

NABARD

Bandhu char te Gangachak Rojia

Schedule XLV-Form No. 134

2553

EE Kooj (co) Tehansbad **DIVISION**

AE Kooj (co) Karko **SUB-DIVISION**

2553

Measurement Book

Sch. XLV-Form No. 134

EE. Koy (w) Div. Jehumaf DIVISION

AE. Koy (w) Div. Keko. SUB-DIVISION

Measurement Book

No. 2553

Name of Officer _____

Date of first entry _____

Date of last entry _____

प्रमाणित किया जाता है कि इस मापी
पुस्तिका में मयरी अंकित कुल 100 (सौ)
पृष्ठों में से जयपुर के माप के मापक
अधिकतर, काला का निगम के माप
जाता है

Schedule PLV-Form No. 134

NOTES

REFERENCE TO P.W.A. CODE CHPL. VII
Paras 30 & 31

- In recording detailed measurements, the following general instruction should be carefully observed:-
- Subject to such subsidiary orders as may be laid down by the local Government detailed measurement should be recorded only by Executive of Assistant Engineer or by Executive subordinate in-charges or work to whom measurement books have been supplied by the Executive Engineer for the purpose:
 - All measurements should be neatly taken down in a measurement book Form 23, issued for the purpose in where else.
 - Each set of measurement should commend with entires stating—
 - In the case of bills for work done :-
 - Full name of work as given in estimate
 - Situation of work (c) Name of contractor.
 - Number and date of his agreement and
 - Date of measurement.
 - Stock (ii) "Purchase" for direct issue to (here entry full name of work as given to estimate)
 - "Purchase" of (here enter full name of work as given in estimate) issued to contractor on and
 - Date of measurements and should end with the Paid initials of the officer marking the measurement, see also paragraphy 24, A suitable abstract should than

be prepared which/ Should collect in the case of measurements for work done the total quantities of each district item of work relating to each sanstioned Sub-head.

- As all payment for work suppliers are based on the quantities recorded in the measurement book it is incumbent upon the person taking the measurements to record the quantities clearly and accurately. If measurements are taken in connection with a running contract account on which work has been previously measured he is further responsible (1) that reference to the late set of measurement is recorded and (2) that if the entire job or contract has been completed the fact is recorded prominently just above his initials.
- Entires should be recored counously in the measurement book No. blank pages may be left and no page be tum out. Any page left in adveltenly must be cancelled by diagonal lines. The cancellation being attested. See also paragraphy 335 or the Public Work Department Code.
- No entry may be erased of a mistake is made it should be corrected in (and dated) by the responsible officer in the manner prescribed in paragraph 335 of the Public Work Department Code. When any measurement are cancelled the cancellation, must be supported by the dated initials of the officer ordering the cancellation or by a reference to his measurements in either case the reason for cancellation should be provided with an index which should be kept up to data.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work	Construction				
of road from village Bandhu -					
Chak to Gangachak.					
Agency	Jaimata Ji Enterprises				
Kansara Road.					
Ag No	35 SB 21 2018-19				
Date of Entry:- 24.12.20					
60mm dia H.P.C. Curb					
① E/W Excavation in foundation					
26 do do -					
$2 \times 4.1m \times 1.15 \times 1.5 = 14.45$					
$belm pipe 1 \times 0.3 \times 1.13 \times 0.365 = 2.207$					
					<u>16.34</u>
② Providing P.C.C. 1:1:5 in					
27 Heel wall do do -					
$2 \times 4.1 \times 1.15 \times 0.15 = 1.41 m^3$					
$1 \times 5.3 \times 1.13 \times 0.15 = 0.89$					
					<u>2.30 m³</u>
③ Brick masonry work					
28 in (1:1) in heel wall					
do do -					
$2 \times 4.1 \times 1.0 + 0.4 \times 2.18 = 12.51$					
<u>2</u>					
Finaper $2 \times 4.1 \times 0.4 \times 1.0 = 1.64$					
less for pipe					
$2 \times 0.785 \times 0.83^2 \times 0.53 = (-) 0.574$					

