

KUTIYANA NAGARPALIKA

KUTIYANA, DIST: PORBANDAR

NAME OF WORK :- PATCHWORK, REPAIRING & RESURFACING OF ASPHALT ROAD, C.C. ROAD & PAVER BLOCK ROAD DUE TO DAMAGED BY HEAVY RAINS IN VARIOUS AREAS OF KUTIYANA, DIST. PORBANDAR

SPECIFICATION INDEX

Item No.	Description of Item	Item No/Page No. of corresponding applicable specification Booklet.	Remarks
1	2	3	4
1	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed up to 50 M	Road Works Specifications Booklet Item No. 09, Page No. 22	
2	Demolition and disposal of unserviceable materials with all lead and lift. (i) Cement Concrete	Building Specific Item No. 20.1 (I) (II)	
3	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead	As Per Building Specification	
4	Filling in foundation and plinth with murrum or selected soil in layers of 20 cm thickness including watering, ramming and consolidating etc. complete.	Building Specific Item No.5.0.0.8	
5	Supplying of coarse sand for sub base including conveying the materials at site of work including the cost of materials, labours and consolidation and watering etc. complete with an. Av. Lead of 23.00 Kms.	----	
6	Providing and laying sub-base required by providing course graded material grading -I 150 mm thick in two layer using BTMC metal 53mm to 26.5mm @ 35% aggregate, 26.5mm to 4.75mm @ 45% & stone dust @ 20% (CBR not less than 30%) as per table 400-2 of MORT&H Gradation including conveying the materials at the site of work, mixing and spreading in to grade and camber, watering and consolidation at OMC with vibratory roller incl. the cost of materials labours etc. complete.	Road Works Specifications Booklet Item No. 21, Page No. 32	
7	Providing and laying cement concrete 1:4:8 (1 Cement: 4 Coarse sand: 8 hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork.	Building Specific Item No.5.3.3 (A)	
8	Providing and laying cement concrete 1:3:6 (1 - Cement: 3-Coarse sand: 6-hand broken stone 40mm nominal size) and curing complete including cost of formwork in (A) Foundation and plinth	Building Specific Item No.5.3.2 (A)	

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9	Providing and laying cement concrete 1:2:4 (1 Cement: 2 Coarse sand: 4 graded stone aggregates 20mm nominal size) and curing complete excluding cost of form work in: Foundation and Plinth.	Building Specific Item No.5.3.13	
10	Providing and casting in situ-controlled cement concrete M-200 for average 150 mm thick wearing coat laid as directed including tamping, vibrating, finishing, curing and filling in joints with bitumen complete. (up to 10 ton)	Building Specific Item No. 5.8.2	
11	Providing and laying 250 mm avg. thick wet mix macadam (W.M.M.) using machine crushed black trap aggregate as per MORT&H, the material with water OMC in mechanically mix (pug mill) carriage of mix material by contractors own tipper to site of work including laying, spreading and compacting in sub base, base course on well prepared under base of compacting as per MORT&H Specification to achieve the desired density (Mechanically laid)	Road Works Specifications Booklet Item No. 22, Page No. 34	
12	Providing and fixing precast Rubber Dye inter locking concrete block 60 mm thick with grade of concrete M250 pneumatic compressed by mechanically pressed and as per approved design including 75 mm sand layer for leveling and filling the joint with sand in proper line and level etc. complete	Separately Attached	
13	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm ² working pressure polythene pipes of the following outside Dia. Low density, complete with special flange compression type fittings, wall clips etc. including making good the wall ceiling and floor. (G) 110 mm	-----	
14	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal diameters. (i) 300mm dia.	Road Works Specifications Booklet Item No. 63, Page No. 74	
15	Providing and fixing in position FE 500/500D TMT bar reinforcement including cutting, bending and tying complete as per detailed drawings. (D) Wearing Coat. (Up to 10 ton)	Building Specific Item No. M-19	

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16	Renovation of Manhole: Renovation of machine by increasing the height at top including cost of excavation, refitting of RCC manhole frame and cover curing etc. complete incl. all carting and providing of materials which is required for the purpose (except manhole frame and cover) For all type manhole by providing RCC 1:2:4 partition walls with required reinforcement 25cm thick and circular opening with 500mm clear dia and 0.40 mt. average height.	-----	
17	Tracing of Old Manhole. All Type of Manhole (Circular Chamber, House Chamber)	Building Specific Item No.5.3.13	

Chief Officer
KUTİYANA NAGARPALIKA
KUTİYANA