

**BARANAGAR MUNICIPALITY
87 DESHBANDHU ROAD KOLKATA 35**

SPECIFIC PRICE SHEDULE OF PORTABLE ITEMS WITH RATES AND APPROXIMATE QUANTITY FOR THE WORK OF
IMP OF ROAD FROM 196 BIDHAN PARK TO A K MUKHERJEE ROAD VIA KMDA PUMPING STATION

ESTIMATE NO

WARD NO - 19,20,21

SL NO:-

ESTIMATE NO	Description of work	Rate	Unit	Quantity	Amount
1	Earth work in in excavation of foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sanstone) including removing spreading or stacking the spoils within a lead of 75 meters directed. The items includes ne	73.77	m3	866.25	63903.26
2	Filling in foundation or plinth by silver sand in layers not exceeding 150 MM as directed and consolidating the same by through saturation with water ramming complte including the cost of supply of sand. (Payment to be made on measuremnet of finished quan	583.00	M3	748.13	436159.79
3	Single brick flat soiling pcked jhama bricks including preparation of bed as necessary with brick joints properly filled in and in and packed with powdered earth and including necessary cushion of similar material below the soiling (and in between layers when more than one layer is used) complets asper direction a) single brick flat soiling thickness 75 MM page no. 393 item no. 1 A, PWD BLDG	340.00	m2	787.50	267750.00
4	Labour for picking up existing metalled road surface to a specified average depth, including screening and stacking the pavement materials.				
	(a) For average depyh up to 40mm by manual means.	7.80	SQ M	655.20	5110.56
	(b) Stone metal surface.				
5	Lbour for spreading and consolidating stone meatels of specefic in hurd crust to requist thickness (measured after compaction) in layers including screening of bats/metals etc. As necessary, spreading manually or with the help of motor grader, sweeping, watering and rolling in stages with power roller to proper line grade and camber, spreading and sweeping requist type and quantity of screnning materials to fill up the intersitices of coarse aggregates applying binding materials as directed, including lighting, guarding & barncading and making necessary earthen bundh of one metre width on each side why necessary to protect edges and preparing the bed by nescessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all man and machinaries and as per specification and direction of Engineer-in-charge but including the cost of stone metal.				
	(d) With course aggregate size range 53-22.4mm (Grading-iii) with Type -B screnning for 75 mm compacted thickness.	155.50	SQ M	1442.70	224339.85
6	Providing and applying bituminous primer coat for priming of base course with cationic bituminous emulson of approved grade aand requist quantity including preparation of the surface to be primed through cleaning and sweeping uprooting weeds grass etc, dampening the before hand spraying the primer using sprayer mounted on distriguter truck of with hand sprayer using mechenical pump including cost and carriage of for surfaces with low porosity (@7.5				
	Description Of Items	34.77	SQ M	1442.70	50162.68



7	Repairing pot-holes and making up small depressions with ramming or power rolling including screening, cleaning chips or metals and washing, drying and necessary and heating the chips or metal where necessary, cutting pot holes to regular shapes with vertical edges, cleaning the disintegrated materials, heating matrix and applying tack coat (including sides) finishing the top of repaired surface levelled with adjoining area, including cost and carriage of stone aggregates and matrix including cost of applying tack coat. [Tack coat is to be considered separately] (a) With premixed chips or bajrees with 54 kg of bitumen per m3 of loose net volume of stone chips using concret. (ii) Using Mobile Hot Mix plant (light duty).	4271.27	CU M	18.43	78719.51
8	Providing and applying track coat using cationic bituminous emulsion of approved grade conforming to IS:8887-1978 over prepared surface with mechanical broom moistening the surface applying tack coat including cost and carriage of emulsion hire charges of machineries and labour, cost of fuel and lubricants all complete as per specification and direction on the Engineer-in-charge. (a) Over Water Bound Macadam surfaco @4.0 k.g per 10 m2.	16.92	SQ M	1442.70	24410.48
9	Providing and applying track coat using cationic bituminous emulsion of approved grade conforming to IS:8887-1978 over prepared surface with mechanical broom moistening the surface applying tack coat including cost and carriage of emulsion hire charges of machineries and labour, cost of fuel and lubricants all complete as per specification and direction on the Engineer-in-charge. (a) Over Black top surfaco @3.0 k.g per 10 m2.	13.31	SQ M	1384.25	18424.37
10	Providing & Laying 20 mm thick Open Graded Premixed Carpet using 13.2 mm (@0.18 m3/m2) and 11.2 mm (@0.09m3/m2) size stone aggregates including through cleaning of the surface, applying tack coat screening cleaning and preheating stone chips and fully pre coating the same with matrix @ 54 kg per m3 of aggregates 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 and all other cost and charges in this connection including hire charges and cost of fuel and labricants of machineries and equipments for construction and quality control as per IRC specification complete including cost of applying tack coat. (a) Using Mobile HMP (Light duty)	133.11	SQ M	2826.95	376295.31
11	Laying Premixed Seal Coat (type B) with approved quality sand /grit @0.6m3 /10 m2 and hot bitumen binder on thoroughly cleaned black top surface coated with tack coat, including heating and mixing cleaned sand/grit (100% passing through 2.36 mmsieve and retained on 180u sieve) uniformly with hot binder (@113.5 kg per m3 of grit or sand in suitable pan/Mobile hot mix plan (Light Duty), laying and spreading the mix at an niform rate using suitable means brusing the surface if necessary to ensure uniformity followed by rolling Wwith power roller including the cost and carriage of binder and aggregates cost of heating the binder and aggregates and all other incidental charges, cost of fuel and lubricants including hire charges of machinares, tools & plants required for construction and quality control complete including cost of applying tack coat. Using Mobile Hot Mix Plant (Light Duty)	47.91	SQ M	2826.95	135439.17



12	Removal of rubbish-earth etc from the working site & disposal of the same beyond the compound in conformity with the Municipal / Corporation rules for such disposal loading into truck & cleaning the site in all respect as per direction of Enginner-in-Charge page no. 29 Item no. 13 PWD BLDG	143.99	m3	866.25	124731.34
13	125 mm thick brikwork with 1st class bricks in cement mortar 1:4 page no. 73 Item no, 29 PWD Bldg	677.00	m2	130.00	88010.00
5	Brick work with 1 st class bricks in cement mortar 6:1 a in foundation and plinth page-69 item 22 a	4999.00	M3	32.50	162467.50
14	10 Mm thick cement pluster with sand & cement morther (4:1)with 1.5 Mm thick neat cement punningr page no. 319 Item no. 2.(ii)c) and page no 323 item no. 8 PWD Bldg	124.29	m2	480.40	59708.92

2115619.00

fury
Assistant Engineer
P.W. Department
Baranagar Municipality

Chairman
19/12/12
Chairman
Baranagar Municipality