Continuation

Atul
24.12.20
26

24/12/20

13.584 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Providing and tying					
<u>35</u> R.C.C Pipe 4p3 done					
		3 X 2.5m =			7.5m
(5) Plastering with cm					
<u>30</u> (1:4) do do —					
		2 X 4.1 X 3.150 =			25.42
		2 X 4.1 X 0.6 =			4.92
		top 2 X 4.1 X 4.1 X 0.4 =			3.28m ²
		Area			
		End 4 X 0.4 X 0.60 =			0.96m ²
		1.25 Pipe 2 X 0.785 X 0.83 ² =			(-) 1.08
					<u>33.5m²</u>
(6) Providing 1.5mm cement					
<u>31</u> punning done					
		2 X 4.1 X 0.40 =			3.28m ²
		4 X 0.40 X 0.60 =			0.96
		2 X 4.1 X 0.60 =			4.92
					<u>9.16m²</u>
		Area			
(7) Providing & fixing					
<u>18</u> of Km post done					
					340
(8) Providing and					
<u>19</u> fixing of 200m					
		Post done —			8 No

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of entry: 25-12-20					
(13)	Construction of				
(7+8)	embankment with				
	approved material				
	obtained from				
	borrow pits lands				
Ch -	L	C/A	m/A	-	Volume
0-00m	0-0	6.602	-	-	-
50-0	50-0	6.070	6.336	-	316.800
100-0	50-0	5.055	5.563	-	278.125
150-0	50-0	5.013	5.034	-	251.700
200-0	50-0	5.176	5.095	-	254.725
250-0	50-0	4.961	5.079	-	253.925
					1355.3
300-0	50-0	5.417	5.199	-	259.950
350-0	50-0	5.679	5.648	-	282.400
400-0	50-0	5.566	5.722	-	286.125
450-0	50-0	5.413	5.990	-	274.475
500-0	50-0	5.698	5.550	-	277.775
550-0	50-0	6.400	6.049	-	302.450
600-0	50-0	7.050	6.728	-	336.250
650-0	50-0	6.161	6.606	-	330.275
700-0	50-0	7.800	6.985	-	349.125
750-0	50-0	7.332	7.568	-	378.400
800-0	50-0	6.831	7.082	-	354.075
850-0	50-0	6.125	6.483	-	324.150
900-0	50-0	6.414	6.275	-	313.725
950-0	50-0	5.955	6.185	-	309.225

Continuation

5733.70

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13A		5.933			
1000.0	50.0	6.337	6.146	—	307.360
1050.0	50.0	6.258	6.298	—	314.875
1100.0	50.0	6.925	6.592	—	329.575
1150.0	50.0	5.881	6.403	—	320.150
1200.0	50.0	6.316	6.099	—	304.925
1250.0	50.0	7.242	6.729	—	338.950
1300.0	50.0	7.735	7.489	—	374.425
1350.0	50.0	7.868	7.812	—	390.575
1400.0	50.0	6.945	7.415	—	370.825
1450.0	50.0	6.353	7.649	—	382.450
1500.0	50.0	5.775	7.064	—	353.200
1550.0	50.0	5.472	5.624	—	281.175
					9802.125
1600.0	50.0	5.604	5.538	—	276.900
1650.0	50.0	5.490	5.547	—	277.350
1700.0	50.0	5.536	5.528	—	276.150
Link road					10632.525 (A)
0-00	0.00	1.465	—	—	—
50.00	50.0	1.480	1.475	—	73.625
100.00	50.0	1.518	1.499	—	74.950
150.00	50.0	1.503	1.511	—	75.525
200.00	50.0	1.507	1.505	—	75.250
250.00	50.0	1.754	1.621	—	81.525
283.0	33.0	5.556	3.655	—	120.615
					501.490 (B)
TOTAL (A+B)					11134.050 (B)

