

**CONSTRUCTION OF ROAD, DRAIN & 3 NOS. CULVERT FROM THE HOUSE  
OF Mr. K.P.DAS UPTO HOUSE OF SANJIT SAHA VIA BALABARI& PRASON  
SHOP TO NILKANTHA KUNDUBARI AT MADHYASANTINAGAR**

Length of Road 750 m Length of Drain 600m Length of Guard Wall 600m

Sl. NO	Description of item	Quantity	Rate in (Rs.)	Unit	Amount in (Rs.)
1.	Earthwork in road embankment in ordinary soil to correct profile as per designed formation level with earth obtained from land arranged by the Contractor depositing in layers of 250 mm thickness including breaking clods, dressing and compaction by power roller (not at OMC) etc. complete at per specification, drawing and direction of EIC which includes hire charges of Roller, fuel and crew etc. for which deduction from the contractor will be made. Extra for land arranged by contractor.	100.00	259.51	M3	25951.00
2.	Spreading and consolidating River Bed materials to a depth of 100mm. And above with power roller to proper gradient and chamber including watering as necessary, lighting, guarding, barricading and making earthen bundh where necessary to protect the edges and curing with water 2 to 3 days mending cracks and depressions by rolling where necessary complete as per specifications. All incidental charge of roller, inclusive of the cost of fuels and lubricants are included.( Payment will be made on the basis of finished compacted volume of river bed materials	490.00	776.25	M3	380363.00
3	Supplying, spreading and consolidating Broken shingles of specific size in hard crust to requisite thickness ( measured after compaction) in layers including screening of metals as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line , grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and labour charges of all men and machineries and as per specification and direction of Engineer - in - Charge including the cost of Broken Shingles & screening materials. ( i ) Broken Shingles ( size 63 mm to 37.5 mm ) of compacted thickness 75 mm , using 0.093 m3 of shingles and 0.02m3 of type A screening materials. Two layers	4500.00	75.66	M2	340470.00
4	Spreading and consolidating stone metal of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening the aggregate as necessary hand packing, after spreading in uniform thickness, rolling with power-roller in stage to proper grade and camber, spreading and sweeping requisite type and quantity of screening				

	<p>materials to fill up the inter stitches of course aggregates, applying binding materials as directed, watering etc. and lighting, guarding, bracketing and making necessary earthen bunds one metre width on each side where necessary to protect the edges and preparing the bed by necessary cutting filling and rolling all complete including cost of all materials and hire and labour charges of all men and machineries and as per specification and direction of Engineer-in-Charge but excluding the cost of stone materials and screening.</p> <p>b) Coarse aggregate of size range 63 to 45mm. for 75mm compacted thickness using 0.10m<sup>3</sup> of aggregate and 0.020m<sup>3</sup> of type B (11.2mm) stone screening materials ii) Stone other than ©(i) above</p> <p>creening materials, (2 layers) North Bengal Variety of stone metal &amp; chips.</p>	2250.00	106.37	M2	239333.00
5	<p>Laying 20mm thick premix carpet (open graded using 1.8 m<sup>3</sup> of 13.2mm size and 0.9 m<sup>3</sup> of 11.2 mm size stone aggregates per 100m<sup>2</sup> of surface including thorough cleaning of the surface, applying tack coat, screening, cleaning and preheating stone chips and fully pre coating the same with hot matrix @ 54 kg per m<sup>3</sup> of aggregate laying the premixed chips uniformly over the surface, hand packing, thoroughly rolling by power roller including the cost and carriage of stone chips and matrix, heating the matrix, returning the empty drums to the departmental godown and all other cost and charges in this connection.</p> <p>I) BY MOBILE HOT MIX PLANT(LIGHT DUTY) of Capacity 3-5 tons/ Hour.including laying tack coat using Cationic Bitumen Emulsion(R.S. or M.S. grade) on black top surface including cost &amp; Carriage of emulsion Tack coat over black top surface @ 3 kg /10 m<sup>2</sup></p> <p>annual means A) With North Bengal Variety Stone Chips(Crusher Broken).</p>	2250	113.37	M2	255083.00
6	<p>Laying premixed seal coat (type-B) using 0.6m<sup>3</sup> of grit or sand (passing 2.36m sieve and retained on 180 micron) per 100 sq. metre area including cleaning the surface, preheating the grit/ sand by Miller Mixer / Suitable pans, Mixing the preheated grit/sand with hot matrix @ 113.50 kg per m<sup>3</sup> of grit /sand laying the mixture uniformly over the surface and rolling with power roller including the cost and carriage of grit/ sand, and matrix, heating matrix, and grit/ sand and all other costs an charges in this connection including hire charges and cost of fuel and lubricants of machineries</p>	2250	46. 52	M2	104670.00
7	<p>Earthwork in excavation of foundation trenches for drains in all sort of soil including removing, spreading or stacking the spoils within a lead of 150m as directed including trimming the side of trenches leveling, dressing and ramming the</p>				

	bottom and bailing out water etc. as required complete. Depth of excavation not exceeding 1m below av. Bed level at the site of excavation and including shoring if required.	1700.00	49.70	M3	84490.00
8	150 mm thick boulder soling including rough dressing, breaking necessary hand packing & ramming down including cost of all materials.	1460.00	142.24	M2	207670.00
9	Providing & laying cement conc.(1:4:8) with or without reinforcement in any part of walls, with approved bazree of approved type 30mm to 22.4 mm size with screening and cleaning of aggregate and sand as necessary, curing in water with cost and carriage of all materials but excluding cost of labour and materials for formwork and	125.00	2179.68	M3	272460.00
10	Plaster with sand and cement mortar including rounding off or chamfering corner as directed and including raking out joints or roughening of concrete surface curing and carriage of all materials with 4:1 cement mortar. A) 15 mm thick plaster.	3420.00	64.40	M2	220248.00
11	Providing formwork and staging including hire and labour charges for the same as required for foundation conc. Works of depth not exceeding 500mm and for conc. In vertical face of parapet curb, road curb so as to give good concrete finish including stripping off and removing after complete of work as per specification.	3000.00	84.00	M2	252000.00
12	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc including supply of rods initial straightening and removal of loose rust cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every inter-section, complete as per drawing and direction.  a) For works in foundation, basement and	3.0	57997.0	MT	173991.00
13	<b>Neat cement punning about 1.5mm thick</b> in wall, dado, window, sills, floor, drain etc.	3420	29.80	M2	101916.00
14	Providing & laying cement conc.(1:2:4) with or without reinforcement in any part of walls, with approved bazree of approved type 30mm to 22.4 mm size with screening and cleaning of aggregate and sand as necessary, curing in water with cost and carriage of all materials but excluding cost of labour and materials for formwork and	34	2998.04	M3	101933.00

15	Dismantling R.C.floor beams etc. including cutting rods and removing rubbish as directed within a lead of 75m. including stacking of steel bars. In ground floor including roof.	7.50	1210.99	M3	9082.00
16	Providing & laying cement conc.(1:3:6) with or without reinforcement in any part of walls, with approved bazree of approved type 45mm to 22.4 mm size with screening and cleaning of aggregate and sand as necessary, curing in water with cost and carriage of all materials but excluding cost of labour and materials for formwork and	550	2477.02	M3	1362361.00
Total Rs:					4132021.00
Add 3% as contingencies					123961.00
Grand Total Rs:					4255982.00

(Rupees Forty two lac fifty five thousand nine hundred & eighty two only.)