

M.B.No. 208

Shedule XLV Form No. 134.

MLR Jagodih High

DIVISION

School To Ramdihara.

SUB-DIVISION

Measurement Book

M.B.No. 2054

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:— Construction of Maintenance of Road (M.R.) Jagodih High School To Ramdihra					
Name of Agency:— Sushma Accounts — P.V.T. LTD					
Agg. Memo — 35/M.R. 2020-2021					
Date of start — 6-08-20					
Date of completion — 5-08-21					

- ① Clearing and Grubbing Road land (By manual means) Including uprooting Willod vegetation grass do-do

Qty - 0.30 H.A

- ② Construction of Subgrade & earth shoulder with Approved material obtained from Borrow Pits

BT Portion

2 X 5 X 30 X 1.00 X 0.250	=	75.00 m ³
2 X 5 X 30 X 1.00 X 0.250	=	75.00 m ³
2 X 10 X 30 X 1.00 X 0.250	=	150.00 m ³
2 X 10 X 30 X 1.00 X 0.250	=	150.00 m ³
2 X 3 X 30 X 1.00 X 0.250	=	45.00 m ³
2 X 1 X 50 X 1.00 X 0.250	=	25.00 m ³
Continuation 520.00 m ³		

2nd & Final Bill
2nd & A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Name of Work: — Construction of Maintenance of Road (M.R) Jagodih High school To Ramdihra					
② Name of Agency: — Sushma —					
— ASSOCIAT P.V.T. LTD					
Agreement No — 35/M.R 2020-21					
Date of Start — 6-08-20					
Date of Completion — 5-08-21					
2 MTS Culvert					

① Plastering with cement (2 No Culvert) mortar (1:4) on Brick Work in sub structure as per Technical specification

Side face — $4.00 \times 4.70 \times 0.60 = 11.220$

Top — $2.00 \times 4.70 \times 0.40 = 3.760$

Front face — $4.00 \times 0.40 \times 0.60 = 0.960$

32 m² $\leftarrow 2 \times 16.000 \text{ m}^2$

② Painting Top coat on New

Concrete surface —

Side face — $4.00 \times 4.00 \times 0.60 = 9.600$

Top — $2.00 \times 4.00 \times 0.70 = 3.760$

Front face — $4.00 \times 0.40 \times 0.60 = 0.960$

40.160 m² $\times 2 = 96.32$

Continuation

96.32 m²

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Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① Plastering with cement mortar					
29 qty - $16.00 \text{ m}^2 \times 2 = 32 \text{ m}^2$					4110200
@ Rs 128246 per m^2					Rs 2052000
② Painting two coat New surface					
30 qty - $48.16 \text{ m}^2 \times 2 = 96.32 \text{ m}^2$					9562200
@ Rs 97219 per m^2					Rs 4680000
Hume pipe $2 \times 600 \text{ mm}$					
① Brick masonry C.M (1:3)					
20 in Parapet					

Qty = 2.69 m^3					
@ Rs 5259.74 per m^3					Rs 14149200
② Plastering with cement mortar (1:4)					
Qty 10.080 m^2					
@ Rs 128246 per m^2					Rs 2425000
③ Painting two coat New surface					
30 qty 53.36 m^2					
@ Rs 97219 per m^2					Rs 5380000
Total					Rs 22690000
Total					<u>Rs 35426000</u>

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B. F. 2	B	35426.00
1X1.50 Meter R.C. slab					
① Brick masonry in C.M (1:3)					
2 nd Qty = 2.69 m ³					
@ Rs 279.74/m ³					Rs 14149.00
② Plastering with cement mortar					
2 nd Qty = 18.880 m ²					
@ Rs 128.46/m ²					Rs 2425.00
③ Painting Two coat New concrete surface					
Qty = 55.36 m ²					
@ Rs 97.19/m ²					Rs 5380.00
1X1.50 Meter R.C. slab					
① Plastering with cement mortar					
2 nd Qty = 18.880 m ²					
@ Rs 128.46/m ²					Rs 2425.00
② Painting Two coat New concrete surface					
Qty 55.36 m ²					
@ Rs 97.19/m ²					Rs 5380.00
600 mm dia H.P. Culvert					
① Earth work foundation structure excavation					
1 st Qty = 15.660 m ³					
@ Rs 269.32/m ³					Rs 4217.00

