

MM&L अक्षोप N.O.B. BRP2

Schedule XLV-Form No. 134

वैधाना मॉरेना P.O.D रोट ए निगार्लिना कुमटि ए दोम।
एक एन डिर्नि

कार्यपालक अभियन्त

ग्रामीण कार्य विभाग, कार्य प्रमाणदल

नरकटियागंज

MM. 1742/23-24

SUB-DIVISION

2774/23

MEASUREMENT BOOK

अक्षोप: वनकुमटि एम।

122 00 00 00 00

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.	
None of work. Cost of road from Betia Gumbia Road road to Jinnah Road Kanharola					
Agency - Sonjay Kumar Ray.					
Agreement No - 29/2023-24					
Date of start - 19.12.2023					
Date of completion - 18.12.2024					

Record Book					
(1) Cost of reference					
working benchmark -					0.811127
(2) Cost of reference					
filling - do -					0.811141
(3) Cleaning & grading of road/land - do -					
2x	10x	30.2x	1.50 =	900.00	
2x	10x	30.2x	1.50 =	900.00	
2x	7x	30.2x	1.50 =	630.00	
2x	1x	1.00x	1.50 =	3.00	
Total					2433.00

Continuation

Soil : 0.24 Acre

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>4</u> <u>(32)</u> Dismantling of existing R.C. Structure - do -					
	1x	8.50x	1.14x	0.15 =	0.599
	1x	0.45x	5.00x	0.15 =	0.338
				total =	0.937 m ³
<u>5</u> <u>(38)</u> Dismantling of R.C.C. Structure - do -					
	1x	0.45x	5.00x	0.30 =	0.675
	2x	0.45x	0.300x	0.30 =	0.081
				total =	0.756 m ³
<u>6</u> <u>(39)</u> Dismantling of existing masonry - do -					
	1x	5.00x	1.00x	1.00 =	
	2x	4.20x	0.825x	2.50 =	17.325
	2x	5.00x	0.825x	3.00 =	24.75
				total =	42.075 m ³
<u>7</u> <u>(40)</u> Remove all types of H.M.C. Pipe					
	1x	5.00x	1.00x	1.00 =	5.00 m ³
<u>8</u> <u>(41)</u> R.C.C. existing masonry Logo board - do. 01 nos.					

Continuation

Continuation

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Side of concrete pile					
1 x 5.29 x 6.20 x 6.24					44.514
Leak.					
1 x 5.29 x 1.55 x 1.240					11.128
				total	33.386 m ²
$\frac{1}{21}$ for P.C. m-15 grade					
in. Parapet - - Do -					
2 x 6.20 x 0.60 x 1.20					5.95 m ²
$\frac{11.7}{12.1} \times 25.4$ 2.5				Phy 12/01/24	
Record Entry					
$\frac{1}{25}$ painting two coats					
Including Primer paint					
Parapet wall - 4 x 6.20 x 0.60					14.88
Side. 2 x 6.20 x 0.60					4.96
End. 4 x 0.60 x 1.20					1.92
U/S/D/S 2 x 6.20 x 1.60					19.84
				total	41.60 m ²
$\frac{2}{28}$ for & boxing					
Guide Post -					0.8 m ²
$\frac{3}{8}$ for Const of subgrade					
& earthen shoulder					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2x 20x30.00 x 1.325 x 0.20 =					9.18.00
2x 1x 22.00 x 1.325 x 0.20 =					11.66
2x 20x30.00 x 1.20 x 0.075 =					108.00
2x 1x 22.00 x 1.20 x 0.075 =					9.96
2x 4x 30.00 x 1.620 x 0.10 =					38.88
2x 4x 30.00 x 1.52 x 0.075 =					27.36
2x 6x 30.00 x 1.28 x 0.160 =					73.73
2x 1x 9.00 x 1.28 x 0.160 =					3.69
				Total =	585.28 ₇₂

1/19/18 for const of G.I. B
by well graded
material - do -

2x 2x30.00 x 0.375 x 0.10 =	4.50
2x 1x 9.00 x 0.375 x 0.10 =	0.675
2x 4x 30.00 x 0.375 x 0.10 =	9.00
2x 3.60 x 1.10 x 0.10 =	0.79
3x 3.10 x 1.50 x 0.10 =	1.40
1x 3.40 x 1.00 x 0.15 =	0.51
3x 3.75 x 0.80 x 0.10 =	0.90
4x 2.80 x 0.90 x 0.10 =	1.01
6x 2.60 x 1.00 x 0.10 =	1.56
5x 3.20 x 1.10 x 0.15 =	2.64
4x 3.80 x 0.90 x 0.15 =	1.94
6x 4.10 x 0.95 x 0.20 =	4.62
5x 5.10 x 0.80 x 0.10 =	2.04
6x 3.30 x 0.95 x 0.15 =	2.82

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4 x 4 70 x 1.05 x 0.10					1.97
2 x 20 x 30.00 x 0.525 x 0.10					63.00
2 x 1 x 22.00 x 0.525 x 0.10					2.31
2 x 20 x 30.00 x 4.05 x 0.10					243.00
2 x 1 x 22.00 x 4.05 x 0.10					8.91
2 x $\frac{(6.05 + 4.05)}{2} \times 0.10$					3.535
				Total	357.18

