

Name of Road - Garrauli Mathiya to Mahawa Hanjar

To be under MMSUV

Schedule XLV-Form No. 134

Agency - M/S D. D. Construction

Executive Engineer

~~RWD (W) Division~~

Gopalgarh-2

DIVISION

Block - Baikunthpur

SUB-DIVISION

MEASUREMENT BOOK

1150

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Content of area
	No.	L.	B.	D.	
Abstract of Cost:					
(1/1) Providing & fixing of working bench - Mark pillars.					
Qty. vide TMRP - (17) item (1)					
= 2.08 km @ 13807.04/km					
					= Rs. 28719.00
(2/2) clearing & grubbing road land by manual means.					
Qty. vide TMRP - (17) item (2)					
= 0.399 ha @ 76926.08/ha					
					= Rs. 30694.00
(3/3) Cutting of trees including cutting of trunks.					
Qty. vide TMRP - (17) item (3)					
(i) Girth above 300 mm to 600 mm					
= 3 nos. @ 362.67/no.					
					= Rs. 1088.00
(ii) Girth above 600 mm to 900 mm					
= 2 nos. @ 631.45/no.					
					= Rs. 1263.00
(4/6) Excavation for roadway in soil.					
Qty. vide TMRP - (17) item (4)					
= 446.80 m ³ @ 104.01/m ³					
					= Rs. 46472.00
(5/2) Const. of embankment with material deposited at site from roadway cutting.					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Qty. Vid. THRP-(17) item (5)					
= 268.08 m ³ @ 81.51/m ³					= Rs. 21851.00
(6/8) Scruffing the existing bitumen surface.					
Qty. Vid. THRP-(18) item (6)					
= 2223.90 m ² @ 15.26/m ²					= Rs. 33937.00
(7/9) Const. of Subgrade & earthen shoulder.					
Qty. Vid. THRP-(18) item (7)					
= 957.60 m ³					
Qty. Vid. THRP-(30) item (13)					
= 12.00 m ³					
= 969.60 m ³ = Limit = 969.31 m ³					
@ 264.72/m ³ = Rs. 256896.00					
(8/10) Const. of G.S.B - II					
Qty. Vid. THRP-(18) item (8)					
= 592.82 m ³					
Qty. Vid. THRP-(30) item (10)					
= 7.50 m ³					
= 600.32 m ³					
Limit = 600.18 m ³ @ 3200.67/m ³					
= Rs. 1920978.00					
(9/11) Providing, laying, spreading & Compacting stone aggregates, A.R-N-III.					
Qty. Vid. THRP-(10) item (9)					

