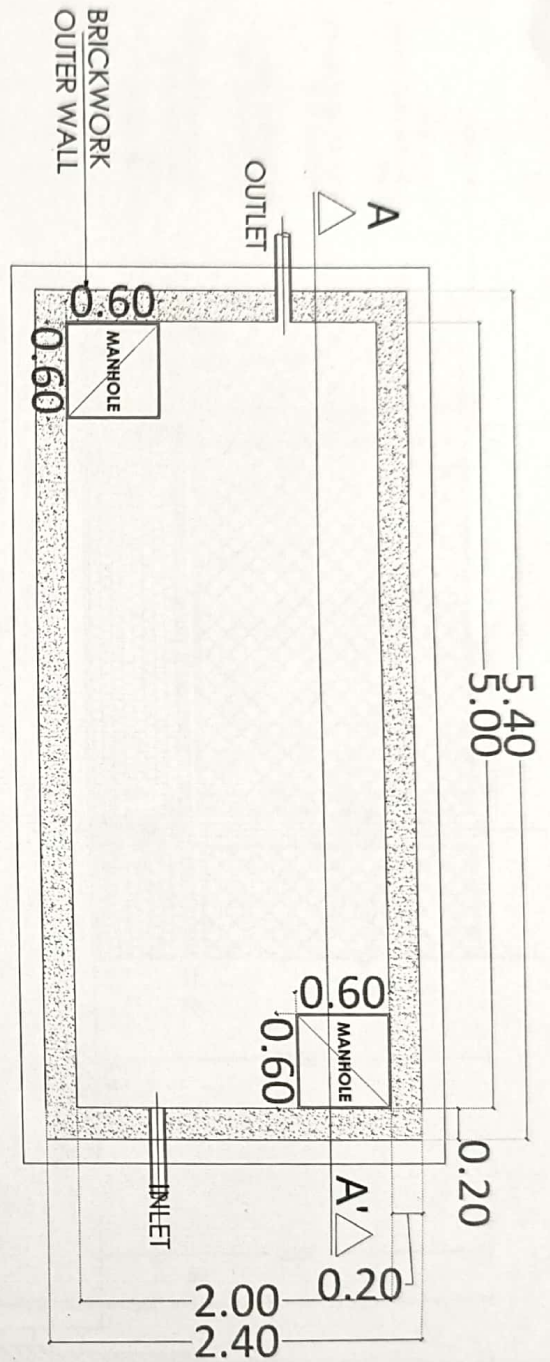
A.R. CONSULTANCY, KORBIA  
ARCHITECT. AVINASH MARKAM  
ENGINEER. RAVIKANT DIXENA

