

TENDER
DOCUMENT

**Name of work: - Const. of Bituminous road in Dwarkadhish, Aravli heights),
Sector-24, Dharuhera, Rewari, Haryana-123106**

Bidder Name-
Bidder Agency-
Bidder Address-
Turnover-

Completion certificate of similar work-

BILL OF
QUANTITIES

Sr. No	Description of Item with brief specification and reference to book of specification.	Quantity	Unit	Rate to be quoted by the contractor/ Bidder	
				In figures	In words
1	Dismantling & cleaning of existing damaged Bitumen surface by JCB up to 150 mm depth and remove the material outside.	360	Cum		
2	Granular Sub-Base with Coarse Graded Material - Grading-I or II or III (Table: - 400-2) Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mixing in place method with Rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401 of MORTH & specifications 2. Grading II material	120	Cum		
3	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.85 kg/sqm using mechanical means as per technical clause 503 of MORT&H specifications	2400	Sqm		
4	Providing and laying bituminous macadam (BM) 50 mm thick with Batch type hot mix plant 100-120 TPH using crushed aggregates of specified grading premixed with bituminous binder VG - 30 @3.4% transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction complete as per technical clause 504 of MORTH & specifications	120	Cum		

5	Providing, laying and rolling of open - graded premix (PC) surfacing of 20 mm thickness composed of crushed stone aggregates of specified grading premixed in a continuous type of hot mix plant of appropriate capacity not less than 75 tonne per hour, with bituminous binder VG - 30 @ 1.46 kg per sqm, laid with Paver Finisher Mechanical and rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades complete as per technical clause 510 of MORT&H specifications.	2400	Sqm		
6	Tack Coat 1. Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom as per technical clause 503 of MORT&H specifications	12000	Sqm		
8.	Bituminous Concrete (BC) with Batch type HMP- Bituminous Concrete 30-40mm thickness (grading I) with 100-120 TPH batch type HMP Providing and laying 50mm-65mm bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder VG - 30 @ 5.2% per cent of mix and filler, 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 achieve the desired compaction complete in all respects as per technical clause 507 of MORT&H specifications as per MORT&H specification	360	Cum		
9.	Seal Coat 1. Seal Coat Type A with VG -10 Providing and laying seal coat Type A (liquid Seal Coat) sealing the voids in a bituminous surface using crushed stone aggregates and penetration grade bitumen VG-10 @ 0.98kg/sqm laid to the specified levels, grade and cross fall complete as per technical clause 511 of MORT&H specifications.	12000	Sqm		
10	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including Reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	750	Sqm		
11	Road Markers/Road Stud with Lense Reflector Providing and fixing of road stud 100x 100 mm, die-cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm up to a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS 8 73 part 4: 1973	1000	Nos		

10	Dismantling and laying 60mm thick cement concrete interlocking paver block including 30-50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge	3200	Sqm		
11	Providing coarse sand	160	Cum		

Terms & Conditions:-

- **Quality of work is our must priority**
- **Only the lowest quoted value will be accepted.**
- **The decision of the concerned department will be final.**
- **Only the Batch type hot mix plant is accepted.**
- **Entire BC/PC must be lay in one go.**
- **Sample of material will be taken from through the out road from anywhere.**
- **Sample of material will be tested from our concerned lab.**
- **If any discrepancy or any kind of compromised is found in work the 50% payment will be seized.**
- **Once the 50% work will be completed the 25% payment will be made and in another half again the same will be followed, and the remaining 50% will be made within (1-2 weeks) after the passing of the sample from the lab.**
- **Final payment will be on actual measurement**
- **The Quotation or tender fees is 15000/- (Non-refundable)**
- **The concerned agency has to deposit EMD amount @2% after allocation of proceed letter and will be returned after 45 days of completion of work.**
- **All the Government Guidelines will be follow as per the HEW specifications for processing the tender work.**
- **Period of the completion in 30 Days**