Toj to Gochchi Tola

Schedule XLV-Form No. 134

MB-No – 1109

CHAKIA **DIVISION**

KESHARIYA **SUB- DIVISION**

RWS Projects

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस मापी
पुस्तिका में सलंग्न से पृष्ठ एक (100)
तक सौ पन्ने हैं। इसे श्री इम्तियाज
अहमद सहायक अभियंता ग्रामीण कार्य
विभाग, कार्य प्रमंडल केसरिया के
नाम से निर्गत किया जाता है।

Executive Engineer
R.W.D. Works Div., Chakia
1/11/23

Reissued to JE Shri
Madan Chaudhary sub
div Kesariya.

11/11/23
AE

Sch. XLV - Form No. 134

CHAKIA DIVISION

KESHARIYA SUB-DIVISION

Measurement Book

No. 1109

Name ____________________

____

Date of first entry ____________________

Date of last entry ____________________

1st on A/C Bill

Name of Work- 1

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 measurement relating to each work.

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Name of Work - Maintenance of Road from Tol to Sarkichi Tola Tola under - MR/3054					
Agency:- R.N.S Project					
Agreement Gate No - 1 Hospital chowk Motihari.					
Agreement No - 06MB0/2023-2024					
Date of Start - 16.11.2023					
Date of comp - 15.07.2024					
Actual date of comp -					
(1) clearing & grubbing by Road Md.					
2 x 10 x 30.00 x 1.00 =					600.00M²
2 x 10 x 30.00 x 1.00 =					600.00M²
2 x 10 x 30.00 x 1.00 =					600.00M²
2 x 10 x 30.00 x 1.00 =					600.00M²
2 x 10 x 30.00 x 1.00 =					600.00M²
					3000.00M²
					0.300Hect.
(2) constn. of sub Granular sub-base by providing (GSB)					
CH - 0 to 100					
1 x 0.66 x 0.31 x 0.100 =					0.02m³
1 x 1.02 x 0.88 x 0.100 =					0.09m³

Continuation

P.11

Sch. XLV-Form No.134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Abstract of cost.					
1) clearing & grubbing by Road.					
-do- -do- all complete Job					
Qty vide T.MB P(1) = 0.300 Ha					
@ Rs 72693 = 86/Ha → Rs					21809=00
2) constn. of GSB etc.					
Qty. vide T.MB P(6) = ~~26.07~~ 24.59 m³					
@ Rs 2788 = 86/m³ → Rs					~~72622=~~ 68558=00
3) constn. of WBM Gr. II etc.					
Qty. vide T.MB P(11) = ~~33.67~~ 26.39 m³					
@ Rs 5356 = 51/m³ → Rs					~~[illegible]~~ [illegible]
4) constn. of WBM Gr. III etc.					
Qty. vide T.MB P(15) = ~~73.81~~ 55.62 m³					
@ Rs 5147 = 31/m³ → Rs					~~379923=00~~ 286293=00
5) Provn. and laying Prime coat (SS-1) etc.					
Qty. vide T.MB P(16) = ~~984.13~~ 741.60 m²					
@ Rs 59 = 27/m² → Rs					~~58336=00~~ 43955=00
6) Provn. and laying Premix seal (mix seal) etc.					
Qty. vide T.MB P(16) = ~~984.13~~ 741.60 m²					
@ Rs 295 = 16/m² → Rs					~~290477=00~~ 218897=00

Continuation

780884=00

Sch. XLV-Form No.134 22 780984=

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(7) Provn. Laying Rock bed.					
(RS-1) etc.					
Qty. vide TMBP(16) = 741.50 (957.13m²)					
Qty. vide TMBP(16) = 4923.75m²					
5665.25 (5967.80m²)					
@ Rs 20=37/m² ⟶ Rs					115403= (120344=)
(8) Provn. & Laying SDBC etc.					
Qty. vide TMBP(17) = 123.10m³					
@ Rs 15412=90/m³ ⟶ Rs					1897328=
(9) Constn. of CC pavement.					
Qty. vide TMBP(17) = 121.20m³					
@ Rs 9256=04/m³ ⟶ Rs					1121832=00
(10) Km Stone etc.					
Qty. vide TMBP(17) = 2.00Nos.					
@ Rs 3311=41/each ⟶ Rs					6623=00
(11) 200m Stone etc.					
Qty. vide TMBP(17) = 6.00Nos.					
@ Rs 908=94/each ⟶ Rs					5454=00
(12) 600mm equivalent etc.					
Qty. vide TMBP(17) = 6.00Nos.					
@ Rs 4707=77/each ⟶ Rs					28247=00

