

^{M.S.B. Price DEPR 575}
Schedule XLV-Form No. 134

ਮੀਟਰਿੰਗ ਟਾਈਮਾਂ ਦੇ ਅਨੁਸ਼ਚਿਤ ਕੰਮ ਲਈ

ਮ.ਸ. 1743/23.24

कार्यपालक अधिकारी
ग्रामीण कार्य विभाग, कार्य प्रभुदल
नरकटियागंज

ਸਬਡਿਵੀਜ਼
SUB-DIVISION

MEASUREMENT BOOK

ਭਾਗ: ਮਾਪਦਾਨ

122 on Old Hill

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.	
NAME of WORK. Course of road from Pochariya Khana Road to Ambedkar Nagar.					
Agency - Nikash Mr Pandey					
Agreement No. - 24/2022-24					
Date of start - 25.01.2024					
Date of completion - 20.10.2025					

Record Entry

1) Cost of surface
working benchmark - 1.042m

2) Cost of drainage
Pillars - 0.0 - 1.042m

3) Cleaning & grading of
road/land - 0.0

2x	20 x 30.00	x 1.50	1800.0
2x	14 x 30.00	x 1.50	1260.0
2x	1 x 22.00	x 1.50	66.0
		total	3126.0

Continuation
July, 0.3/ Hdr

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
<u>4</u> (15) 2nd Disbanding of R.C.C. structure -					
1 x 3.50 x 1.14 x 0.15 =					0.60
2 x 3.50 x 3.38 x 0.15 =					3.54
1 x 1.50 x 1.00 x 0.15 =					0.23
				total	4.37 m ³

<u>5</u> (16) 1st Disbanding of R.C.C. structure -					
1 x 1.50 x 5.00 x 0.30 =					2.25
2 x 1.50 x 0.30 x 0.30 =					0.27
				total	2.52 m ³

<u>6</u> (17) Disbanding of Brick masonry -					
1 x 5.00 x 1.00 x 1.00 =					5.00
2 x 2 x 8.00 x 0.825 x 3.00 =					79.20
2 x 5.00 x 0.825 x 3.00 =					24.75
2 x 2 x 4.20 x 0.825 x 2.50 =					17.33
				total	121.28 m ³

<u>7</u> (18) Removal of all type Home Pipe -					
1 x 5.00 x 1.00 x 1.00 =					5.00 m ³

<u>8</u> (19) Removal of all type Home Pipe -					
2 x 2 x 7.50 x 1.00 x 1.00 =					30.00 m ³

20/11/2024
J.C.

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u> ⑤					
1) For Foundation in excavation for foundation.					
$3 \times 2 \times 6.35 \times 1.40 \times 1.45 =$					77.34
$3 \times 1 \times 5.70 \times 1.55 \times 0.25 =$					6.63
				total:	83.97
2) For P.C.C. m-10 grade in foundation.					
$3 \times 2 \times 6.35 \times 1.40 \times 0.15 =$					8.10
3) For P.C.C. m-15 grade in foundation.					
$3 \times 2 \times 6.20 \times 0.825 \times 2.55 =$					78.26
Less P.P.C. Poles					
$3 \times \frac{82}{2} \times 0.62 \times 0.62 \times 0.65 =$					4.71
				total:	73.55
4) For Laying 100 mm dia R.C. Pipe					
— 2 —					
$3 \times 3 \times 2.50 =$					22.50
12/12/2024 J.C.					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>1</u> <u>(24)</u> Riv P.O.C m-20 grade in foundation -					
	3x1	5.29	1.55	0.250	6.73
	3x2	6.20	0.40	0.025	1.12
				total	7.85 m ²
<u>2</u> <u>(32)</u> Riv Baro fitting behind obud nestl. - do -					
	3x1	5.29	6.20	1.24	133.54
	3x1	5.29	1.55	1.24	93.39
				total	100.15 m ²
<u>3</u> <u>(13)</u> Riv Earthwork in excavation for foundation					
	1x	6.10	3.50	0.165	13.65
	2x	3.50	1.30	1.80	16.38
	4x	3.32	3.41	1.80	81.51
				total	111.54 m ²
<u>4</u> <u>(14)</u> Riv P.O.C m-10 grade in foundation.					
	1x	6.10	2.50	0.110	1.50
	4x	3.32	2.41	0.202	6.40
				total	7.90 m ²

