

REO Road to Tarpur Pathkeliya

Schedule XLV-Form No. 134

M.B-No-1108

CHAKIA DIVISION

KESHARIYA SUB-DIVISION

R.N.S. Projects

Measurement Book

समाहित किया जाता है कि इस मापी
पुष्टि में मशीन से दण कुल (100)
हफ्तों पने है। इसे मोठ इफ्तदार
महम्मद सहायक जमिंदार जममीन कार्य
विभाग, कार्य अवर प्रमंडल फेलोडिया के
नाम से निर्गत किया जाता है।


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

10/11/23

Sch. XLV - Form No. 134

CHAKIA

DIVISION

KESHARTYA

SUB-DIVISION

Measurement Book

No. 1108

Name _____

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				Contents of area
	No.	L.	B.	D.	
1st on A/c bill					
NIW- Maintenance of Road					
from R.E.O Road to Taiyur					
Pot Kharling under M.R. 3054					
N/A- R.N.S. project.					
Agarwala Gali- No-1					
Hospital Chow Mohhar					
Agg. No - 06 MBD/2023-24					
Date of start - 16-10-2023					
Date of comp - 15-07-2024					
Actual date of comp - 09-02-2024					
① Clearing & grubbing soil land					
etc. $2 \times 10 \times 30.0 \times 1.00 =$					600.00 m^2
$2 \times 10 \times 30.0 \times 1.00 =$					600.00 m^2
$2 \times 10 \times 30.0 \times 1.00 =$					600.00 m^2
$2 \times 4 \times 30.0 \times 1.00 =$					240.00 m^2
$2 \times 1 \times 3.00 \times 1.00 =$					6.00 m^2
					$= 2046.00 \text{ m}^2$
					$= 0.205 \text{ Hect}$
② Const. of G.S.B. grading & material etc					
etc. $1 \times 0.87 \times 0.43 \times 0.100 =$					0.04
$1 \times 1.35 \times 1.22 \times 0.100 =$					0.16

