

Bill of Quantities & Price Bid Format					
Repairing of Roads in ITPS Colony 2023-24					
SI No	Description	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Bituminous Macadam (BM) :				
	<p>Providing & Laying of bituminous macadam with hot mix plant using crushed aggregates of specified grading premixed with bituminous binder of 60/70 penetration grade of bitumen (VG-30), transported to site, laid over a previously prepared surface with a hydrostatic paver finisher with sensor control to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per Clause 504 of MoSRT&H specifications for Road & Bridge Works (4th Revision) including all cost, materials, conveyance, royalty, labour, T&P, machinaries, etc complete in all respect as per direction of Engineer-In-Charge..</p> <p>Grading II - 19mm nominal size aggregates, VG-30 grade Bitumen @ 3.3% weight of mix</p>	Cum	224		
2	Semi dense bituminous concrete (SDBC)				
	<p>Providing & laying Semi dense bituminous concrete with batch type Hot Mix Plant using crushed aggregates of specified grading, premixed with bituminous binder of 60/70 penetration grade bitumen (VG-30), transporting the hot mix to work site, laying with a Hydrostatic Paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieved the desired compaction as per clause No.508 of MoRT & H specification for road and bridge works (4th revision) including all cost, materials, conveyance, royalty, labour, T&P, machinaries, etc complete in all respect as per direction of Engineer-In-Charge.</p> <p>Grading II - 10mm nominal size aggregates, VG-30 grade Bitumen @ 6% weight of mix</p>	Cum	391		
3	Providing and applying tack coat with Bitumen Emulsion				
	<p>Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg/ sqm on the prepared bituminous / granular surface cleaned with mechanical broom as per clause 503 of MoSRT&H Specifications for Road & Bridge Work (4th Revision) including all cost, conveyance, materials, labour, T&P, mechinaries etc complete as per direction of Engineer-In-Charge</p>	Sqm	9,058		
4	Cleaning existing granular vase surface :				
	<p>Cleaning existing granular vase surface including removal of binding materials and other foreign materials with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with gunny bags and/or compressed air to receive bituminous treatment including all cost, labour, T&P, machinaries etc complete as per direction of Engineer- In Charge.</p>	Sqm	6,534		
5	Blinding road surface with sand				
	<p>Blinding road surface with sand 6mm thick including cost of sand, conveyance, royalty, labour, T&P, machinaries etc complete in all respect as per direction of Engineer-In-Charge.</p>	Sqm	9,058		

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6	Wet Mix Macadam (WMM)				
	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant, carriage of mixed material by tipper to site, laying in uniform layers with pavers in sub-base/base course course on well prepared surface and compacting with vibratory roller to achieve the desired density as per clause 406 of MoRT&H specifications for Road & Bridge Works (4th Revision) including all cost, materials, royalty, labour, conveyance, T&P, machineries etc complete in all respect as per direction of Engineer-In-Charge.	Cum	193		
7	Providing and applying Primer coat with Bitumen Emulsion				
	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning the road surface and spraying primer at the rate of 0.60 kg/ sqm using mechanical means as per clause 502 of MoSRT&H Specifications for Road & Bridge Work (4th Revision) including all cost, conveyance, materials, labour, T&P, mechinaries etc complete as per direction of Engineer-In-Charge	Sqm	963		
8	Earth excavation in ordinary soil				
	Earth work in excavation up to 1.5m depth in ordinary soil including dressing & levelling the bed & depositing the excavated materials within 50m. initial lead & 1.5m. initial lift including all cost, conveyance, labour, tools & plants complete as per the direction of Engineer-in-charge.	Cum	285		
9	Back filling / plinth filling with excavated earth within 50m lead				
	Earth work in back filling of foundation/ pits / trenches etc including dressing & levelling with excavated earth within initial lead of 50 meters including all costs, conveyance, labour, T&P complete as per the direction of Engineer-in-charge.	Cum	132		
10	Transportation of debris				
	Transportation of debris / surplus spoil away from work site upto a lead of 5 kilometres by tractor including all cost, conveyance, fuels, loading & unloading, labour, etc complete as per the direction of Engg.-in-charge.	Cum	153		
11	Road marking with thermoplastic paint using manually operated road marker trolley.				
	Providing & applying approved brand and shade road marking paint (Thermo Plastic Paint) by Mechanical means using manually operated Road marker trolley including all cost of materials, labour, conveyance, T&P , machineries etc complete in all respect as per direction of Engineer-In-Charge.	Sqm	288		
TOTAL VALUE IN INR (EXCLUDING GST)					
GST SHALL BE EXTRA AT ACTUALS, APPLICABLE % ALONG WITH SAC CODE TO BE INDICATED IN YOUR PRICE BID					