

Schedule XIV-Form No. 134

212311 - 21/08/2019 - 544/ 49

ଆମିଆ ଚାନ୍ଦିଆ ଚାନ୍ଦିଆ ମାନ୍ଦିଆ, 544/

DIVISION

ଆମିଆ ଚାନ୍ଦିଆ ଚାନ୍ଦିଆ ମାନ୍ଦିଆ, 544/ SUB-DIVISION

NABARD

MEASUREMENT BOOK

No-2328

ଆମିଆ ଚାନ୍ଦିଆ ଚାନ୍ଦିଆ ମାନ୍ଦିଆ, 544/

Sch. XLV - Form No. 134

ग्रामीण कार्य विभाग कार्म प्रमंडल, पुणे DIVISION

कार्म अवर प्रमंडल, नागपुर SUB-DIVISION

Measurement Book

No. 2328

Name of Officer श्री राम कुमार सवारी

सहायक अभियंता कार्म अवर प्रमंडल, नागपुर

Date of first entry _____

Date of last 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.	1st	2nd	
N/Work:- Construction of Road & CD works with maintenance for Harinagar Bhetua to Lohaita-purri gramen path in Nampur block under Nabarol.				
N/Agency:- Rajeev Kumar Singh				
Vill- Ghogwar hajipur				
Agreement No:- 35880/2020-21				
Date of Commence:- 31-08-20				
Date of Completion:- 30-08-20				
Work Done				
(1/2) Providing & Fixing of working benchmark Pillar etc				
(a) Working benchmark				
Qty = 2.7 km				
(b) Reference Pill				
Qty = 2.7 km				
(2/2) clearing & grubbing				

Continuation

2nd on A/c Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- Constr. of Road & CD					
Works with maintenance					
For Harinagar Bhetua to					
Lohaita - Puri Uranin					
Path in Nampur block					
Under Nabard					
N/Agency:- Rajeev Kumar Singh					
Vill - Ghoswar haripur					
Agreement no:- 35/SBD/2020-21					
Date of Commence:- 31-08-20					
Date of Completion:- 30-08-21					

Work Done

(1/2) P/v & Fixing of working benchmark pillar etc.

(a) working benchmark

QTY = 1.8 Km

(b) Reference pillar

QTY = 1.8 Km

(2/3) clearing & grubbing

Road Land etc.

$2 \times 1700 \text{ m} \times 3.5 \text{ m} = 11900 \text{ m}^2$

$11900 / 10000 = 1.1944$

(3/6) Excavation for Roadway

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
in soil using manual means etc.					
	2	10	30	0.525	$0.1\text{m} = 31.5\text{m}^3$
	2	10	30	0.525	$0.14 = 31.5\text{m}^3$
	2	30	0.525	0.1	$\text{m} = 3.15\text{m}^3$
	2	20	0.525	0.1	$\text{m} = 2.1\text{m}^3$
					$\text{Qty} = 68.25\text{m}^3$

(4/3114) length of granular
Sub-base by Populating
well graded material
etc.