Continuation

[illegible]

ABSTRACT OF GST

NAWARD

67

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of					
road from Bandha chak to					
Gangachak Rajia per					
Agency:- Jai mata or enterpriser					
Kansara Arwal.					
Agno 35 SB/2018-19					
① Providing and fixing					
of bench mark pillar					
do do vide item 10					
1 P. No 54 — 2 No					
@Rs 3491.81 each — Rs 6984=					
② Providing and fixing					
of reference pillar					
do do vide item 10					
2 P. No 54 — 8 No					
@Rs 1588.47 each — Rs 12708=					
③ Clearing & Grubbing					
3 of road land do do					
vide item 10 3					
P. No 54 — 1.3443/					
@Rs 47781.90/ha — Rs 64185=					
④ Strengthening of Existing					
4 Structure do do vide					
item 10 4 P. No 54					
— 121.31 m ³					
@Rs 215.42/m ³ — Rs 26133=					

Continuation

110010

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ 5	Grsmnt long of Existing structure do do				
	vide item no 5 p. 40				
	54	—	3.9843		
	@Rs 458.10/m ³ —				R 1805.0
⑥ 6	Removal of all types of Hume Pipes do do vide item no 6 p. 40				
	54	—	35.02		
	@Rs 165.34/m —				R 5717.0
⑦ 7	Construction of embankment with				
	vide item no 13 (c)				
	P. no 64 to 66	—	566.84		
	@Rs 146.29/m ³ —				R 82930.0
⑧ 8	Construction of embankment with material (L.C.)				
	item do do vide item no 13 (c) p. 40				
	64 to 66	—	2869.76		
	@Rs 125.02/m ³ —				R 361278.0
⑨ 9	Construction of subgrade & earthen shoulder do do				
	vide item no 9 p. 40				
	55	—	5001.23		
⇒ item no. 12	p. 40 63 —				378.96
Continuation					
	@Rs 185.44/m ³ —				R 5380.19
					R 997702.0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) 10	Construction of G.S.B.				
	by well graded				
	material do do				
	vide item No 10				
	P.No 55 - 1363.64				
	@ Rs 1896.31/m ³ —				R 2585884.00
(11) 11	Providing & Laying				
	W.B.M or III class				
	vide item No 11				
	P.No 55 - 480.41				
	@ Rs 2797.51/m ³ —				R 1343957.00
(12) 12	Providing & applying				
	Prime coat do do				
	P.No 55 - 6405.495				
	@ Rs 45.12/m ² —				R 289016.00
(13) 13	Providing & applying				
	Base coat do do				
	vide item No 13 P.No				
	55 - 6405.495				
	@ Rs 15.00/m ² —				R 96082.00
(14) A	Providing and Laying				
	20mm mix Seal Surface				
	do do vide item No				
	14 P.No 55 - 6405.495				
	@ Rs 140.28/m ² —				R 898563.00

Continuation

6772944

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) 15 Construction of G.S.B. by well graded material do do vide item no 15 P.Ho 56 - 133.95 ³ @ Rs 1896.31/m ³ — Rs 254011.0					
(16) 16 Providing & fixing W.B.M. curtil do do vide item no 16 P.Ho 56 - 101.860 @ Rs 2797.51/m ³ — Rs 284960.1					
(17) 17 Construction of un-reinforced cc pavement with m30 do do vide item HO 17 P.Ho 56 217.302 m ³ @ Rs 5767.97/m ³ — Rs 1253391.0 1253391.0					
(18) 18 Providing & fixing of Km post do do vide item no 7 P.Ho 62 - 340 @ Rs 1937.87 each — Rs 5814.0					
(19) 19 Providing & fixing of iron post do do vide item no 8 P.Ho 62 - 840 Continuation @ Rs 555.10 each — Rs 4441.00					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) 20	providing & fixing of 250 reflective 600mm dia circular board do do do vide item No 11 P.No 63 - 12 No @ Rs 1513.40 each — R				18221.0
(21) 21	providing and fixing of 900mm square board do do do vide item No 9 P.No 63 - 6 No @ Rs 1511.23 each — R				9067.0
(22) 22	providing and fixing of 900mm equilateral triangle board do do do vide item No 13 P.No 63 — 6 No @ Rs 1513.46 each — R				9080.0
(23) 23	providing and fixing of 300mm dia cable duct pipe do do do vide item No 18 P.No 56 — 45 m @ Rs 876.30/m — R				39434.0

