

Schedule XLV-Form No. 134

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Executive Engineer, R.W.D.W. DIVISION

Bakhigarhpur

SUB-DIVISION

MBNB-7615

MEASUREMENT BOOK

Situation of work -

Date of measurement -

(These four lines should be repeated at the commencement of the measurements relating to each work).

of the measurements relating to each work)

Agency -	Contract Number	Details
Roy, Merio Rose	04/08/23	
Melvin March 04/08/23	East	
Smith at Perry, W. 800072		
Agreement No. 30	mod 23-24	
Rate Approval - D. 06/10/2020		
Date of commencement - 05/08/23		
Date of completion - 04/05/2024		
Date of measurement - 23/12/23		
Work done		
Item ①	Chaining & marking	
	area land - do site	
2 x 10 x 20.00 x 1.00 = 600.00 m		

Continuation 40600.00 m²

90600-0042

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Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
Plan (1) of clearing 84 m. (bldg)				84 = 600.00 m ²
2 x 10 x 30.00 x 1.00 =				600.00 m ²
2 x 10 x 30.00 x 1.00 =				600.00 "
2 x 6 x 30.00 x 1.00 =				360.00 "
2 x 1 x 90.00 x 1.00 =				180.00 "
				2280.00 m ²
∴ Net = 2280.00 / 10000 = 0.22 Hect.				
Plan (2)	Excavation for road			

	work in brick hnd			
	road excavator			
	do do do			
100 x cutting				3
2 x 3 x 30.00 x 0.750 x 0.275 =				37.125 m
2 x 1 x 10.00 x 0.750 x 0.275 =				4.125 "
				41.25 m ³
Plan (3)	Longitudinal at 84 m			
	grade 84 m then 4 m			
	width 10 m do 2 m			3
Excavation				
2 x 3 x 30.00 x 0.500 x 0.30 =				27.00 m
2 x 1 x 10.00 x 0.500 x 0.30 =				3.00 "
				30.00 m ³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Item ④ Construction of G.S.B. by wall graded material/gr. I--do--do--do--etc.					
Box cutting					
	2x3	30.00	0.750	0.100	13.50 m ³
	2x1	10.00	0.750	0.100	1.50 "
					15.00 m ³
Item ⑤ Poor. laying spreading & compacting stone app. regates & specifications to W.B.M. 40.00--do--etc.					
Box cutting					
	2x3	30.00	0.750	0.075	10.125 m ³
	2x1	10.00	0.75	0.075	1.125 "
					11.25 m ³
Item ⑥ Construction of D.C. sub-base--do--etc.					
Box cutting					
	2x3	30.00	0.750	0.100	13.50 m ³
	2x1	10.00	0.750	0.100	1.50 "
					15.00 m ³

Continuation

PTD

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					15.00 m ³
Item 6) 60x20 (020)					
5 x 30.00 x 3.00 x 0.100 =					45.00 "
1 x 15.00 x 3.00 x 0.100 =					4.50 "
					64.50 m ³

Item 7) Construction of Panel
Concrete p.c.c. base
ment m. 30 x 40
etc.

Existing Ice From Area

Not 30 x 40 x 0.100

1 x 30.00 x 6.00 + 3.95 x 0.125 =	17.59 m ³
1 x 30.00 x 3.75 + 3.12 x 0.125 =	12.09 "
1 x 30.00 x 3.12 + 3.95 x 0.125 =	11.91 "
1 x 30.00 x 3.25 + 4.00 x 0.125 =	13.59 "
1 x 30.00 x 4.00 + 3.95 + 4.00 x 0.125 =	13.45 "
1 x 30.00 x 3.12 + 3.95 x 0.125 =	11.72 "
1 x 30.00 x 3.25 + 3.12 x 0.125 =	11.72 "
1 x 30.00 x 3.00 + 3.95 x 0.125 =	11.72 "
1 x 30.00 x 3.25 + 4.00 + 3.00 x 0.125 =	13.19 "
1 x 30.00 x 3.00 + 3.00 x 0.125 =	11.81 "
1 x 17.00 x 3.00 + 2.80 x 0.125 =	6.89 "
1 x 4.10 x 3.80 x 0.125 =	1.95 "
1 x 7.50 x 4.70 x 0.125 =	4.41 "
1 x 30.00 x 3.20 + 2.75 x 0.125 =	9.98 "