Continuation

Rs 3955771=00

Sch. XLV-Form No.134 23 b/f 3955771=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) 600mm circular etc.					
Qty. vide T.M.B P(18) = 2.00 Nos.					
@ Rs 6157=40/each → Rs					12315=00
(14) 600mm x 450mm rectang.					
Qty. vide T.M.B P(18) = 2.00 Nos.					
@ Rs 6009=01/each → Rs					12018=00
(15) Boundary pillar/Patt guide					
Qty. vide T.M.B P(18) = 23.00 Nos.					
@ Rs 690=07/each → Rs					15872=00
(16) Planting of trees by Ramesh.					
Qty. vide T.M.B P(18) = 65 Each					
@ Rs 1216=91/Each → Rs					79099=00
(17) Provn. thermoplastic etc.					
Qty. vide T.M.B P(18) = 260.00 m²					
@ Rs 886=33/m² → Rs					230461=00
(18) Provn. thermoplastic etc.					
Qty. vide T.M.B P(18) = 8.00 m²					
@ Rs 886=33/m² → Rs					7091=00
(19) Provn. laying thermoplastic.					
Qty. vide T.M.B P(18) = 40.00 m²					
@ Rs 984=75/m² → Rs					39390=00

Continuation

Rs 4352017=

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Rs. 4152017=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) Prom. informatory sign board.					
Qty. vide TMB P(18) = 3.00 Nos.					
@ Rs 14008=89/each → Rs					42027=00 ~~42026=00~~
(21) Brick work in masonry.					
Qty. vide TMB P(19) = 8.64 m³					
@ Rs 7196=74/m³ → Rs					62180=00
(22) Plastering with cement morter.					
Qty. vide TMB P(19) = 80.64 m²					
@ Rs 239=34/m² → Rs					19300=00
(23) Painting of two coats etc.					
Qty. vide TMB P(19) = 80.64 m²					
@ Rs 135=23/m² → Rs					10905=00
(24) Constn. of sub-grade & Earthern shoulder etc.					
Qty. vide TMB P(24) = 468.72 ~~540.00 m³~~					
@ Rs 264=23/m³ → Rs					123850=00 ~~142684=00~~
				Rs	4610229=00 ~~4856578=00~~
Add. 1% Labour cess. (+) Rs					46103=00 ~~48566=00~~
Add. 18% GST. (+) Rs					829850=00 ~~874184=00~~
Add. 10% S.F (+) Rs					43875=00
				Rs	~~58,23,203=00~~ 5530107=00
Less 10% as per Below (-)					~~582,320=00~~ 553011=00
				Rs	~~52,40,883=00~~

Continuation

Limited as per allot. Rs 4977096=00

Rs 3500000=00

(Signed) 20-09-24 J.E.

(Signed) 20/09/24 AE

(Signed) 20/09

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area

Material statement

① E/W = 540.0 M3 — 17820

② SIM II = 40.72 M3

③ SIM III = 114.31 M3

④ Stone chips = 311.68 M3

⑤ Coarse sand = 64.27 M3 19281

⑥ Moorum = 2.69 M3 } .904

⑦ Screening = 27.44 M3

⑧ Bricks = 2880 Nos - 130

⑨ Bitumen Vg10 = 1.870 MT

⑩ Bitumen Vg30 = 14.77 MT

⑪ Emulsion SS-I = 0.837 MT

⑫ Emulsion RS-I = 1.625 MT

Bhadhy 20-01-2024 2.2

① Bitumen purchase invoice No
BR01300567 19 dt 18-12-2023 = 16.342 MT
(Vg 30)
Bitumen consume (Vg 30) = 14.77 MT
Balance Qty = 1.572 MT

② Bitumen purchase invoice No (Vg10)
BR0130056718 dt 18-12-23 = 1.972 MT
Bitumen (Vg10) consume = 1.870 MT
Balance qty = 0.102 MT

③ Emulsion SS-I invoice No
BR0130056721 dt 18-12-2023 = 1.00 MT
SS-I consume = 0.837 MT
Bal = 0.163 MT