Continuation

8651363

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Direction and place					
24 Identification sign					
board do do vide					
item No 14 P.No					
66 — 1 No					
@Rs 2685.08 each Rs 2685.0					
(25) Providing & fixing					
25 of Lrgo mmbsy					
Project board					
do do vide item					
No 29 P.No 56					
— 2 No					
@Rs 7565.12 each Rs 15130.0					
(26) E/c Excavation in					
26 Foundation do do					
vide item No 20					
P.No 56 — 59.583					
⇒ vide item No 1 P.No 61 — 16.34					
75.92					
@Rs 251.69/m ³ — Rs 19108.0					
(27) Providing P.C.C m/s					
27 do do vide item No					
21 P.No 57 — 5.909					
⇒ vide item No 2					
P.No 61 — 2.30					
8.209					
@Rs 4309.59/m ³ — Rs 35624.0					

Continuation

8723910

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) Brick masonry					
28 Work in cm (1/4) dense					
vide item No 22					
P. No 57 -			58.92		
⇒ vide item No 3					
P. No 61 -			13.58		
			72.5		
@ Rs 5380.16/m ³ -					Rs 390062.0
(29) providing & Laying					
3935 R.C.C. PIPE HP					
do do vide item No					
29 P. No 58 -			45.00		
⇒ vide item No 4					
P. No 62 -			7.5		
@ Rs 1067.33/m ³ -					Rs 56035.0
(30) plastering with C.M					
30 (1/4) on brick work					
do do vide item No					
30 P. No 58 -			230.88		
⇒ vide item No 5					
P. No 62 -			33.5		
			264.38		
@ Rs 142.74/m ² -					Rs 38002.0
(31) Providing 1.5 mm Cement					
31 punning do do vide					
item No 31 P. No 58					
			54.52		
⇒ vide item No 6 P. No 62 -			9.16		
Continuation 63.68					
@ Rs 46.39/m ² -					Rs 2954.0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(32) 32	E/W Excavation in Foundation do do				
	vide item no 26				
	P. No 57 — 93.96 m ³				
	@Rs 251.69/m ³ — R 23649.1				
(33) 33	Providing P.C.C 41.5 in foundation do do				
	vide item no 27				
	P. No 57 — 17.10 m ³				
	@Rs 4399.59/m ³ — R 75233.0				
(34) 34	Brick masonry work m/c (1/4) in head wall do do				
	vide item no 28				
	P. No 58 — 83.22 m ³				
	@Rs 5380.16/m ³ — R 447737.1				
(35) 35	Plastering with cm (1/4) on brick masonry work do do				
	vide item no 30				
	P. No 58 — 230.88 m ²				
	@Rs 143.74/m ² — R 33187.6				
(36) 37	Providing 1:5 mm Cement pumping do do vide item no 31				
	P. No 58 — 54.52				
	@Rs 46.39/m ² — R 2538.0				
	R 9793307.0				

Continuation

9793307

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF Ra 9793307.0
Less 10% below					⊖ Ra 979331.0
					Ra 8813976.00
Less previous bill					⊖ Ra 8580154.0
					Ra 283822.0
26/12/2021 26/12/20 26 <i>[Signature]</i> S.M. M					
Materials for Pyloty.					
20mm Aggregate -					1.8643
10 mm " -					0.20743
Coarse sand -					4.2643
Bricks -					674040
26/12/20 26 <i>[Signature]</i> S.M. M					