

This is to certify that this MB
contains 100 computerized printed
pages that have been worked to
Asst. Engineer RWD (W) Subdivision
Baisi for the work cont. of
road from Goliyatola (Ashod
+ lane) to Aurang Block -
Baisi.

 18/01/22

EXECUTIVE ENGINEER
RWD WORKS DIVISION BAISI



Sch, XLV-Form No. 134

Baisi DIVISION

Baisa. SUB-DIVISION

Measurement Book

No. 1536

Name of Officer _____

Date of first entry _____

Date of last entry _____

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.
1st LA/C Bldg				
Name of Work - Golia Tola				
(AVS Road House) to Area				
Under mngst (S. C.)				
Name of Agency - Albiya				
Owner, A. - Chaurapur,				
P.O. - Chaurapur Bhabhate,				
P.S. - Chaurapur, Dist. -				
Madhobnagar (Bihar)				
Agreement No. - 66880/100-11				
Agreement Value -				
Const. Cost. Rs. 44,990.65 = 80				
Maint. Cost. Rs. 385.57 = 80				
Total Cost. Rs. 4884.38 = 200				
Date of Agreement - 22.09.2010				
Date of Completion - 21.06.2011				
Record measurement				
① clearing and grubbing				
of Road land.				
134.30.04	3.50	71365.00m ²		
1714.04	3.50	49.00m ²		
		414.00m ²		

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
<u>Const. of single for 100 compound H.P.</u>				
<u>(6) Earth work excavation.</u>				
By foundation.				
Head wall.				
At $6.450 \times 1.40 \times 1.50$				247.09 m^3
Below pipe				
At $4.850 \times 1.530 \times 0.865$				2708 m^3
				29778 m^3
<u>(7) P.V. P.C.C. 15 cm</u>				
By foundation.				
Head wall				
At $6.450 \times 1.40 \times 0.150$				2.709 m^3
Below pipe				
At $4.931 \times 1.530 \times 0.150$				21.886 m^3
				4.595 m^3
<u>(8) P.V. P.C.C. 15 cm</u>				
Substructure				
Head wall.				
At $6.150 \times 1.40 \times 0.815$				1.250
				$= 18.47 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ P.V and laying R.C.C pipe 17.23 Culvert 37 x 2.50 x 2.50 m.					
⑩ P.V P.C.C. 1920 cm. Substructure					
Head wall					
2	26.150	0.825	0.40	18302	13.79 m ²
parapet.					
2	61.50	0.400	0.600	24.95	1.95 m ²
less for pipe					
1	0.7857	0.130	0.611	1.478	1.478 m ²
					15.264 m ²
					201091.002
					201091.002
Work Done Calculation Chart:					
Sr. Charge	Distance	Field	Area	Area	Area
1	0.0	0.0	3.253	0.0	0.00
2	50.0	50.0	3.927	3.645	182.450
3	100.0	50.0	4.114	4.026	201.275
4	150.0	50.0	3.884	3.979	199.950
5	200.0	50.0	4.254	4.119	205.950
6	250.0	50.0	3.488	3.921	196.050

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
3. N. Chinnappi Discharge Pipe Area				Field
7 200.0	50.0	4.467	3.978	198.825
8 250.0	50.0	4.734	4.601	230.015
9 400.0	50.0	4.929	4.832	241.525
10 400.0	4.0	3.111	5.020	16.180
Link Road.				
1 0.0	0.0	3.314	0.00	0.000
4 50.0	50.0	4.684	3.999	199.950
3 75.0	25.0	3.354	4.019	100.475
				1972.655m ²
Less for p.c.c. Bed (-)				92.71m ²
Less for walling (-)				141.12m ²
Less for G.S.B. Bed (-)				223.27m ²
Work in embankment (-)				1044.85m ²
100% embankment 1000m (-)				16.04m ²
100% embankment 100m - 236.565m ²				
(ii) Consts of embankment with material lead up to 100 m				
				2 236.565m ²

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
12 Const of embankment with interval road up to 1000m.				
				2 x 6.04m ²
13 Construction of Subgrade and earthen shoulders with approved material				
Subgrade on B-T Road.				
159.50 x 3.7 x 6 x 6.885				10.300256644
2				21.3
P. c c Road.				
144.50 x 4.50 (4.4) x 0.3002 (8.5.08m)				
Adjacemnt to B.T. Road				
1 x 324.50 x 1.182 x 0.025				259.31m ²
Adjacemnt to S.B (B.T. Road)				
1 x 324.50 x 1.388 x 0.2002				185.77m ²
Adjacemnt to P.C.C (P.C.C Road)				
1 x 144.50 x 0.225 x 0.102				17.24m ²
Adjacemnt to B.T. Road				
1 x 144.50 x 0.225 x 0.075				8.13m ²
Adjacemnt to S.B (P.C.C Road)				
1 x 144.50 x 0.225 x 0.1002				10.84m ²
				1048.85m ²

