

KRATI BUILDING DESIGNER ENGINEER'S & DESIGNER'S		Er. PRADEEP SHINDE			
OFF. 173, MAHAKAL ROAD, UJJAIN..		Date 14//08/2021			
DETAIL ESTIMATE FOR CONSTRUCTION OF MOKSHDHAM S. No. 562, GRAM PANCHAYAT BoLIYA, JANPAD PANCHAYAT GAROTH, TAH. GAROTH, DIST. & DIVI. MANDSOUR (M.P.) DIRECTED BY:"SHAMSHAN BHUMI SHODH SANSTHAN					
S.No.	Item	Qty.	Unit	Rate	Amount
1.	Construction of Boundery wall	-----	-----	As per Estimate	1,800,000.00
2.	Construction of cement concrete road	-----	-----	As per Estimate	852,000.00
3.	Construction of cement concrete Ghat	-----	-----	As per Estimate	1,657,000.00
4.	Creation platform & wooden log staking shed	-----	-----	As per Estimate	2,500,000.00
5.	Construction of R.C.C. Water tank	50000	Lists.	6.00/Lits	300,000.00
6.	Tempale 6.00 x 6.00	1	-----	L S.	300,000.00
7.	Provision of Bore Wells including sub-mersible Pumps	2Nos.	Each	125000	225,000.00
8.	Development of park, garden (Construction of Boundry wall & Pathway)	2 Parks	-----	As per Estimate	150,000.00
9.	Toilet, Seftic Tank	20 users	Users	L.S.	225,000.00
				Total Rs.	8009000.00
				Say Rs.	8,009,000.00

(Total Rs. Eighty Lacs Nine Thousand Only)

(Note : - Rates are taken from Urban Administration and Development Department(M.P.)ISSR Integrated standard schedules of rates(ROADS) inforce from 10th May 2012)



(Er. PRADEEP SHINDE)

Er. Pradeep Shinde
173, Mahakal Road, Ujjain
MPUCI No. 41/21/22

DETAIL ESTIMATE FOR CONSTRUCTION OF BOUNDARY WALL, MOKSHDHAM
S. No. 562, GRAM PANCHAYAT BOLIYA, JANPAD PANCHAYAT GAROTH,
DIST. MANDSOUR, DIVI. UJJAIN (M.P.)

Length = $210.0/3+2 = 72$ Column

I/ No.	SOR. No.	Particular of items	No.	L	B	H	Quantity	Unit	Rate per unit	Amount Rs.
							(in meter)			
1	2	3	4	5	6	7	8	9	10	11
1	2.6	Earth work in excavation by mechanical means (Hydraulic								
	2.6.1	All kinds of soil.								
		Column footing F1	72	1.50	1.50	1.50	243.00	Cum	127.00	30861.00
	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level.								
2	4.1.5	Cement concrete grade M-10 (Nominal Mix) with 40 mm maximum								
		Column footing F1	72	1.50	1.50	0.10	16.20	Cum	3528.0	57153.60
3	20.1	Centering and shuttering including strutting, propping etc. and removal of form for :								
	20.1.1	Foundations, footings, bases of columns, etc. For mass concrete								
		Column footing F1	72	1.30	4	0.50	187.20	Sqm		
		Column up to Ground Level	72	0.30	2	1.00	43.20	"		
			72	0.20	2	1.00	28.80	"		
		Ground Beam	1	310	2	0.30	186.00	"		
							445.20	Sqm	137.00	60992.40
4	20.1.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.								
		Column up to Boundry Level	72	0.30	2	2.00	86.40	Sqm		
			72	0.20	2	2.00	57.60	"		
		Top Beam	1	310	2	0.20	124.00	"		
							268.00	Sqm	203.00	54404.00

5	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement with Cement concrete grade M-20 (Nominal Mix with 20 mm maximum size of stone								
		Column footing F1	72	1.30	1.30	0.40	48.67	Cum		
		Column up to Ground Level	72	0.30	0.20	1.00	4.32	"		
		Ground Beam	1	310	0.20	0.30	18.00	"		
							71.59	cum	5050.0	361539.60
6	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts suspended floor roof slab, beams, etc. up to floor two level excluding cost of centering, shuttering, finishing and reinforcement :								
		5.2.1 M 20 Nomial mix (with 20mm nominal size graded stone aggregate)								
		Column up to Boundry Level	72	0.20	0.30	2.00	8.64	Cum		
		Top Beam	1	310	0.20	0.30	62.00	"		
		Chatri column	8	0.20	0.20	2.00	0.64	"		
		Chatri	2	3.00	3.00	0.12	2.16	"		
		ChatriTop Beam	8	2.00	0.20	0.12	0.38	"		
							73.82	Cum	5120.0	377978.88

