મોહરી-REORDSt-મોહરી-મુસ્લિમ તોલા-પ્રાઇમરી સ્કુલ બાયપાસ કલ્વર્ટ

Schedule XLV-Form No. 134

MR(3054)

પ્રાદેશિક કાર્યવિભાગ કાર્યપધ્ધતિ DIVISION

કાર્યભાગ પધ્ધતિ SUB-DIVISION

શ્રી પંચોળ ગીત

MEASUREMENT BOOK

1397

Scanned with OKEN Scanner

प्रमाणित किया जाता है कि कार्य मापी
पत्रक में मद्दों का ब्यौरा हस्ताक्षरित किया
हुआ है एवं सभी मद्दें अंकित की गई
है तथा सहायक अभियन्ता
आगोर कार्य विभाग द्वारा कार्य अवर प्रमंडल
डिवदर के नाम निर्गत की

EXECUTIVE ENGINEER
R.WR. WORKS DIVISION
SHEOHAR

6/3/24

1st & Final Bill

1.

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 :- Maintenance Work at Mohari RCO Road to Mohari Muslim tola Primary MMGSY school via Kadam Chowk under MR(3054)					
Name of Agency Santosh Singh					
Agreement No. LSMBD/2023-24					
Date of Commencement :- 13.03.24					
Date of Measurement :- 02.08.24					
Item No. 01 Clearing & grubbing road land					
	2 Ha	1474m	0.5m	=	1474.00 m²
				Say	0.147 Ha
Item No. 02, Box Cutting P.C.C. Part					
	2 Ha × 6 Ha × 3m	×	0.375m	× 0.175m =	23.63 m³
	2 Ha × 1 Ha × 2m	×	0.375m	× 0.175m =	2.62 m³
					26.25 m³

Continuation

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Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
1+ → 7 No. of Cont. of earthen shoulders					
(A) P.C.C. Footing					
L.H.S.	5 No.	30 M	(0.26 + 0.40)/2	0.125 M	= 6.56 M³
	1 No.	3 M	(0.30 + 0.40)/2	0.125 M	= 0.13 M³
	8 No.	30 M	(0.40 + 0.60)/2	0.125 M	= 15.00 M³
	1 No.	16 M	(0.40 + 0.60)/2	0.125 M	= 1.00 M³
	8 No.	30 M	(0.50 + 0.70)/2	0.125 M	= 18.00 M³
	1 No.	8 M	(0.50 + 0.70)/2	0.125 M	= 0.60 M³
R.H.S.	4 No.	30 M	(0.30 + 0.40)/2	0.125 M	= 5.25 M³
	1 No.	18 M	(0.30 + 0.40)/2	0.125 M	= 0.79 M³
	9 No.	30 M	(0.40 + 0.60)/2	0.125 M	= 16.87 M³
	1 No.	8 M	(0.40 + 0.60)/2	0.125 M	= 0.50 M³
	6 No.	3.0 M	(0.30 + 0.50)/2	0.125 M	= 0.84 M³
	1 No.	11 M	(0.30 + 0.50)/2	0.125 M	= 0.55 M³

Continuation

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
(B) B.T. Position					
L.H.S.	6 No.	× 30M	× (0.70 + 1.10)/2	× 0.20	= 28.80 M³
	1 No.	× 10M	× (0.70 + 1.10)/2	× 0.20	= 1.60 M³
	4 No.	× 30M	× (0.30 + 0.40)/2	× 0.20	= 8.40 M³
	1 No.	× 5M	× (0.30 + 0.40)/2	× 0.20	= 0.35 M³
R.H.S.	7 No.	× 30M	× (0.50 + 0.70)/2	× 0.20	= 25.20 M³
	1 No.	× 12M	× (0.50 + 0.70)/2	× 0.20 M	= 1.44 M³
	5 No.	× 30M	× (0.60 + 0.80)/2	× 0.20	= 21.00 M³
	1 No.	× 10M	× (0.60 + 0.80)/2	× 0.20 M	= 1.40 M³
					162.44 M³
Item No 04					
Const. of granular sub base Gr. II					
2 No. × 3.60M × 1.40M =					10.08 M²
4 No. × 3.20M × 0.90M =					11.52 M²
2 No. × 2.10M × 0.80M =					3.36 M²
4 No. × 3.80M × 1.30M =					19.76 M²
3 No. × 7.00M × 0.70M =					14.70 M²
1 No. × 4.20M × 1.00M =					4.20 M²
2 No. × 2.40M × 1.10M =					5.28 M²

