



OFFICE OF THE EXECUTIVE ENGINEER (VDZ)

NAGAR NIGAM JAIPUR GREATER

AMBABADI CIRCLE AMBABADI JAIPUR

NAME OF WORK :- विधाघर नगर जोन के वार्ड नं. 39 में हरी नगर में प्लाट नं 18 से 09 तक व प्लाट नं. 09 से 18 तक डामर सड़क निर्माण कार्य।


G-SCHEDULE

RUIDP 2023

S.No	Particulars	Qty	Rate	Per	Amount in Rs.
1	Topographic Survey by taking longitudinal sections at every 10m interval, cross sections at every 5m interval on either side of center line of Road including supply of detailed drawings in appropriate scale & size in soft copy & Hard copy complete all respect as per direction of Engineer and detailed alignment plans with covering all features in a width:Upto 10 mtrs.	0.10	7767.00	km	776.70
2	Dismantling of flexible pavements and disposal of dismantled materials up to a lead of 50 metres as directed by Engineer. Bituminous courses	12.00	445.00	Cum	5340.00
4	Earth work in excavation for roadway, including trimming bottom and side slopes in accordance with requirement of line, grades and cross sections, including disposal of surplus material with all lift and lead upto 1000 metre as per MoRT&H specification clause 301. In all type of soil	40.00	235.50	Cum	9420.00
5	Carriage of Materials by mechanical transport including loading, unloading and stacking :: Earth 05KM	52.00	254.76	Cum	13247.52
6	Providing, laying, spreading (with paver finisher only) and compacting wet mix macadam (WMM) base course comprising of graded stone aggregate and granular material conforming to MORT&H specifications (Table 400-II) in layers of equal compacted thickness each consolidated, including pre-mixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed aterial by tippers to site, laying in uniform layers in base course on a well prepared sub-base/ base course and compacting with power vibratory-roller to achieve the desired density complete as per MoRT&H specification clause - 406 including all material, labour, machinery, lighting, guarding and maintenance of diversion.	24.00	1775.00	Cum	42600.00
7	Providing and applying primer coat over prepared surface of granular base with bitumen emulsion as per IS : 8887 and approved quality @ 0.6 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface including removing of binding material and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion	160.00	33.70	Cum	5392.00
8	Providing and applying tack coat on the prepared surface with bitumen emulsion as per IS: 8887 and approved quality @ 0.2 kg/sqm with the help of spray set fitted on bitumen Container (boiler) after cleaning the surface with brooms or soft brushes and finally dusting with old gunny bags and compressed air to receive bituminous treatment complete as per clause 502 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion..	460.00	12.00	Sqm	5520.00

9	Providing and laying 50-75 mm compacted thick design mix (approved by Engineer) Dense Bituminous Macadam on prepared surface with specified graded crushed aggregates as per Table 500- 9, 500-10 with bitumen binder set (including Cost of anti stripping compound Minimum 1% in Lime/Cement as per design wherever required) for base/ binder course including loading of material with F.E. loader, heating and mixing of stone aggregate, filler and bitumen in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensor control as per clause 504.3.5 to the required level and grade, compacting by power rollers and vibratory rollers or 150 to 250 KN pneumatic tyred roller with TP = 0.7 Mpa to achieve the desired density (approximately 2.3 tonne/cum) complete as per clause 507 of MoRT&H specification but excluding primer/tack coat, including all material, labour, machinery, lighting, guarding and maintenance of diversion Grade-II with Bitumen VG-grade 30 @ 4.50 %, lime filler @ 2% (percent by weight of total mix)	52.90	3,410.00	Tonne	180389.00
10	Providing and laying 30-45 mm compacted thickness Bituminous Concrete as per design mix (approved by Engineer) on prepared surface with specified grade stone aggregate as per Table - 500-18 with bitumen for wearing course including loading of aggregate with F.E. loader and hot mixing of stone aggregate and bitumen (including Cost of anti stripping compound Minimum 1% in Lime/Cement as per design wherever required) in computerised hot mix plant, transporting the mixed material by tippers to paver and laying with paver finisher fitted with electronic sensing device (as per clause 504-3.5) to the required level and grade and compacting by power rollers and vibratory rollers or 150 to 250 KN pneumatic tyred roller with TP = 0.7 Mpa, to achieve the desired density complete as per clause 509 of MoRT&H specification including all material, labour, machinery, lighting, guarding and maintenance of diversion but excluding primer/tack coat. Grade-II with Bitumen VG-grade 30 @ 6% (percent by weight of total mix)	37.03	4,360.00	Tonne	161450.80
11	Providing and laying marking of center line and stop line etc with hot thermoplastic compound 2.5 mm thick on road/ plain surface, including reflectorising glass beads @ 250 gms per sqm area with special applicator machine, as per IRC:35 including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control involved. The finished surface to be level, uniform and free from streaks and holes as per clause 803 of MoRT&H Specification including all material, labour, machinery, lighting, guarding and maintenance of diversion..	53.25	444	Sqm	23643.00
12	Providing and fixing CAT's eye made of aluminium alloy size 75x100x22mm having 21 biconvex lenses embedded in circular disk of AS plastic on each side on road surface complete including all material, labour, diversion.	65.00	178.00	Each	11570.00
13	Raising circular brick/RR stone masonry manhole with circular opening 560mm dia and frame slab to required level including dismantling existing slab, taking out the existing CI frame & cover of manhole and raising it upto ground/ road level, refixing of frame and cover in M15 (1:2:4) concrete all around the frame, including making good the damage, form work, curing, complete as directed by Engineer. (Brick work / RR stone work of raising depth of manhole to be paid separately)	10.00	610.00	Each	6100.00

14	Supplying & fixing 560mm dia opening SFRC manhole frame & cover as per IS : 12592-2002 in existing manholes including grouting the frame in PCC M-15 complete in all respect as directed by the Engineer. HD-20	12.00	2,675.00	Each	32100.00
				Total	497549.02
				Says in Lakhs	4.98


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I/We hereby accepted rates
 part A..... % above/below as per G Schedule

Signature of the contractor with full postal address & contact no.