

pmbsy(Awsegh) NDB

Patge N:- pmbsy(Awsegh) NDB - BRPP-2-439 Tekar

Schedule XLV-Form No. 134

Mahua Bigha Bridge to Latmanchak

TIKARI

DIVISION

E. E. R. W. D.

Agency:- Friketawazini btaatech Pvt Ltd.

A. E. R. W. D. SUB-DIVISION

Konch

1091

KONCH

MEASUREMENT BOOK

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.	
Name of work: -					
comp. of Road					
from Mangu Bigha					
Bridge to Laxmanpur					
under Kanchi Block					
Name of Agency: -					
Trikutia Warring					
Imphal P.W.D.					
Agreement No: -					
3/330/MMGSY					
NDB (AW) 1251/2024-25					
Date of start: -					
18/6/24					
Date of completion: -					
17/6/25					
Date of measurement: -					
30/06/24					
Measurement					
1) Setting out pillars					
1) Fixing of working					
benchmark pillars					
1 No.					
2) Reference pillars					
2 No.					
3) Clearing and grubbing					
road land including					
uprooting wild vegetation					
25460.00 x 0.75 = 670.00 = 0.0691189					
10000					
4) Comp. of 600mm dia					
74m pole wires					

Continuation

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Schedule XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
4) G.WORK on foundation for S.P. 24/11/11 etc. - Job.				
1) W. 2 x 3.90 x 1.15 x 1.50 = 13.45 m ³				
Below slope				
1 x 5.350 x 1.130 x 0.365 = 2.28 m ³				
				15.165 m ³
5) P.W. RCC M-15 for covering concrete in foundation etc. - Job.				
1) W. 2 x 3.90 x 1.15 x 1.50 = 13.45 m ³				
Below slope				
1 x 5.35 x 1.130 x 0.250 = 1.50 m ³				
				2.184 m ³
Less for pipe				
0.250 x 0.7857 x 0.83 ² x 5.849 = 0.79 m ³				
				2.09 m ³
6) P.W. laying concrete concrete pipe for channels etc. - Job.				
1 x 3 x 2.50 = 7.50 m.				
7) P.W. RCC M-15 in open foundation etc. - Job.				
1) W. 2 x 3.60 x 0.70 x 2.78 = 14.01 m ³				
For pipe 2 x 3.60 x 0.40 x 0.60 = 1.73 m ³				
				15.74 m ³
Less for pipe				
2 x 0.7857 x 0.83 ² x 0.53 = 0.57 m ³				
				15.17 m ³
8) Construction of embankment with approved materials etc. - Job.				

Continuation

Schedule XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chadanga	C/S. Area	mean length			Volume
		Area			
0.00	0.54	-	-	-	-
50	0.58	$0.56 \times 50 =$			$28.00 m^3$
100	0.52	$0.55 \times 50 =$			$27.50 "$
150	0.48	$0.50 \times 50 =$			$25.00 "$
200	0.56	$0.52 \times 50 =$			$26.00 "$
250	0.46	$0.51 \times 50 =$			$25.50 "$
300	0.68	$0.57 \times 50 =$			$28.50 "$
350	0.62	$0.65 \times 50 =$			$32.50 "$
400	0.52	$0.57 \times 50 =$			$28.50 "$
460	0.58	$0.55 \times 60 =$			$33.00 "$
					$254.50 m^3$
(i) 307.94 from 100m level					$178.15 m^3$
(ii) 307.94 from 100m level					$76.35 m^3$

(9) p.v. and fining of axial				
mmmsy embankment sign				
board with logs as per mod.				
(i) p.v. and fining 100 of 100 x 100				1 NO.
(ii) citizen information board				2 NO.
				3 NO.
(10) construction of subgrade				
location under road work				
approved material use 100				
$5 \times 30.00 \times 7.10 \times 0.30 =$				$319.50 m^3$
$5 \times 30.00 \times 7.10 \times 0.30 =$				$319.50 "$
$1 \times 25.00 \times 7.10 \times 0.30 =$				$53.25 "$
(i) 207.94 from 100m				$484.57 m^3$
(ii) 307.94 from 100m				$207.68 m^3$
(11) construction of 100				by 60 m
level of road at 100m level				

