

# KALAVAD NAGARPALIKA-KALAVAD

## DIST: JAMNAGAR

**NAME OF WORK :- RESURFACING OF EXISTING ROAD DAMAGE BY HEAVY RAIN DURING MONSOON 2026-27, AT. VARIOUS LOCATION OF KALAVAD NAGARPALIKA, DIST JAMNAGAR.**

### 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 ramming the excavated stuff and despositing on the road side slope as directed up to all lead and sretta	AS per Attached Specification Booklet	-
2	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	AS per Attached Specification Booklet	-
3	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	AS per Attached Specification Booklet	-
4	Providing & laying spreading and compacting 150mm thick WBM Grade - II of B.T.M.C. metal 40mm to 63mm size including using 20% (13+7%) filler i.e. stone screening 13.2 mm at the rate 0.16 Cumt. & 0.08 stone dust including spreading in uniform thickness hand packing rolling with vibratory roller 8-10 tonnes in stages to proper garde and cmaber applying and brooming required types of screening/binding materials to fill up the interstices of coarse aggregate watering and compacting to the required density.	AS per Attached Specification Booklet	-
5	Providing and laying cement concrete 1:4:8 ( 1 cement : 4 coarse sand : 8 Machine cut stone aggregate 40mm nominal size ) and curring complete excluding cost of formwork in (a) Foundation and plinth	AS per Attached Specification Booklet	-
6	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 Machine cut stone aggregate 40mm nominal size) and curring complete excluding cost of formwork in (a) Foundation and plinth	AS per Attached Specification Booklet	-

7	Providing and Laying in position Controlled Concrete M-200 grade concrete for using cement content as per approved design mix, improve workability without impairing strength and durability as per direction of the engineer in charge. (min cement level as per latest ID: 456 shall be maintained) for 150mm thick trimix C.C Road with trimix vacume dewatering system work with power trowling sheet form with M.S Channel, surface vibrator with providing road expansion joint having size 6mmx50mm by concrete cutter machine and filled with bitumen, finishing with floor hardener necessary all equipments, all labour charges complete.	AS per Attached Specification Booklet	-
8	Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed/vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC : SP 63-2018 etc. Complete. (Agency must Fill the rate of 80mm thick & M-300 grade paver block instead of 60mm paver block)	AS per Attached Specification Booklet	-
9	fixing Available Pre-Cast Rubber Dye Inter locking concrete Block 60mm thick including 35mm sand layer for levelling and filling the joint with sand in proper line and level. Also Scrub old Paving Block and <u>Remove all Dust and Dirt</u>	AS per Attached Specification Booklet	-
10	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	AS per Attached Specification Booklet	-
11	Supplying of murrum / binding materials	AS per Attached Specification Booklet	-
12	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed. (i) Murrum	AS per Attached Specification Booklet	-
13	Tracing of Old Manhole. All types of Manhole.	AS per Attached Specification Booklet	-
14	Preparing surface by Brushing with wire brushes for removing caked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunney bags to remove all loose dirt etc.(ii) Black top surface.	AS per Attached Specification Booklet	-
15	Providing and laying asphalt painting (VG grade) on B.T surface using bulk asphalt @ 5.00 kg/10 sqm & spreading stone dust @0.03 cum/10 sqm on painted surface including cost of asphalt & stone dust & all labour work etc complete.	AS per Attached Specification Booklet	-

16	Providing and laying 25mm thick semi dense bitumenous concrete using black crushed stone aggregate and filler materials as per gradation of M.O.R.T & H. specification Including using cationic rapid setting emulsion for tack coat at the rate of 4.00 kg/10 sqm, by mechanical sprayer and bitumen of 60-70 grade of mixing at the rate of 50.00 Kg/M.T. by weight of total mix (ie. 5.00%) and mixing the aggregate and bitumen by continuous batching drum mix plant and spreading the same by paver finisher and consolidator by vibratory roller including cost of all materials, fuel, labours, tools and plants, using contractor's own machineries.	AS per Attached Specification Booklet	-
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**Shreeji Consultancy**  
Project Consultant

**Municipal Engineer**  
Kalavad Nagarpalika

**Chief Officer**  
Kalavad Nagarpalika