

PMGSY मेसर्स गुडर्री एंड सोनू डी
न्यू टाउ नमगस्य-

Schedule XLV-Form No. 134

गुडर्री कॉम डिवाइज कॉम प्रमोशन, गुडर्री **DIVISION**

गुडर्री कॉम डिवाइज कॉम प्रमोशन **SUB-DIVISION**
बोस्टागडे

MEASUREMENT BOOK

Renu Devi

No 2320

Sch. XLV-Form No. 134

ग्रामीण कार्य विभाग कार्य प्रमंडल, पुपरी DIVISION
कार्य भवन प्रमंडल, बाजपटी SUB-DIVISION

Measurement Book

No. 2320

Name of officer

श्री रामकुमार सत्माथी

सहायक अभियंता कार्य भवन प्रमंडल बाजपटी

Date of first entry

Date of last entry

Is) on 1/2 Bill

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.	
H/W: — Const of Road					
and CD works with					
maintenance for P.M.G.S.Y					
Mahmuda Primary					
School to Khatre to					
New bridge under					
P.M.G.S.Y.					
H/Agency: — Renu Devi					
vill + P.O. - Brahmanpura					
P.S. - Kantaul					
Darbhanga.					
Agreement NO. - 2183/20-21					
Date of start: —					
10/06/2020					
Date of comp: —					
9/3/2021					
Actual date of comp					
: — work is under					
progress					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Pr and fixing of working bench marks pillars.					
	Qty -	21 x 30 =	630		
		1 x 5 =	5		
			635 m		
			= 0.635 m		
② Reference pillars					
- Same as					
- 0.635 m					
③ clearing and grubbing road land including					

an comp					
2 x 21 x 30 x 2.50					
					= 7445 m ²
2 x 5 x 2.50					
					= 25 m ²
					= 448 m ²
@ 10000 m ² / Ha					
					= 0.448 Ha
Qty 0.45 Ha.					
④ Excavation for road way					
is 80% including trench					
2 x 6 x 30 x 0.375 x 0.100 =					13.500 m ³
2 x 20 x 0.375 x 0.100 =					1.500 m ³
					= 15.000 m ³

Continuation

Particulars	Details of measurement				Contents of area
	No.	L.	B.	D.	
⑤ Cost of embankment					
with material obtained					
from borrow pits as					
early job.					
60% of actual qty					
ie -					
for 100m length					
- 160.00 m ³					
+ 100m length					
- 305.00 m ³					
⑥ Cost of subgrade					
and earthen shoulder					
by approved material					
as estimate.					
50% of actual qty					
at - 75.00 m ³					
⑦ Cost of G.S.B by					
providing well graded					
material spreading					
in uniform layers as					
Comp.					
from Back Site.					
35 mm	1	30	3.25 (M)	10.200	19.50
	2	30	2.00 (M)	0.200	36.00
	1	20	3.25 (M)	0.200	19.20
	2	30	2.50 (M)	10.200	39.60
	1	30	2.50 (M)	10.200	21.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 20x 4.00 (40x 6)				290 =	26.400
1x 15x 3.50 (35x 6)				0.200 =	16.50
5x 20x 8.00 (80x 6)				0.200 =	168.00
1x 20x 2.50 (25x 6)				0.200 =	21.00
					= 301.20 m ³
Ex-mp to p.c.c. over					
3x 20x 2.70 (27x 6)				0.100 =	33.30 m ³
1x 20x 2.60 (26x 6)				0.100 =	10.20 m ³
					= 345.30 m ³
(B) For and laying spread of stone/any including all the jobs as shown by Go-1)					

40	35	over			
1x 20x	2.35+2.85	0.075 =	6.975		
1x 20x	2.85+2.85	0.075 =	6.412		
1x 20x	2.85+2.65	0.075 =	6.188		
1x 20x	2.65+3.25	0.075 =	6.637		
2x 30x	3.25+3.25	0.075 =	14.625		
2x 30x	3.25+3.75	0.075 =	7.875		
1x 30x	3.75+3.75	0.075 =	8.437		
1x 15x	3.75+3.25	0.075 =	3.937		
1x 20x	3.25+3.75	0.075 =	7.875		
1x 20x	3.75+3.45	0.075 =	8.100		
1x 30x	3.45+3.25	0.075 =	7.650		
1x 30x	3.35+3.35	0.075 =	7.537		
1x 30x	3.35+3.55	0.075 =	7.762		

