

Whitiyadan Brahm Rd Near Ht Bridge to Madanpur

Schedule XLV-Form No. 134

M.K.G.-NDB

E.E R.W.D. WORK Aufangabad **DIVISION**

A.E. Madanpur **SUB-DIVISION**

Parmanamt

Agency - D.D.

NO-4471

MEASUREMENT BOOK

1.

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 on A/C Bill				
Name of Work	Const. of P.R.				
	From Khiriyawan Basti to				
	Rd. Near H.L. Bridge to				
	Mendarypur Under-head				
	(MMSY - MDS)				
Agency	Paramount				
Agreement No	25 SBD / 2023-24				
Date of Start	2/08/23				

Date of completion — 01/8/24

MEASUREMENT

(1) Working Benchmark — 0.68 Km

(2) reference Pillars — 0.68 Km

(3) clearing boundary

road land — do —

2x	4x20x2.00	=	480.00
2x	4x30x2.00	=	480.00
2x	6x20x2.00	=	720.00
2x	6x30x2.00	=	720.00
2x	2x20x2.00	=	240.00
2x	1x20x2.00	=	80.00

Continuation

2720.00

0.27 Hect

Sch.XLV-Form No. 134					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
(1) 4/12 m & x Connection for Foundation - do -					
	2	3.90	1.15	1.50	13.455
	1	5.35	1.10	0.865	2.201
					15.662 m ³
(2) PCC mix as locally					
Course in foundation					
	2	3.900	1.150	0.150	1.3455
	1	5.311	1.120	0.250	1.520
Loss for pipe					
	0.250	0.7857	0.830	0.530	0.574
					15.165 m ³
					2.05 m ³
(3) Provide & laying R.C					
Pipe MP3 for columns -					
	3	2.50			7.50 m
(4) Brick Masonry work					
m cm (1:4) in head wall -					
	2	3.600	0.700	2.780	14.011 m ³
Parapet					
	2	3.600	0.400	0.600	1.728
Loss for pipe					
	2	0.7857	0.830	0.530	0.574
					15.165 m ³

Continuation

10' 2.24

5.0

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Continuation

Sch.XLV-Form No. 134

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Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Const. of embankment with					
Material obtained from					
borrow pits - 20 -					
attached graph					
S. No	CH	Fill Area	Mean Area	Dist. in m	Fill Volume
1	0	5.649			
2	50	7.543	6.596	50	329.80
3	100	5.941	6.742	50	337.100
4	150	7.272	6.607	50	330.325
5	200	5.930	6.601	50	330.050
6	250	9.076	7.503	50	375.150
7	300	4.874	6.828	50	244.125
8	350	4.285	4.482	50	214.062
9	400	3.476	3.921	50	196.025
10	450	4.988	4.222	50	249.100
11	500	4.985	4.982	50	249.325
12	550	6.096	5.541	50	277.025
13	600	4.111	5.104	50	255.175
					3456.550
Deduct Item					
Subtotal =			1640.08 m ³		
W.S.S. —			425.85 m ³		
W.S.M III. —			154.53 m ³		
P.C.C. —			102.50 m ³		
					2322.96
					1138.77 m ³
1138.77					
2322.96 x 60% Allowed —					680.26
					m ³

Continuation



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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) Const. of work by					
bench mark — do —					
0.68 Km, wide TMB P-1					
@ Rs 4905.19/km — Rs. 3336.00					
(2) refractive pillars —					
0.68 K.m, wide TMB P- 1					
@ Rs. 2610.27/km — Rs. 1775.00					
(3) clearing & grubbing					
road land — do —					
0.72 Hect, wide TMB P-1					
@ Rs. 27197.86/Hcy — Rs. 19628.00					
(4) Const. of embankment —					
wide TMB P- 7					
(a) For 100 m lead —					
272.10 m ³					
@ Rs 250.04/m ³ — Rs. 68036.00					
(b) For 100 m lead —					
408.16 m ³ , wide TMB P- 7					
@ Rs 177.02/m ³ — Rs. 72252.00					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(5) Const. of C.S.R. - 8					
Ranking shoulder - do					
984.05 m ³ , wide TMB P-7					
@ R.R. 252.51/m ³ - R.D.					248482.00
(6) Box cutting -					
22.31 m ³ , wide TMB P-2					
@ R.D. 103.85/m ³ - R.D.					2317.00
(7) Const. of C.S.R. - do					
385.35 m ³ , wide TMB P-4					
@ R.D. 2378.35/m ³ - R.D.					916497.00
(8) Providing WBM for III -					
do - do					
135.00 m ³ , wide TMB P-5					
@ R.D. 3935.78/m ³ - R.D.					531330.00
(9) Const. of Ice Panel -					
1130 - do					
96.00 m ³ , wide TMB P-5					
@ R.D. 7476.87/m ³ - R.D.					717780.00
(10) E/W in excavation					
For foundation -					
15.16 m ³ , wide TMB P-2					
@ R.D. 383.28/m ³ - R.D.					6003.00

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11) P.C.C. 1:2:4 landing					
rough by foundation					
2.05 m ² wide - 100 P-2					
@ Rs. 6167.86/m ² - Rs.					126692
(12) Brick masonry in C.M.					
in head wall - do					
15.17 m ² wide - 100 P-2					
@ Rs. 5981.16/m ² - Rs.					899462
(13) Plastering with C.M. - do					
39.20 m ² wide - 100 P-3					
@ Rs. 199.32/m ² - Rs.					78152
(14) Providing 1.5 mm C.P.					
8.16 m ² wide - 100 P-3					
@ Rs. 78.19/m ² - Rs.					638
(15) Providing Red pipe					
100 for culvert					
7.50 m, 100 Le - 100 P-2					
@ Rs. 3167.86/m - Rs.					237592
					2722263
Add 18.4, C.S.T					4900072
1.4, L.C					27223
S. Free					65553
					3305046
Less 10.4, below					330505

Continuation

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12.3.24
S.C.