④ Emulsion RS-I invoice
BR01300567 ... 18-12-23 = 1.80 MT
RS-I consume = 1.625 MT
Bal = 0.175 MT

Bhadhy 20-01-24 2.6

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Material statement				
					S.F 10%
1) cement/M = 5.40 m³					~~1904~~
@	Rs 35=25/m³ → Rs				~~1933~~
2) GSB = 26.07 m³					
6.5mm to 9.5mm = 11.66 m³					
@ Rs	901=46/m³ → Rs				1052=00
9.5mm to 2.36mm = 9.33 m³					
@ Rs	429=97/m³ → Rs				358=00
2.36 mm below = ~~0.313~~ 13.32 m³					
@ Rs	144=75/m³ → Rs				193=00
3) WBM Gr II = 33.65 m³					
2.63mm to 45mm = 40.74 m³					
@ Rs	992=33/m³ → Rs				4040=00
Stone Screening = 8.974 m³					
@ Rs 429=97/m³ → Rs					356=00
Binding material = 2.692 m³					
@ Rs	161=67/m³ → Rs				97=00
4) W.B.M gr III - 73.81 m³					
53mm to 22.4mm - 89.31 m³					
	@	1100=04/m³		Rs	9824:
Screenings type 11.2mm - 17.714 m³					
	@	429=97/m³		Rs	762:

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Mix seal surface - 984.13 M²					
stone chips - 13.2 mm @ 0.09 m³ = 26.573 M³					
@ 429 = 97/M³					₹ 1143 =
⑥ SDBC - 123.10 M³					
Stone Aggregate = 176.31 M³					
@ 595 = 16/M³					₹ 10494 =
⑦ Cement concrete pavement = 121.20					
Stone Agg. = 109.08 M³					
@ 901 = 46/M³					₹ 9833 =
Sand - 54.54 M³					
@ 577 = 89/M³					₹ 3151 =
⑧ K.M. Stone - 3 Nos					
P.C.C - 0.0537 M³					
@ 1091 = 13/M³					₹ 59 =
⑨ 200 meter Stone - 6 Nos					
P.C.C = 0.287 M³					
@ 1091 = 13/M³					₹ 31 =
⑩ Boundary pillar = 23 Nos					
P.C.C M15 = 0.504 M³					
@ 1091 = 13/M³					₹ 55 =
⑪ M/R Log of acitizen board 3 Nos					
P.C.C. M15 = 3.75 M³					
@ 1091 = 13/M³					₹ 409 =
⑫ Road furniture = 10 Nos					
P.C.C. M15 = 1.26 M³					
@ 1091 = 13/M³					₹ 137 =
				₹	43,875 = 00

20-01-2024

2.6

AE

Continuation

Memo of payment Rs 3508050/-

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
S.D. — 5%			Rs 175403/-		
I. Tax — 2%			Rs 64772/-		
L. Cess — 1%			Rs 35081/-		
CGST — 1%			Rs 32386/-		
SGST — 1%			Rs 32386/-		
S. Fee			Rs 43875/-		
Royalty			Rs 46279/-		
Total Ded — Rs 430182/-					
Pay by cheque Rs - 3077868/-					
Grand total Rs 3508050/-					
Passed for Rs (3508050/-) thirty five lakh eight thousand fifty only.					

Executive Engineer
R.W.D. Works Div., Chakia

2nd ~~and final bill~~ on a/c bill.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Constn of M/Road from To/ to Gochak Tola					
Agency - RNS Project					
At - Agarwa gali no-1 Hospital Chowk Mitihari					
Agreement No - 06 MBD/2023-24					
Date of start - 16/10/2023					
Date of Completion - 15/07/2024					
Actual date of Completion - 20/01/2024					
Further work - Nil					
Hence measurement - Nil					