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

ARCHITECT & INTERIOR DESIGNER  
NEAR NAGAR PALIKA KATICHORA  
8839689823  
DATE: 23/01/23

DRAWN BY: ER. JIVESH JAISWAL  
8889203662



## LEACHATE TANK PLAN

### 5.00 X 2.00 X 1.50 M

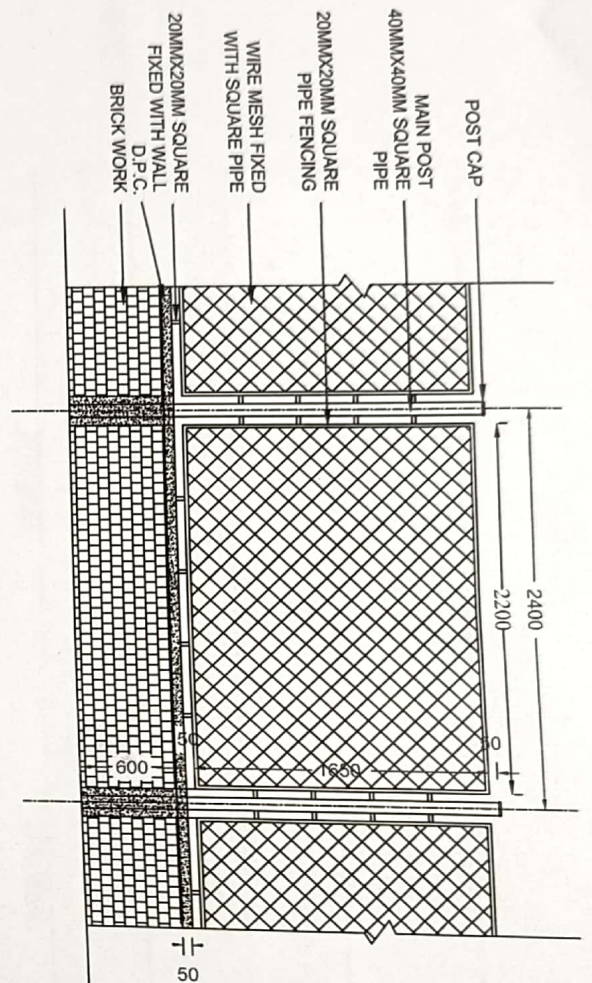


## SECTION A-A'

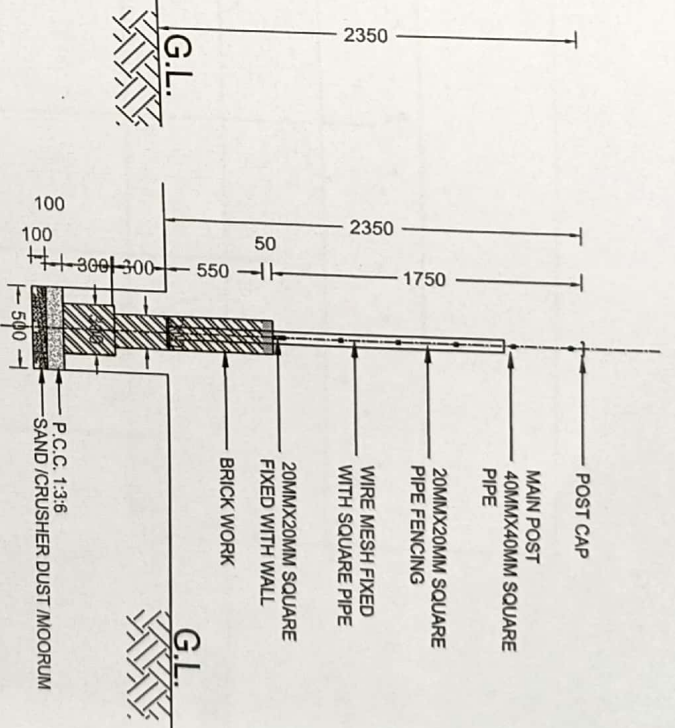
उप अधिकारी  
नगर पंचायत सरगांव  
जिला-मुंबई (उ.ग.)

मुख्य नगरपालिका अधिकारी  
नगर पंचायत सरगांव  
जिला-मुंबई (उ.ग.)