Continuation

Total Rs 69402.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P 69402200
② Providing 1:5 P.C.C (1:2:5:5)					
19 Qty 2.050 m ³					
@ 4719 = 23/m ³					1345000
③ Plain Reinforced concrete					
20 concrete in substructure					
Qty - 13.440 m ³					
@ 5528 = 20/m ³					74299200
④ Providing 8 Layer R.C.C MP ₃ pipe					
21 Qty 7.50 meter					
@ 942 = 46/meter					7072000
⑤ Painting on Parapet wall					
22 Qty 12.480 m ²					
@ 97 = 19/m ²					1213000
Hummer pipe culvert 1000 mm					
① Earth Work in excavation					
23 Qty 29.800 m ³					
@ 269 = 32/m ³					8025000
② Providing 1:5 P.C.C (1:2:5:5) as					
24 Leveling course in road					
Qty - 4.600 m ³					
@ 4719 = 33/m ³					21709200
③ Plain Reinforced concrete					
25 Qty - 30.790 m ³					
@ 5528 = 20/m ³					170213000

Continuation

Total 365383000

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B 300716.00
⑥ Pavement coat, providing & applying Pavement coat (SS-1)					
Qty = 641.52 m ²					
@ B 45 = 13/m ²					B 207512.00
⑦ Patch work over W.B.M					
using mix seal type B					
Qty = 1125.25 m ²					
@ B 21 = 81/m ²					B 220339.00
⑧ Truck coat (Bitumen Emulsion)					
Qty = 0321.52 m ²					
@ B 15 = 34/m ²					B 127652.00
⑨ Providing & Laying Sinter Bitumen concrete with					
Qty = 179.91 m ³					
@ B 10820 = 90/m ³					B 1946017.00
⑩ Reinforced cement concrete					
1015 Kilometer stone 9202 m.4m					
(A) K.M stone Qty = 3 Nos					
@ B 2024 = 96/for MS					B 6075.00
(B) 202 meter stone					
Qty = 8 Nos					
@ B 560 = 75 per MS					B 4420.00
⑪ Direction and Place Identification					
Red Pebbles					
Qty = 1.92 m ²					
@ B 1206 = 22/m ²					B 23436.00

Continuation

B 3356466

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B P 15	5023112
(16) Road marking with hot Applied thermoplastic compound					
Qty. 372 M ²					
@ Rs 735 44/M ²					Rs 282272
(17) Providing & fixing logs of Project					
17/12 30.5% Approved					
Qty 241105					
@ Rs 9299 = 61 per m ³					Rs 3703820
					Total Rs 38337120
Less G.S.T. - 12%					(+) Rs 46004520
Labour exp. 1%					(+) Rs 38337
					Total Rs 433209400
10% Seigniorance Fee					Rs 29727000
					Total Rs 4361821000
Less Approved value					Rs 658634
20-01-21					Net Rs 370318600
J.E					Less Previous Rs 3097840
					Rs 605342000
As above					
Loyalty details					
(1) Metal = 12 x 150 = 1800000					
(2) Sand = 6 x 75 = 450000					
Total = 2250000					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No	L	B.	D	
<u>S.F. Details</u>					
① metal = 12 x 654.75					
					= 7857.00
② Sand = 6 x 161.60					
					= 971.60
Total cost of material					
					= 8828.60
S.F. @ 10% = 883.00					

Memo of Payment for Rs = 605,342.00					
5% S.D. =					30,267.00
Excess S.D. deducted in previous bill =					
21.4.5.7. =					12108.00
21.1.7. =					12108.00
Less deducted I.T. in Previous Bill.					30,978.00
1% Lab Cess =					6,054.00
Royalty =					2,250.00
S.F. =					883.00
Excess deducted S.D. in previous Bill					605,342.00
					94,648.00
Total B.T. =					1,247.00
By C.F. us. =					604,095.00
					540,561.00
Gross Total =					605,342.00
					510,694.00
					Total - 605,342.00

NO. 01
dt. 29.1.21

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Royalty</u>					
① Earth = 950×33					
					= 31,350/-
② Metal = 11580×150					
					= 17,370/-
③ Small metal = 278×150					
					= 41,700/-
④ Sand = 30×75					
					= 2250/-
Total =					92,670/-

Memo of Payment

		Rs. 30,97,844/-
		24,82,940/-
8% S.D.		24,78,230/-
2% G.I.T.	=	61,358/-
1% I.T.	=	30,978/-
1% Lab. Cells	=	30,978/-
Royalty	=	92,670/-
S.F.	=	19,204/-
Total B.T.	=	48,4,082/-
by cheque	=	26,13,762/-
Cross total	=	30,97,844/-
V.No.		date
Passed for		Rs. 30,97,844/-
(Thirty Lakh Ninety Seven thousand Eight Hundred forty four only)		

Continuation

P. Singh
14/12/20

[Signature]
Executive Engineer
R. W. D. (W) Divn. Dehri