Continuation

$$1x 20x \frac{3.55+3.55}{2} \times 0.075 = 7.987$$

$$= 107.997 m^3$$

Say 108.00 m³ ✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Const. of G.S.B by providing well graded uniform layers on emb Box culvert.					
					15.00 m ³
Profile correction					
	1	5	2.20	0.050	2.20 m ³
	1	12	1.50	0.040	0.72
	2	9	1.60	0.050	1.44
	1	22	2.00	0.060	2.76
					<u>22.12 m³</u>

					21.30 m ³
⑨ Bonding layer					
Spreading on a concrete					
Stone approx. 100 mm high					121
	1	30	$\frac{2.60 + 3.60}{2}$	0.075	8.100
	1	20	$\frac{3.60 + 3.50}{2}$	0.075	8.043
	1	20	$\frac{3.50 + 3.15}{2}$	0.075	7.537
	1	30	$\frac{3.15 + 4.00 + 3.25}{3}$	0.075	7.799
	1	20	$\frac{3.25 + 3.50}{2}$	0.075	7.650
	1	20	$\frac{3.50 + 3.00}{2}$	0.075	7.425
	1	20	$\frac{3.00 + 5.00}{2}$	0.075	6.075

Continuation

= 52.629 m³Seq 52.63 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Pr and laying Rec					
Conduet pipe is					
clearing all					
Qty - $2 \times 2.50 = 5$ m					
(12) Pr and laying					
of Informator					
Qty - 2 nos.					
7/12/12					
7/12/12					

Abstract of Cor					
SL NO. (1/2) Pr and					
fixing of working					
bench mark pillars					
Qty - viz TMB ②					
— 0.635 km					
② ₹ 1152.64/km					₹ 2638.00
SL NO. (3/2) Reference pillars					
Qty - viz TMB ②					
— 0.635 km					
② ₹ 1120.00/km					₹ 1219.00
SL NO. (3/2) clearing and					
grubbing road land					
including all					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. - wide Tmb p. ②					
- 0.45 Hr					
@ 749446 = 75/1hr				7	22274.00
SINO (4/4) Ex correction for road					
way is forth included					
all comp.					
Qty. - wide p. ② - Tmb					
- 15.00 m ³					
@ 774 = 10/m ³				7	1112200
SINO (5/5) Cost of Embankment					
with material obtained					
from borrow pits					
all comp. job					
Qty. - wide Tmb p. ③					
for 1000 lead					
- 160.00 m ³					
175 = 11					
@ 267 = 26/m ³				7	28018.00
for 100 lead					
- 305.00 m ³					
@ 138 = 10/m ³				7	42121200
SINO (6/6) Cost of Run quads					
and running shoulder					
by approved material					
all comp.					
Qty. - wide p. ③ Tmb					
- 975.00 m ³					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ ₹ 175 = 35/m ³ —					₹ 1,72,331.00
SL NO (7/5). Contd of G.S.B					
by providing well					
graded material					
Spreading is uniform					
layers as corf.					
Qty. vide TMB P- (4)					
— 345.30 m ³					
@ ₹ 2685 = 15/m ³ —					₹ 92,718.20
SL NO (8/6) for laying					
Spreading and compacting					

Stone aggregates of					
10mm by 20mm					
including all corf.					
Qty. vide TMB P- (4)					
— 108.000 m ³					
@ ₹ 3267 = 39/m ³ —					₹ 3,52,878.00
SL NO (9/6). Contd of G.S.B					
by providing well					
graded uniform					
layers as corf.					
Qty. vide TMB P- (5)					
— 22.30 m ³					
@ ₹ 2685 = 15/m ³ —					₹ 5,71,940.00
SL NO (10/12) for laying					
Spreading and					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Compaction of stone					
approximate area as shown by plan					
Oth - vide TMB P- (5)					
— 52.63 m ³					
② ₹ 2267 = 29/m ³ — ₹ 171962 = 00					
SL NO (11/2) for and laying of R.C.C. conduit pipe including all comp. job					
Oth - vide TMB P- (6)					
— 5.00 m					
② ₹ 837 = 48/m — ₹ 4187 = 00					
SL NO (12/2) for and fixing					
Hydrant tube masonry					
Inter masonry & Band all work					
Oth - vide TMB P- (6)					
— 2 m					
② ₹ 10990 = 25/m ² — ₹ 21981 = 00					
total = ₹ 1805098 = 00					
Less 10% as per agreement —					
Net total = ₹ 1624588 = 00					

Continuation