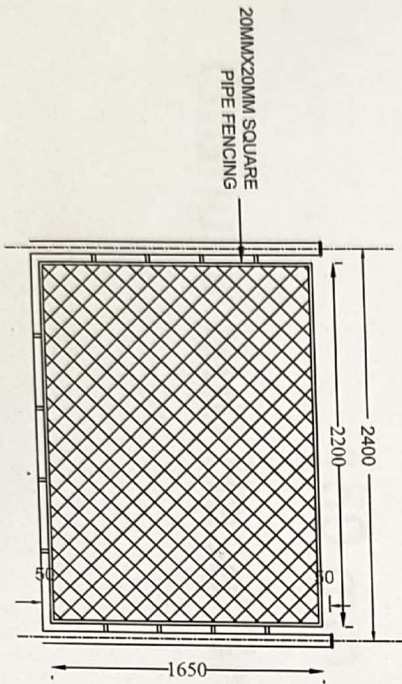




TYPICAL ELEVATION OF FENCING



CROSS SECTION OF CHAIN LINK FENCING



TYPICAL PLAN OF FENCING

PROJECT:-

SECTION DESIGN OF FENCING

SEAL & SIGN

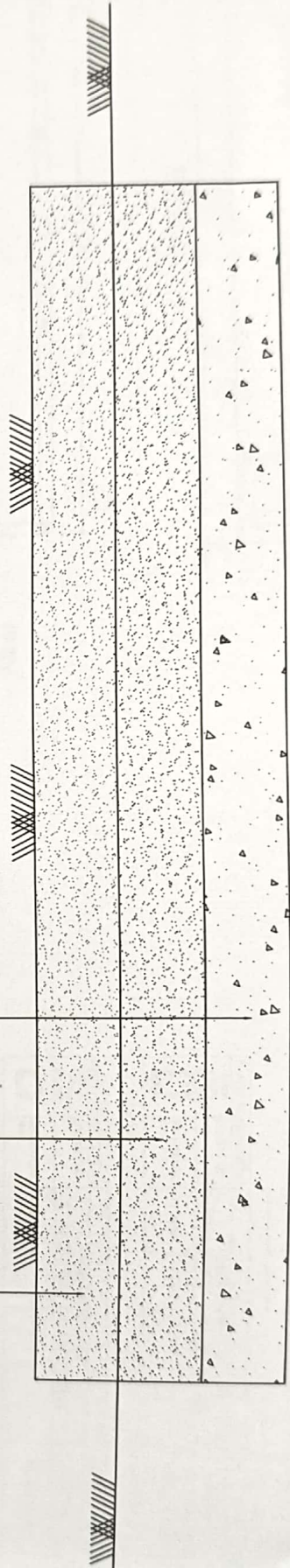
मुख्या नगरपालिका अधिकारी  
नगर प्रशासन (छ.ग.)  
जिला-मुंगेली (छ.ग.)

मुख्या नगरपालिका अधिकारी  
नगर प्रशासन (छ.ग.)  
जिला-मुंगेली (छ.ग.)

A.R. CONSULTANCY, KORBIA  
ARCHITECT. AVINASH MARKAM  
ENGINEER. NAVIKANT DIXENA  
ARCHITECT & INTERIOR DESIGNER  
PUSHP VIKAR KORBIA  
889203662  
DATE: 06/11/25  
DRAWN - ER. JYESH JASWAL



5000



150 mm thick C.C M-30  
150 mm thick C.C M-10  
Granular Sub Base Grade IV 150 mm

PROJECT:-

PROPOSED DESIGN OF C.C. ROAD

SEAL & SIGN

उप-अधीक्षक  
नगर पंचायत सरगांव  
जिला-मुंबोली (छ.ग.)

मुख्य नगर पालिका अधिकारी  
नगर पंचायत सरगांव  
जिला-मुंबोली (छ.ग.)