7	5.2	5.20 Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.									
	5.20.6	Thermo-Mechanically Treated bars.									
		78.5Kg per Cum of RCC	1	78.5	0.70	145.4	7990.6 kg.				
							7991 kg.	60.00		479436.55	
8	6.39	Brick work will well burnt open bhatta bricks crushing strength not less than 25kg/cm ² and water absorption not more than 20% in above plinth level upto floor two level In cm 1:4.									
	6.40	Cement Mortar 1:6 (1 cement : 6 sand).	1	210	0.20	2.00	84.00 Cum				
							84.00 Cum.	2955.0		248220.00	
10	13.1	12 mm cement plaster of mix :									
	13.1.2	1:6 (1 cement: 6 sand)	2	210		2.27	953 Sqm				
							953 Sqm	102.00		97246.80	
11	13.44	13.44 Finishing walls with water proofing cement paint of required shade									
	13.44.1	New work (Two or more coats applied @ 3.84 ka/10 sam). Sam 37.00									
		Qty as per 12mm c. plaster	1	1	-	-	1 Sq m	37.00		37.00	

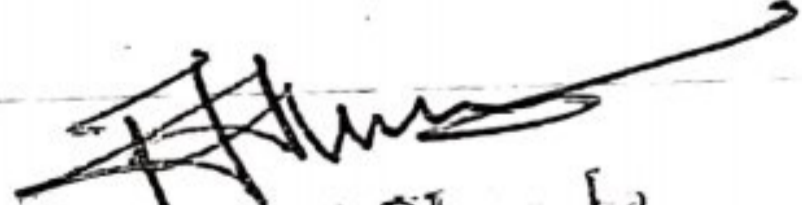
**KRATI BUILDING DESIGNER
ENGINEER'S & DESIGNER'S**

Er. PRADEEP SHINDE

OFF. 173, MAHAKAL ROAD, UJJAIN.. M.No. 9893114613

Date 14/08/2021

13	2.25	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.							
		Column footing				170.00	Cum		
						170.00	Cum	59.00	10030.00
								Total	1777899.83
								GRAND TOTAL	1,777,899.8
								SAY	18.00
		(Total estimated cost is Rupees Eighteen Lac only)							
		Integrated standard schedules of rates inforce from 10th May 2012)							