Continuation

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	4 No.	× 4.30 m	× 0.80 m	=	13.76 m²
	6 No.	× 5.10 m	× 0.80 m	=	24.48 m²
	3 No.	× 4.30 m	× 1.00 m	=	12.90 m²
	2 No.	× 2.60 m	× 0.70 m	=	3.64 m²
					123.68 m²
	123.68 m²	× 0.175 m		=	21.64 m³
2 No.	× 6 No.	× 30 m	× 0.375	× 1.00 m =	13.50 m³
2 No.	× 1 No.	× 20 m	× 0.375	× 1.00 m =	1.50 m³
2 No.	× 3 No.	× 30 m	× 0.375	× 1.00 m =	6.75 m³
2 No.	× 1 No.	× 10 m	× 0.375	× 1.00 m =	0.75 m³
					44.14 m³

Bibhuti Bhusan
02-08-2024
AE

02.08.24

02.08.24

Date 18-08-24

Item No. 01

Providing, laying & compacting WBM Grade II

2 No. × 3.70 m × 1.50 m = 11.10 m²

4 No. × 3.30 m × 1.00 m = 13.20 m²

2 No. × 2.20 m × 0.90 m = 3.96 m²

4 No. × 3.30 m × 1.40 m = 21.84 m²

3 No. × 7.10 m × 0.80 m = 17.04 m²

Continuation

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	1 No.	× 4.30 M	× 1.10 M		= 4.73 M^2
	2 No.	× 2.40 M	× 1.20 M		= 5.76 M^2
	4 No.	× 4.40 M	× 0.90 M		= 15.84 M^2
	6 No.	× 5.20 M	× 0.90 M		= 28.08 M^2
	3 No.	× 4.40 M	× 1.10 M		= 14.52 M^2
	2 No.	× 2.70 M	× 0.80 M		= 4.32 M^2
	2 No.	× 2.60 M	× 1.00 M		= 5.20 M^2
	4 No.	× 4.30 M	× 0.90 M		= 15.48 M^2
	3 No.	× 7.50 M	× 1.40 M		= 31.50 M^2
	1 No.	× 4.70 M	× 0.80 M		= 3.76 M^2
	2 No.	× 2.90 M	× 1.10 M		= 6.38 M^2
	4 No.	× 4.80 M	× 1.20 M		= 23.04 M^2
	6 No.	× 5.60 M	× 0.90 M		= 30.24 M^2
					255.99 M^2
	255.99 M^2	× 0.075 M			= 19.20 M^3

Babulal Mund
18-08-2024
AE

18.08.24

Date 01.09.24

Item No 01

Providing, laying spreading & Compacting WBM Gr III

2 No.	× 3.80 M	× 1.60 M		= 12.16 M^2
4 No.	× 3.40 M	× 1.10 M		= 14.96 M^2

Continuation

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	2 No.	× 2.20M	× 1.00M	=	4.40 M²
	4 No.	× 4.00M	× 1.20M	=	19.20 M²
	3 No.	× 7.20M	× 0.90M	=	19.44 M²
	1 No.	× 4.40M	× 1.20M	=	5.28 M²
	2 No.	× 2.40M	× 1.30M	=	6.24 M²
	4 No.	× 4.50M	× 1.00M	=	18.00 M²
	6 No.	× 5.30M	× 0.85M	=	27.03 M²
	3 No.	× 4.50M	× 1.20M	=	16.20 M²
	2 No.	× 2.80M	× 0.90M	=	5.04 M²
	2 No.	× 2.70M	× 1.10M	=	5.94 M²
	4 No.	× 4.40M	× 1.00M	=	17.60 M²
	3 No.	× 7.70M	× 0.90M	=	20.79 M²
	1 No.	× 4.80M	× 0.90M	=	4.32 M²
	2 No.	× 3.00M	× 1.20M	=	7.20 M²
	4 No.	× 4.90	× 1.30M	=	25.48 M²
	6 No.	× 5.70M	× 0.75M	=	25.65 M²
	2 No.	× 2.20M	× 1.00M	=	4.40 M²
	4 No.	× 4.00M	× 1.20M	=	19.20 M²
	3 No.	× 7.20M	× 0.90M	=	19.44 M²
	1 No.	× 4.40M	× 1.20M	=	5.28 M²
	2 No.	× 2.40M	× 1.30M	=	6.24 M²
	4 No.	× 4.50M	× 1.00M	=	18.00 M²
				=	327.49 M²
	327.49 M²	× 0.075M		=	24.56 M³
	3 No.	× 30M	× 3.75	× 0.075 =	25.31 M³
	1 No.	× 10M	× 3.75	× 0.075 =	2.81 M³
	2 No.	× 6 No.	× 30M	× 0.375 × 0.075 =	10.12 M³

