

NABARD

M.B.No-512

Schedule XLV Form No. 134.

21-22

മെട്രിക് യൂണിറ്റ് അളവുകൾ ഉപയോഗിച്ച്
ജലസേചന വിഭാഗം

DIVISION

ജലസേചന, മെട്രിക്

SUB-DIVISION

M.B.No-512

Measurement Book

Sarita Kumari

प्रमाणित किया जाता है कि इस
मापी पुस्तक में मशीन द्वारा अंकित
पुस्तक-100 (एक सौ) पन्ने हैं जिसे
सहायक अभियंता, ग्रामीण कार्य विभाग
कार्य अवर प्रमंडल, बेलदौर का
निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
अवर प्रमंडल-गोगरी
09/10/21

Sch. XLV - Form No. 134

प्रमंडल गोगरी DIVISION
अवर प्रमंडल बेलदौर SUB-DIVISION

Measurement Book

No. 512

Name of Officer _____

Date of first entry _____

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road - Balders - Pathant					
PM 657 Road Bajrangbali Mandir					
to Tai Singh Baba's house					
of Suparimal Singh					
Head - PLANS					
Agreement No - 10 SDA/21-22					
Agency - Savita Kumar					
Date of start - 28/08/21					
Date of Completion - 27/08/22					

Record Measurement

① Setting out Pillars

Providing & fixing of working

Bench Pillars - do - do - etc

① Working Bench Mark Pillar

QA - 1.500 km

② Reference Pillar

QA - 1.400 km

② Clearing & grubbing of

Road Bank - do - do -

do - etc

Continuation

Lithon A/C Bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work, Beldour pachaut					
P.M. G.S. Road Bajarompali					
mandir to jai Singh Sastri					
House of Suparilal Singh					
Agreement No - 105 B.D. of 2021-2022					
Agency - Sarita Kumari					
Date of start 28.08.2021					
Date of comp. 27.08.2022					
① Construction of gason					
for sub base by providing well graded					
Materials - do -					
$\text{Extending } 2 \times 15.00 \times 0.45 \times 0.25 = 1.35 \text{ m}^3$					
$\text{for } 2 \times 2 \times 15.00 \times 0.30 \times 0.25 = 9.00$					
$\text{Total} = 10.35 \text{ m}^3$					
② Providing laying Stone					
ding and Compaction					
Stone aggregate etc					
$15.00 \times 4.5 \times 3.75 \times 0.25 = 4.725 \text{ m}^3$					
$2 \times 30.00 \times 3.75 \times 0.25 = 16.875$					
$2 \times 15.00 \times 3.75 \times 0.25 = 9.11 \text{ m}^3$					
$6 \times 30.00 \times 3.75 \times 0.25 = 50.625$					
$2 \times 15.00 \times 3.75 \times 0.25 = 9.11 \text{ m}^3$					
$\text{Total} = 90.445 \text{ m}^3$					

Continuation

ABSTRACT EAST

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Providing and fixing of banking bench work along — — — — — at site T.M.R.M. (23)					
(i) 1st cut at 1.40 km					
EA 4222.92 / Hd =					591900
(ii) 1st cut at 1.40 km					
EA 1942.28 / Hd =					271900
② Clearing and grubbing road along the road about 1.40 km at site T.M.R.M. (23)					
EA 52920.33 / Hd =					944950
③ Construction of rubble mud with material obtained from borrow pit at site T.M.R.M. (38)					
EA 153.66 / Hd =					1043250
④ Construction of sub grade and earth shoulders — — — — — at site T.M.R.M. (32)					
EA 3055.21 / Hd =					4069500
EA 192.25 / Hd =					7823900
Total					9643290
Continuation					9398580

