

order of Director 10/5/21

Shedule XLV Form No. 134.

Executive Engineer

P.W.D (W), Division

for approval.

DIVISION

KALBEER

SUB-DIVISION

Measurement Book

695

प्रमाणित किया जाता है कि इस मापी-पु/रक
में मजदूरी आदिगत रुक (100) का प्रकट है इसी-
मालिकदारद्वारा

Sch. XLV-Form No. 134

NOTES

REFERENCE TO P.W.A CODE CHRI. VII

Paras 39 & 81

1.

2. In recording detailed measurements, the following general instruction should be carefully observed.

[a] Subject to such subsidiary orders as may be laid down by the local Government detailed measurement should be recorded only by Executive or Assistant Engineer or by Executive subordinate in-charge or work to whom measurement book have been supplied to the Executive Engineer for the purpose :

[b] All measurements should be neatly taken down in a measurement book Form 23, issued for the purpose in 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.
- (c) Number and date of his agreement, and
- (d) Date of measurement.

[ii] In the case of bills for supply of 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 to the case—

[i] "Stock" [ii] "Purchase for direct issue to
[here entry full name of work as given to estimate]

[iii] "Purchases" or [here enter full name of work as given in estimate]

_____ Issued to contractor _____
_____ on _____ an

1st 9/10 Bill

Record measurement

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:-	Construction of repair				road from Kales to Gishker Bisha.
	road from Kales to				
	Gishker Bisha.				
Agreement no's	26/11/30/MR-Now/Now-21				
Agency name:	Maa Karm Khin Co. & Co.				
Date of commencement:	03/8/2020				
Date of completion:-	2/5/2021				
Date of entry:-	8/4/2021				

1. Clearing and grubbing road					
land (by manual means) to					
$2 \times 25 \times 30.00 \times 1.00 = 1500.00 \text{ m}^2$					
$2 \times 25 \times 30.00 \times 1.00 = 1500.00 \text{ m}^2$					
$2 \times 15 \times 30.00 \times 1.00 = 900.00 \text{ m}^2$					
$= 3900.00 \text{ m}^2$					
0.39 Hect					
2. Excavation for road work in					
soil with hydraulic excavator					
to 2b					
$2 \times 30 \times 30.00 \times 3.5 \times 1.75 = 110.25 \text{ m}^2$					
$2 \times 30 \times 30.00 \times 3.5 \times 1.75 = 110.25 \text{ m}^2$					
$2 \times 5 \times 30.00 \times 3.5 \times 1.75 = 18.375 \text{ m}^2$					
$2 \times 1 \times 28.00 \times 3.5 \times 1.75 = 3.43 \text{ m}^2$					
$= 242.305 \text{ m}^2$					

Continuation

Abstract of cost

Estt of C.B.M.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Clearing and grubbing and land including uprooting etc					
Qty vide item no. (1) Page 1					
				0.39 Hect	
				@ Rs 51133.76/Hect	19,942.00
2. Excavation for road work in Soil with hydraulic job					
Qty vide item no. (2) Page 1					
				242.35 m ²	
				@ Rs 74.16/m ²	17,969.00
3. Construction of sub grade and earthen shoulder 3 ft					
Qty vide item no. (3) Page 1					
				1111.50 m ²	
				@ Rs 161.56/m ²	179,574.00
4. Const of granular sub-base					
by blr well graded material					
Qty vide item no. (4) Page 2					
Qty vide item no. (4) Page 2					
				62.59 m ²	
				138.46 m ²	
				201.05 m ²	
				Limit 200.00 m ²	
				@ Rs 1828.52/m ²	3,66,911.00
5. Plu laying spreading and compacting stone aggregate job					
Qty vide item no. (5) Page 3					
				23.99 m ²	
				Limit 23.80 m ²	
				@ Rs 3220.93/m ²	76,658.00
6. Plu laying spreading and compacting stone aggregate job					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide item no (6) Pqem 5					
Limit $249.929 m^2$					731706
@ B 2984.85/m ² B					731706-00
7/8 P.V. and abutment prime coat					731720
with bitumen emulsion (SS-1)					
Job					
Qty vide item no (7) Pqem 5					
Limit $3172.893 m^2$					
@ B 44.73/m ² B					1,40,777-00
8/8 P.V. and abutment tack coat					
with bitumen emulsion (SS-1)					
Job					
Qty vide item no (8) Pqem 5					
Limit $4018.61 m^2$					
Qty vide item no (10) Pqem 7					
Limit $7345.95 m^2$					
Limit $11,364.06 m^2$					
@ B 15.21/m ² B					1,72,847-00
9/9 P.V. mix seal surface layer					
and rolling of close gradet					
brmix Job					
Qty vide item no (9) Pqem 6					
Limit $4018.61 m^2$					
Limit $4018.61 m^2$					
@ B 190.71/m ² B					780,974-00
10/10 P.V. and layer Semi dense					
bituminous concrete with Job					
Qty vide item no (11) Pqem 8					
Limit $1830.869 m^2$					

