

PMGSY, WB-19, CHAPRA-2/01

PM.B.NO-3441

Schedule XLV-Form No. 134

पूरे से उपरिवा तक पर

पत्राचार 11/11/20-114/SBD/2020-21

आपक - भी राजा 11/11/20

भी बिना 11/11/20 पर

जो 11/11/20

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

PM.B.NO-3441

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Construction of Road from Puchheri to Bheriwariya Under munsy (W.B) ad - block talabw.					
N/Agency - Sri Rajbhushan Singh					
Aggr. No - 114/SBD/2020-21					
Date of Start - 30.03.2021					
Date of Completion - 29.03.2022					
Date of Measurement - 10.02.2022					
Items of works -					
① clearing & grubbing of road land.					
$2 \times 5 \times 30.00 \text{ m} \times 2.00 \text{ m} = 600.00 \text{ m}^2$					
$2 \times 4 \times 30.00 \text{ m} \times 2.00 \text{ m} = 240.00 \text{ m}^2$					
$2 \times 1 \times 26.00 \text{ m} \times 2.00 \text{ m} = 104.00 \text{ m}^2$					
Total = 944.00 m ²					
= 0.094 Hect.					
② Box cutting - Excavation for roadway in soil using manual					
For B.T. work					
$2 \times 10 \times 30.00 \text{ m} \times 0.50 \text{ m} \times 0.10 \text{ m} = 30.00 \text{ m}^3$					
$2 \times 10 \times 30.00 \text{ m} \times 0.50 \text{ m} \times 0.10 \text{ m} = 30.00 \text{ m}^3$					
$2 \times 10 \times 30.00 \text{ m} \times 0.50 \text{ m} \times 0.10 \text{ m} = 30.00 \text{ m}^3$					
$2 \times 10 \times 30.00 \text{ m} \times 0.50 \text{ m} \times 0.10 \text{ m} = 30.00 \text{ m}^3$					
Qty 40 = 120.00 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Qty BIF =	120.00 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	1x6.10 m	x	0.520 m	x	0.10 m = 0.60 m ²
				Total =	180.86 m ²

③ Construction of granular sub-base by partially well graded material.

In box cutting.					
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	10x30.10 m	x	0.520 m	x	0.10 m = 30.10 m ²
2x	1x6.10 m	x	0.520 m	x	0.10 m = 0.60 m ²

For profile correction

5x	4.90 m	x	3.050 m	x	0.10 m = 7.47 m ²
6x	5.20 m	x	2.50 m	x	0.10 m = 7.80 m ²
5x	6.50 m	x	2.75 m	x	0.10 m = 8.93 m ²
12x	4.10 m	x	1.80 m	x	0.10 m = 8.64 m ²
10x	6.10 m	x	1.50 m	x	0.10 m = 9.10 m ²
6x	5.10 m	x	2.45 m	x	0.10 m = 7.35 m ²
5x	3.80 m	x	2.70 m	x	0.10 m = 5.13 m ²

In full width

1x	10x30.10 m	x	4.050 m	x	0.10 m = 12.50 m ²
1x	10x30.10 m	x	4.050 m	x	0.10 m = 12.50 m ²