Continuation

0.20

Sch. XLV-Form No.134				23	Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Abstract of cost					
(1) clearing & grubbing by hand.					
- do - do all complete job.					
Qty. vide	Time P(1) = 0.205 hr				
② M	72637	= 86 / m ² → M			14903.20 14879.20
(2) constn. of GSB etc.					
Qty. vide	Time P(6) = 39.66				
③ M	2222.96	= 24 / m ³ → M			110015.20 108286.20
(3) provn. Laying spreading and stone aggregates. (WBM br. II)					
Qty. vide	Time P(12) = 42.45				42.45
④ M	5325.04	= 42 / m ³ → M			250012.00 265087.20
(4) provn. Laying spreading and stone aggrs. (WBM br. III)					
Qty. vide	Time P(18) = 75.13				
⑤ M	5119.297	= 97 / m ³ → M			363057.00
(5) provn. and applying primer coat with emulsion (SS-1) etc.					
Qty. vide	Time P(19) = 94.13				
⑥ M	59.26	= 26 / m ² → M			56028.20
(6) provn. Laying and rolling closed graded Primix surface. (mix S ₂₀)					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide T.M.B P(15) = 1981.73			945.63		
② M 287 = 62/m ² → 15					278553
7) Prov. Band applying Tack coat					
			(A-1) etc.		
Qty. vide T.M.B P(19) = 945.63			945.63		
Qty. vide T.M.B P(20) = 3820.77			3820.77		
② M 20 = 37/m ² → 15					98073
8) Prov. Laying S.B.C etc.					
Qty. vide T.M.B P(20) = 96.78			96.78		
③ M 153 = 53/m ² → 15					449023
9) Prov. Reinforced cement					
			KM stone etc.		
Qty. vide T.M.B P(20) = 2.00 Nos.			2.00		
④ M 3304 = 98/each → 15					6610.00
10) 200 mm stone etc.					
Qty. vide T.M.B P(20) = 1.00 Nos.			1.00		
⑤ M 907 = 78/each → 15					3631.00
11) 600 mm equilateral etc.					
Qty. vide T.M.B P(20) = 1.00 Nos.			1.00		
⑥ M 4707 = 77/each → 15					18819.00
12) 600 mm circular etc.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. wide TMB P(20) = 21.00 Nos.					
② RS 154 = 40 / each → RS					12309.00
(13) 600mm x 450mm Rectangular					
Qty. wide TMB P(20) = 2.00 Nos.					
③ RS 6006 = 010 / each → RS					12012.00
(14) Boundary pillar/post etc.					
Qty. wide TMB P(20) = 15.00 Nos.					
④ RS 689 = 55 / each → RS					10343.00
(15) Planting trees by Road side					
Qty. wide TMB P(20) = 51.00 Nos.					
⑤ RS 1216 = 91 / each → RS					62062.00
(16) Prov. Laying hot applied thermoplastic compound etc.					
(A T Edge BT Position)					
Qty. wide TMB P(20) = 204.60 m ²					
⑥ RS 885 = 39 / m ² → RS					18135.00
(17) Prov. and Laying hot applied thermoplastic compound 2.5mm.					
(Pedestrian crossing 2cm) etc.					
Qty. wide TMB P(20) = 4.00 Nos.					
⑦ RS 886 = 89 m ² → RS					3546.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					3814482 ⁰⁰
					B.R. 38,86,727 ²⁰
LESS 10% discount					3814482 ⁰⁰
per A.S.					3,80,673 ⁰⁰
					B 24,26,054 ⁰⁰
					(3423034 ⁰⁰)
limited as per D.M.					2411850 ⁰⁰
Shedday 2029					
29-02-2029					
2.5					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					5.8.10%
① Soil =	32	8.28	m ²		
② H	35	= 25	/m ²		1157 = 00
					1157 = 00
② GSB =	39	72	m ²		
2.5 mm to 4.75 mm =			0.448	m ³	
17.795 m ³ ② H	91	= 46			1604 = 00
4.75 mm to 2.36 mm =			12.76	m ³	
② H	429	= 97	/m ²		546 = 00
2.36 mm Below =			20.337	m ³	
② H	199	= 75	/m ²		294 = 00
③ WBM Gr. II =			46.95	m ³	
2.36 mm to 4.75 mm =			56.86	m ³	
② H	992	= 33	/m ²		5637 = 00
Stone screening 4.75 to 8.12 mm =			12.521	m ³	
② H	429	= 97	/m ²		538 = 00
Binding Material =			3.756	m ³	
② H	161	= 62	/m ²		61 = 00
④ WBM Gr. III =			7.091	m ³	
3.53 mm to 2.36 mm =			85.814	m ³	
② H	1100	= 09	/m ²		94.38 = 00
11.2 mm for Gr. III =			17.018	m ³	
② H	429	= 97	/m ²		732 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Mix seal surface = 945.47 m ²					
132mm + 0.09mm app. = 25.528 m ³ CB 429 = 97/m ³ @ 1098 = -					
⑥ Semi dense Bit concrete = 96.87 m ³					
Crust stone app. = 138.748 m ³ C 595216/m ³ B 8258					
⑦ K.M stone 2 Nos - 0.539 m ³ P.C.C. = - CB 595216/m ³ B 59 = - 1091 = 13					
⑧ 200 Mtr - 0.192 m ³ P.C.C. = - CB 595216/m ³ B 21 = - 1091 = 13					
⑨ boundary pillar 15 Nos - 0.329 m ³ P.C.C. = - CB 1091 = 13/m ³ B 36 = -					
⑩ P1/A N90 board - 3 Nos P.C.C. 7.5 - 3.75 m ³ CB 1091 = 13/m ³ B 409 = - B 29888 = -					
⑪ Boundary 09-02-2024 2.5'					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material Statement					
① E/M =	328.28	M ³			
② Stone metal II =	59.23	M ³			
③ Stone metal III =	123.93	M ³			
④ Stone chips =	164.05	M ³			
⑤ coarse sand =	13.02	M ³			
⑥ Mortar =	3.92	M ³			
⑦ Screeding =	31.21	M ³			
⑧ Bricks =	2880	Nos			
⑨ Bitumen VG10 =	1.796	MT			
⑩ Bitumen VG30 =	11.624	MT			
⑪ Emulsion SS-I =	0.803	MT			
⑫ Emulsion RS-I =	1.328	MT			
<u>Balance 2024</u>					
09.02		2.6			
<u>He</u>					
7/12/24					
4					
① Bitumen VG30 purchase					
Invoice No - 202415218029633					
dt 13-01-2024 = 29.322					
consume qty = 11.624					
Balance qty = 17.698					
② Bitumen VG10 purchase					
Invoice No - BA 0120056702					
dt 16-12-2023 = 1.942					
consume qty = 1.796					
Balance qty = 0.146					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Emulsion SS-I Invoice No					
BR0130056705 dt 16-12-2023					
					= 1.00MT
SS-I consumed					= 0.803MT
					= 0.197MT
(4) Emulsion RS-I Invoice No					
BR0130056704 dt 16-12-2023					
					= 1.600MT
RS-I consumed					= 1.328MT
Balance qty					= 0.272MT
<i>Shardha</i> 01-02-2024 2.E					

