

Dham eswar Nath

Schedule XLV-Form No. 134

E. E. R. W. D. W. D. K. S.
Mattanchak Main Road Samatanchak DIVISION Patna

22 MDD 2023-24

Samatanchak

Mahadali Tola

SUB-DIVISION

Measurement Book

7617

Certified that this M.B contains
100 (one hundred) nos of machine

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.	
N/A -	Construction of a Road from Mittanach. Bansen Road to Mittanach Mahadali to do under Sampatchak Block.				
Agency :-	M/s Dhameshwar Nath Construction.				
Agg No :-	27 HBD/2023-24				
Date of start :-	11/7/2023				
Date of Comp :-	14/4/24				

Date of Measurement :-

Record Entry

① Clearing & Grubbing Road Land

- do - do - E/I

2 x 10 x 30 x 2.00	1200M ²
2 x 20 x 30 x 2.00	- 2400M ²
2 x 5 x 30.0 x 2.00	600M ²
2 x 4.0 x 25.0 x 2.0	- 400M ²
	Total 4600M ²
	Say 4600 x $\frac{1}{10,000}$ = 0.46 Ha.
	4.6 Ha.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 x 4.95 x 1.85 x 0.1				—	3.663 m ³
5 x 5.20 x 2.75 x 0.1				—	7.15 m ³
3 x 9.6 x 2.35 x 0.1				—	6.762 m ³
2 x 11 x 2.45 x 0.1				—	5.39 m ³
3 x 7.9 x 2.1 x 0.1				—	4.977 m ³
5 x 8.9 x 2.45 x 0.1				—	10.90 m ³
3 x 13 x 2.6 x 0.1				—	10.14 m ³
4 x 7.9 x 3.0 x 0.1				—	9.48 m ³
3 x 11.7 x 1.9 x 0.1				—	6.669 m ³
3 x 7.3 x 2.2 x 0.1				—	4.818 m ³
5 x 8.0 x 1.85 x 0.1				—	7.40 m ³
5 x 8.8 x 2.40 x 0.1				—	10.56 m ³
2 x 8.3 x 2.65 x 0.1				—	4.399 m ³

Gsb in Box cutting portion					
2 x 10 x 30 x 0.375 x 0.1				—	22.5 m ³
2 x 10 x 0.375 x 0.1				—	0.75 m ³
					198.627 m ³

Record Entry	5/9/23	Limit	198.38 m ³
		Subj 8	
		05/09/23	

④ Providing & Laying Spreading					
and Compacting Stone Aggregate					
WBM Grading-III -do-do-E/I					
BT portion					
1 x 30 x $\frac{3+3.75}{2}$ x 0.075				=	11.306 m ³
20 x 30 x 3.75 x 0.075				=	168.75 m ³
1 x 30 x $\frac{4.2+3.75}{2}$ x 0.075				=	8.944 m ³
3 x 30 x 3.75 x 0.075				=	25.312 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ providing and applying Tack coat with Bitumen Emulsion					
(RS-1) - do - do - E/I					
Same as qty (MSS) -					3240.75M
Limit -					3213M
⑪ providing and laying semi-dense concrete with 100-120 TPH Batch type Hmp - do - do - E/I					
$1 \times 30 \times \frac{6.30 + 3.75}{2} \times 0.025 =$					3.769M ³
$20 \times 30 \times 3.75 \times 0.025 =$					56.25M ³
$1 \times 30 \times \frac{4.2 + 3.75}{2} \times 0.025 =$					2.981M ³
$3 \times 30 \times 3.75 \times 0.025 =$					8.437M ³
$1 \times 30 \times \frac{5 + 3.75}{2} \times 0.025 =$					3.281M ³
$1 \times 30 \times \frac{3.75 + 5}{2} \times 0.025 =$					3.281M ³
$1 \times 30 \times \frac{3.75 + 4.3}{2} \times 0.025 =$					3.018M ³
					81.017M ³
Limit					20.33M ³
Done by 12/11/23					
Supervising 06/12/23					
AE.					
⑫ Construction of subgrade for then shoulder with Approved Material					
- do - do - E/I					
PCC portion					
$2 \times 10 \times 30 \times 0.75 (4.5) \times 0.300 =$					135M ³
$2 \times 10 \times 0.750 \times 0.300 =$					4.5M ³

Continuation

Certified that this MB contains

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Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
		Adjust of cost				
① Clearing & Grubbing Road						
Land - do - do - 6/1						
0.4649 45 m ² (P at 1)						
C 372497 = 2449					B 33441 = 00	
② Surfacing the existing bituminous Road - do - do						
472.17 m ² 45 m ² (P at 2)						
C 20239/m ² - B 9627 = 00						
③ E/W excavation for str - do - do - 2/1						

40.69 m ² 45 m ² (P at 3)					
C 102 = 99/m ² - B 4191 = 00					
④ construction of G.S's					
do - do - 8/1					
198.38 m ² 45 m ² (P at 4)					
17.82 m ² 11 (P at 7)					
216.2 m ² C 3273 = 13/m ² - B 70765 = 20					
⑤ construction of WBM-III					
do - do - 5/1					
260.49 m ² 45 m ² (P at 5)					
20.955 m ² 11 (P at 8)					
281.445 m ² C 5728 = 82 - B 144348 = 20					
					B 2198391 = 00

