

<u>(ROAD RESURFACE 2026-27)</u>					
<u>VAGHODIYA NAGARPALIKA</u>					
<u>VAGHODIYA</u>					
NAME OF WORK :- Item Rate Tender for Asphalt Road Resurface for Various location in Various location in VAGHODIYA Nagarpalika, VAGHODIYA.					
<u>ABSTRACT</u>					
<u>No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Rate</u>	<u>Per</u>	<u>Amount</u>
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 Engineer In-charge upto all Lead.	1.00		Cu.Mtr.	
2	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	1.00		Cu.Mtr.	
3	Dimolition and disposal of unserviceable materials with all lead and lift .(ii) unreinforcement cement concrete.	1.00		Cu.Mtr.	
4	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	1.00		Sq.Mtr.	
5	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	1.00		Sq.Mtr.	
6	Repairing and Renovation of Existing M.H. Chamber Finish up to Road Lavel	1.00		Nos.	
7	RCC precast M.H. Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M.200 Frame & cover suitable to drainage M.H. and as per type design & Drawing including cost of reinforcement M.S. Angles or Flat, curing mold work etc. Heavy duty (1.) Frame suitable for 50cm opening of MH (2.)Cover suitable for 50cm opening of MH	1.00		Nos.	
8	Carting of surplus earth.(2.0 Km. Lead)	1.00		Cu.Mtr.	
9	Preparing Surface by brushing with wire brushes for removing cacked mud etc. sweeping with brooms and finally fanning the cleaned surface with gunny bags to remove all loose dirt etc (II) Black top to surface(New)	1.00		Sq.Mtr.	
10	Construction of granular sub base by providing coarse graded material BTM Cusing metal 53 mm to 26.5 mm AT 35 PERCENTAGE, aggregate 26.5 mm to 4.75 mm AT 45 PERCENTAGE and stone dust 2.36 mm to 7 below AT 20 PERCENTAGE incl. spreading in uniform layers with motor grader on prepared surface mixing by mix in place method with rotavator at OMN and compacting with vibratory roller to achive the desired density complete.	1.00		Cu.Mtr.	

11	Supplying of crushed black stone metalchipping etc. of hard stone of following nominal size free of disintegrated piecesdeletarious and organic matter (forBitumen surface dressing etc.) and grading as per I.R.C. Code. (i) 50 mm	1.00		Cu.Mtr.	
12	Supplying of crushed black stone metalchipping etc. of hard stone of following nominal size free of disintegrated piecesdeletarious and organic matter (forBitumen surface dressing etc.) and grading as per I.R.C. Code. (ii) 10mm to 12mm	1.00		Cu.Mtr.	
13	Spreading and rolling the stone aggregates for solingand W.B.M. including filling the interstices forming the surface to required camber and gradient(i) 40mm to 63mm size aggregates	1.00		Cu.Mtr.	
14	Providing and laying spreading and compacting graded stone aggregate to wet mix macadam 150 mm thick as per MORT&H specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed ma anal by tippers to site, laying in uniform layers with paver in sub base/ base course on well prepared surface End compacting with vibratory roller to achieve the desire density.	1.00		Cu.Mtr.	
15	providing and laying Bitumenous grout compacted with (VG 30) asphalt 60/70 grade at the tare of 1.99 Percentage by weight of total mix for mixing and tack coat at 2.5kg/10sqm, emulsion on BT Surface using B.T chips of required gradation including cleaning and heating the aggregate and asphalt by continuous batching of Drum mix plant and spreding the same by paver finisher one layer and consolidation with vibratory roller and power roller including providing all materials, equipment, tools and plants, oil, kerosene, firewood, labour charges etc. coreplete using contractor own machmaries Drum mix plant and parver finisher etc Complete	1.00		M.T.	
16	Providing and laying 50 mm B.M. with B.T. Aggregate as per MORT & H specification and emulsion RS grad .2 for tack coat AT 2.50 Kg./10 smt. with Mechanical sprayer & Bitumen Grade VG-30 (60/70) for mixing AT 34.00 Kg./Mt. i.e. 3.40PERCENTAGE by weight of total mix including heating and mixing the aggregate & asphalt in continuous batch mix plant and spreading the same by sensor paver finisher & consolidation with vibratory roller including providing all materials equipments, tools & plant, fire wood, oil, kerosene, labour charges etc. complete using contractor's own machinery batch mix plant & sensor paver finisher etc. complete	1.00		M.T.	

