

N/Scheme: - Construction & Svr Maintenance of Road Ben Bigha
Babigha Pat-se Sigahant Khurd

Schedule XLV-Form No. 134
Length - 0.900 km In Dhanasua Block

MSIO - 31/05: - 6472571

DIVISION

Cont 1 - Bindeshwar Prasad Singh.

Ag No: - 32/SBD/20-21 **SUB-DIVISION**

Measurement Book

1218.

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: Const ⁿ & 5y ^{rs} maintain					
of road: Red. by the Bostiga					
At the Singharu Khurd					
under HM. 0.57 (SC)					171
Dharmu Block.					
Name of Contractor: Sri Bindeshwar Kap					
Singh.					
Agd No. —				32/SRO/2020-21	
Start. dt -				11/2/2021	
Int. dt of Comp -				10/11/2021	
(1) P.W. & fix up work at Bera					
Mach. & Rft Pillar. —					
				28 x 25.00 = 700 m ²	
				0.70 KM	
(2) Clear up & grub 2 x Road					
Land: —					
				2 x 15 x 25.00 x 4 = 3000.00 m ²	
				(AV)	
				2 x 10 x 25.00 x 3.50 = 1750.00	
				(AV)	
				2 x 3 x 25.00 x 3.50 = 525.00	
				(AV)	
				= 5275 m ²	
				0.70 = 0.53 Hect	
(3) P.W. & fix up Typicul. MMGSY					
Project Informatory 2x2					

~~June 24/21/21~~
A.E.

Records Entry
Rec. Control

$\frac{1}{30}$ c/w in accordance for
function — —

$$\text{Ans: } - \frac{2 \times (9.90 + 9.30)}{2} \times \frac{(3.00 + 2.40)}{2} \times 1.80 = 93.31 \text{ m}^3$$

R/W. $A \times \frac{(1.65 + 1.65)}{2} \times \frac{(2.817 + 2.217)}{2} \times 1.20 = 29.90''$

flor. und der 20.

$$1 \times 7.70 \times 0.60 + 1.20 \times 0.25 = 1.73''$$

$$= 124.94 \text{ m}^2$$

(2/34) P/V PCC 4-15 (1:2.5:1.5) 12

17) after find - d -

Ans:- $2 \times 9.30 \times 2.40 \times 0.20 = 8.93 \text{ m}^3$

$$R/w = 1 \times 1.60 \times 2.217 \times 0.20 = 2.84''$$

$$= 11.744'$$

Continuation

$$= 42.663 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(43) Plastering with cr (1.4)					
15 mm thick on B/W.					
Superficial	2 x 7.50 x	2.025			= 30.38 m ²
Sides - 2	4 x 2.025				
Sides	4 x 3.00 x	2.025			= 24.30
					= 54.68 m ²
(5) Cont'n of (43) with					
measured area for					
below put					
As per last Graph & Calculated					
Sheet					

CH:-	C/S Area	Mean Area	Dist	Volume
(M)	(M ²)	(M ²)	(M)	(M ³)
00	2.84	—	—	—
50	2.90	2.87	50	143.50
100	2.76	2.83	50	141.50
150	2.82	2.79	50	139.50
200	3.00	2.91	50	145.50
250	2.66	2.83	50	141.50
300	2.90	2.78	50	139.00
350	3.10	3.00	50	150.00
400	2.94	3.02	50	151.00
450	2.80	2.87	50	143.50
500	2.74	2.77	50	138.50
550	2.66	2.70	50	135.00

C-0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	D.	D.	
✓ 600	2.94	2.80	50		140.00
✓ 650	2.32	2.63	50		131.50
					= 1840.00 M ³
(A) 22.60% Rly with lead					
1000 M					
					$1840.00 \times \frac{22.60}{100} = 415.84 M^3$
(B) 77.40% Rly with 100 M					
lead					
					$1840.00 \times \frac{77.40}{100} = 1424.16 M^3$
<i>P</i> 5/11/21 25/11/21 JB <i>Sumit</i> 30/11/21 P.					

Revised Entry

24/11/21 Construction of Sub.
 grade to
 CH: 00 - 620 M.

$20 \times 30.00 \times 8.50 \times 0.30 = 1520.00$
 (A)
 $1 \times 20.00 \times 8.50 \times 0.20 = 34.00$
 $= 1554.00 M^3$

24/11/21 P/L & Loxup Cable
 due p/L & Loxup

$2 \times 7.50 = 15.00 M$

P
~~5/11/21~~
 5/11/21
 A.B

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st	10	10	1	
Name of work	Const & Five year				
	Maintenance of road				
	Red light Bas light				
	Path se Singhari Khurd				
	under M.M.G.S. (SC)				
N/ Contractor	Sri Bindeshwar				
	Karnal Singh				
Agrodt	32/200/2020-21				
Start dt	11/2/2021				
Int dt of Comp	10/11/2021				
Date of Measr	10/8/2021				

