

MMBARD / 18 SBD 2021-22

Dharanibani to Khatighat via Dhurmad
Angada chauray 8.00 km (Eng const. work)

Total const. cost → 38225800 7.10 - 102698

Measurement Book

Schedule XLV-Form No. 134

Rate - 0.05%
below

Est on A/C Bill → Rs. 16121679 vide P.N. - 13

Ind on A/C Bill → Rs. 5974997 vide P.N. - 32

Bays 1

Ind on A/C Bill → Rs. 34,41996 vide P.N. - 50

DIVISION

Bays 2

SUB-DIVISION

1445

Agency →

Prabhaakar Const. Company.

This is to certify that this MB contains 100 computerized printed pages that has been issued to Asst. Eng RWD (W) Subdorman Bais.

04/08/11

202.07.21
Executive Engineer
Rural Works Department
Works Division Bais

Sch, XLV-Form No. 134

Baysi

DIVISION

Baysa

SUB-DIVISION

Measurement Book

No. 1445

Name of Officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost Est and Final Bill</u>					
① 41 clearing and grubbing of Road land. 0.20 Ha vide TMAP — 97/5 Chs. 59920 = 33 1/2 per Ha. Rs. 2059400					
② 49 P.V and Fixing of Informatory sign. board. L.O.H. vide TMAP — 80/1 Chs. 8824239 = 2 per Nos. Rs. 17645200					
③ 37 Const. of embank- ment with material obtained from borrow pit. 840.0m vide TMAP — 80/2 Chs. 190 = 26 1/2 per m ³ Rs. 15990200					
④ 39 P.V and laying reinforced cement Concrete pipe 30.0m vide TMAP — 80/3 Chs. 2667 = 10 1/2 per m. Rs. 110013200 Rs. 298154200					

[illegible]

RECORD OF CHECK MEASUREMENTS BY SUPERIOR OFFICERS						
Date of Check	Page recording Measurement Subject to test check	Value of Measurements checked	Number of the check measurement	Number of bill recorded in the measurement book during the year	Result of check exercised	Date initials and designation of the checking officer
1	2	3	4	5	6	7

N.B. - This result will be indicated by the work "Satisfactory" or "Unsatisfactory" Jugged at the time name if in each case.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) 55 pier.					R. 55471620
37.50 m ³ wide M.B.N. (1445) Page 8/5 (ii)					@ Rs. 1818 = 10/ per m ³
					R. 45716200
(i) 58 Abutment.					
40.63 m ³ wide M.B.N. (1445) Page 8/6 (i)					@ Rs. 246 = 63/ per m ³
					R. 5088200
(ii) 59 Wing Wall.					
15.0 m ³ wide M.B.N. (1445) Page 8/6 (ii)					@ Rs. 246 = 63/ per m ³
					R. 3699200
(8) 2 Earth work excavation for structure & - & .					
all Comp. job.					
663.12 m ³ wide M.B.N. (1445) Page 8/7					@ Rs. 205 = 42/ per m ³
					R. 408533200
					R. 811768200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs. 81,764.20
⑧ P/W and Constructing temporary earth island do-do-all Comp. job.					
Q.O.N. vide T.M.B.N. (1445) Page 82/8					
CRs. 56141 = 80 1/2 per M ² .					
					Rs. 118,892.00
⑨ P/W and Constructing temporary service road do-do-all Comp.					
49.50 m ² vide T.M.B.N. (1445) Page 82/9					
CRs. 2670 = 87 1/2 per m ²					
					Rs. 1,81,708.20
⑪ Reinforcement in foundation.					
88.77 M ² vide T.M.B.N. (1445) Page 82/10					
CRs. 54820 = 31 1/2 per M ² .					
					Rs. 48,14,045.20
⑫ P/W Steel liner 10mm thick for curb do-do-all Comp. job.					
7.81 tone vide T.M.B.N. (1445) Page 83/11					
CRs. 67381 = 58 per M ² Rs. 5,46,450.20					