Form work by on 3/4

Id	Dis	Area	meas Area	vol/mc
0	0	1.624	—	—
50	0	1.055	1.340	66.925
100	0	1.338	1.192	59.825

150	0	1.782	1.560	78.000
200	0	1.048	1.415	70.750
250	0	2.363	2.206	110.225
300	0	1.532	2.450	122.500
350	0	2.137	1.832	91.850
400	0	2.119	2.128	106.400
450	0	3.044	2.582	129.075
500	0	2.325	2.685	134.225
550	0	2.323	2.324	116.200
600	0	1.118	1.721	86.025
650	0	1.011	1.065	53.225
700	0	2.039	1.525	76.250
750	0	2.686	2.363	118.125
800	0	0.814	1.750	87.500

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
811 11	2.260		1.287		19.657
			total?		1526.857 m ²
Less crust thickness.					
(i) Subgrade -					585.28 m ²
(ii) Box cutting -					83.366
(iii) Relocating soil -					58.356
			total		727.002 m ²
Net earthwork quantity					
					$1526.857 - 727.002 = 799.855$ m ²
① Embankment width					
100 m length.					
					30 x 799.855 m ²
					$30 \times 799.855 = 239.957$ m ³
			100		

② Embankment Aff.					
100 m length					
					70 x 799.855 m ²
					$70 \times 799.855 = 559.898$ m ³
			100		

thru
of 21/2/2024
J.C.

Plint
07/04/24

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
(1) Const of reference					
benchmark — do —					
0.811 K4 wide Page (1)					
ch 5192.91/K4 — H					4211
$\frac{2}{12}$ Const of reference					
Pillars — do —					
0.811 K4 wide Page (1)					
ch 2417.82/K4 — H					1961
$\frac{3}{13}$ Cleaning & grubbing					
of road/and —					
0.24 Hect wide Page (1)					
ch 75523.24/Hect — H					16626
$\frac{4}{14}$ Excavation for roadway					
for cutting — do —					
83.366 m ² wide Page (4)					
ch 186.85/m ² — H					15577
$\frac{5}{15}$ Const of embankment					
/ cut up to top cutting					
soil — do —					
58.356 m ² wide Page (4)					
ch 69.55/m ² — H					4059

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{6}{18}$) Const of embankment lead up to 100 ft length — do —					
559.898 m ² wide Page. (8)					
at 260.100/m ² — — —					145629
$\frac{7}{21}$) Const of embankment lead up to 100 ft/length					
239.957 m ² wide Page. (8)					
at 184.827/m ² — — —					44349
$\frac{8}{81}$) Const of subgrade 9 — earthwork shoulder					
585.28 m ² wide Page. (5)					
at 213.63/m ² — — —					154297
$\frac{9}{91}$) Const of G.S.B by well graded material					
357.18 m ² wide Page (2)					
at 4019.38/m ² — — —					1434913
$\frac{10}{141}$) Excavation for earthwork in foundation — do —					
27.99 m ² wide Page. (9)					
at 398.62/m ² — — —					11157
$\frac{11}{121}$) P.V.P.C m-10 grade					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
in foundation - do -					
2.667 m ² note Page (3)					
at 8400.150/m ² —				Rs	22403
12 13/181 for p.c.c m-15 grade					
in foundation -					
24.52 m ² note Page (3)					
Unit - 24.57 m ²					
at 8003.16/m ² —				Rs	203432
12 13/181 for p.c.c m-20 in					
foundation - do -					
2.61 m ² note Page (19)					
at 8714.91/m ² —				Rs	22746
14 15/181 for p.c.c m-15 grade					
in foundation -					
5.95 m ² note Page (5)					
at 8222.18/m ² —				Rs	49249
12 13/181 painting two coats					
in walling primer paint					
41.60 m ² note Page (5)					
at 137.83/m ² —				Rs	5734
16 17/181 Boulding behind					
about new m- do.					
33.386 m ² note Page (5)					
at 926.200/m ² —				Rs	30922

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>12</u> <u>(22)</u> Pile & driving Guide					
Post - do -					
0.8 m ² m ² m ² Page (5)					
at 700.95/m ² - 14					5608
<u>18</u> <u>(36)</u> Pile & laying 100 m ²					
dis. h.c.c. pile					
750 m ² m ² Page (3)					
at 7504.92/m ² - 14					56287
<u>19</u> <u>(37)</u> Dismantling of existing					
pile structure -					
do -					
0.932 m ² m ² Page (2)					
at 678.16/m ² - 14					635
<u>20</u> <u>(38)</u> Dismantling of existing					
R.C.C. structure -					
0.756 m ² m ² Page (2)					
at 1707.47/m ² - 14					1291
<u>21</u> <u>(39)</u> Dismantling of existing					
stone masonry - do -					
42.075 m ² m ² Page (2)					
at 478.86/m ² - 14					20148
<u>22</u> <u>(40)</u> Remove all types					

Continuation

29				
421	pin a drawing mmbay			
	logo board			
01	new nide page 2			
ck	15593.20/ent			
				15593
				H. 2267426
	Add 657 180.			L 408137
	Add 657 180.			B 22674
	Add 657 180.			B 40426

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Continuation