Continuation

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Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
					CB 9828.15/m ² B. 18,070.22 m
11. Content of un-surfaced cement					
thickness					
Qty vide item no (12) Part 8					
				30.00 m ²	
					CB 5359.41/m ² B. 1,60,782 m
12. Reinforced cement concrete M15					
1. State Kilometer local stone job					
(i) 5th km stone					
Qty vide item no (1) Part 9					
				1 nos	
					CB 304.13/m ² B. 3194 m
13. (ii) Km stone					
Qty vide item no 15 (ii) Part 9					
				3 nos	
					CB 1870.43/m ² B. 5,611 m
4 (iii) 2nd km stone					
Qty vide item no 15 (iii) Part 9					
				7 nos	
					CB 532.77/m ² B. 3729 m
5 plus and fixed of sub-reflect					
Conditioned					
i) 600 mm equivalent width					
Qty vide item no 16 (i) Part 9					
				6 nos	
					CB 2961.52/m ² B. 17769 m
(ii) 600 mm equivalent					
Qty vide item no 16 (ii) Part 9					
				4 nos	
					CB 3065.44/m ² B. 12,278 m

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17 (iii) 600mm x 450mm rectangular str wide item w. 16 (iii) per 9 = 4 nos @ 2561.85 m ² 11,847.00					
18. Reinforced Cement concrete 115 grade boundary pillars str wide item (7) per 9 = 25 nos @ 478.72 m ² 11,968.00					
19. Plu planting of trees by the road side 5/6 str wide item (18) per 9 = 53 nos @ 818.84 m ² 43,398.00					
20. Plu at height of 1.2m of hot rolled thermo plastic contents 1/6 str wide item (14) per 2 = 395.60 m ² @ 735.41 m ² 2,90,940.00					
21. Plu at fixing of typical 1/3 information sign board str wide item (19) per 9 = 3 nos @ 8803.41 m ² 26,410.23 @ 8829.56 m ² 26,490.00					
22. Plu Brick masonry in c.m. (1/5) boundary 1/6 str wide item w. 20 per 10					

Continuation

C. continuations

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			2.88	✓	
			CB 5174.62	14,903.00	
23. Plastering with Cement -					
masonry (1.54) 506					
867 wide item (21) Page 10					
			20.16		
			CB 130571	2632.00	
24. Painting two coats with raw					
prime coat					
867 wide item (22) Page 10					
			58.56		
			CB 96.99	5680.00	
			B. 49,53,874	49,53,874	
At a cost 12% As 5,88,688.00					
At LC 1% As 5,88,688.00					
554 2318 B. 5,54,318.00					
Seigniorage fee B. 35,907.00					
			B. 55,79,318.00	55,79,318.00	
less 11.21% below as 557,922.50					
per agreement (2) 6,25,443.00					
			B. 49,53,874.00	49,53,874.00	
			495,3794	495,3794	
			8/4/2021	JE	
			8/4/21	E	
			2.5	2.5	

Continuation