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
27m (76811/1000 sq ft)				14 ft	
1 x 30.00 x 3.75 + 2.45 x 0.195 =					10.69 m
1 x 21.00 x 2.95 + 5.50 + 4.14 x 0.195 =					10.98 "
1 x 31.00 x 2.70 + 2.80 + 5.50 x 0.195 =					14.75 "
1 x 18.00 x 4.00 + 3.60 x 0.195 =					8.55 "
1 x 30.00 x 3.95 + 0.195 =					12.19 "
1 x 9.00 x 3.95 x 0.195 =					3.66 "
1 x 14.00 x 2.95 + 2.75 x 0.195 =					4.46 "
1 x 16.00 x 2.85 + 2.40 x 0.195 =					6.05 "
1 x 6.00 x 2.50 x 0.195 =					1.88 "
1 x 30.00 x 2.60 x 0.195 =					9.75 "
1 x 19.00 x 2.60 x 0.195 =					6.18 "
1 x 14.00 x 4.00 x 0.195 =					8.05 "
1 x 14.00 x 4.60 x 0.195 =					8.05 "
1 x 18.00 x 4.50 x 0.195 =					10.13 "
1 x 9.00 x 2.80 + 2.60 x 0.195 =					3.04 "
1 x 9.00 x 2.75 x 0.195 =					3.09 "
1 x 30.00 x 3.75 + 2.40 x 0.195 =					11.53 "
1 x 8.00 x 2.40 x 0.195 =					2.40 "
1 x 20.00 x 2.50 + 2.10 x 0.195 =					5.15 "
1 x 30.00 x 2.90 + 2.60 x 0.195 =					10.31 "
1 x 7.00 x 2.90 x 0.195 =					2.54 "
1 x 22.00 x 2.95 + 2.00 x 0.195 =					5.98 "
1 x 8.00 x 2.75 x 0.195 =					2.75 "
1 x 10.00 x 3.00 x 0.195 =					3.75 "

Continuation of 10 =

Continuation

Scanned with CamScanner

Particulars	Details of actual measure			Contents of area
	No.	L	B	
Item (1) B.C. Item length				
2.00 x 1.00 = 2.00				
2 x 1.00 = 2.00				1.99 m ²

Item (10) For fixing of net
reflector & lantern
on, ornamental & other
material etc.

(i) 600 mm sq. & triangle				6.00 Nos.
(ii) 600 mm circular				4.00 Nos.

(iii) 600 x 450 mm Rectangular. 4.00 Nos.

Item (11) R. E. C. M. 15 grade

horizontal pillar etc.

Qty = 8.00 Nos.

Item (12) Printing new letter

& figures etc.

2 x 704.00 = 1408.00 Per hr.

Continuation

Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
A				
B				
C				
D				
E				
F				
G				
H				
I				
J				
K				
L				
M				
N				
O				
P				
Q				
R				
S				
T				
U				
V				
W				
X				
Y				
Z				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Material of Workment					
① Earth	—				30.00 m ³
(11) Agg (53 to 75 mm)	—				9.00 m ³
(12) Agg (75 to 100 mm)	—				3.60 m ³
(13) Agg (100 to 150 mm)	—				5.40 m ³
(14) Agg (150 to 200 mm)	—				13.61 m ³
Stone Screening	—				2.70 m ³
Crushed Stone Course Agg	—				58.05 m ³
Comp. Sand	—				222.66 m ³
Agg 40 mm	—				232.37 m ³
Agg 10 mm	—				154.92 m ³
Total					
23/12/20					