Continuation

Rs. 6,46,089.20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R. Rs 6446,029.00
⑬ 309 m of Cast in 5 Stay M-35 grade R.C.C pile for all Comp. job.					
584.0 m wide M.M. (1445) Page 83/12					
@ Rs. 16200 = 276 per m.					
					R. 9461016.00
⑭ 11V and laying of 3 P.C.C M15 leveling course					
25.00 m ³ wide T.M.B.N. (1445) Page 83/13					
@ Rs. 6963 = 50/2 per m ³					
					R. 243923.00
⑮ 14788 bar reinforcement 16 ment in sub-structure					
20.40 m ² wide M.M. (1445) Page 83/14					
@ Rs. 54290 = 87/6 per m ²					
					R. 1653458.00
⑯ Initial load test 10 on pile test for for all Comp. job.					
1.0 m ² wide M.M. (1445) Page 89/15					
@ Rs. 150,000 = 276 per m ²					
					R. 150000.00
Continuation					
					R. 17,25,44,26.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					R.F. Rs. 17954436200
(17) 11					for time pile load. test on pile do. do. all Comp. job.
					1.0 N. vide M.D.N. (1445) Page 84/16 Chs 145000 = 00/2 per No.
					Rs. 145000200
(18) 12					Horizontal pile load test do. do. all Comp. job.
					1.0 N. vide T.M.B.A. (1445) Page 84/17 Chs. 100000 = 00/2 per No.
					Rs 100000200
(18) 14					R.C.C.M-30 grade in pile cap do. do. all Comp. job.
					385.55 m ³ vide M.D.N. (1445) Page 84/18 Chs 7725 = 62/2 per m ³
					Rs 498246800
(20) 19					R.C.C. Grade M-20 in substructure do. do. all Comp. job.
					192.28 m ³ vide M.D.N. (1445) Page 85/19 Chs. 8011 = 64/2 per m ³
					Rs 1540478200
Continuation					
					Rs. 2170228200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. Rs	2870	1281200
② 15			2.2 c. Grade M-25		
			in substructure		
			do - do - all comp job		
			14.18 m ² vide T.M.B.N. (1445) Page 85/20		
			@ Rs. 8194 = 23% per m ²		
				Rs 117014200	
② 17			Supplying, fitting and fixing in position		
			tree to line and level post T.A.D bearing		
			18.0 N. vide T.M.B.N. (1445) Page 85/21		
			@ Rs. 44279 = 24% per Nos.		
				Rs 797018200	
② 18			Supplying fitting and fixing in position tree to line and level		
			electrometric bearing		
			197912.50 c.c. vide T.M.B.N. (1445) Page 85/21		
			@ Rs. 0.78% per c.c.		
				Rs 153816200	
				Rs 4377015020	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.E. Rs. 23759 656200
(24) Supplying, fixing, and placing HYSB reinforcement in superstructure					Rs. 23770 450200
20.83 M ² wide TMB N (144) I page 86/23					
Chs. 55643 = 99/2 per M ²					
					Rs. 1714 888200
(25) R.C.C. Grade M-30 in superstructure					
do - do - all Comp. jobs					
203.69 m ³ wide MMB N (144) I page 86/24					
Chs. 8877 = 69/2 per m ³					
					Rs. 1861 563200
(26) Drainage Spouts					
do - do - all Comp.					
240 M. wide MMB N (144) I page 86/25					
Chs. 660 = 36/2 per Nos.					
					Rs. 15849200
(27) Strip Seal Expansion					
Joint do - do - all Comp.					
Job.					
23.80 m wide MMB N (144) I page 86/26					
Chs. 10380 = 91/2 per m					
					Rs. 250875200

Continuation

Rs. 2770 831200
 2771 3415200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs. 87712425200
31 P/V and fitting down thick Comp. & visible fibre board.					
33. 80m wide MGN. (1445) Page 87/27					
Chs. 306 = 87/2 per m.					
					Rs. 10374200
32 P/V and fitting of position down. thick pre-moulded joint former in expansion joint.					
33. 80m wide MGN. (1445) Page 87/28					
Chs. 355 = 16/0 per m.					
					Rs. 12004200
35 f.c.c.M. 20 grade including reinforcement in wearing course					
49.14 m wide MGN (1445) Page 87/29					
Chs. 29153 = 50/0 per m					
					Rs. 912422200
					Rs. 20148424200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.	Rs. 28148	234200
31 21					
P/V and laying filter material.					
With Crumpled crushed aggregates.					
8.65 m ³ vide M/M (1443) Page 88/30					
C.R. 3919 = 99 1/2 per m ³					
Rs. 393,983200					
32 20					
Backfilling behind abutment and wall.					
do. do. - all Comp. job.					
165.41 m ³ vide M/M (1443) Page 88/31					
C.R. 804 = 99 1/2 per m ³					
Rs. 133153200					
33 28					
P.C.C. M/L 15 and ordinary					
grade levelling course below approach slab.					
8.87 m ³ vide M/M (1443) Page 88/32					
C.R. 6419 = 87 1/2 per m ³					
Rs. 56344200					
Rs. 86,64314200					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.Rs. 28664314200
34/29 R.C.C. 19.30 grade approach slab including reinforcement do-do - all Comp. job.					
do 53 m ³ vide MBN (1445) Page 88/23					
Chs. 11576 = 3 1/2 per m ³					
					Rs. 237664200
35/26 Const. of R.C.C. Reelling of 19.25					
grade do - do - all.					
Comp. job. (1445)					
117.78 m ³ vide MBN - 88/34					
Chs. 3185 = 6 3/4 per m.					
					Rs. 275204200
36/19 P/W Weepholes in abutment and S/wall.					
do - do - all Comp. job.					
40.0 m ³ vide MBN. (1445) Page 89/35					
Chs. 124 = 95/0 per No.					
					Rs. 4918200
					Rs. 29880098200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
37 44 Const. of embankment with material lead up to 1000m. 67.5 m ³ vide MBM (1445) Page 89/36 @ Rs. 130236/2 per m ³ Rs. 1200171200					
38 43 Const. of Subgrade and earthen shoulders with approved material lead up to 1000m. 623.25 m ³ vide MBM (1445) Page 89/37 @ Rs. 191204/2 per m ³ Rs. 120841200					
39 44 Const. of Granular sub-base by providing well graded material 165.24 m ³ vide MBM (1445) Page 90/38 @ Rs. 2586270/2 per m ³ Rs. 592666200					
40 45 P.V. laying spreading and compacting of NBM Grd. - III material 57.28 m ³ vide MBM (1445) Page 90/39 @ Rs. 4321229/2 per m ³ Rs. 247956200 Rs. 21521732200					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B. F. Rs. 317,48 & 59200
(44) 25					Plv and laying filter material do-do-all Comp. job 40.48 m ³ vide DN (1445) Page 91/43 58.32 m ³ vide DN (1445) Page 96/1 98.60 m ³ 92.18 m ³ Limit as per agg. @ Rs. 4259 = 13 1/2 per m ³ Rs. 394607-00
(45) 24					Plv and laying boulder pitching on slopes do-do-all Comp. job. 146.64 m ³ vide DN (1445) Page 91/74 175.04 m ³ vide DN (1445) Page 97/2 201.68 m ³ 201.64 m ³ Limit as per agg. @ Rs. 2833 = 45 1/2 per m ³ Rs. 1156464-00 Rs. 33277128200

Continuation

Continuation

08/12/2022
J. E.

Continuation