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(19) Const. of Overhead				
Sub-base of 90-90				
all Comp. job				
P.C.C. Portion.				
(Ch. 1.0 - 144.50)				
1715.0 x 6.10 + 3.75				
2.				
1779.0 x 3.75 + 3.75				
2				
1781.50 + 3.90 + 4.60				
2				
1780.0 x 4.60 + 3.95				
2				
1713.0 + 3.75 x 0.100 = 4.88 m				
1717.0 x 3.75 x 0.100 = 8.38 m				
1730.0 + 3.75 x 0.100 = 11.25 m				
1719.0 + 3.75 x 0.100 = 7.13 m				
B.T. Portion.				
Ch. 1.0 - 144.50 - 404.00				
8 x 20.0 x 4.05 x 0.200 = 194.40 m				
1719.50 x 4.05 + 8.50				
2				
Link Road				
B.T. Road				
Ch. 1.0 - 75				
1720.0 x 3.75 x 0.200 = 15.00 m				
1716.50 x 3.75 + 4.80				
2				
1715.0 x 4.80 + 3.30				
2				
1723.50 + 3.20 x 0.200 = 15.28 m				
2				
233.27 m				

Continuation

08/11/2023
D. S.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) P.V. laying, spacing and compacting					
W.B. 179924 - III material					
P.C.C. provision.					
(Chk) - 144.50)					
1715.00 x 610 x 1375					10.0752 5.54m
2					
1719.00 x 375 x 1375					4.58m
2					
1711.50 x 390 x 1460					10.0752 6.85m
2					
1710.00 x 4.60 x 1375					10.0752 6.96m
2					
1712.00 x 375 x 1375					10.0752 3.66m
2					
1712.00 x 375 x 1375					3.66m
2					
1717.00 x 375 x 1375					4.78m
2					
1720.00 x 375 x 1375					8.44m
2					
1719.00 x 375 x 1375					5.34m
2					
B.T. provision.					
(Chk) - 144.50 - 404)					
8 x 30.00 x 375 x 1375					67.50m
1719.50 x 375 x 1375					8.96m
2					
Link Road.					
B.T. provision					
(Chk) - 0 - 75.0)					
1720.00 x 375 x 1375					5.63m
1716.50 x 375 x 1375					5.99m
2					130.83m

Continuation

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
<u>Abstract Case 18th RA/CESIL</u>				
<u>(1) clearing and grubbing</u>				
0.24 of Road lang.				
removed cut wipe TMAP - 2/1				
0.33 Ha. Lime				
CR 51127 = 38 1/2 per Ha.				
Rs 16875200				
<u>(2) P/V and fixing</u>				
1 of working bench				
mark persons.				
<u>(3) P/V and fixing</u>				
of Reference pillars.				
2.0 Nt wipe TMAP - 2/2				
CR 4458 = 66 1/2 per Ha.				
Rs 4453200				
<u>(4) P/V and fixing</u>				
of Reference pillars.				
2.0 Nt wipe TMAP - 2/3				
CR 2051 = 22 1/2 per Ha.				
Rs 4108200				
<u>(5) P/V and fixing</u>				
of Information sign.				
board with logo.				
1.0 Nt wipe TMAP - 2/5				
CR 9766 = 6.3 1/2 per Ha.				
Rs 19533200				

Rs 44963200
Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
⑤ P.V. of Paving of Cereen Duffer. masonry board.				
1.0 m wide T.M.B.P. - 1/5				
Ch. 9766263/2 per m.				
				Rs. 9767200
⑥ Earth work excavation in foundation				
29.798 m ³ wide T.M.B.P. - 3/2				
Ch. 292800/2 per m.				
294273				
				Rs. 8789200
⑦ P.V. of C.M.B.P. in open foundation.				
4.595 m ³ wide T.M.B.P. - 3/2				
Ch. 6091557/2 per m.				
				Rs. 27960200
⑧ P.V. of C.M.B.P. in Substructure				
18.47 m ³ wide T.M.B.P. - 3/8				
15.264 m ³ wide T.M.B.P. - 4/10				
33.734 m ³				
Ch. 6929257/2 per m.				
				Rs. 233768200
				Rs. 345434200

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
⑨				
21				
R. a c				
Const.				
7.50m				
chk. 386.80				
⑩				
Const. of embank.				
4				
met. with water				
real lead up to				
100m				
336.56				
chk. 158 = 14 1/2				
⑪				
Const. of embank.				
met. with water				
real. lead up to				
100m.				
26.04m				
chk. 190 = 83 1/2				
⑫				
Const. of Subgrade				
and section shoulder.				
with approved material				
1042.85m				
chk. 192 = 12 1/2				

Continuation

R. 618,744.20

Particulars	Details of actual measurement			Cont of a
	No.	L.	B.	
(13) Const of Granular Sub-base 10% - 9%				R. 618744
all Comp. job.				
333.37 m ³ vibc TMSD - 7/14				
328.69 m ³ Cement.				
C.R. 3313298 / 2 per m ³				R. 107067320
(14) P.V Laying, Sprea. at clarg hump Compac- ed at W.S of ground inadequate				
141.18 m ³ wide TMSD - 9/15				
134.93 m ³ cement.				
C.R. 4400 = 21 1/2 per m ³				R. 56673400
(15) Const of Cement Concrete Pavement				
98.71 m ³ wide TMSD - 9/16				
90.90 m ³ cement				
C.R. 7695 = 66 1/2 per m ³				R. 699535200
				R. 2949686200

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