Continuation

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(13) 15	Providing & laying of S.D. 12.C				
	Qty. Vide TMBP - (19) item (13)				
	= 147.225 m ³				
	Qty. Vide TMBP - (30) item (9)				
	= 42.656 m ³				
	= 189.881 m ³				
	Unit = 187.50 m ³ @ 15969.89/m ³				
	= Rs. 2994354.00				
(14) 16	Cont. of D.C.C				
	Qty. Vide TMBP - (30) item (11)				
	= 9.00 m ³ @ 6305.67/m ³				
	= Rs. 56751.00				
(15) 17	Cont. of Panel Concrete R.C.C Pavement.				
	Qty. Vide TMBP - (30) item (12)				
	= 46.875 m ³ @ 10286.37/m ³				
	= Rs. 482174.00				
(16) 18	R.C.C M15 grade 10.00 stone.				
	Qty. Vide TMBP - (31) item (14)				
	(i) K.M. stone =				
	= 3 nos. @ 3215.50/no.				
	= Rs. 9647.00				
(ii)	200 M stone.				
	= 9 nos. @ 866.06/no.				
	= Rs. 7795.00				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(17) (19) Providing & fixing of typical MMGSUY informatory sign board.					
Qty. Vide TMBP-(19) item (14)					
= 3 nos.					
Qty. Vide TMBP-(31) item (15)					
= 2 nos.					
= 5 nos. @ 11811.37 / no.					
					= Rs. 59059.00
(18) (20) Printing new letters & figures.					
Qty. Vide TMBP-(31) item (16)					
= 132 cm/lt @ 0.76 / cm/lt					
					= Rs. 100.00
(19) (21) R.C.C 415 grade boundary pillars.					
Qty. Vide TMBP- 31 (31) item (7)					
= 40 nos. @ 75177 / no.					
					= Rs. 30071.00
(20) (22) Provisions of 15 no rumble strips.					
Qty. Vide TMBP-(31) item (18)					
= 3.375 m ² @ 1170.36 / m ²					
					= Rs. 3950.00
(21) (23) Providing & fixing of semi reflective cautionary, mandatory & informatory sign.					
Qty. Vide TMBP-(31) item (19)					
(i) 600 mm equilateral & triangle.					
= 6 nos. @ 4279.27 / no.					
Continuation					= Rs. 25676.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(i) 600 mm Circular.					
= 4 nos. @ 5728.89 / m.					
					= Rs. 22916.00
(ii) 600 mm x 450 mm Rectangular.					
= 6 nos. @ 5580.80 / m.					
					= Rs. 33483.00
(iv) 900 mm Side Octagon.					
= 1 no. @ 10169.05 / m.					
					= Rs. 10169.00
(v) Hazard board.					
= 12 nos. @ 5580.50 / m.					
					= Rs. 66966.00
(vi) Chevron sign board.					
= 6 nos. @ 5922.93 / m.					
					= Rs. 35538.00
(22) Providing & laying of hot applied.					
(24) thermoplastic Comp.					
for i.e. Qty. Vide TWP (32) item (20)					
= 20 m ² @ 1005.95 / m ²					
					= Rs. 20119.00
(23) Providing & laying of hot applied					
(25) thermoplastic Comp.					
for II Qty. Vide TWP (19) item (15)					
= 308.00 m ²					
Qty. Vide TWP (32) item (21)					
= 92.00 m ²					
Continuation					
= 400 m ² @ 886.50 / m ²					= Rs. 354600.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(24) 26 Planting of trees by the road side.					
Qty. Vide T.M.B.P. - (32) item (22)					
= 160 Nos. @ 1305.10 / No.					
					= Rs. 208816.00
(25) 28 Dismantling of existing structure like Culverts.					
Qty. Vide T.M.B.P. - (20) item (16)					
(29) P.C.C					
= 150723 m ² @ 692.77 / m ²					
					= Rs. 10892.00
(ii) R.C.C					
= 127.765 m ² @ 1610.02 / m ²					
					= Rs. 205704.00
(iii) Cement mortar.					
= 20.25 m ² @ 321.93 / m ²					
					= Rs. 6519.00
(iv) Removing of all types of lime pipe.					
= 7.50 m @ 356.13 / m					
					= Rs. 2671.00
(24) 31 E/W in excavation for folk of structure.					
Qty. Vide T.M.B.P. - (21) item (21)					
= 230.371 m ² @ 86.89 / m ²					
					= Rs. 20017.00
(27) 32 Providing Concrete M15 for plain /					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
reinforced concrete in open fdh.					
Qty. Vide TMRP-(21) item (22)					
= 21.72 m ³ @ 8089.14/m ³					
					= Rs. 256668.00
(28/33) Providing concrete for plain/reinforced (M20) in open foundation.					
Qty. Vide TMRP-(21) item (22)					
= 87.20 m ³ @ 8946.45/m ³					
					= Rs. 780130.00
(29/34) Supply, fitting & placing of HYSD bar.					
Qty. Vide TMRP-(22) item (24)					
= 0.604 MT @ 73562.07/MT					
					= Rs. 44431.00
(30/35) Plain/reinforced cement concrete (M20) in sub-structure.					
Qty. Vide TMRP-(22) item (25)					
= 62.64 m ³ @ 9253.22/m ³					
					= Rs. 579622.00
(31/36) Providing Neepholes.					
Qty. Vide TMRP-(22) item (26)					
= 154 nos. @ 145.75/no.					
					= Rs. 22446.00
(32/37) Plain/reinforced cement concrete (M20) in sub-structure.					
Qty. Vide TMRP-(22) item (27)					
= 91.80 m ³ @ 9935.21/m ³					
					= Rs. 912052.00