Qty of = 477.38 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty B/F =		477.38 m ²
1x	10x30.00m	4.050m	0.10m		= 121.50 m ²
1x	10x30.00m	4.050m	0.10m		= 121.50 m ²
1x	10x30.00m	4.050m	0.10m		= 121.50 m ²
1x	10x30.00m	4.050m	0.10m		= 121.50 m ²
1x	1x6.00m	4.050m	0.10m		= 2.43 m ²
Extra for H-curve					
5x	6.00m	0.550m	0.10m		= 1.74 m ²
6x	5.60m	0.60m	0.10m		= 2.01 m ²
4x	6.00m	0.550m	0.10m		= 1.32 m ²
6x	5.80m	0.550m	0.10m		= 1.91 m ²
8x	5.50m	0.60m	0.10m		= 2.64 m ²
6x	5.70m	0.550m	0.10m		= 1.88 m ²
5x	6.00m	0.560m	0.10m		= 1.68 m ²
6x	5.80m	0.550m	0.10m		= 1.91 m ²
5x	5.60m	0.60m	0.10m		= 1.68 m ²
6x	5.85m	0.500m	0.10m		= 1.75 m ²
2x	4.20m	2.50m	0.10m		= 2.10 m ²
			Total =		984.69 m ²
			Min =		986.43 m ²
(4) P.V., Laying, Spreading & Compacting of WBM-3					
For B.T. for 1st cut:					
1x	10x30.00m	3.75m	0.075m		= 84.37 m ²
1x	10x30.00m	3.75m	0.075m		= 84.37 m ²
1x	10x30.00m	3.75m	0.075m		= 84.37 m ²
1x	10x30.00m	3.75m	0.075m		= 84.37 m ²
			Qty C/O =		337.48 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Qty B/F =	337.48 m ²
1 x 10 x 30.00 m x			3.75 m x 0.075 m =		84.37 m ²
1 x 10 x 30.00 m x			3.75 m x 0.075 m =		84.37 m ²
1 x 1 x 6.00 m x			3.75 m x 0.075 m =		1.68 m ²
Extra for masonry (H-cum)					
5 x 6.00 m x 0.520 m x 0.075 m =					1.12 m ²
6 x 5.60 m x 0.550 m x 0.075 m =					1.38 m ²
4 x 6.00 m x 0.520 m x 0.075 m =					0.90 m ²
6 x 5.80 m x 0.520 m x 0.075 m =					1.30 m ²
8 x 5.50 m x 0.520 m x 0.075 m =					1.65 m ²
6 x 5.70 m x 0.520 m x 0.075 m =					1.28 m ²
5 x 6.00 m x 0.520 m x 0.075 m =					1.12 m ²
6 x 5.80 m x 0.520 m x 0.075 m =					1.30 m ²
5 x 5.60 m x 0.520 m x 0.075 m =					1.05 m ²
6 x 5.80 m x 0.520 m x 0.075 m =					1.30 m²
2 x 4.20 m x 2.50 m x 0.075 m =					1.57 m ²
Total =					520.57 m ²
Qty masonry =					519.14 m ²
M/M					
10/02/22					
(J-E)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost-</u>					
1. plr & fixing of working Bench mark pillars.					
2.91 Km, vide Tmbl-8					
① Rs 6000=0/Km — Rs					17,460=00
2. plr & fixing of reference pillars.					
2.91 Km, vide Tmbl-8					
① Rs 600=0/Km — Rs					1746=00
3. clearing & grubbing of road land.					
1.044 Hect, vide Tmbl-8					
0.094 Hect, vide Tmbl-13					
1.138 Hect,					
① Rs 60,000=0/Hect — Rs					68,280=00
4. Excavation for roadwork in soil using manual meas.					
157.50 m ³ , vide Tmbl-8					
180.06 m ³ , vide Tmbl-14					
337.56 m ³					
① Rs 180=0/m ³ — Rs					60,761=00
					40 Rs 1,48,247=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	Rs	1,48,247=00
5(i)					
5					
Construction of embankment -					
- met with material					
obtained from borrow					
pits with a level					
upto 1000m.					
502.56 m ³ , vide TMBP-8					
① Rs 250 = 0/m ³ - Rs					1,25,640
5(ii)					
6					
Construction of embankment					
met with material					
obtained from borrow					
pits with a level					
upto 100 m.					
1553.39 m ³ , vide TMBP-9					
① Rs 270 = 0/m ³ - Rs					4,19,469200
6/13					
Construction of granule					
sub-base by providing					
well graded material.					
160.35 m ³ , vide TMBP-9					
① Rs 3520 = 0/m ³ - Rs					5,61,225200
7					
14					
Placing, spreading					
& Compacting of WBM-3					
143.22 m ³ , vide TMBP-9					
① Rs 3800 = 0/m ³ - Rs					5,44,236=00
				40 Rs	17,98,817=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	PS	17,98,817 = 0
8/15. Construction of un-rain-fared plain curb					
Concrete Pavement (Paved Concrete) as per technical specification.					
190.98 m ² , vide TMBP-9					
① PS 8000 = 0/m ² - PS					15,27,840 = 0
9/12. Plr. P.C.C mis grade in sub-structure (drain portion)					
145.90 m ² , vide TMBP-10					
② PS 6200 = 0/m ² - PS					9,04,580 = 0
10/8. Construction of gravel sub-base by properly well graded material.					
323.51 m ² , vide TMBP-10					
986.43 m ² , vide TMBP-15					
1309.94 m ² ,					
③ PS 3500 = 0/m ² - PS					45,84,790 = 0
11/9. Plr, laying, spreading & Compaction of WBM-3					
171.08 m ² , vide TMBP-10					
520.57 m ² , vide TMBP-16					
691.65 m ²					
Qty. WBM = 690.22 m ³					
④ PS 3800 = 0/m ² - PS					26,12,836 = 0
⑤ PS 1,14,38,863 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B16	Rs 1,14,38,863=	co
			Total	Rs 1,14,38,863=	co
			Addy 1% L.C. + B	1,14,389=	co
			Addy 12% GST + B	13,72,664=	co
			Addy S. Fee, + B	1,82,000=	co
			Total	Rs 1,31,07,916=	co
			Less Previous payment	Rs 67,52,400=	co
			Net payable amount	Rs 63,55,516=	co
			(Rupees sixty three Lakh,		
			fifty five thousand, five		

hundred) & sixteen) only.

mm
10/02/22
(J.E)

Continuation