Abstract of cost					
① Clearing and grubbing road land					
Q-V/MB/P21 ① = 0.30 hect @ Rs 72697.86/hect Rs -					12809.0
② Prov'g Granular sub base					
Q-V/MB/21 ② - 24.59 m³ @ Rs 2788.86/m³ - Rs					68578.0
③ Prov'g laying, spreading and compacting WBM gr-2					
Q-V/MB/P21 ③ - 26.39 m³ @ Rs 5356.51/m³ - Rs					141,358.0
④ Prov'g laying, spreading and compacting WBM gr-3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q-VTMB/21④ = 55.62m²					
@ Rs. 5147=31/m² Rs.					2,86293=00
⑤ Provn Prime coat with emulsion (SS1)					
Q-VTMB/21⑤ = 741.60m²					
@ Rs. 59.27/m² – Rs.					43955=00
⑥ Provn and laying Mix seal					
Q-VTMB/21⑥ = 741.60m²					
@ Rs. 295.11/m² – Rs.					2,18851=00
⑦ Provn Tack coat with emulsion (RS1)					
Q-VTMB/22⑦ = ~~741.60m²~~ 5665.35m²					
@ Rs. 20.37/m² Rs.					1,15402=00
⑧ Provn and laying SDBC					
Q-VTMB/22⑧ = 123.10m³					
@ Rs. 15412.90/m³ – Rs.					18,97328=00
⑨ Constn of unreinforced PC Pavement					
Q-VTMB/22 ⑨ = 121.20m³					
@ Rs. 9256=04/m³ – Rs.					11,21832=00
⑩ Provn and fixing km stone					
Q-VTMB/22 ⑩ = 2 Nos					
@ Rs. 3311=41/each Rs.					6623=00
⑪ Provn and fixing 200m stone					
Q-VTMB/22 ⑪ = 6 Nos					
@ Rs. 908=94/each Rs.					5454=00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(12) 600mm circular					
Q-VIIIB/22 (12) = 6 Nos					
@ Rs. 4707.77/each Rs.					28247=00
(13) 600mm circular					
Q-VIIIB/23 (13) = 2 Nos					
@ Rs. 6157.50/each Rs.					12315=00
(14) 600mm X 450mm					
Q-VIIIB/23 (14) = 2 Nos					
@ Rs. 6009.00/each Rs.					12018=00
(15) Prove and fixing boarding Pillar					
Q-VIIIB/23 (15) = 23 Nos					
@ Rs. 690.07/each Rs.					15872=00
(16) Planting of Trees by the road-side					
Q-VIIIB/23 (16) = 65 Nos					
@ Rs. 1216.91/each Rs.					79099=00
(17) Prove and laying Road Marking (BT Portion)					
Q-VIIIB/22 (17) = 260.00 M					
@ Rs. 886.39/M Rs.					230461=00
(18) Prove Pedestrian Crossing					
Q-VIIIB/22 (18) = 8.00 M					
@ Rs. 886.39/M Rs.					7091=00
(19) Prove and laying Road marking					
Q-VIIIB/22 (19) = 40.00 M					
@ Rs. 984.75/M Rs.					39390=00

Continuation

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(20) Provn and fixing informatory sign board					
R-VTMB/24(20) =	3 Nos				
@ Rs 14008.89/each Rs					42027=00
(21) Brick Masonry in cm (1:3) in Parapet					
R-VTMB/24(21) =	8.64 M³				
@ Rs 7196.74/M³ Rs.					62180=00
(22) Plastering work cm (1:4)					
R-VTMB/24(22) =	80.64 M²				
@ Rs 239.34/M² Rs.					19300=00
(23) Painting two coat Boun-					
R-VTMB/24(23) =	80.64 M²				
@ Rs 135.23/M² Rs.					10905=00
(24) Constn of subgrade and earthen shoulder					
R-VTMB/24(24) =	468.72 M³				
@ Rs 264.23/M³ Rs.					123850=00
				Rs.	46,10,279=00
Add 1% labour cess (+)					46103=00
Add 18% GST (+)					829850=00
Add 10% Seigniorage fee (+)					43875=00
				Rs	55,30,107=00
Less 10% below ⇒				Rs	5,53,011=00
				Rs.	49,77,096=00

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.F.	Rs. 49,77,	096=00	
Less Prev. Pay(-)			Rs. 35,08,	050=00	
			Rs. 14,69,	046=00	

20-2-24

Memo 56 Payment Rs 1469046/-

S.D. - 5% - Rs 73452/-
G. tax - 2% - Rs 29381/-
L. Cess - 1% - Rs 14690/-
CGST - 1% - Rs 14690/-
SGST - 1% - Rs 14690/-

Total Ded - Rs 146903/-
Pay by cheque Rs - 1322143/-

Grand total Rs. 1469046/-

Passed for Rs (1469046/-) fourteen lakh sixty nine thousand forty six only.

Executive Engineer
R.W.D. Works Div., Chakia

28/3/24

Contd...

28/3/24