Er. Pradeep Shinde
173, Mahakal Road, Ujjain
M.No. 9893114613
41/21/22

ESTIMATE FOR CONSTRUCTION OF CEMENT CONCRETE ROAD

S. No. 562, GRAM PANCHAYAT BOLIYA, JANPAD PANCHAYAT, GAROTH,
MANDSOUR DIST. UJJAIN DIVI. (M.P.)

.N	ISSR Item No.	Item	No	L	B	D	Qty.	Total	Unit	Rate	Amount
1.	ISSR4.1	coarse graded material, spreading in uniform layers with on prepared surface, mixing by mix in place method at OMC, and compacting with vibratory roller to achieve the desired density, complete in all respect									
		i) for grading- I Material									
		-6.00 m Wide roads	1	60.00	6.00	0.15	54.00				
		-5.00 m Wide roads	1	90.00	5.00	0.15	67.50	121.50	Cu m.	604.00	73386.00
2.	ISSR6.1	Construction of dry lean cement concrete Sub-base									
		6.2 Deduct from Item No.6.1 above if paver with Electronic sensor, vibratory roller are not used and laying, compaction is done by any other method. .									
		-6.00 m Wide roads	1	60.00	6.00	0.10	36.00				
		-5.00 m Wide roads	1	90.00	5.00	0.10	45.00				
							81.00	81.00	Cu m.	2715.0	219915.00
3.	ISSR6.5	Construction of dowel jointed, plain cement concrete pavement in M-30 grade concrete over a prepared sub base with 43 grade cement maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, joint sealant, debonding strip, placing of dowel bar, tie rod admixtures as approved, curing compound, finishing to lines and grades as per approved drawings as per IRC-15 2002 and as per relevant clauses of section-602 of specifications complete including cost of steel in dowel ber & tie rod (32mm dowel bar @9 kg/cum of concrete & 16mm tie rod @ 1.12 kg/cum of concrete)									
		-6.00 m Wide roads	1	60.00	5.50	0.15	49.50				
		-5.00 m Wide roads	1	90.00	4.50	0.15	60.75				
								110.25	Cu m.	4698.0	517954.50
4.	ISSR3.11	Construction of embankment / subgrade / earth shoulders, as per clause 305 & its sub-clauses, Where required but with approved materials/soil like morrum CBR value not less then 7% i/c all lead & lifts i/c excavation, cost of watering, compaction and maintenance of surface during construction to ensure shedding & preventing ponding of water (clause 305.3.6) shaping & dressing (clause 305.3.7), finishing etc. complete but excluding scarifying existing granular/ bituminous road surface vide clause 305.6.									
		-6.00 m Wide roads	2	60.00	1.00	0.50	60.00				
		-5.00 m Wide roads	2	90.00	1.00	0.50	90.00	150.00	Cu m.	272.00	40800.00
										Total Rs:	852055.50
										Say Rs.	852,000.00

(Note : - Rates are taken from Urban Administration and Development Department(M.P.)ISSR Integrated standard schedules of rates(ROADS) inforce from 10th May 2012)

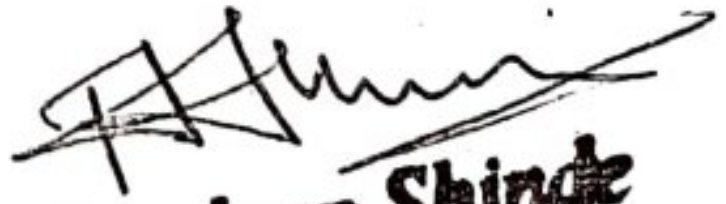
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Er. Pradeep Shinde
173, Mchhal Road, Ujjain

DETAIL ESTIMATE FOR CONSTRUCTION OF GHAT, MOKSHDHAM
S. No. 562, GRAM PANCHAYAT BOLIYA, JANPAD PANCHAYAT GAROTH,
DIST. MANDSOUR, DIVI. UJJAIN (M.P.)

I/ No.	SOR. No.	Particular of items	No.	L	B	H	Quantity	Unit	Rate	Amount
									per unit	Rs.
			(in meter)							
1	2	3	4	5	6	7	8	9	10	11
1	2.6	Earth work in excavation by mechanical								
	2.6.1	All kinds of soil. Ghat Portion	1	100.00	6.10	0.30	183.00	Cum		
		Start &End toe wall	2	105.00	0.80	1.00	168.00	"		
		End wall	2	6.10	0.80	1.00	9.76	"		
							360.76	Cum	114.00	41126.64
2	2.24.1	In or under water and/or liquid mud, including Depth (20% of the rate of the item. The extra percentage in rate is applicable in respect of each item but limited, to quantities of work excuted,in difficult condition.								
		Bottom toe wall	1	105.00	0.80	1.00	96.60	Cum	22.80	2202.48
3	16.5 Road	16.5 Providing and laying Filter material underneath pitching in slopes complete as per drawing and Technical specification and as per relevant clauses of section2500								
		sand passing through 4.75 mm	1	100.00	6.10	0.2	122.00	Cum		
							122.00	Cum	767.00	93574.00
	2.25	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.								
4	2.26	Extra for every additional lift of 1.5 m or part thereof in.								
							230.00	Cum	53.00	12190.00
5	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level								
	4.1.5	Cement concrete grade M-10 (Nominal Mix) with 40 mm maximum								
	4.1.5	M 10								
		Ghat Portion	1	100.00	6.10	0.20	122.00	Cum		
		Bottom toe wall	1	10.00	0.80	0.20	1.60	"		
		End toe wall	1	10.00	0.80	0.20	1.60	"		
		End wall	2	6.10	0.80	0.20	1.95	"		
							127.15	Cum	3175.0	403707.60
6	5.1	5.1 Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering,finishing and reinforcement - All work up to plinth level :								