in ST	width	2	10	30m	0.525	0.1m	2	31.5m ³	
			2	10	30m	0.525	0.1m	2	31.5m ³
Full width		5	30m	4.05m	0.1m			60.75m ³	
		5	30m	4.15m	0.1m			62.25m ³	
		1	30m	4.05m	0.1m			12.15m ³	
		2	30m	$\frac{4.05+4.15}{2}$	0.1m			24.6m ³	
		1	30m	4.05	0.1m			12.15m ³	
		2	30m	4.10m	0.1m			24.6m ³	
		1	30m	4.05m	0.1m			12.15m ³	
		2	30m	4.10m	0.1m			24.6m ³	
		1	30m	$\frac{4.05+4.1}{2}$	0.1m			12.22m ³	
Full width		1	30m	4.05	0.2m			24.3m ³	
		2	30m	4.15m	0.2m			43.8m ³	
		1	30m	$\frac{4.05+4.1}{2}$	0.2m			24.45m ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	30m	4.05m	0.2m	$= 24.3m^3$
	3	30m	$\frac{4.05+4.15}{2}$	0.2m	$= 73.8m^3$
	1	30m	4.05m	0.2m	$= 24.3m^3$
	2	30m	4.15m	0.2m	$= 49.8m^3$
	1	30m	4.05m	0.2m	$= 24.3m^3$
	1	30m	4.05m	0.2m	$= 24.3m^3$
	2	30m	4.1m	0.2m	$= 49.2m^3$
	2	30m	4.05m	0.2m	$= 49.6m^3$
	2	30m	4.1m	0.2m	$= 49.2m^3$
	2	30m	4m	0.2m	$= 48m^3$
	2	30m	4.1m	0.2m	$= 49.2m^3$
	1	30m	4.05m	0.2m	$= 24.3m^3$
	2	30m	4.1m	0.2m	$= 49.2m^3$
	1	30m	4.05m	0.2m	$= 24.3m^3$
	2	30m	4.1m	0.2m	$= 49.2m^3$
	1	30m	4.05m	0.2m	$= 24.3m^3$
	1	30m	4.1m	0.2m	$= 24.6m^3$
	10	m	4.05m	0.2m	$= 8.1m^3$
Profile Corrector	20	1.5m	1m	0.1m	$= 3m^3$
	12.5	m	1.2m	0.1m	$= 1.5m^3$
	16.5	m	1.25m	0.1m	$= 2.06m^3$
	8.5	m	1m	0.1m	$= 0.85m^3$
	13.5	m	1.1m	0.1m	$= 1.48m^3$
	16.5	m	1.2m	0.1m	$= 1.98m^3$
					$\Sigma = 1013.39m^3$
(5/10+15) f/v, laying, spreading					
2 Compacting of WBM-III etc.					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	30m	3.75m	0.075m	$= 16.875 \text{ m}^3$
	2	30m	3.0m	0.075m	$= 13.5 \text{ m}^3$
	2	30m	3.05m	0.075m	$= 17.325 \text{ m}^3$
	2	30m	3.75m	0.075m	$= 5.625 \text{ m}^3$
					$\text{Qty} = 567.81 \text{ m}^3$
19/11/2018					
19/11/2018					
(6/36) Earthwork in excavation					
for structure as per drg.					
etc.					
Abutment	2	3.1	2.133	1.6	$= 62.11 \text{ m}^3$
Return Wall	4	1.76	1.93	1.6	$= 21.02 \text{ m}^3$
Floor under Deck Slab	1	7.7	0.4	0.25	$= 0.77 \text{ m}^3$
					$\text{Qty} = 84.7 \text{ m}^3$
(7/37) Sand Filling in Foundation					
trench as per drawing					
Floor under Deck Slab	1	7.7	1.62	0.1	$= 1.254 \text{ m}^3$
					$\text{Qty} = 1.254 \text{ m}^3$
(8/38) P/B PCC M-15 Concrete					
for Plain Concrete in open					
Foundation etc.					
Abutment	2	3.1	2.133	0.2	$= 7.764$
Return Wall	4	1.76	1.93	0.2	$= 2.728$
Floor under Deck Slab	1	7.7	1.73	0.15	$= 2.005$
					$\text{Qty} = 12.497 \text{ m}^3$
(9/40) Block Masonry work in					
Cement mortar (1:4) in sub-					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Structure & Kerb Complete etc.					
Abutment	2	7.5	0.317	1.3	$= 17.87 m^3$
Return wall	4	1.384	0.66	1.53	$= 8.389 m^3$
					Qty = $26.26 m^3$
(10/39) Block masonry work in cm (1:4) in foundation etc.					
Abutment	2	8.3	1.633	1.4	$= 37.35 m^3$
Return wall	4	1.767	1.43	1.4	$= 14.15$
					Qty = $52.1 m^3$
For Road 10-02-21 JE					
(R.R.O.) 10-3-21 A.S.					

ABSTRACT OF COST

(1/12) P/v 2 Fixing of working benchmark

(a) Working benchmark Pillar

2.7 Km Qty (prev) vide TMB P-6

1.0 Km Qty vide TMB P-10

4.5 Km @ ₹ 4150 = 06/km - ₹ 18855 = 00

(b) Reference Pillar

2.7 Km Qty (prev) vide TMB P-6

1.0 Km Qty vide TMB P-10

4.5 Km @ ₹ 1325 = 18/km - ₹ 8681 = 00

(2/3) clearing & grubbing

Road Land etc

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1.36 Ha Qty (Prev) vide TMB P-6					
1.13 Ha Qty vide TMB P-10					
3.15 Ha @ ₹ 43436 = 7/ha - ₹ 37014 = 00					
(3/6) Excavation for Roadway in soil using manual means etc.					
294 m³ Qty (Prev) vide TMB P-6					
68.25 m³ Qty vide TMB P-11					
362.25 m³ @ ₹ 74 = 1/m³ - ₹ 26843 = 00					
(4/7) Constr. of embankment with material obtained from borrowpit etc.					
(a) Lead 100m					
Qty (Prev) vide TMB P-7					
Qty = 507.02 m³					
@ ₹ 175 = 11/m³ — ₹ 88784 = 00					
(b) for 100m Lead					
Qty (Prev) vide TMB P-7					
Qty = 862.37 m³					
@ ₹ 138.27/m³ — ₹ 119240 = 00					
(5/9+14) Constr. of Hydrants					
Sub-base by providing well graded material etc.					
Qty (Prev) vide					
1429.35 m³ Qty (Prev) vide TMB P-7					
1013.33 m³ Qty vide TMB P-12					
2442.74 m³ @ ₹ 266 = 28/ha - ₹ 636646 = 00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/1015) P/v, laying, spreading 2 Compacting of WBM-10					
Qty vide TMB P-12 to 14					
Qty = 567.01 m ³					
@ ₹ 3192 = 08/m ³					₹ 180113920
(7/25) P/v 2 Fixing of typical masonry masonry sign board with logo etc					
Qty (prev) vide TMB P-19					
Qty = 2 NO.					
@ ₹ 11155 = 57/No.					₹ 22311200
(8/36) Earth work in excavation for structure as per drg etc.					
Qty vide TMB P-14					
Qty = 84.7 m ³					
@ ₹ 260.57/m ³					₹ 22072000
(9/37) Sand filling in foundation trench etc.					
Qty vide TMB P-14					
Qty = 1.254 m ³					
@ ₹ 445.06/m ³					₹ 563000
(10/38) P/v PCC M-15 Concrete for plain concrete in open foundation etc.					

Continuation

Continuation