Continuation

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Schedule XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x15.00x3.75+5.65x0.20					14.10m ³
		2			
4x30.00x4.05x0.20					97.20 "
5x30.00x4.05x0.20					121.50 "
1x30.00x4.05+4.25x0.20					24.90 "
		2			
1x10.00x4.05x0.20					8.10 "
					265.80m ³
(12) W.B.M. curalling. 2 materials					
Placing spreading and					
compacting stone aggregate					
C.I.C - 200.					
1x15.00x3.75+5.35x0.075					5.12m ³
		2			
4x30.00x3.75x0.075					33.75 "
1x30.00x3.75x0.075					
5x30.00x3.75x0.075					42.18 "
1x30.00x3.75+3.95x0.075					8.66m ³
		2			
1x10.00x3.75x0.075					2.81 "
					92.52m ³
					Lime 92.30m ³
(13) consist. of C.I.C. by providing					
w.B.M. graded materials					
C.I.C - 200.					
C.C. by 30m					
4x30.00x3.75x0.100					45.00m ³
1x15.00x3.75+4.35x0.100					6.07 "
		2			51.07m ³
(14) W.B.M. curalling. 3 materials					
Placing spreading and					
compacting stone aggregate					

Continuation

3

					38.70
Morad				Paid Return	
	30/06/24			30/06/24	
	J E / Roshan			n2	

Mathematical Statement

Received 30/05/24 Raju Raturaj 30/6/24

Continuation

Schedule XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
133 on A.C. Bill					
Absence of case					
Setting out pillars					
for a line of working.					
Benchmark pillars					
vide P-1 item (1)					
into Rs. 4334 = 02 Rs. B.					4334 = 00
Reference pillars					
vide P-1 item (2)					
into Rs. 1998 = 98 Rs. C.					3998 = 00
Clearing and grubbing road					
land etc - Job.					
vide P-1 item (3)					
0.69444, Rs. 76947 = 02 Rs.					5309 = 00
Contr. of embankment					
with approved materials					
etc - Job.					
vide P-3 item (B)					
907.914. from 100m level					
178.15 m ³ Rs. 258 = 72 m ³ B.					46091 = 00
914. for 100m					
76.35 m ³ Rs. 185 = 97 m ³ B.					14199 = 00
ELWORK excavation for					
structure after covering					
etc - Job.					
vide P-2 item (4)					
15.65 m ³ B. 405 = 80 m ³ B.					6351 = 00
P.V. P.C.C.M. is as covering					
concrete etc - Job.					
914. vide P-2 item (5)					
2.84 m ³ B. 2.04 m ³					
Rs. 5826 = 63 m ³					11886 = 00
					Rs. 92168 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			31.83.		92168=00
(7) Plastering corners concrete					
44mm. 1000 etc. - 500.					
vide P-2 item (6)					
7.50m 0 Rs. 3175.98/m Rs. 23820=00					
(8) Plastering in open					
foundation etc. - 500.					
vide P-2 item (1)					
15.17m ³ etc. 6249.274/m ³ Rs. 94808=00					
(9) 10mm. 1/2 subgrade					
earth shoulder with					
900mm. material etc. - 500.					
vide P-3 item (10)					
(10) 10mm. 1/2 from 100mm. load					
48457 m ³ etc. 226.26/m ³ Rs. 109890=00					
(11) 30mm. 1/2 from 100mm. load					
207.68 m ³ etc. 313.12/m ³ Rs. 65029=00					
(12) Plastering of vertical					
mm. 1/2 temporary form					
board etc. - 500.					
vide P-3 item (9)					
3 No. etc. 11317.07 etc. Rs. 33951=00					
(13) 10mm. 1/2 G.S.B. by providing					
well packed material					
etc. - 500.					
vide P-3 item (11)					
265.80 m ³ etc. 206.32/m ³ Rs. 54841=00					
(14) 10mm. 1/2 from 100mm. load					
vide P-3 item (13)					
10mm. 1/2 from 100mm. load					
vide P-3 item (13)					

Continuation

Schedule XIV - Form No. 134

Schedule XLV—Form No. 134				Contents of area
Particulars	Qty of material measured			
No.	L	B.	D.	

B.F. B. 1297107-12

(13) Work done of 1213.64

W.C.C. graded material

210-2106.

W.C.C. - 4.010m (13)

51.07 m³ @ B. 2062226/m³ B. 105371200

(14) W.C.C. m. loading - 3

materials etc - 2106.

W.C.C. - 4.010m (14)

38.30 m³ @ B. 3570471/m³ B. 13674900

Rs. 1839527=00

paid 657.18%

B. 277115=00

paid 1% Labour cost Rs. 15395=00

paid 1% Labour cost Rs. 34398=00

B. 1866435=00

Less 1.51% below B. 28183=00

B. 1838252=00

Rahul Kumar

30/06/24

12/10/2024

Rahul Kumar

30/06/24

12/10/2024

Rahul Kumar

11/09/24

12/10/2024

11/09/24

J.E