Continuation

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
Widening (Carpet)	2 No. × 11 × 20m × 0.375 × 0.075				1.13 M³
					63.03 M³
Item No. 02					
Prime Coat					
Area of Pot					
	24.56 / 0.075				= 327.47 M²
	3 No. × 3m × 3.75				= 337.50 M²
	1 No. × 10m × 3.75 M²				37.50 M²
					702.47 M²
Item No. 03					
Tack Coat					
	3 No. × 30m × 3.75 M				= 337.50 M²
	1 No. × 20m × 3.75 M				= 75.00 M²
	1 No. × 30m × 3.75 M				= 112.50 M²
	1 No. × 20m × 3.75 M				= 75.00 M²
	15 No. × 30m × 3.75 M				= 1687.50 M²
					2287.50 M²
Item No. 04					
Semi Dense					
Bituminous Concrete					
Area of Tack Coat					
				× 0.025M	
	2287.50 M²			× 0.025M	
					= 57.19 M³

Bibhuti
01-09-2024
AE

09.24

01.09.24

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
	Date		28.09.24		
	Item No 01				
	Dry lean cement concrete				
	3 No × 2.10m × 1.80m × 0.075m =				0.85 m³
	4 No × 1.60m × 1.40m × 0.075m =				0.67 m³
	8 No. × 1.20m × 1.00m × 0.075m =				0.72 m³
	2 No × 1.00m × 0.90m × 0.125m =				0.22 m³
	10 No × 0.80m × 0.60m × 0.125m =				0.48 m³
			3.44		3.44 m³
	Item No. 02.				
	Panel Concrete Pavement M 30 gr				
	1 No × 10m × (4.50 + 3.60 + 3.75)/3 × 0.125m				= 5.06 m³
	1 No × 30m × (3.60 + 3.00 + 3.75)/3 × 0.125				= 12.94 m³
	1 No. × 10m × (3.60 + 3.00 + 3.75)/3 × 0.125				= 4.31 m³
	2 No. × 30m × 3.75 × 0.125m =				28.13 m³
	1 No. × 10m × 3.75 × 0.125m =				4.69 m³
	1 No. × 14m × (13.30 + 8.45 + 3.75)/3 × 0.125 m				= 15.23 m³
	~~13 No × 30m ×~~ 13 No. × 30m × 3.75m × 0.125m =				182.81 m³
	1 No × 10m × 3.75m × 0.125m =				4.69 m³
	4 Nos × 30m × 3.75m × 0.125m =				56.25 m³
	7 No. × 30m × 3.75m × 0.125m =				98.44 m³
					412.55 m³

Continuation

Scanned with OKEN Scanner

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
Item No 03					
KM stone					
i) KM stone → 2 Nos.					
ii) 200M stone - 6 Nos.					
Item No. 04					
Direction & place identification signs					
2 Nos × 1.20m × 0.80m = 1.92 M²					
Item No. 05					
Retro reflectorized traffic signs					
i) 600mm equilateral triangle - 2 Nos					
ii) 600mm circular - 2 Nos.					
iii) 600mm × 450mm rectangular - 2 Nos.					
iv) 900mm side Octagon - 2 Nos					
Item No. 06					
Planting of trees by the road side - 28 Nos					
Item No. 07					
Road marking with hot applied thermo plastic compound 2.5mm thick					
i) B.T. Portion					
2 Nos × 20M × 3.0M × 0.100M = 120.00 M²					
2 Nos × 1 No × 10M × 0.100M = 2.00 M²					
					122.00 M²

