

mmgy (sc)

M.B.No-468

20-21

सिद्धार्थ अ. सिद्धार्थ अ. सिद्धार्थ अ.

Shedule XLV Form No. 134.

मिशन. 21/2/17

DIVISION

सिद्धार्थ मिशन. 4/2/2017

SUB-DIVISION

M.B.No-468

Measurement Book

Ayush Kumar Singh

प्रमंडल प्रमाणित किया जाता है कि इस
मापी पुस्तक में मशीन द्वारा अंकित
कुल-100 (एक सौ) पन्ने हैं जिस
में अखिलेश कुमार, सहायक अभियंता,
ग्रामीण कार्य विभाग, कार्य अवर,
प्रमंडल, परबला का निवास किया
जाता है।


25.9.20
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
प्रमंडल-गोगरी
25/9/20

Sch. XLV-Form No. 134

ग्राम. गोगरी DIVISION

अवर ग्राम. परबला SUB-DIVISION

MEASUREMENT BOOK

No. 468

Name of Officer _____

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 -	Const. of road				
	from Thanihara to Tehay				
	middle school.				
Name of Agency -	Ayush K. Singh				
	At - Panchwati tola, Rajput tola				
	P.S. - Mandi, Distt - Khagaria.				
Agreement No. -	32 SBD / 2020-2021				
Date of Start -	09.09.2020				
Date of Completion -	08.09.2021				

Record measurement

Date -

1. Pvg. & fixing of working

benchmark pillars etc -

d.O. d.O. all comp job -

i) working benchmark pillar

2.0 nos.

ii) Reference pillar - 8.0 nos.

2. clearing & grubbing road

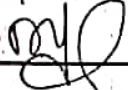
land (by manual means) incl.

ding uprooting, wild vegeta-

tion, grass, bulrush etc - d.O. d.O.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of road from					
Thanjhara to Tehay middle					
bridge.					
Name of Agency - Ajub Kr. Singh.					
At - Panchurajitola, Rajput Tola,					
P.S. - Maneri, Distt. - Jhagadia.					
Agreement No. - 32 SBD/2020-21					
Date of Start - 09.09.2020					
Date of Completion - 08.09.2021.					
Actual date of completion - 10.08.2021					
measurement - Nil.					
					
15.02.2022					
J.E.					

ABSTRACT OF COST

Date - 15.02.2022

1. Pvg. & fixing of workings
benchmark pillars etc. - do.

all comp. job -

9.77 wide T.O.D.P. (54)

i) working benchmark pillar

2.0 nos

R. 2805 = 55/100 — R. 7.611 =

ii) Reference pillar - 8.0 nos

R. 1742 = 09/100 — R. 13.937 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. clearing & grubbing road land etc-do-do-all comp. job					
7+7. vide T.M.B.P. (55)					
1.44 a.					
OR. 51,123=76/Hg.				Gr.	71,587=-
3. const. of embankment with material obtained from borrow pits etc-do- do-all comp. job					
7+7. vide T.M.B.P. (55)					
12971.843 m ³					
OR. 150238/m ³				Gr.	4,46,906=-
4. const. of subgrade & earthen shoulder etc-do- do-all comp. job					
7+7. vide T.M.B.P. (55)					
5634.37 m ³					
OR. 17658/m ³				Gr.	9,94,917=-
5. const. of granular sub- base by providing well graded material etc-do-do- all comp. job					
7+7. vide T.M.B.P. (56)					
1651.175 m ³					
OR. 250258/m ³				Gr.	4,45,407=-

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6. Elevation excavation for found? etc-dodo:all comp. job -					
7. vide T.D.B.P. (56)					
392.33 m ²					
Q.R. 268 = 32/m ²					R. 1,05,662--
7. Sandfilling in found? trenches etc-dodo:all comp: job -					
7. vide T.D.B.P. (56)					
3.75 m ²					
Q.R. 388 = 86/m ²					R. 1,12,58--
8. Prg. P.C.C. 1:2:5 (1:2:5) concrete for plain concrete etc-dodo:all comp: job -					
7. vide T.D.B.P. (57)					
48.45 m ²					
Q.R. 4900 = 25/m ²					R. 2,37,417--
9. B/W Brick masonry work in c.w. (1:4) in headwall & substructure etc-dodo: all comp: job -					
7. vide T.D.B.P. (57)					
170.61 m ²					
Q.R. 5719 = 32/m ²					R. 9,15,712--