17	Providing and laying 25 mm thick (Compacted) Semi -dense Bituminous concrete on exiting bituminous surface and using specified graded black trapped machine crushed aggregate with bitumen Vg-30 - 60/70 for mixing AT 50.00 Kg./Mt. i.e. 5.00PERCENTAGE by weight of total mix as per MORTH specification and emulsion RS grad .2 for tack coat AT 2.50 Kg./10 smt. with Mechanical sprayer including heating ind mixing of asphalt with B.T. chips in continuous batch mix plant and transporting same at site and speading by sensor paver finisher and consolidation the same with pair of 8 tonnes to 10 tonnes vibratory roller to achive desire density and including flusing the stone dust AT 0.03 cum/10smt including cost of required tools , plants, all machineries, equipment fire wood , oil, kerosene charges	1.00		M.T.	
18	Providig & Laying ashphalt painting on B.T. surface with bitumen VG30 Rate of 5Kg. /10 Sqm. And Spreading Sand on Painting Surface at the rate of 0.03 cum/10Sqm with rolling with PTR Roller.	1.00		Sq.Mtr.	
19	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	1.00		Cu.Mtr.	
20	Filling, Foundation & Plinth with murrum or selected soil in layers of 20 cms thickness including watering , ramming and consolidation etc complete.	1.00		Cu.Mtr.	
21	Providing and fixing pre-cast Rubber Dye /steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic 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 guidlines of IRC : SP 63-2018 etc. Complete.	1.00		Sq.Mtr.	
22	Re-fixing pre-cast Rubber Dye/ steel Dyeinter locking concrete block 60 mm thick with grade of concrete M300 pnumatic compressed/ vibrated mechanically and as perapproved design Confirming to IS15658: 2006 including 35mm Sandlayer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63- 2018 etc. Complete.	1.00		Sq.Mtr.	
23	Providing and fixing pre-castcocrete kerb stone of gray cement based concrete block 30cm length, 30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3(1cement:3fine sand)etc complete.	1.00		Rmt.	
24	Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	1.00		Rmt.	

25	Labour charges for repairing of leakage in PVC pipe line of following diameter at different places including necessary excavation manually or by mechanize excavation, dewatering, removing of mud, cleaning of pipe and leakage portion, cutting the pipe line and removing piece of pipe from trench with incl. of mechanical device JCB, Hydra/ crane if necessary and labours required with providing material such couplers, solution etc. comp. (inclu. all materials)-90 mm	1.00		Nos.	
26	Labour charges for repairing of leakage in PVC pipe line of following diameter at different places including necessary excavation manually or by mechanize excavation, dewatering, removing of mud, cleaning of pipe and leakage portion, cutting the pipe line and removing piece of pipe from trench with incl. of mechanical device JCB, Hydra/ crane if necessary and labours required with providing material such couplers, solution etc. comp. (inclu. all materials)-110 mm	1.00		Nos.	
27	Labour charges for repairing of leakage in PVC pipe line of following diameter at different places including necessary excavation manually or by mechanize excavation, dewatering, removing of mud, cleaning of pipe and leakage portion, cutting the pipe line and removing piece of pipe from trench with incl. of mechanical device JCB, Hydra/ crane if necessary and labours required with providing material such couplers, solution etc. comp. (inclu. all materials)-160 mm	1.00		Nos.	
28	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beads as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide luminance coefficient on cement road shall be min 130 mcd/m ² /lux and Asphalt road shall be min 100 mcd/m ² /lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.	1.00		Sqmt.	
29	Supplying and fixing cat eye (Stimsonite) made out from Acrylic beautiful sterile injection high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	1.00		Nos.	

(A) Total Tendered amount

(B) Item Rate Tender Amount (if any)(in Figure)

(.....) (in word)

(C) Net Tendered amount (A - B)
In words (Rs.....)

Signature of the Contractor

Chief Officer
VAGHODIYA Nagarpalika

Notes 1 : - All work shall be carried out as per Public Works Department Handbook and other specifications of IS Code.

Notes 2 - Rates quoted includes clearance of site (prior commencement of work and at its close) in all respects

Notes 3 -The Item for Which no Rate or Price Has been entered will not paid for by the employer when executed.

Notes 4 - Unit Rates and Prices Shall be Quoted by the bidder in Indian Rupees.

Notes 5 - Where there is a discrepancy between the rate in figures and words , The rates in words will given.

Notes6 - Labour cess @1Percentage (or as per the then prevailing rules of concerned department) included of the work done

Notes 7 - The bidder should quote his bid Item Rate of schedule B. If he do not wish to quote premium or rebate

Notes 8 - Works should be carried out under the supervision of PMC/TPI appointed by Vagodiya Nagar Palika.

Notes 9 - Rates quoted including of GST as per the then prevailing rules of concerned department.

Signature of the Contractor

Chief Officer
VAGHODIYA Nagarpalika