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
(ii) Pedestrian Crossing					
2 No. x 3 No. x 4 m x 0.50 m = 12.00 m^2					
(iii) C.C. Position					
2 No. x 864 m x 0.100 m^2 = 172.80 m^2					
Item No 8					
Providing & fixing Logo of Maintenance Project					
Project information boards - 2 No.					
Maintenance board - 2 No.					
					4 No.
28.09.24			Subhash Mund 28-09-2024 AE		

Material Statement

Earthwork :- 162.44 m^3

Stone Metal :- 132.37 m^3

Stone Dust :- 22.00 m^3

Stone Chips :- 453.40 m^3

Coarse Sand :- 187.00 m^3

Local Sand :- 21.10 m^3

Fillers :- 2.44 Tonne

Work Plastic :- 0.45 Tonne

Bitumen S-90 :- 6.14 Tonne

Emulsion SS-1 :- 0.597 Tonne

RS-1 :- 0.630 Tonne

Hindustan Petroleum Corp. Ltd.

Invoice No BR0130154 59

Continuation

Date 10.06.2024 Quantity - 6.80 Tonne

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
Beekay Bitumen Pvt. Ltd.					
Invoice No. BB/24-25/247					
Dt. 10.06.2024					
Emulsion RS-1 :- 0.800 Tonne					
SS-1 :- 0.600 Tonne					
28.9.24					
28.9.24					
Submitted 28-09-2024 AE					
S. Fee					
i) Earthwork					
162.44 M^3 @ ₹ 35.25/M^3 x 10%					
→ ₹ 573.00					
ii) Granular Sub base Gr II					
44.14 M^3 @ ₹ 577.08/M^3 x 10%					
→ ₹ 2547.00					
iii) WBM Gr II					
1.9.2 M^3 @ ₹ 1454.06/M^3 x 10%					
→ ₹ 2792.00					
iv) WBM Gr III					
63.83 M^3 @ ₹ 1547.40/M^3 x 10%					
→ ₹ 9883.00					

Continuation

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Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
(v) Semi Dense bituminous Concrete					
55.21 m^3 @ ₹ 886.08/m^3 × 10%					
→ ₹ 4,901.00					
(vi) DLC					
3.44 m^3 @ ₹ 3288.53/m^3 × 10%					
→ ₹ 1,131.00					
(vii) Panel Concrete Pcement					
412.55 m^3 @ 1092.71/m^3 × 10%					
→ ₹ 45,080.00					
Total: ₹ 66,917.00					
Abstract Amount 28-09-2024 AE					
28.09.24 AE					

Abstract of 1st & Final Bill

Date 28.09.24

Item No. 01/01

Clearing & grubbing road land

Vide this M.B Page 01 - Ha 0.147

0.147 Ha @ ₹ 76926.08/Ha

→ ₹ 11,308.00

Item No. 02/02

Excavation for roadway in soil using manual means 26.25

Vide this M.B Page 01 - m^3

26.25 m^3 @ ₹ 104.01/m^3

Continuation

₹ 11,308.00

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Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
					₹ 11,308.00
			→		₹ 2,730.00
Item No. 03/03					
Const. of earthen shoulders with approved material					
Vide this M.B. Page 09					162.44 m³
162.44 m³ @ ₹ 264.72/m³					
			→		₹ 43,001.00
Item No. 04/04					
Const. of granular sub base Gr VI					
Vide this M.B Page 04					44.14 m³
44.14 m³ @ ₹ 2,608.59/m³					
			→		₹ 1,15,186.00
Item No. 05/05					
Providing laying & compacting WBM Gr II					
Vide this M.B. Page 05					18.20 m³
18.20 m³ @ ₹ 5,624.74/m³					
			→		₹ 1,07,994.00
Item No. 06/06					
Providing laying & compacting WBM Gr III					63.93 m³
Vide this M.B Page 07					
63.93 m³ @ ₹ 5374.02/m³					
			→		₹ 3,43,561.00