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ construction of granular sub base by providing well graded					
of victm. B/W (28x3)					
ilum 11 (19) + (1)					
Ob. 1123.27 + 10.35 = 1143.59					
Q.A. 3077.69 / m ² = 3519615 =					
⑥ providing and applying					
and comp. s.m.					
and 211 - 49 -					
Ob. victm. B/W (32)					
ilum 11 (3) Ob. 392.611 m					
Q.A. 2724.16 / m ² = 11480723					
⑦ providing and applying					
primer coat with					
emulsion ss. 1					
Ob. victm. B/W (33)					
ilum 11 (4) Ob. 5299.805					
Q.A. 43.59 / m ² = 2231022 =					
⑧ providing and applying					
Jack coat with					
Portland emulsion ss. 1					
Ob. victm. B/W (34)					
ilum 11 (5) Ob. 5299.825 m ²					
Q.A. 14.82 / m ² = 78544 =					
Total = 6274277 =					
= 6249806 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Providing and setting of close graded plain surface — Qty vol T.M.B.M. (34)					
ilum ⑥ 52998					
⑨ — 206.07/m ³ = 1092145					
⑩ Reinforced Cement Concrete milled Kibrikastore Qty vol T.M.B.M. (35)					
ilum ⑦ 214					
⑩ — 2342.11/m ³ = 4684					
ilum ⑦ 01.614					
⑪ Reinforced Cement and m/s grd constant boundary Pillars — do — Qty vol T.M.B.M. (35)					
ilum 8 01.24 m/s					
⑪ — 513.81/m ³ = 12331					
⑫ Providing and fixing of Retro reflective Conic nony board — Qty vol T.M.B.M. (35) ilum ⑩					
⑫ 6 Nos ⑩ 4728.07/m ³ = 28368					
⑫ Qty vol T.M.B.M. (35) ilum ⑩					
⑫ 6 Nos ⑩ 5211.25/m ³ = 31268					
⑫ Qty vol T.M.B.M. 35. ilum ⑩					
⑫ — 4 Nos ⑩ 4602.69/m ³ = 18411					
Continuation					
Tot = 7465247					
= 7440776					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing and laying of hot applied thermoplastic compound - do -					
Ob. vid. T.M. No. (34)					
Inv. No. (10) 280.00					
Q. 721.95 / m ²					2021462
(12) Providing and laying of a reinforced concrete rib pipe - do -					
Ob. vid. T.M. No. (36)					
Inv. No. (11) 45.00					
Q. 893.98 / m					40229
(13) Providing and erecting direction and place indicator boards					
Ob. vid. T.M. No. (26)					
Inv. No. (12) 1.00					
Q. 11469.84 / m					11420
(14) Provision and laying of typical m.m.s. for material board -					
Ob. vid. T.M. No. (24) (56)					
Inv. No. 13 + (3)					
Q. - 2 + 2 = 4 m					
Q. 11109.20 / m					44439
+ 0.00					7763531
					7739060

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Earthwork in excavation for structures as per drawing —					
Qty of vol. m. (23)					
165.66 m					
@ 279.09 / MS =					46234 =
(16) Plain Cement Concrete					
P.C.C. 15 in leveling					
Course: do —					
Qty of vol. m. (24)					
14.02 m					
@ 5754.18 / m =					80674 =
(17) Providing and putting in place Paved floor complete — do —					
Qty of vol. m. (24)					
53.88 m					
@ 6357.28 / m =					341895 =
(18) Plain reinforced Cement concrete in sub structure — do —					
Qty of vol. m. (24)					
11.2 m					
@ 42.48 m					
@ 6564.39 / m =					278872 =
Total —					8486735 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Plastering wall plates in Brick masonry courses - do -					
Ob voltm. Bsp. (25)					
inkl. V (8) 56 Nos					
CS 110.91 M ² = 6210?					
(20) S/P. P. Hyst bars reinforcement in slab Stamps - do -					
Ob voltm. Bsp. (25)					
inkl. V (8)					
CS 2.066 m ²					
CS 50102.97 M ² 103513=					
(21) Back filling behind aboutment with soil and water wall -					
Ob voltm. Bsp. (25)					
inkl. V (10)					
CS 42.22 m					
CS 752.08 M ² 31253=					
(22) Plastering and laying filter media in drum case - do -					
Ob voltm. Bsp. (25)					
inkl. V (11)					
CS 27.24 m					
CS 3424.89 M ² 93294=					
Total - 8721505=					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23) supplying fitting and placing 4YSD bar reinforcement					
Qty vid. m. 184	(26)				
Unit 1/12	(12)			0.7184	
Qb -	51320.92			14	36848=
(24) providing and laying R.C.C. m. 25 in. super structure - do -					
Qty vid. m. 184	(26)				
Unit 1/13	(13)			0.778	
Qb -	7581.94			18	66554=
(25) Construction of concrete railing of m. 25 in. super in cast in situ -					
Qty vid. m. 184	(26)				
Unit 1/14	(14)			10.04	
Qb -	7220.94			15	72109=
(26) Draining Subsoil's complete as per drawing - do -					
Qty vid. m. 184	(26)				
Unit 1/15	(15)				
Qb -	8445				
Qb -	536.83			16	4295=
Total					890131=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27) Providing and laying normal concrete drain constant 30 gourd only width m. B.R. (27) Width (16) d. 2.62 m CS. 11257.34/m = 29494 =					

Total. 8930805 =

Ad. G.S.T 12% + 1% I.C. = 1161005 =

S.D. —

G.S.D. = 53 m to 9.5 m = 5.170 620.62 m/s = 321.0

11 9.5 m to 2.36 m = 2.070 514.58 m/s = 107.0

2.36 m to 0.4 m = 3.105 0236.21 m/s = 73.0

Small = 53 m to 2.44 m = 4.82.990 035.61 m/s = 18861 =

11.2 m Series = 22930 297.23 m/s = 3180 =

mixed = 13.20 m to 0.09 m = 142.100 523.34 m/s = 7489 =

Total = 10121761 =

Less 10% B.R. (→) 1012176 =

= 9109585 =

Less 2 m on A.C. Bill — 5580349 =

Net B — 3529243 =

work has been completed

as per specification.

17/03/23

17/03/23

CEP

Continuation
17/4/2023
EE