

MUSU-SC (~~Field Office~~)

Kohkoba Traja Pida Road of Progarh' goller Tal.

Schedule XLV-Form No. 134

~~Inderdeo Kumar~~

Pida (CD) Division Terma.

DIVISION

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SUB-DIVISION

3221

Measurement Book

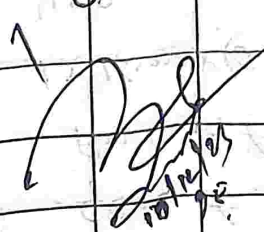
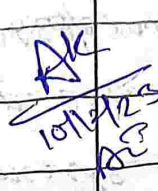
~~Inderdeo Kumar~~

P.880-07/SBD/22-23

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work $\rightarrow$ Kachbarha Phakha					
PWD Road to Magahi Yadav Tola.					
Agency $\rightarrow$ Jyotindra Kumar					
W.M. - Road no 5 R. Kankarbagh					
Ahoke Nagar, Patna - 800020.					
Agreement no $\rightarrow$ 07 (SBD) / 2022-23					
Date of work start $\rightarrow$ 29-11-2022					
Date of completion $\rightarrow$ 28-11-2023					
R.C.C. slab culvert 1.50m x 1.50m					
$\rightarrow$ X $\rightarrow$					
① Earth work in excavation for structures					
$2 \times 9.10 \times 2.14 \times 1.60 \times 2$					62.316 m ³
$4 \times 1.76 \times 1.92 \times 1.60 \times 2$					21.626 m ³
$1 \times 7.70 \times 0.100 \times 0.207 \times 2$					0.15 m ³
					84.092 m ³
Add 10% extra for slope					8.40 m ³
					92.49 m ³
② Sand filling in foundation trench as per technical specification					
$2 \times 9.10 \times 2.14 \times 1.60 \times 2$					
$1 \times 7.70 \times 1.17 \times 0.100 \times 2$					0.90 m ³
③ Providing m-15 R.C.C. m-15 in foundation					
$\rightarrow$ $\rightarrow$					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Wasm Gr-3 Cont th 12 12 12					
B. of old = 5949.40 m ²					
7 X 30.00 X 3.75					= 787.50 m ²
1 X 20.00 X 3.75					= 75.00 m ²
1 X 10.00 X 4.80					= 48.00 m ²
9 X 30.00 X 3.75					= 1012.50 m ²
1 X 15.00 X 3.75					= 56.25 m ²
9 X 30.00 X 3.75					= 1012.50 m ²
1 X 25.00 X 3.75					= 93.75 m ²
1 X 16.00 X (5.40 + 6.80) / 2					= 97.60 m ²
4 X 30.00 X 3.75					= 450.00 m ²
7 X 30.00 X 3.75					= 787.50 m ²
1 X 14.00 X 6.60					= 92.40 m ²
3 X 30.00 X 3.75					= 337.50 m ²
1 X 10.00 X 6.40					= 64.00 m ²
3 X 30.00 X 3.75					= 337.50 m ²
1 X 28.00 X 3.75					= 105.00 m ²
Total = 11306.50 m ²					
11306.50 m ² X 0.075 = 847.987 m ³					
Limit = 847.93 m ³					
Less previous qty = 395.156 m ³					
net qty of this B.M. = 452.77 m ³					
 					

2nd on A/C Bill
Abstract of cost
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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Priming and fixing of working benchmark of side peg - (8) times 2.985 km					
② 32445.28/1000					96849 = 00
(2) clearing and grubbing road land. of side peg - (8) times 1.045 hect					
③ 51137.38/hect					53439 = 00
(3) construction of embankment with material for 1000 m					
of side peg - (21) times					
824.64 m ³					
④ 190.45/m ²					157053 = 00
(4) construction of embankment with material for 100 m land. of side peg - (21) times 2468.12 m³					
⑤ 148.89/m ²					516368 = 00
(5) construction of subgrade on eastern shoulder of side peg - (8) 2594.42 of side peg - (20) 254.88 m³ 7849.3 m³					
⑥ 192.13/m ²					1508086 = 00
					2331795 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/7) Construction of granular sub base by providing well graded material.					
of side by - (17) T.m					
2197.06 m ²					
Limit - 2196.60 m ²					
@ 1996.61/m ² -					4385754201
(7/8) WBM Grading - 3					
Providing, laying, spreading and compacting of Stone					
of side by - (18) T.m					
847.93 m ²					
@ 2570.88/m ² -					217992620
(8/9) Prime coat					
Providing & applying prime coat with bit-em (5%).					
of side by - (22) T.m					
9034.90 m ²					
Limit - 9033.19 m ²					
@ 4317/m ² -					38996320
(9/10) Tack coat					
Providing & applying tack coat					
of side by - (22) T.m					
9034.90 m ²					
Limit - 9033.19 m ² @ 1491/m ² -					13468520
					16, 942212320

B. & M. 9422123200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/11) mix seal surfacing (p.s.s).					
at n/s pg - (22) T.M.M					
9034.90 m ²					
Limit 9033.19 m ²					
@ 212.14/m ² - Rs 1916301200					
(11/12) cement concrete					
Pavement 1230.					
at n/s pg - (9) T.M.M					
363.44 m ²					
@ 6546.59/m ² - Rs 2379293200					
(12/13) laying brick sloping layer on prepared					
at n/s pg - (19) T.M.M					
570.00 m ²					
@ 545.04/m ² - Rs 310673200					
(13/14) cable duct around the road. 300 mm ϕ .					
at n/s pg - (15) T.M.M					
90.00 m					
@ 1611.97/m - Rs 145077200					
(14/15) kilometre stone					
at n/s pg - (23) T.M.M					
4.00 m ²					
@ 2006.48/m ² - Rs 8026200					
(15/17) 200 m stone.					
at n/s pg - (23) T.M.M					
Rs 14181493200					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		12.00 m			
(16/19) 600 mm equilateral triangle		C. 574.71/m			6897200
adj side kg - (23) Tmp					
		12.00 m			
(17/20) 600 mm circular		C. 3418.166/m			41018200
adj side kg - (23) Tmp					
		7.00 m			
(18/21) 800 x 600 mm Rectangular		C. 4598.481/m			32189200
adj side kg - (23) Tmp					
		12.00 m			
(19/22) 600 x 450 mm Rectangular		C. 6429.364/m			77152200
adj side kg - (23) Tmp					
		7.00 m			
(20/24) Road marking with		C. 4477.661/m			31344200
hot applied -					
for B.T. Area.					
adj side kg - (23) Tmp					
		478.60 m ²			
		Limit - 477.00 m ²			
(21/25) Road marking with		C. 721.91/m			344351200
hot applied -					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
at n/w pg - (13) T.M.B					
		26.62 m ²			
		@ 5470.34/m ²			14562020
(32/36) Providing R.C.C m-25 in					
Sub structure					
at n/w pg - (14) T.M.B					
		6.96 m ²			
		@ 6352.47/m ²			4421320
(31/37) Providing bitumen painting					
over to b surface					
at n/w pg - (14) T.M.B					
		13.65 m ²			
		@ 14.910/m ²			204200
(34/38) R.C.C m-25 in Deck					
Slab					
at n/w pg - (15) T.M.B					
		3.24 m ²			
		@ 6570.53/m ²			2109420
(35/39) supplying, fitting and					
placing HYSD bar					
reinforcement in S/C.					
at n/w pg - (14) T.M.B					
		0.6867 m ²			
		@ 57381.02/m ²			39404200
(36/40) Providing and filling					
Joint sealing compound.					

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Continuation