7.23	Stone work (machine cut edges) for wall lining etc. (vener work) backing filled with a grout of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : (To be secured to the backing by means of cramps which shall be paid for separately) :								
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KRATI BUILDING DESIGNER							Er. PRADEEP SHINDE			
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OFF. 173, MAHAKAL ROAD, UJJAIN.. M.No. 9893114613							Date 14/08/2021			
	7.23.1 Red sand stone - exposed face fine dressed with rough backing.									
	7.23.1.4 40 mm thick Sqm 1318.00									
	TRADE Ghat Portion	28	3.20		0.40	35.84	"			
	RISE Ghat Portion	28	3.20		0.20	17.92	"			
		2	2.50		10.00	50.00				
		1	3.00		10.00	30.00				
	LANDING	12	1.20		1.20	17.28	"			
	Side	12	1.20		0.60	8.64	"			
	Side	24	1.20		0.35	10.08	"			
						169.76	Sqm	1186.00	201335.36	
11	7.25 of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand) including making the necessary chases in stone and holes in walls wherever required.									
	0.2kg/sqm	1	1.00	0.200	169.8	33.95	kg.	493.00	16738.34	
								TOTAL	1656485.94	
								GRAND TOTAL	1,656,485.9	
							SAY	Lacs	16.57000.00	
	(Note : - Rates are taken from Urban Administration and Development Department(M.P.)ISSR Integrated standard schedules of rates inforce from 10th May 2012)									


Er. Pradeep Shinde
 173, Mahakal Road, Ujjain
 M.P.UCL No. 44/21/22

DETAIL ESTIMATE FOR CONSTRUCTION OF CREATION PLATFORM & WOODAN LOG STAKING SHED, MOKSHDHAM
S. No. 562, GRAM PANCHAYAT BOLIYA, JANPAD PANCHAYAT GAROTH, DIST. MANDSOUR, DIVI. UJJAIN (M.P.)

I/	SOR.	Particular of items	No.	L	B	H	Quantity	Unit	Rate	Amount
No.	No.		(in meter)					per unit	Rs.	
1	2	3	4	5	6	7	8	9	10	11
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly								
	2.6.1	All kinds of soil.								
		Column footing F1	16	1.70	1.70	2.00	92.48	Cum		
		Column footing F2	4	1.20	1.20	2.00	11.52	Cum		
							104.00	Cum	127.00	13208.00
2	2.27	Supplying and filling in plinth under floors including watering, ramming consolidating and dressing complete.								
	2.27.1	Crusher Stone Dust	1	12.00	35.00	0.1	42.00	Cum	628.00	26376.00
	2.27.3	Moorum/Hard copra	1	12.00	35.00	0.50	210.00	"		
		water cooler	1	12.00	5.00	1.00	60.00	"		
		Pit	16	1.70	1.70	0.50	23.12			
							293.12	Cum	570.00	167078.40
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level								
	4.1.5	Cement concrete grade M-10 (Nominal Mix) with 40 mm maximum								
		4.1.5 M 10								
		Column footing F1	16	1.70	1.70	0.10	4.62	"		
		Column footing F2	4	1.20	1.20	0.10	0.58	"		
		PLAFORM AREA	1	12.0	35.00	0.10	42.00	"		
							47.20	Cum	3528.00	166521.60
4	20.1	Centering and shuttering including strutting, propping etc. and removal of form for :								
	20.1.1	Foundations, footings, bases of columns, etc. For mass concrete Base of col and plinth								
		Column footing F1	16	2.00	1.50	0.80	38.40	Sqm		
		Column footing F2	4	2.00	1.00	0.50	4.00	"		
		Column C up to PL	16	4.00	0.45	1.50	43.20	"		
			4	2.00	0.20	2.00	3.20	"		
			4	2.00	0.30	2.00	4.80	"		
		Plinth beams								
		Long	4	12.00		1.00	48.00	"		
		Platform	4	5.40		1.00	21.60	"		
		Short beam	2	5.00		1.00	10.00	"		
		Sides of slab	4	12.00	0.10		4.80	"		
							178.00	Sqm	138.00	24564.00
5	20.1.6	20.1.6 Columns, Pillars, Piers, Abutments, Posts and Struts.								
		Column C up to RL C1	16	4.00	0.45	4.00	115.20	"		
							115.20	Sqm	282.00	32486.40
6	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement with Cement concrete grade M-20 (Nominal Mix with 20 mm maximum size of stone aggregate).								
		Column footing F1	16	1.50	1.50	0.80	28.80	Cum		
		Column footing F2	4	1.00	1.00	0.50	2.00	"		
		Column C up to PL	16	0.45	0.45	1.50	4.86	"		
			4	0.30	0.20	2.00	0.48	"		
		Plinth beams								
		Long	2	12.00	0.20	1.00	4.80	"		
		Platform	2	5.40	0.20	1.00	2.16	"		
		Short beam	1	5.00	0.20	1.00	1.00	"		

