

Nitin Shrimali & Associates

Architect & Interior Designer, House no.20, 3/1 Tulsi Villas, Old Palasia, Indore, (M.P.) ,M.94250-57800, Email : office@nitinshrimali.com

M.94250-57800, Email : office@nitinshrimali.com

DETAILED ESTIMATE

Name of Client :- UJJAIN DEVELOPMENT AUTHORITY, UJJAIN (M.P.)	
---	--

Name of Project :- CUMMERCIAL CUM RESIDENTAIL COMPLEX , UJJAIN

Name of Work :- 6M WIDE ROAD

S.No.	Item No.	PARTICULARS OF ITEM	Nos.		Length	Width	AREA	D/H	Qty	Unit	Rate	Amount (Rs.)
			N1	N2								
1	PWD Road and Bridge 2.2	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees having girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness.										
	(A)	In area of light jungle										
		Computrised calculation Total Land Area for Road										
				1					1022.40	sqm		
								TOTAL	0.10	Hect.	₹ 29,409	₹ 3,007
2	PWD Road and Bridge 3.3	Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting suitable earth to the embankment location and disposing off unsuitable earth with all lifts and lead upto 1000m as per relevent clauses of section-300 of specification.										
		Road			142	7.20		0.45	460.08	Cum		
								Total	460.08	Cum	₹ 79	₹ 36,346

[illegible]

S.No.	Item No.	PARTICULARS OF ITEM	Nos.	Length	Width	AREA	D/H	Qty	Unit	Rate	Amount (Rs.)
5	PWD Road and Bridge 6.1	Construction of dry lean cement concrete Sub- base over a prepared sub-grade or drainage layer with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver finisher with electronic sensor, compacting with 8- 10 tonnes vibratory roller, finishing and curing as per clause 601 of specification complete in all respect.									
		Below Carriage Way	1	142.00	6.00		0.15	127.80	cum		
								127.80	cum	₹ 2,712	₹ 3,46,594
6	PWD Road and Bridge 6.3	Cement Concrete Pavement Construction of un-reinforced, dowel jointed, plain cement concrete pavement with M-40 grade concrete over a prepared sub base with cement , coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with electronic sensor slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, admixtures as approved, curing compound, finishing to lines and grades as per drawing as per IRC-15-2011 and as per relevant clauses of section 602 of specifications complete but excluding cost of steel in dowel bar and tie rods etc. including groove cutting for width of 4 mm- 6mm and 1/3rd depth of PQC within 8-10 hrs of placing/ finishing of PQC including cleaning of groove and providing approved sealant filling etc. as per clause 602.2.10 and 600.10 and IRC-57-2006 as per drawing and as per specification									
		Footpath	2	142.00	1.20		0.30	102.24	cum		
							Total	102.24	cum	₹ 5,769	₹ 5,89,823

[illegible]