Continuation

Certified that this MB contains

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

B.F. = 279037/200

⑥ construction of dry lean
cement concrete - do - do

325 m³ V.M.B. (P at 6)

e.Rs 4450 = 60/m³ — B 14486920

⑦ construction of Pannel
cement M-30 - do - do - 8

118.58 m³ V.M.B. (P at 7)

7.68 4 (P at 14)

126.26 m³ e.Rs 8896 = 35/m³ — B 112350300

⑧ Providing & applying

primer coats (SS-1) - do - do - 1

3213 m² V.M.B. (P at 6)

279.5 m² 11 (P at 9)

3492.5 m² e.Rs 60 = 15/m² — Rs 21007400

⑨ Providing & applied track

coats (P-1) - do - do - 8/1

6426 m² V.M.B. (P at 9)

279.5 m² 11 (P at 10)

279.5 m² 11 (P at 12)

6985 m² e.Rs 20 = 48/m² — B 14305300

⑩ Providing Laying and Rolling

Primer mss - do - do - 1

3213.0 m² V.M.B. (P at 10)

279.5 m²

3492.5 m² e.Rs 264 = 79 — B 924779200

Continuation

Co. E 4744 669/20

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
⑪ Providing & laying dense concrete				
80.33 m ³ 47 m ³ (P at 11)				
6.985 m ³ 11 (P at 13)				
87.315 m ³ 13520.91				1180578200 61086135200
⑫ Construction of Subgrade				
& earth shoulder do do				
- 841				
706.50 m ³ 47 m ³ (P at 12)				
@ B 259238/m ³ — B 183252200				

⑬ E/W excavation for str				
- do - do - 611				
29.8 m ³ 47 m ³ (P at 1)				
@ B 383228/m ³ — B 11422200				

⑭ Providing & laying P.C.C.				
m.s in foundation do do				
296 m ³ 47 m ³ (P at 2)				
@ B 6953267/m ³ — B 20583200				

⑮ Providing & laying P.C.C.				
in sub-str do do - 611				
27.650 m ³ 47 m ³ (P at 3)				
@ B 7786226/m ³ — B 215290200				

Continuation

C.O.R. 63557942

Continued that this M.B. contains

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(16) Providing & laying L.P.					
1000 sqm - do - do - 5/11					
7.5 mtr 4 rmb (P at 4)					
C.R. 7054=90				B 5291200	
(17) Painting two coats on					
new cement - do - do - 5/11					
13.260 m ² 4 rmb (P at 5)					
C.R. 127=28				B 1688200	
(18) Dismantling of existing					
structures - do - do - 5/11					
(19) Cement concrete					
0.81 m ³ 4 rmb (P at 6a)					
C.R. 563=17 m ³				B 456=0	
(20) Cement mortar					
23.27 m ³ 4 rmb (P at 6b)					
C.R. 314=04 m ³				B 7308=00	
(21) 600 mm dia. H.R. pipe					
10 mtr 4 rmb (P at 6c)					
C.R. 248=24				B 2487=00	
				COR 6420645	

Continuation

Conditioned that this M.B. contains

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P.R. 649849

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Providing & Fixing V. Sample stone - do - do - 6/1					
(18) 600mm equilateral triangle 6 NO V. Sample (P at 169)					
CB 3990-31					B 22942=00
(19) 600mm circular 6 NO V. Sample (P at 166)					
CB 5417-89/110					B 325072=00
(20) (600x450)mm rectangular 2 NO V. Sample (P at 160)					
CB 5271-276					B 105742=00

(21) Providing & Fixing Rec M-15 grade boundary Pillar - do - do - 6/1					
16 NO V. Sample (P at 17)					
CB 659-87/110					B 105582=00
(22) Putting new letters and figures of any shed - do					
352 V. Sample (P at 18)					
CB 0-72					B 253=00
(23) Planting of tree's by the Road side - do - do - 6/1					

Continuation

C.R. 649849

Continued that this n.o -

Continued that this m.n. -

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Particulars	Details of actual measurement					Contents of area
	No.	L.	B.	D.		
42 NO. 47 mm (P of 12)					6775117	
EB 1259-22/NO -					52888	

(23) Providing and laying
of hot applied thermoplastic
compound 2.5 mm thick
do do - 6/1

(2) S.F. Portion
 168 m^2 47 mm (P of 12 at 209)
EB 822-97/m² - B13825920

(3) C.C. Portion
 62 m^2 47 mm (P of 20 b)
EB 855-47/m² - 5304020

(24) Providing & laying logs of MM40					
5790 board - do - do - 6/1					
340 47 mm (P of 24)					
EB 10782-14/NO -					3234620
					677498200
2d 9/18. G.S. 1 -					1219497200
Ad 9/19. L.S -					67750 = 00
					85400 = A
Ad 9 S.F -					66429 = 00
					8147629 = A
					814865820
					814763 = A
Cross for below					814860201
					7332866 = A
					7333792 = 00
Cross previous dia					6145145 = 00
					1188647 = 00
					1187724 = 00

Done by
15/3/24
SC

Continuation

Supd
15.03.24