7	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts supported floor roof slab, beams, etc. up to floor two level excluding cost of centering, shuttering, finishing and reinforcement :										
		5.2.1 M 20 Nomial mix (with 20mm nominal size graded stone Column C up to RL C1	16	0.45	0.45	4.00	12.96	"				
							12.96	Cum	5050.00	65448.00		
8	5.2	5.20 Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.										
	5.20.6	Thermo-Mechanically Treated bars.										
		100Kg per Cum of RCC	1	100.0		64.84	6483.60	kg.				
							6483.60	kg.	60.00	389016.00		
9	6.39	Brick work will well burnt open bhatta bricks crushing strength not less than 25kg/cm ² and water absorption not more than 20% in above plinth level upto floor two level In cm 1:4.										
		6.40 Cement Mortar 1:6 (1 cement : 6 sand).										
		water cooler	1	10.00	0.20	1.50	3.00	Cum				
		Steps	6	1.00	0.20	0.30	0.36					
							3.36	Cum.	3310.00	11121.60		
10	10.2	10.2 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete:										
		9Kg\Sqm	1	12	35	9	3780.00	Kg.				
						total	3780.00	Kg.	62.00	234360.00		
11	10.16	10.16 Steel work in built up tubular trusses including cutting, hoisting										
		10.16.1 Hot finished welded type tubes. Kg. 83.00										
		20Kg\Sqm	1	12	35	20	8400.00	Kg.	83.00	697200.0		
12	12.50	Supply & installation of pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm ±5% total coated thickness (TCT) thick 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. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 meter 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										
			1	12	35	1.00	420.00	Sqm	578.00	242760.00		
13		12.51 Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT) thick 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 :										
		12.51.1 Ridges plain (500 - 600mm). Meter 558.00	1	35			35.00	Rm	558.00	19530.00		
14		12.51.6 Gutter (600 mm over all girth). Meter 684.00	2	35			70.00	Rm	684.00	47880.00		
15	-13.1	12 mm cement plaster of mix :										
	13.1.3	1:6 (1 cement: 6 sand)										
		Long wall	1	12.00		1.00	12.00	Sqm				
							12.00	Sqm	95.00	1140.00		

ENGINEER'S & DESIGNER'S

OFF. 173, MAHAKAL ROAD, UJJAIN. M.No. 9893114613

Date 14/08/2021

16	13.2	15mm cement plaster on the rough side of single or half brick wall of mix :									
		13.2.1 1:4 (1 cement: 4 fine sand)									
		Long wall	1	12.00		2.50	30.00	Sqm			
		Short wall	2	5.40		1.00	10.80	"			
		Steps	6	1.00		0.50	3.00	"			
							43.80	"	127.00	5562.60	
17	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade									
	13.47.1	New work (Two or more coats applied @ 1.43 ltr/ 10 sqm. over and including base coat of water proofing cement paint applied @ 2.20 kg/10 sqm)									
		Qty as per 15mm cement plaster	1	43.80	-	-	43.8	Sq m.	76.00	3328.80	
18	13.48	Finishing walls with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :									
	13.48.1	Two or more coats applied @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @ 0.75 ltr/10 sqm.									
		Qty as per 12mm cement plaster	1	12.00	-	-	12	Sq m.	75.00	900.00	
19	13.48	13.48.3 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture									
		Truss	8	2.5	12.00	0.90	216.0	sqm.			
							216.00	Sqm	65.00	14040.00	
20		12.43 Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.									
		12.43.2 100mm Each 135.00	16	6			96.00	Rm	558.00	53568.00	
21		12.44 Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams. Each 57.00									
			16	1			16.00	Each	57.00	912.00	
22		12.42 Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A including jointing with seal ring conforming to IS : 5382 leaving 10 mm.gap for thermal expansion.									
		12.42.5 Bend 87.5°									
		12.42.5.2 110 mm bend Each 258.0	16	2			32.00	Each	258.00	8256.00	
23		12.42.6 Shoe (Plain)									
		12.42.6.2 100 mm shoe Each 535.01	16	1			16.00	Each	535.00	8560.00	
									Total	2,499,422.5	
								SAY	Lacs	25.00	
		(Total estimated cost is Rupees Fifty Five Lac only)									
		(Note : - Rates are taken from Urban Administration and Development Department(M.P.)ISSR									
		Integrated standard schedules of rates inforce from 10th May 2012)									

