

Schedule XLV Form No. 134.

Executive Engineer
R.W.D (W), Division

Arwal

DIVISION

10/2/2019

SUB-DIVISION

876

Measurement Book

प्रमाणित किया जाता है कि इस मशीन
पुस्तक में मशीन का वजन 100
(सा) पुस्तक की दायीं ओर दिया गया

Schedule PLV-Form No. 134

NOTES

REFERENCE TO R.W.A. CODE, CHPI.VII
Para 30 & 31

1. In recording detailed measurements the following general instructions should be carefully observed:

(a) Subject to such subsidiary orders as may be laid down by the local Government detailed measurements should be recorded only by Executive or Assistant Engineers or by Executive subordinates in-charges of work to whom measurement books have been supplied by the Executive Engineer for the purpose.

(b) All measurements should be bear taken down in a measurement book Form 23, issued for the purpose, no where else.

(c) Each set of measurement should commence with entries stating —

(i) In the case of bills for work done :-

- (a) Full name of work as given in estimate
- (b) Situation of work
- (c) Name of contractor.
- (d) Number and date of his agreement and
- (e) Date of measurement

(ii) In case of bills for supply for materials :-

- (a) Name of Supplier
- (b) Number and date of his agreement for order,
- (c) Purpose of supply in one of the following forms applicable of the case —
 - (i) "Stock" (for all supply for stock purpose)
 - (ii) "Purchase" for direct issue to the work (full name of work as given in estimate may be mentioned)
 - (ii) "Purchase" for (full name of work as given in estimate) issued to contractor

1st on the Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work - Growth & Syms Maintl. of the Road from Kishor Kustha Road to Bishnu Bigha					
By Agency - n/s Mughal Engineering Works Agreement no. - 07/MBB/2023-24 Agreement value ₹ 489,561.00 Date of w/order - 13.10.2023 Date of Completion - 12.07.2024 Date of Measurement - 12.07.2024					
Work Done					
① R-100 - reflectorised Traffic Signs. Providing and erecting direction and placing identification - do - do as per specifica- tion & dir. of EP.					
2 Nos. $\times 1.20 \text{ m} \times 0.80 \text{ m} = 1.92 \text{ m}^2$					
② Providing and fixing of road stud markers dia - do - do as per specifications dir. of EP.					
Qty = 78 Nos.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of Bsf					
① Clearing and grubbing road land	do				
do - vide MBSR ①					
0.24 Hect.	@ ₹ 72697.86/Hect.				₹ 17447.48
② Construction of sub-grade and earthen shoulder	do				
do - vide MBSR-①②					
428.25 m ³	@ ₹ 263.53/m ³				₹ 112856.72
③ Providing, laying, spreading & compacting stone	do				
do - do - vide MBSR-②					
32.119 m ³	@ ₹ 3884.70/m ³				₹ 124772.67
④ Providing & applying primer coat with bitumen emulsion (RS-1)	do				
do - vide MBSR-⑧					
428.24 m ²	@ ₹ 60.73/m ²				₹ 26007.01
⑤ Providing and applying tack coat with bitumen emulsion (RS-1) - do	do				
do - vide MBSR-⑩⑪					
2385.667 m ²	@ ₹ 20.84/m ²				₹ 49788.87
do -					₹ 330872.75

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				86.5	930872.75
(6) Providing, laying & rolling of close-graded premix carpet do					
vide MBB-(11)					
2385.667 m ² @ ₹ 258.31/m ² ₹					616241.64
(7) Providing & applying tack coat with bitumen emulsion (RS-1) do					
vide MBB-(13) (14)					
3339.134 m ² @ ₹ 17.42/m ² ₹					58167.71
(8) Providing and laying semi-dense bituminous concrete do					
vide MBB-(14)					
83.478 m ³ @ ₹ 13429.64/m ³ ₹					1121079.48
(9) Construction of dry lean cement concrete do					
vide MBB-(7)					
2.25 m ³ @ ₹ 3978.16/m ³ ₹					8950.86
(10) Construction of Paved concrete do					
vide MBB-(9)					
75.75 m ³ @ ₹ 8250.19/m ³ ₹					624951.89
					C.D. ₹ 2760264.53