A.R. CONSULTANCY, KOREA

ARCHITECT, AVINASH MARKAM  
ENGINEER, RAVIKANT DIXENA

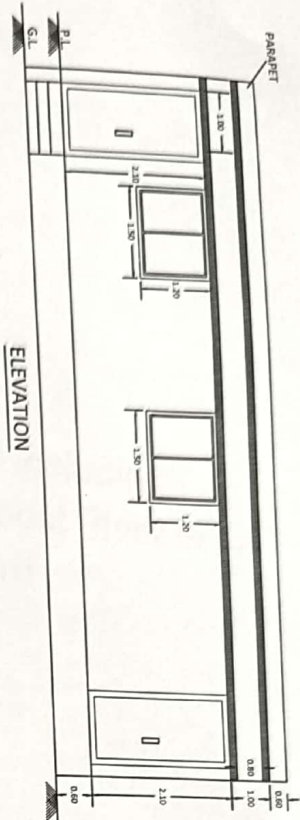
ARCHITECT  
& ENGINEER  
DESIGNER

PURSH  
VILKAR  
KADAM  
8889200642

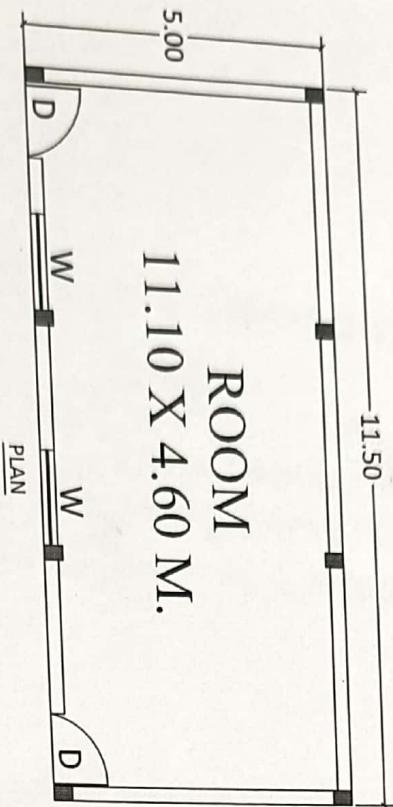
DATE: 06/11/25

DRAWN - ER. JIVESH JARWAL

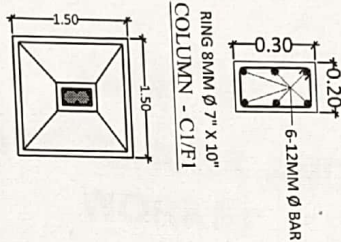




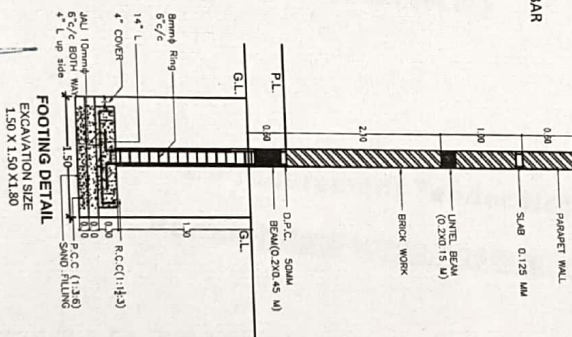
ELEVATION



ROOM  
11.10 X 4.60 M.



RING COLUMN - C1/F1  
RING 8MM Ø 7" X 10"



FOOTING SCHEDULE			
Sl. No.	FOOTING	EXCAVATION SIZE	FOOTING SIZE
1.	F1	1500X1500X1800mm	1500X1500mm

COLUMN SCHEDULE			
Sl. No.	COLUMN	COLUMN SIZE	REINFORCEMENT DETAILS
1.	C1	1500X1500	1500X1500mm

PLINTH BEAM SCHEDULE			
Sl. No.	PLINTH BEAM	PLINTH BEAM SIZE	REINFORCEMENT DETAILS
1.	P1	1500X1500	1500X1500mm

LINTEL BEAM SCHEDULE			
Sl. No.	LINTEL BEAM	LINTEL BEAM SIZE	REINFORCEMENT DETAILS
1.	L1	1500X1500	1500X1500mm

SLAB BEAM SCHEDULE			
Sl. No.	SLAB BEAM	SLAB BEAM SIZE	REINFORCEMENT DETAILS
1.	S1	1500X1500	1500X1500mm

SLAB SCHEDULE			
Sl. No.	SLAB	SLAB SIZE	REINFORCEMENT DETAILS
1.	S1	1500X1500	1500X1500mm

SCHEDULE

SEAL & SIGN

DOOR - 1.20X2.10

WINDOW - 1.50X1.50

**A.R. CONSULTANCY, KORBA**  
**ARCHITECT. AVINASH MARKAM**  
**ENGINEER. RAVIKANT DIXENA**

ARCHITECT  
& INTERIOR  
DESIGNER

PUSHP  
VITHAR  
KORBA  
8889202662

DATE - 06/11/25

DRAWN - ER. JIVESH JAISWAL

TITLE :-

Storage Area for Beled & Recyclable  
Material. (11.50X5.00 M.)

उप-प्रमुख  
सि.प्र.वा.यत सरगांव  
जिला-मुंगेली (छ.ग.)

मुख्य नगर प्राधिकार अधिकारी  
नगर प्रवायत सरगांव  
जिला-मुंगेली (छ.ग.)