Pradeep Shinde
Er. Pradeep Shinde
173, Mahakal Road, Ujjain

MPUCL No. 41/24/22

ESTIMATE FOR CONSTRUCTION OF
S. No. 562, GRAM PANCHAYAT BOLIYA, JANPAD PANCHAYAT, GAROTHI,
MANDSOUR DIST. UJJAIN DIVI. (M.P.)

I/ No	SOR. No.	Particular of items	No.	Length Bread Heigh (in meter)			Quantit	Unit	Rate per unit	Amount Rs.
				5	6	7				
1	2	3	4							
1.	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas(exceeding 30cm in depth 1.5m in width as well as 10 sqm on plan)including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.								
		-Columns pits	20	0.9	0.9	1.5	24.30			
		-Paving area	1	200	2	0.15	60.00			
						total	84.30	Cu m.	127.00	10706.10
2.	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level.								
	4.1.5	Cement concrete grade M-10 (Nominal Mix) with 40 mm maximum								
		-Columns pits	20	0.9	0.9	0.1	1.62			
						total	1.62	Cu m.	3528.00	5715.36
3.	2.25	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.								
		- Filling area	1	200	2	0.15	60.00	Cu m.	59.00	3540.00
4.	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement with Cement concrete grade M-20 (Nominal Mix with 20 mm maximum size of stone aggregate).								
	5.2.1	M 20 Nomial mix (with 20mm nominal size graded stone aggregate)								
		- Column Footing	20	0.80	0.80	0.10	1.28			
		- Column upto ground level	20	0.20	0.30	1.26	1.51			
		- Columns in super structure	20	0.20	0.30	1.55	1.86			
		- Coping	1	37.0	0.20	0.075	0.56			
						total	5.21	Cu m.	5120.00	26659.84

No	SOR. No.	Particular of items	No.	Lengt	Bread	Heigh	Quantit	Unit	Rate per unit	Amount Rs.
1	2	3	4	5	6	7	8	9	10	11
5.	5.20	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.								
		5.20.6 Thermo-Mechanically Treated bars.								
		Qty. @ 90 Kg. /Cu m. of C.C.								
6.	20.1	Centering and shuttering including strutting, propping etc. and removal of form for :	1	5.21	x	65	700	Kg.	60.00	42000.00
7.	6.39	Brick work will well burnt open bhatta bricks crushing strength not less than 25kg/cm ² and water absorption not more than 20% in above plinth level upto floor two level In cm 1:4.								
		Cement Mortar 1:6 (1 cement : 6 sand).								
		- Boundary wall	1	30.00	0.20	0.50	3.00	Cu m.	3310.00	9930.00
8.	13.1	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.								
		- Boundary wall	2	99.00	-	0.80	158.40			
		- Columns	20	0.40	-	0.50	4.00			
						total	162.40	Sq m.	126.00	20462.40
9	10.25	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.								
	10.25.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	10	2.8	1.5	7	294.00			
		GATES	10	1.5	1.5	7	157.50			
						total	451.50	Kg.	63.00	28444.50
10	13.48.3	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture								
		- Main gate of Boundary wall	2	2.8	-	1.50	8.40			
			2	1.5	-	1.50	4.50			
						total	12.90	Sq m.	75.00	967.50
11	13.44	Finishing walls with water proofing cement paint of required shade 13.44.1 New work (Two or more coats applied @ 3.84 kg/10 sqm).	1	49.2	-	-	49.2	Sq m.	37.00	1820.40
									Total Rs	150246.10
									Say Rs.	1.50 lacs

(Total estimated cost is Rupees One Lac Fifty Thousand only)

Er. Pradeep Shinde