

# JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Name of Work : Construction of CC road from Dantli village to Hingoniya Goshala, Zone-9, JDA, Jaipur

## G-Schedule

BSR For : 2016 JDA BSR (Road Works)-2015-2016

S. No	Particulars	Unit	Qty.	Rate	Amount
1	Preparation of Foundation for Embankment Scarifying Existing Bituminous Surface to a Depth of 150 mm by Mechanical Means Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per MoRD Specification Clause 301.4	Sqm	675.00	5.18	3496.50
2	Dismantling of Cement Concrete Pavements as per MoRD Specification Clause 202 Dismantling of cement concrete pavements by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 m, stacking serviceable and unserviceable materials separately	Cum	216.00	481.50	104004.00
3	Granular sub-base/base/surface course with local materials (Table 400.13) by mix in place method normal Construction of granular sub-base by providing local material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at once and compacting with smooth wheel roller to achieve the desired density complete as per Clause 401.4 as per MoRD Specification Clause 408. Using naturally occurring gravel	Cum	90.00	360.00	32400.00
4	Plain Cement Concrete M10 (1:3:6 nominal mix) in levelling course below open foundation of Head walls as per drawings & MoRD Specification Clause 1109 Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and MoRD specifications clause 802, 803, 1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6	Cum	229.50	2646.00	607257.00
5	Cement Concrete Pavement Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound and water finishing to lines and grade as per drawing and MoRD Specification Clause 1501 including vaccum dewatering process with all required equipments	Cum	675.00	5188.50	3502237.50

6	Direction and Place Identification signs with size more than 0.9 sqm size board Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on dia GI Pipe firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and MoRD Specification Clause 1701	Sqm	10.80	9180.00	99144.00
7	Marking Centre Line and stop lines etc. on road as per IRC pattern with thermoplastic paint of approved quality and make with 8% glass beads laid on the road surface at temperature 160" C with a special applicator machine complete with labour material and traffic diversion arrangements.	Sqm	178.20	436.50	77784.30
				<b>Total</b>	<b>4426323.30</b>

  
EXECUTIVE ENGINEER-9  
JDA, Jaipur.

