

PRICE BID

NOTE : All rates quoted / adopted in this estimate are firm, fixed and all-inclusive covering supply of materials of approved make, transportation to site, loading & unloading, labour, tools & tackles, fabrication, installation, fixing, testing & commissioning, wastage, statutory taxes & levies, contractor's overheads & profit, making good all disturbed surfaces, site cleanup and rectification of defects during the Defect Liability Period — all complete as per drawings, specifications and directions of the Architect-in-Charge. No extra or separate claim on any account whatsoever shall be entertained.

PROPOSED CIVIL WORKS FOR RE-CONSTRUCTION OF INTERNAL ROADS WITH ROADSIDE DRAIN AT BINNYSTON GARDEN QUARTERS, BINIPETE, BENGALURU.

Item No.	Description of Item	Unit	Qty	Rate (₹) in Fig	Rate (₹) in words	Amount (₹)
1	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material within all lifts and lead upto 1km (by mechanical means)	m ²	2430.00			
2	Taking out existing kerb stones of all types from footpath/ central verge, including removal of mortar etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	m	250.00			
3	Realigning existing precast cement concrete kerb stones, including carefully taking out existing kerb, cleaning, shifting, resetting to proper line, level and curvature, providing cement mortar joints, necessary PCC bed/haunching, labour, T&P and all incidental works complete.	m	250.00			
4	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, and stacking of serviceable material lead as per direction of Engineer-in-Charge.	m ²	100.00			
	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge.					
5	Providing, laying, spreading and compacting graded stone aggregate (size range 53 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers with mechanical paver finisher in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 to 10 tonne capacity to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge.	m ³	60.75			
	4.0 m wide Roads					
6	Providing and laying RMC design mix cement concrete of M-30 grade, in roads/taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately). (Every RMC Batch test report to be provided with all relevant tests as per IS/IRC specifications and as mentioned in Tender documents)	m ³	364.50			

Item No.	Description of Item	Unit	Qty	Rate (₹) in Fig	Rate (₹) in words	Amount (₹)
	4.0 m wide Roads					
7	Providing and filling in position rubberized bitumen hot sealing compound for sealing of expansion joints in roads/pavements all complete as per direction of the Engineer-in-Charge.	per cm depth per cm width per metre length	810.00			
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	7680.00			
	All other types of structures					
9	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm and down size graded crushed coarse aggregates (FOR Kerb Stone)	M ³	6.00			
10	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5 mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured to calculate volume for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).	M ³	5.40			
	600 x 300 x 150 mm Kerb Stone					
11	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.	m ²	120.00			
	Road Markings					
	9.0 m wide Roads					
12	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m.	m ³	200.00			
	4mtr road					

Item No.	Description of Item	Unit	Qty	Rate (₹) in Fig	Rate (₹) in words	Amount (₹)
13	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm and down size graded crushed coarse aggregates	m³	20.00			
	4mtr road					
14	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: 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources)	m³	40.00			
15	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass concrete	sqm	480.00			
	Total					
16	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	2148.15			
	All other types of structures					
17	Filling 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 and for all lift..	m³	32.00			
	Sides of Drains					
18	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. in the existing trench, complete as required.	m	24			
	200 mm dia (OD-200 mm & ID-175 mm nominal)					
19	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm and down size graded crushed coarse aggregates	m³	0.864			
	Chamber (Inner 0.6 x 0.6)					
20	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m³ and minimum compressive strength of 4.00 N/mm² conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications	m²	3.84			
	Chamber					