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				188.5	2760264.33
(11) RCC M15 grade					
12 Kilometre				do	
				vide TMBP - (12)	
(i) Ordinary Km Stone					
03 Nos.				@ ₹ 2709.71/Each	₹ 8129.13
(ii) 200 m Stone					
04 Nos.				@ ₹ 777.16/Each	₹ 3108.64
(12) Providing and erecting					
13 direction & place					
identification retro-					
reflectors - do					
				vide TMBP - (15)	
1.92 m ²				@ ₹ 14743.82/m ²	₹ 28308.13
(13) Providing & fixing					
14 of road side					
do					
				vide TMBP - (15)	
78 Nos.				@ ₹ 283.40/Each	₹ 25813.20
(14) Supplying and installation					
15 of delineators - do					
				vide TMBP - (16)	
40 Nos.				@ ₹ 1204.26/Each	₹ 48220.40
(15) RCC M15 grade					
17 boundary Pillar					
do					
				vide TMBP - (8)	
80 Nos.				@ ₹ 650.54/Each	₹ 52043.20
Continuation					₹ 2925957.03

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					186.22925757.03
(16) Providing and fixing retro-reflectors, cautionary, mandatory and informatory signs					
do					
vide spec (16)					
(i) 600mm equilateral triangle					
08 Nos.					@ ₹ 4285.52/Each ₹ 34284.16
(ii) 600mm Circular					
04 Nos.					@ ₹ 4204.25/Each ₹ 16817.00
(iii) 600mm x 450mm rectangular					do
06 Nos.					@ ₹ 4060.51/Each ₹ 24363.06
(iv) 900mm side Pentagon					
01 Nos.					@ ₹ 8505.25/Each ₹ 8505.25
(17) Planting of trees					
19 by the road side					
do					
vide spec (16)					
35 Nos.					@ ₹ 1201.50/Each ₹ 42052.50
(18) Providing and laying of Bit applied thermoplastic					
do					
vide spec (17)					
(i) & (ii) Bit Surface					
182.95 m ²					@ ₹ 825.75/m ² ₹ 151070.96
(iii) CC Pavement surface					
39.68 m ²					@ ₹ 926.38/m ² ₹ 36758.75
					GO. ₹ 3239808.71

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) P/R of typical MMBP	21				2239808.71
informationary sign board					
to					
vide TMBP-①					
03 NOS.					
@ ₹10510.94/each					31532.82
(20) E/W in excavation	22				
for four do do					
vide TMBP-④					
29.80 m ³					
@ ₹383.28/m ³					11421.74
(21) Providing RCC MB	23				
in tank do					
2.709 m ³					
vide TMBP-④					
1.861 "					
" " R-⑥					
4.571 "					
@ ₹6157.88/m ³					28150.65
(22) Providing RCC MB	24				
in tank do					
15.867 m ³					
vide TMBP-④⑤					
16.904 "					
" " R-⑥					
32.771 m ³					
@ ₹7090.57/m ³					218318.65
admit 30.77 m ³					
(23) Providing & Laying	26				
RCC MB-4 Pipe do					
vide TMBP-⑦					
7.50 m					
@ ₹6666.79/m					50000.92
(24) Painting Juro Coat	25				
over primer coat					
do					
vide TMBP-⑦					
78.68 m ²					
@ ₹126.32/m ²					9938.85
C.O. ₹ 3589172.34					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					5589172.34
(25) Plastering with CM(1:4)					
27 do					
					vide T.M.B. (5)
58.04 m ²					AT 201.07/m ² ₹ 11670.10
(26) Brick masonry work					
28 with CM(1:3) do					
					vide T.M.B. (5)
6.264 m ³					AT 5920.44/m ³ ₹ 37085.62
(27) Providing & laying					
29 R.C. Pipe bottom					
do do					
					vide T.M.B. (2)
20 m					AT 981.70/m ₹ 19634.10
(28) Dismantling of					
existing structure					
do					
					vide T.M.B. (2)
(29) Cement Concrete					
30					
1.77 m ³					AT 664.58/m ³ ₹ 1176.30
(30) Cement Mortar					
31					
39.60 m ³					AT 314.04/m ³ ₹ 12425.98
(29) Removing all type					
32 of House Pipes					
do					
					vide T.M.B. (2) (5)
10.0 m					AT 326.35/m ₹ 3263.50
					C.D. ₹ 3674537.85

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				38.7	3674537.85
Add 18% GST				74	661416.81
Add 01% Lab. Cess				74	36745.37
Add 10% Leigniorage Fee				74	20044.38
				Total ₹	4392744.41
Less 10% W.P. Fee				74	439274.44
				Net payable ₹	3953470.00
				3/200	
				12/2/22	
				56 months	