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. Brick masonry in c.m. (1:4) in found? etc-do-do. all comp. job					
Qty. vide T.O.B.P. (57)					
185.94 m ³					
OR 5453 = 41/m ³					R. 10,14,007-
11. Prg. 2 Laying R.C.C. pipe NP2 for culverts etc - do-do-all comp. job -					
Qty. vide T.O.B.P. (57)					
22.5 m					
OR 387.5 = 24/m					R. 87,193-
12. plastering with c.m. (1:4) or brickwork etc-do-do-all comp. job					
Qty. vide T.O.B.P. (58)					
406.227 m ²					
OR 166 = 12/m ²					R. 67,433-
13. Prg. 1.5 cm cement putting etc-do-do-all comp. job					
Qty. vide T.O.B.P. (58)					
42.66 m ²					
OR 44 = 82/m ²					R. 1,912-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14. Plain cement concrete (m-20) in substructure etc-d0-d0-all comp job Qty. vide T.M.B.P. (58) 12.2 m ³ NRs. 5610 = 78/m ³ — Gr. 68.451=					
15. Pvg. bitumen painting over top surface of abutment cap etc-d0-d0 all comp job Qty. vide T.M.B.P. (59) 42.3 m ² NRs. 14 = 91/m ² — Gr. 631=					
16. Pvg. & laying reinforce ment concrete in superstructure (deck slab) etc-d0-d0-all comp job Qty. vide T.M.B.P. (59) 13.824 m ³ NRs. 6507 = 50/m ³ — Gr. 89.960=					
17. S/F/P H.Y.S.N bar reinforcement in super structure etc-d0-d0-all comp job Qty. vide T.M.B.P. (59) 1.98 MT NRs. 50234 = 144/MT — Gr. 99.464=					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18. pvg. & filling joint sealing the void etc-dodo- all comp. job —					
Qty. vide T.M.B.P. (59)					
45.00 m ²					
QRs. 36 = 73/m ² —				Rs.	1,653 =-
19. painting two coats on new surface etc-dodo-all comp. job —					
Qty. vide T.M.B.P. (60)					
428.385 m ²					
QRs. 97 = 96/m ² —				Rs.	41,964 =-
20. brick masonry work in c.m. (1:2) in parapet etc-dodo-all comp. job —					
Qty. vide T.M.B.P. (60)					
11.91 m ³					
QRs. 6070 = 58/m ³ —				Rs.	69,878 =-
21. pvg. weepholes in brick masonry etc-dodo-all comp. job —					
Qty. vide T.M.B.P. (60)					
20.00 nos.					
QRs. 110 = 83/nos. —				Rs.	2,217 =-

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22. Prg. laying & spreading & compacting stone aggregates at width 95-3 etc-do-do. all comp. job					
Qty. vide T.O.B.P. (60)					
	572.237 m ²				
Q.R. 3172 = 82/m ²					Rs. 18,15,611/-
23. Prg. & applying primer coat with bitumen emulsion (SS-1) etc-do-do-all comp. job					
Qty. vide T.O.B.P. (61)					
	7629.86 m ²				
Q.R. 43 = 37/m ²					Rs. 330,907/-
24. Prg. & applying tack coat with bitumen emulsion (SS-1) etc-do-do-all comp. job					
Qty. vide T.O.B.P. (61)					
	7629.86 m ²				
Q.R. 14 = 91/m ²					Rs. 1,13,761/-
25. Prg. laying & rolling of dense graded premix surface etc-do-do-all comp. job					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24. vide T. & B.P. (61)					
		7629.86 m ²			
		OR 8.194 = 79/m ²			Rs. 14,86,220/-
26. Planting of trees by the road side, etc-do.					
do. all comp. job					
24. vide T. & B.P. (62)					
		200.0 nos.			
		OR 8.19 = 92/nos.			Rs. 1,63,984/-
27. Reinforced cement concrete mic grade kilometre local stone ob					
standard design etc-do.					
all comp. job					
24. vide T. & B.P. (62)					
i) km stone - 3.0 nos.					
		OR 2077 = 4/nos.			Rs. 6,231/-
ii) 200m stone - 8.0 nos.					
		OR 575 = 25/nos.			Rs. 4,602/-
28. Reinforced cement concrete mic grade boundary pillar/local stone ob standard design etc-do.					
do. all comp. job					
24. vide T. & B.P. (62)					
		60.0 nos.			
		OR 472 = 99/nos.			Rs. 28,325/-