Memo of Payment Rs 2411850/-
 S.D. - 5% - Rs 120592/-
 S. tax - 2% - Rs 48237/-
 L. tax - 1% - Rs 24119/-
 C.I.T - 1% - Rs 22682/-
 S.W.T - 1% - Rs 22682/-
 S. fee - Rs 29888/-
 Royalty - Rs 25409/-
 Total Debt Rs 289082/-
 Pay by effms Rs 2122768/-
 Grand total Rs 2411850/-

Amount for Rs (2411850/-) twenty
 four lakh eleven thousand eight
 hundred fifty only.

Continuation
 Executive Engineer
 R.W.D. Works Div., Chakia
 17/02/24
Rupam
 17/02/24

0.7 11/10 2024
2nd & Final bid

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Constn of road from REC road to Tijpur Pakhal, 40 under M.R. 3054					
Agency - R.H.S. Project					
Agreement No - 06 HAD/2023-24					
Date of start - 16/10/2023					
Date of Completion - 15/02/2024					
Actual date of Completion - 09/02/2024					
Further work - Nil					
Hence measurement - Nil					
Quantity - 20-2-24 2-5 Abstract against					

- ① Clearing and grubbing
road land
Q-VTMB/23① = 0.205 hect
e.h. 72097.86/100 - R. 14903=0 ✓
- ② Prov. granular sub base
Q-VTMB/23② = 39.66 m³
e.h. 27773=96/11 R. 110015=0 ✓
- ③ Prov. laying, spreading
and compacting WBM gr 2
Q-VTMB/23③ = 4845 m²
e.h. 5325=07/11 R. 250012=0 ✓
- ④ Prov. laying WBM grade 3
Q-VTMB/23④ = 7091 m²
e.h. 5119.97/11 R. 363057=0 ✓

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ brown prime coat with emulsion (551)					
Q-VTNB/23(B) = 945.467 m ²					
c h = 59.26 m ³ - R = 560.28 m ³					
⑥ brown laying and rolling mix sand					
Q-VTNB/23(B) = 945.467 m ²					
c h = 294.62 m ³ - R = 2785.53 m ³					
⑦ brown tack coat with emulsion (Ks1)					
Q-VTNB/24(B) = 4814.587 m ²					
c h = 20.37 m ³ - R = 980.73 m ³					
⑧ brown and laying sand					
Q-VTNB/24(B) = 96.73 m ²					
c h = 15383.85 m ³ - R = 14880.80 m ³					
⑨ brown and fixing km stone					
Q-VTNB/24(B) = 2.14 m ²					
c h = 3304.98 m ³ - R = 6610 m ³					
⑩ brown and fixing 20mm stone					
Q-VTNB/24(B) = 4.14 m ²					
c h = 907.78 m ³ - R = 3631 m ³					
⑪ 600mm regulated					
Q-VTNB/24(B) = 4.14 m ²					
c h = 4707.77 m ³ - R = 18819 m ³					
⑫ 600mm circular					
Q-VTNB/24(B) = 2.14 m ²					
c h = 6154.40 m ³ - R = 12309 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) 600mm x 450mm B-VTB/25(13) = 2.14m e h - 600 H. 01/each h					12012=0
(14) Paving and fixing boundary Pillar B-VTB/25(14) = 15.14m e h - 68955/each h					1034320
(15) Planting of trees by the road side B-VTB/25(15) = 51.14m e h - 121691/each h					6206230
(16) Paving and laying Road masonry (B.T. portion) B-VTB/25(16) = 204.60m e h - 886.39/m					18135570
(17) Paving Pedestrian crossing B-VTB/25(17) = 4.14m e h - 886.39/m					354600
(18) Paving and fixing information sign board B-VTB/26(18) = 3.14m e h - 1400288/each h					4200970
(19) Brick masonry work in (19) B-VTB/26(19) = 5.76m e h - 719256/m					414290
(20) Plastering with (19) on brick work					

Memo of Payment Rs 102118420

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

S.D. - 5% - Rs 5105920

G. tax - 2% - Rs 2049420

L. cess - 1% - Rs 1021220

Crst - 1% - Rs 1021220

Sbst - 1% - Rs 1021220

Total due Rs 10211920

Pay by CPWD Rs 91906520

Grand total Rs 102118420

Payable for Rs (102118420) ten lakhs,

twenty one thousand one hundred,

eighty four only.

16/12/24

Executive Engineer
R&D Works Div. Ghazi