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{33}{38}$ Supply, fitting & placing lysed bar. Qty. Vide T.M.P.-(22) item (28) = 6.60 MT @ 73774.42/MT = Rs. 486911.00					
$\frac{34}{39}$ Backfilling behind abutment / wing wall. Qty. Vide T.M.P.-(23) item (29) = 149.24 m ³ @ 954.26/m ³ = Rs. 134780.00					
$\frac{35}{40}$ Providing & laying of filter media. Qty. Vide T.M.P.-(23) item (30) = 73.83 m ³ @ 5062.01/m ³ = Rs. 373728.00					
$\frac{36}{41}$ Providing & laying R.C.C (M30) in superstructure. Qty. Vide T.M.P.-(23) item (31) = 44.063 m ³ @ 10722.75/m ³ = Rs. 472521.00					
$\frac{37}{42}$ Supply, fitting & placing lysed bar. Qty. Vide T.M.P.-(23) item (32) = 3.236 MT @ 75322.53/MT = Rs. 243747.00					
$\frac{38}{43}$ Parapet Const. (M25) Qty. Vide T.M.P.-(23) item (33) = 7.34 m ³ @ 10432.81/m ³ = Rs. 76584.00					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{39}{44}$ Pointing the Parapet wall. Qty. Vide TMRP-(29) item (5) = 50.88 m ² @ 139.16/m ² = Rs. 7080.00					
$\frac{40}{45}$ Drainage spouts. Qty. Vide TMRP-(23) item (3) = 12 nos. @ 872.31/m. = Rs. 10468.00					
$\frac{41}{46}$ Providing a layer of R.C.C. Concrete in Superstructure (431). Qty. Vide TMRP-(28) item (2) = 14.02 m ³ @ 14200.01/m ³ = Rs. 199794.00					
$\frac{42}{47}$ R.C.C. 150 levelling course below approach slabs. Qty. Vide TMRP-(28) item (1) = 7.035 m ³ @ 8239.32/m ³ = Rs. 57964.00					
$\frac{43}{48}$ Earthwork in excavation for feet of structure. Qty. Vide TMRP-(24) item (3) = 112.22 m ³ @ 86.29/m ³ = Rs. 9751.00					
$\frac{44}{49}$ Providing & laying boulders approx. Qty. Vide TMRP-(28) item (3) = 27.60 m ³ @ 5224.30/m ³ = Rs. 144191.00					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(45) 50 Providing Concrete (M15) for Plain/ reinforced Concrete in open fdh.					
Qty. Vide TMBP-(24) item (36)					
= 5.60 m ³ @ 8089.14 / m ³					
					= Rs. 45299.00
(46) 51 Providing Concrete (M20) for Plain/reinforced Concrete in open fdh.					
Qty. Vide TMBP-(24) item (37)					
= 34.12 m ³ @ 8946.45 / m ³					
					= Rs. 305253.00
(47) 52 Earthwork in excavation for fdh of structure					
Qty. Vide TMBP-(20) item (12)					
= 49.63 m ³ @ 177.55 / m ³					
					= Rs. 8812.00
(48) 53 Providing P.C.C M15 as levelling course in fdh.					
Qty. Vide TMBP-(21) item (18)					
= 6.53 m ³ @ 8089.14 / m ³					
					= Rs. 52822.00
(49) 54 Plain reinforced Cement Concrete (M20) in Sub-structure.					
Qty. Vide TMBP-(21) item (19)					
= 27.68 m ³ @ 8780.45 / m ³					
					= Rs. 243043.00
(50) 55 Providing a laying of R.C.C pipe					

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