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
29. Prg. & fixing of Reto- reflective cautionary mand atory and informatory signboard etc-d to all comp. job - Qty. vide T.O.B.P. (63)					
i) 600mm equilateral & triangle - 18.0 nos.					
QR. 36.73 = 71/nos. — R.					66.487-
30. ii) 600mm circular - 10 nos					
QR. 49.65 = 68/nos. — R.					49.656-
iii) 600mm x 400mm rectangular 6.0 nos.					
QR. 46.72 = 57/nos. — R.					28.041-
iv) 900mm side octagon - 4.0 nos.					
QR. 88.61 = 50/nos. — R.					35.441-
30. Prg. & laying of hot applied thermoplastic compound 2.5mm thick etc-d to all comp. job - Qty. vide T.O.B.P. (63)					
412.0m ²					
QR. 735 = 44/m ² — R.					3,03,001-
31. Direction & place identification					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21. Prg. & erecting direction 2-l					
place. identification etc-do-					
do-all comp. job					
Qty. vide T.O.B.P. (63)					
1.0 nos.					
Q.R. 2747-48/nos. —					Rs. 2,747~
32. Prg. & fixing of typical					
manhole information					
signboard etc-do-do-all					
comp. job					
Qty. vide T.O.B.P. (64)					
i) sign identification signboard					
3.0 nos.					
Q.R. 8868-08/nos. —					Rs. 26,604~
ii) citizen information					
board — 2.0 nos.					
Q.R. 8868-08/nos. —					Rs. 17,736~
iii) maintenance board — 2.0 nos.					
Q.R. 8868-08/nos. —					Rs. 17,736~
33. Prg. & laying of reinforced					
cement concrete pipe duct					
300mm dia etc-do-do-all					
comp. job					
Qty. vide T.O.B.P. (64)					
37.5 nos.					
Q.R. 831-46/nos. —					Rs. 31,180~
					Rs. 1,30,73,713~

Continuation

(A)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
cost of signposting					
10.00 material cost					
Qty. vide T.O.B.P. (64)					
i) Blue - 8009.52 m ²					
Rate 23 = 78/m ²					Rs. 1,90,466-
Qty. vide T.O.B.P. (65)					
ii) Stone material					
53mm to 9.5mm - 990.705 m ³					
Rate 30.9 = 85/m ³					Rs. 3,06,970-
9.5mm to 2.36mm - 396.282 m ³					
Rate 98 = 74/m ³					Rs. 29,121-
2.36mm below - 599.422 m ³					
Rate 54 = 29/m ³					Rs. 32,271-
iii) p.c.c. (1:2:5:5) - 48.45 m ³					
Sand - 23.256 m ³					
Rate 72 = 284/m ³					Rs. 1,683-
40mm aggregate - 22.256 m ³					
Rate 211 = 718/m ³					Rs. 4,924-
20mm aggregate - 11.628 m ³					
Rate 132 = 204/m ³					Rs. 1,537-
10mm aggregate - 7.876 m ³					
Rate 49 = 134/m ³					Rs. 1,90-
iv) Back filling (1:4)					
368.06 m ³					
Sand - 88.334 m ³					
Rate 38 = 102/m ³					Rs. 3,357-

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
v) plastering with c.m (1:4)					
	406.227 m ²				
Sand - 9.74 m ³					
Q.Rs. 3 = 80/m ³				Rs. 372 = -	
vi) P.C.C. (1:2:4) - 12.2 m ³					
Sand - 5.49 m ³					
Q.Rs. 67 = 860/m ³				Rs. 372 = -	
40 mm aggregate - 4.392 m ³					
Q.Rs. 158 = 789/m ³				Rs. 697 = -	
20 mm aggregate - 4.41 m ³					
Q.Rs. 110 = 551/m ³				Rs. 487 = -	
vii) Sand filling - 2.75 m ³					
Q.Rs. sand filling - 4.50 m ³					
Q.Rs. 140 = 220/m ³				Rs. 631 = -	
viii) Deck slab - 13.824 m ²					
Sand - 6.22 m ³					
Q.Rs. 67 = 860/m ³				Rs. 422 = -	
20 mm aggregate - 7.46 m ³					
Q.Rs. 297 = 459/m ³				Rs. 2,219 = -	
10 mm aggregate - 4.97 m ³					
Q.Rs. 221 = 101/m ³				Rs. 1,099 = -	
ix) weep holes - 20.0 nos.					
Sand - 2.0 m ³					
Q.Rs. 0 = 224/m ³				Rs. 1 = -	
x) work grading - 572.237 m ²					
53 mm to 2.4 mm - 692.4 m ²					
Q.Rs. 554 = 45/m ²				Rs. 3,83,901 = -	
Stone screening 11.2 mm -					
137.33 m ²					
Q.Rs. 82 = 92/m ²				Rs. 11,387 = -	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
xi) M.S.S. - 7629.86002					
roughed stone 13.20000					
0.090000) - 206.0002					
Q.R. 470 = 09/09 2				R.	96,828/-
				R.	10,79,471/-
10% S.F. i.e.				R.	1,07,947/-
					(B)
Total cost with S.F.					
i.e. (A)				R.	1,30,73,713/-
(B)				R.	1,07,947/-
				R.	1,31,81,660/-
Add 12% GST + 1% L.C.R.				R.	17,13,616/-
				R.	1,48,95,276/-
less 12% below (A) R.				R.	17,87,423/-
(A) R. 423/-				R.	1,31,07,853/-

less previous payment R. 1,30,42,423/-

R. 65,420/-

15.02.2022
J.E.

At Kumar
15/2/2022
AE

At Kumar
9/2/2022
EE