⑥ Construction G.S.B.					
Materials	to	to	to	to	
Comp. G.S.					
CH-00-605 M.					
1 x 15.00 x 6.50 x 0.20 = 15.825 m ³					
19 x 30.00 x 4.05 x 0.20 = 46.170 m ³					
1 x 20.00 x 4.05 x 0.20 = 16.20 m ³					
Extra widening at Curve					
4 x 2 x 15.00 x 0.50 x 0.20 = 12.00 m ³					
Total Qty = 505.725 m ³					
⑤ Const of Earthen shoulder					
Sides of G.S.	2 x 20 x 30.00 x 1.475 x 0.20 = 354.00 m ³				
2 x 1 x 5.00 x 1.475 x 0.20 = 2.95 m ³					
Total = 356.95 m ³					

Continuation

10/8/2021
 16/8/21
 A.K.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) P.V. & fix up work					
Bench Mark & Pillars					
do				8/10	
Qty = 0.70 KM (V.L. P-1, P-2, P-3)					
@ 11069 = 46/KM					₹ 7749.40
(2) Clearing & grubbing					
road land				do	
Qty = 0.53 Hect (P-1, P-2, P-3)					
@ 52970 = 33/Hect					₹ 28,074.00
(3) Constn of Embankment with					
road 1000m					
Qty = 45.84 M ³ (P-5, P-6, Mark A)					

(4) Const of Embankment with					
1000m road					
Qty = 1424.16 M ³ (P-5, P-6, Mark B)					
@ 153 = 66/M ³					₹ 218838.00
(5) Construction of Sub-					
grade & cart track					
1000m					
Qty = 156 M ³					
= 1561.00 M ³ (P-5, P-6, Mark C)					
= 356.95 M ³ (P-6, P-7, Mark D)					
= 1937.95 M ³ 1920.95					₹ 7649
@ 190 = 01/M ³					₹ 368,230.00
(6) Const of Gravel pit material					₹ 365000.00
do					
= 505.725 M ³ (P-6, P-7, Mark E)					

Continuation
 @ 2356 = 14/M³ — ₹ 1191,539.00

₹ 1893,698.00

1890465.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(129) P.V. & lay - 300 mm ϕ					
Rec. Duct pipe - do					
= 15.00 M (P-5, 9th 2/13)					
@ 840 = 25/M					12604=
(130) P.V. 8" dia - 11 MGSy Bayup					
Boarded with 'Log' - do					
= 2 Nos. (P-2, 9th 2/25)					
@ 9376 = 26 each					18,958=
1 No. - Rec. slab. C.D. - 3M x 2M					
(132) 17" w/c AC concrete in					
foundn. for str - do					
= 124.94 M ³ (P-2, 9th 1/32)					
@ 1190 = 119.02 M ³					
@ 305 = 42/M ³					36,351=
(133) Sand fill - 1" in foundn.					
do - do - do - 99					
= 2.021 M ³ (P-3, 9th 1/33)					
@ 522 = 31/M ³					1058=
(134) P.V. per M-15 (1:2.5:5)					
in foundn. do - do - 810					
= 11.74 M ³ (P-2, 9th 2/34)					
= 3.158 M ³ (P-3, 9th 2/34)					
= 14.898 M ³					
@ 5057 = 15/M ³					75,341=
					20,37,803=
					20345702

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/35) P/W in cm (1:4) 1m'					
Plan. Qh	ch			to	
= 66.80 m ² (P-3, Qh 3/36)					
Limit to 66.798 m ²					
@ 5.49 = 94/m ²				₹	357,365=
(14/36) P/V P/W in cm (1:4) 1m'					
Sub-str. ch				to	
= 42.68 m ² (P-3, Qh 3/36)					220001=
@ 5584 = 64/m ²				₹	238257=
(15/43) Plastering in cm (1:4) 15m					
thick					
= 54.68 m ² (P-4, Qh 4/43)					
@ 158 = 22/m ²				₹	8433=

					2620369
				₹	26,41,858=
(16/51) Add. C.B. Gw 3%				₹	26204=
					26,41,884=
(17/52) Add. GST. 12%				₹	314444=
					31,70,23=
(18/53) Add. Sewer (10% of Base. Rate of Materials)					
(i) Earth. Ali = 3777.95 m ²					
@ 3.46/m ²				₹	13,151=
(ii) G.B.G.I = 505.72 m ²					
@ 55.58/m ²				₹	28,109=
(iii) P.C.M. 15 = 14.898 m ²					
@ 52.026/m ²				₹	775=
(iv) P/W (1:4) = 109.46 m ²					
@ 279.209/m ²				₹	30,562=
(v) C.P (1:4) = 54.68 m ²					
or 0.82 m ³					
@ 18.459/m ³				₹	15=
				₹	72612=

Continuation

₹ 30,57,912=

3077629