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>35</u> 1/2 P.C. m-15 grade in foundation —					
4 x 2.92 x 2.01 x 0.20 =					4.69
4 x 2.92 x 1.91 x 0.20 =					4.46
4 x 2.92 x 1.81 x 0.20 =					4.22
4 x 2.92 x 1.71 x 0.20 =					3.99
4 x 2.92 x 1.61 x 0.20 =					3.76
4 x 2.92 x 1.51 x 0.20 =					3.52
4 x 2.92 x 1.41 x 0.20 =					3.29
4 x 2.92 x 1.31 x 0.20 =					3.06
<u>400</u> 2 x 2.50 x 0.30 x 1.50 =					2.25
					33.25 m ²
<u>6</u> 1/2 P.C. m-15 grade in foundation —					
4 x 2.92 x 0.355 x 1.95 =					17.47
<u>7</u> 1/2 P.C. m-15 grade in foundation —					
2 x 2.50 x 0.30 x 1.50 =					2.25
<u>600</u> 2 x 40 x 2.50 x 0.89 =					178.00
<u>800</u> 2 x 30 x 2.50 x 0.89 =					133.50
<u>800</u> 2 x 40 x 3.80 x 0.89 =					270.56
<u>600</u> 2 x 22 x 0.40 x 0.89 =					15.66
6 x 11 x 6.00 x 0.89 =					352.44
2 x 40 x 1.40 x 0.89 =					99.68
4 x 40 x 1.15 x 0.612 =					113.53
					1169.32

Continuation

Sum = 1.16347

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
(1/23) R/O.C. m-25					
grade in substructure					
1 x 6.00 2.50 x 0.25 =					3.75
2 x 6.00 x 2.00 x 0.25 =					6.00
4 x 6.00 x 0.10 x 0.10 =					0.24
				total	9.99 m ³
11/21/2024					
<u>Record Entry</u>					
(1/24) supply of					
to R.O.C. m-25					
for in substructure					
1 x 4.0 x 2.50 x 0.617 =					61.70
2 x 4.0 x 2.50 x 0.39 =					89.00
2 x 11 x 6.00 x 0.617 =					81.44
2 x 4.0 x 1.40 x 0.617 =					69.10
4 x 6.00 x 6.50 x 0.617 =					96.25
2 x 4 x 1.20 x 0.617 =					5.92
				total	403.41 m ³
				avg.	0.40341

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2/21) R/R R.C.C. m. 25 good in Super Structure. — do —					
1 x 2.50 x 6.00 x 0.252					3.75
2 x 2.50 x 0.25 x 0.2752					0.34
					total 4.09
18/2/2024 2.6					
Record Entry					
1/21) R/R Bore drilling behind about 200' — do —					
2 x 2.92 x 3.33 x 0.25					28.47
less. filter media					
2 x 3.38 x 0.60 x 2.252					9.13
4 x 2.32 x 0.60 x 1.952					10.86
					total 18.50
2/21) R/R laying filter media — do —					
2 x 3.38 x 0.60 x 2.252					9.13
4 x 2.32 x 0.60 x 1.952					10.86
					total 19.99
3/21) R/R Draining spouts — do —					0.40
4/21) R/R neophthal 10					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D.	
stone masonry					
— do —					32.112
$\frac{5}{16}$ Bricks masonry work in 1:3 in mortar					
2 x 6.00 x 0.5 =					2.88 m ²
$\frac{5}{17}$ Plastering with 1:4 on brickwork					
— do —					
4 x 6.00 x 0.60 =					14.40
2 x 6.00 x 0.40 =					4.80
4 x 0.40 x 0.60 =					0.96
					<u>20.16</u>
					total = 20.16 m ²
$\frac{7}{18}$ painting 200 coats on New concrete surface					
4 x 6.00 x 0.60 =					14.40
2 x 6.00 x 0.40 =					4.80
4 x 0.40 x 0.60 =					0.96
					<u>20.16</u>
					total = 20.16 m ²
$\frac{2}{20}$ Const of R.C. railing m.s. girders					
2 x 2.50 H =					5.00 m
H.S.P. 2011 R.C.					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Receipt Entry</u>					
(10) Best work in execution for foundation —					
4 x 2 m x 0.70 x 0.60 =					11.76
$\frac{2}{44}$ for laying single row of 4 pipe					
4 x 7.50 m =					30.00 m
(11) for P.C. masonry bedding — etc —					
4 x 7.00 x 0.30 x 0.25 =					2.10 m ²
(12) Brick masonry work (1:3) in parapet —					
3 x 2 x 6.20 x 0.40 x 0.60 =					8.92 m ²
(13) plastering with coat (1:4) on brick work —					
3 x 4 x 6.20 x 0.60 =					44.64
3 x 2 x 6.20 x 0.40 =					14.88
3 x 4 x 0.40 x 0.60 =					2.88
3 x 6.20 x 2 x 1.00 =					37.20
				total	99.60 m ²
(14) for Lining Guide post — etc —					24 nos.