J.E.					
Subscribed					
28/12/23					
AC					
Seigniorage — 1090					
(1) Sub grade	30.00 m ³	—	—	—	—
1090 40 35 = 35/m ³	—	—	—	—	106.00
(12) Gr. I	15.00 m ³	—	—	—	—
1090 40 75 = 36/m ³	—	—	—	—	1136.00
(13) Gr. II	11.25 m ³	—	—	—	—
1090 40 75 = 36/m ³	—	—	—	—	1614.00
(14) Gr. III	64.50 m ³	—	—	—	—
1090 40 75 = 36/m ³	—	—	—	—	5907.00
Continuation					
8763.00					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
①	Clearing & grubbing road & level do etc.				
	0.22 Hect. vide T.M.B page ⑩				
	el 75573 = 34/Hect - Rs				16626=00
②	Excavation for road way in soil with hydraulic excavator do etc				
	41.95 m ³ vide T.M.B page ⑩				
	el 103 = 10/m ³ - Rs				4259=00
③	Construction of sub grade & another 1/2 ha - 10 ft - do - - - etc.				
	30.00 m ³ vide T.M.B page ⑪				
	el 27154/m ³ - Rs				8146=00
④	Construction of G.S.B gr. I by prov. well gr. 2nd material do etc				
	15.00 m ³ vide T.M.B page ⑪				
	el 3383 = 18/m ³ - Rs				50748=00
⑤	Prov. laying, spreading & compacting stone aggregates & specific binder to non yr. II do etc				
	11.95 m ³ vide T.M.B page ⑪				
	el 5068 = 15/m ³ - Rs				57017=00
					el 1,36790=00

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(6) Construction of D.L.C. do do etc 44.50 m ² side T.M.B. Page (11) els 4780 = 49/m ³ — Rs 203342.00					Rs 136791.00
(7) Construction of panel concrete R.C.C. pave- ment 150 grade do etc 430.32 m ² side T.M.B. Page (11) els 9147 = 39/m ³ — Rs 3936365.00					
(8) R.C.C.M. 150 grade km. Stone do etc (i) km. Stone 2.00 m ² side T.M.B. Page (12) els 3014 = 30/each — Rs 60402.00					
(ii) 200 m ² Stone 5.00 m ² side T.M.B. Page (12) els 842 = 46/each — Rs 4912.00					
(9) Prov. & setting of dire- ction & Place identi- fication sign do etc 1.92 m ² side T.M.B. Page (12) els 14061 = 36/m ² — Rs 26928.00					
(10) Prov. & fixing of retro reflectorized cautionary mandatory & Informatory sign do etc 44.18 m ² side T.M.B. Page (12)					Rs 4418.00

Continuation

P.T.O.

Particulars	Details of actual measure			Expenditure of area
	No.	L	B	
				PT 1 = 44/1944=00
(1) 100 mm x 200 mm				
6.00 nos. vide TM page (12)				
at 11/10 = 19/each				24,192=00
(2) 100 mm x 100 mm				
4.00 nos. vide TM page (12)				
at 5.41 = 67/each				26,680=00
(3) 600 x 450 mm deepening				
4.00 Nos. vide TM page (12)				
at 5394 = 75/each				215,190=00
(11) R.C.C. m. 15 grade				
boundary pillars do etc.				
2.00 nos. vide TM page (12)				
				at 11/10 = 19/each - 4 5,444=00
(12) Potting soil for 2				
figures - do - do - do				
1408.00 Pchpt. vide TM page (13)				
at 0 = 75 / Pchpt - 19				1056=00
(13) Prov. & fixing of hot				
applied thermoplastic				
compound - do - etc.				
220.00 m ² vide TM page (13)				
at 995 = 86/m ² - 12				218,979=00
(14) Prov. & fixing of typical				
Informatory board do etc.				
3.00 nos. vide TM page (13)				
at 11,126 = 82/each - 15				33380=00
				47,4599=00

Continuation

PT 2