Continuation ₹ 6,23,780.00

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Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
Item No 07/07					
Providing & applying Prime coat					
Vide this M.B Page 07					702.47 m²
702.47 m² @ Rs 57.00/m²					
→ Rs 40,041.00					
Item No 08/08					
Providing & applying tack Coat					
Vide this M.B. Page 07					
Vide this M.B. Page 07					2,287.50 m²
As per B.O.Q. 2212.50 m²					
2212.50 m² @ Rs 19.58/m²					
→ Rs 43321.00					
Item No 09/09					
Providing & laying semi dense bituminous Concrete					
Vide this M.B. Page 08					57.12 m³
As per B.O.Q. - 55.31 m³					
55.31 m³ @ Rs 14,530.32/m³					
→ Rs 804,170.00					
Item No 10/10 & 11					
Const. of dry lean Cement Concrete					
Vide this M.B. Page 08					3.44 m³

Continuation

Rs 15,11,312.00

Sch.XLV-Form No. 134 Rs 15,11,312=00

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
3.44 M^3 @ Rs 5998=61/M^3					
→ Rs 20,607=00					
Item No 11/12					
Const. of panel concrete Pavement M 35					
Vide this M.B. Page 08				412.55 M^3	
412.55 M^3 @ Rs 9839=08/M^3					
→ Rs 40,58,112=00					
Item No. 12/13					
R.C.C. M 35 km local stone of standard design					
i) km stone					
Vide this M.B Page 09				2 No.	
2 No. @ Rs 3202=K/No					
→ Rs 6404=00					
ii) 200m stone					
Vide this M.B. Page 09				6 No.	
6 No @ Rs 865=17/No					
→ Rs 5191=00					
Item No 13/14					
Providing & erecting direction & place identification sign					
Vide this M.B Page 09				1.92 M^2	
1.92 M^2 @ Rs 15183=96/M^2					
→ Rs 29153=00					

Continuation Rs 56,31,779=00

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Rs 5,31,771=00

Sch.XLV-Form No. 134

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
Item No 14/15					
Providing & fixing of metal reflectorised Cautionary & informatory sign					
i) 600mm equilateral triangle					
Vide this M.B Page 98 - 2 No.					
2 No. @ Rs 4,578=08/No.					
→ Rs 9156=00					
ii) 600mm circular					
Vide this M.B Page 98 - 2 No.					
2 No @ Rs 4,420=40/No.					
→ Rs 8,841=00					
iii) 600mm x 450mm rectangular					
Vide this M.B Page 98 - 2 No.					
2 No. @ Rs 4,275=89/No.					
→ Rs 8,551=00					
iv) 900mm side Octagon					
Vide this M.B Page 98 - 2 No.					
2 No @ Rs 8745=23/No.					
→ Rs 17,490=00					
Item No. 15/16					
Planting of trees by the road side					
Vide this M.B Page 98 - 28 No.					
28 No. @ Rs 1,305=12/No.					
→ Rs 36,543=00					

Continuation

Rs 57,12,361=71

Sch.XLV-Form No. 134 ₹ 57,12,361.00

Particulars	Details of actual measure No.	L.	B.	D.	Contents of area
Item No. 16/17					
Providing & laying of hot applied thermo plastic compound 2.5mm thick					
(i) B.T. Portion					
Vide this M.B Page 9					122.00 m²
As per B.O.Q - 118.00 m²					
118.00 m² @ ₹ 886.50/m²					
→ ₹ 1,04,607.00					
(ii) Pedestrian Crossing					
Vide this M.B Page 10 - 12.00 m²					
12.00 m² @ ₹ 886.50/m²					
→ ₹ 10,638.00					
(iii) L.C. Portion					
Vide this M.B Page 10					172.80 m²
172.80 m² @ ₹ 1,005.15/m²					
→ ₹ 1,73,828.00					
Item No. 17/18					
Providing & fixing of typical informatory sign board with Logo as per MoRD specification					
Vide this M.B Page 10 - 4 Nos					
4 Nos @ ₹ 11,858.93/No					
→ ₹ 47,436.00					
₹ 66,48,870.00					

Continuation

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			₹ 60,48,870 = 00		
Add GST 18% →			₹ 10,88,797 = 00		
Add L.C - 1% →			₹ 60,488 = 00		
Add S. Fee vide Pg - 12 →			₹ 66,917 = 00		
			₹ 72,65,073 = 00		

28.09.24

28.09.24

Bhuvaneswari
28-09-2024
AE

DAO
cdp

21/10/24