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
7) Excavation for 100 ft for 60 x 24 ft -					
2 x 13 x 30.0 x 0.375 x 0.125 =					51.11
2 x 1 x 11.0 x 0.375 x 0.125 =					1.44
2 x 15 x 30.0 x 0.375 x 0.100 =					33.75
2 x 6 x 30.0 x 0.375 x 0.100 =					13.50
2 x 10 x 11.0 x 0.375 x 0.100 =					0.88
					Total: 100.71
8) Cost of embankment for 60 x 24 ft -					
70 ft. 100.71 =					70.50
9) Cost of C.S.B. by 100 graded material					
3 x 4.60 x 0.50 x 0.10 =					0.69
3 x 4.10 x 0.60 x 0.10 =					0.74
6 x 5.60 x 0.90 x 0.10 =					3.02
4 x 4.80 x 1.00 x 0.10 =					1.92
6 x 5.40 x 1.05 x 0.10 =					3.40
5 x 3.80 x 0.90 x 0.10 =					1.71
8 x 4.40 x 0.80 x 0.10 =					2.82
9 x 4.50 x 1.00 x 0.10 =					4.46
5 x 3.20 x 1.30 x 0.10 =					1.43
2 x 13 x 30.00 x 0.375 x 0.10 =					29.25
2 x 1 x 11.0 x 0.375 x 0.10 =					0.83
2 x 10 x 30.00 x 0.375 x 0.10 =					22.50

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
2x 11x 30.00 x 0.375 x 0.102					24.25
2x 1x 11.00 x 0.375 x 0.102					0.83
				708.00	78.3570

$\frac{24.25 + 0.83}{2} = 12.54$
 A.C.

Receding Entry

1/2 815 laying spreading

x ABM Grade - 111

2x 19x 30.00 x 0.375 x 0.025	21.94
2x 1x 11.00 x 0.375 x 0.025	0.62
10x 30.00 x 3.75 x 0.025	84.38
11x 30.00 x 3.75 x 0.025	92.81

11.00 x $\left(\frac{8.65 + 6.20 + 9.05}{3} \right) \times 0.025$	5.12
	204.8770

Perch more Quantity

CH	Dia	Area	Area	Volume
0	0	0.594	-	-
50	50	0.425	0.535	26.225
100	50	1.058	0.762	38.225
150	50	1.354	1.206	60.300
200	50	0.718	1.036	51.800
250	50	1.052	0.838	44.325
300	50	0.638	0.848	42.325
350	50	1.516	1.022	53.850
400	50	1.129	1.348	67.325

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
450 00	0.985	1.082			54.100
500 00	0.520	0.253			32.825
550 00	0.885	0.203			35.125
600 00	1.204	1.045			52.225
650 00	1.962	1.582			79.150
700 00	1.342	1.655			82.220
750 00	1.383	1.313			68.325
800 00	0.944	1.166			58.300
850 00	1.408	1.126			58.800
900 00	0.590	0.999			49.950
950 00	0.552	0.521			28.550
1000 00	1.052	0.805			40.225

1048 40	1.423	1.240			49.600
		704012			1079.825

$\frac{1}{8}$)	Cost of embankment	
	land up to 100 ft	
	80% of 1079.825 ft ²	
	80×1079.825	863.90
	100	

$\frac{2}{8}$)	Cost of embankment	
	land up to 100 ft	
	20% of 1079.825 ft ²	
	20×1079.825	215.975
	100	

15th
25/3/2024
H.E.

P.R.
05/3/24

Continuation

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
Lead up to 100 ft length					
863.90 m ² note Page (12)					
at 259.90/m ²					Rs 224528
<u>7</u> (12)	Cost of embankment -				
Lead up to 100 ft length					
215.925 m ² note Page (12)					
at 184.51/m ²					Rs 39831
<u>8</u> (13)	Cost of G.S.B				
by well graded					
98.35 m ² note Page (11)					
at 411.55/m ²					Rs 404600
<u>9</u> (14)	Gravel laying spreading & Compacting 1500 kg/m ²				
204.82 m ² note Page (11)					
at 5366.39/m ²					Rs 1099412
<u>10</u> (15)	Earth work in excavation for Foundation				
111.54 m ² note Page (19)					
11.76 m ² note Page (19)					
123.30 m ²					
at 410.66/m ²					Rs 50634
<u>11</u> (16)	Gravel 100 mm				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
grade in foundation					
7.90 m ² mdc Page (4)					
at 8820.22/m ²				4	69680
$\frac{12}{15}$ for P.C.C. m-15					
grade in foundation					
33.28 m ² mdc Page (5)					
at 8402.93/m ²				4	279643
$\frac{13}{16}$ for P.C.C. m-15 grade					
in sub-structure					
19.42 m ² mdc Page (5)					
at 8699.02/m ²				4	169320
$\frac{14}{17}$ for supplying diffing & flowing H.V.D. for.					
0.403 m ² mdc Page (6)					
at 89605.05/m ²				4	36111
$\frac{15}{18}$ for masonry work					
(1:3) in parapet					
2.88 m ² mdc Page (3)					
at 7329.49/m ²				4	21252
$\frac{16}{19}$ for plastering with cm (1:2)					
of brick work					
20.16 m ² mdc Page (8)					
at 25282/m ²				4	5199

Continuation

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Particulars	Details of actual measure			Contents of area
	No.	L	B.	
<u>17</u> <u>(20)</u> pointing two walls including inner part				
20.16 m ² wall Page (8)				
at 135.23/m ² — 12				2226
<u>18</u> <u>(21)</u> Boulding behind abundant — do —				
18.50 m ² wall Page (2)				
at 952.11/m ² — 6				12202
<u>19</u> <u>(22)</u> 110 m ² photos 17 abundant — do —				
22 m ² wall Page (2)				
at 152.01/m ² — 12				5024
<u>20</u> <u>(23)</u> 815 R.C.C. m ² 25 ground in subdivision				
9.99 m ² wall Page (5)				
at 9889.48/m ² — 12				98796
<u>21</u> <u>(24)</u> supplying 114 m ² & placing 114 m ² for —				
1.163 m ² wall Page (5)				
at 85615.61/m ² — 12				99521
<u>22</u> <u>(25)</u> 815 R.C.C. m ² 25 ground in subdivision				
19.99 m ² wall Page (2)				
at 19.984 m ² — 12				
at 4481.84/m ² — 12				89565

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
<u>23</u> <u>(21)</u> R/r Draining					
spouts - 20					
0.4 m ² note Page - (7)					
cf 854.55/cent				Rs	3418
<u>24</u> <u>(22)</u> R/r R.C.C. m-25 grade					
in Super structure					
4.09 m ² note Page - (7)					
cf 10719.14/m ²				Rs	43841
<u>25</u> <u>(23)</u> Const of R.C.C.					
mailing - 20					
5.00 m ² note Page - (8)					
cf 6621.40/m ²				Rs	33352
<u>26</u> <u>(24)</u> R/r R.C.C. m-20					
bedding - 20					
2.10 m ² note Page - (9)					
cf 522.04/m ²				Rs	1212
<u>27</u> <u>(25)</u> R/r R.C.C. m-10					
in Foundation					
83.92 m ² note Page - (9)					
cf 323.28/m ²				Rs	32184
<u>28</u> <u>(26)</u> R/r R.C.C. m-10					
in Foundation					
8.20 m ² note Page - (9)					
cf 8482.81/m ²				Rs	67862

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L	B	D.	
27 28) P.V. 1 c.c. m-15 grade in foundation -					
23.55 m ² vide Page (3)					
Limit - 22.53 m ²					
el 8021.56/m ² — b					593502
28 29) P.V. laying 100 mm dia R.C.C. pile					
22.50 m ² vide Page (3)					
el 7530.40/m ² — b					169434
29 30) P.V. 1 c.c. m-20 in foundation -					
7.85 m ² vide Page (4)					
Limit - 7.82 m ²					
el 8793.14/m ² — b					60850
30 31) Backfilling taking about wall -					
100.15 m ² vide Page (4)					
el 9081.29/m ² — b					90965 44249
31 32) Bricks masonry work in parapet -					
8.93 m ² vide Page (4)					
el 8959.60/m ² — b					62149
32 33) Plastering with cor (1:4) on masonry					
99.60 m ² vide Page (4)					
el 245.12/m ² — b					24414

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
32 (140) 1st & 2nd floor concrete 2nd - do - 24 nos. vol. Page (2) at 719.22/m ³ — b 12256					
33 (141) Dismantling of R.C.C. structure - 4.37 m ² vol. Page (2) at 658.99/m ² — b 2880 26511					
34 (142) Dismantling of R.C.C. structure - do - 2.52 m ² vol. Page (2) at 1649.22/m ² — b 4156					
35 (143) Dismantling of Brick masonry 121.28 m ² vol. Page (2) at 467.35/m ² — b 56680					
36 (144) Removing of all type bamboo Home Pipe - 5.00 m ² vol. Page (2) at 240.74/m ² — b 1204					
37 (145) Removing of all type Home Pipes 30.00 m ² vol. Page (2) at 336.35/m ² Continuation b 10091					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
$\frac{39}{44}$	815	18419	R.O.C		
	P. 8c	—	—	—	
30.00 H	made	Page	(19)		
pk 883	69/7			Rs	26511
				Rs.	4077322
Add GST 18.1.				Rs	733918
Add L. Rev 1.4.				Rs	40773
Add S. Rev				Rs	60640
				Rs	4912653
Less 6102 H. 10.10.10				Rs	983
				Rs	4911670

8/10/2024
P.C.

(P.C.)
6/10/2024

Continuation