

For work — Dhanoo Dhanawal P. Masny road to
Kharagari (Laxmi Nagar)
L. Masny. Addressed, N.D.S.

Schedule XLV-Form No. 134

12/5BD/23-24

Ramesh Kumar

DIVISION

1
Ramesh Kumar 2011-2012

SUB-DIVISION

Measurement Book

1349

3rd on A/L

21

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Durg - Dhamaul					
PMHSY road to Khagari (Laxmitole)					
Agency - Sri Anandi Kumar					
Agg. No. - 12-SBP/2023-24					
Date of start - 15/12/2023					
Date of completion or per agreement - 14/12/2024					
Agg. Value - Const - ₹				10710337.20	
Maint - ₹				808186.20	
Rate P - ₹				115118523.20	
Rate of agreement - 0.111% below					

Record Measurement				
① Const of b.s.d. and				
BT portion				
Extra widening at curve & junction				
Curve - $2 \times 2 \times 10.00 \times \frac{(5.30 + 4.05)}{2} \times 4.05$				
			$\times 0.2002$	5.00 m^3
Junction				
$1 \times 30.00 \times \frac{(6.80 + 4.05)}{2} \times 4.05$				
			$\times 0.2002$	2.75 m^3
				7.75 m^3
1 = 7.75 m^3				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① Setting out work complete with centre of bench mark & set pillars.					
Qty vide TMB P/14 item ①					
1.50 km @ ₹ 18751.00/km = ₹					18751.00
② clearing grass & removal of rubbish.					
Qty vide TMB P/14 item ②					
0.33 Hect @ ₹ 19930.80/HA = ₹					6577.26
③ Excavation for roadwork in soil.					
Qty vide TMB P/14 item ③					
87.03 m ³ @ ₹ 103.96/m ³ = ₹					9048.20
④ Removal of unsuitable soil.					
Qty vide TMB P/14 item ④					
17.41 m ³ @ ₹ 103.96/m ³ = ₹					1810.00
⑤ Centre of embankment with deposited soil					
Qty vide TMB P/14 item ⑤					
69.62 m ³ @ ₹ 83.71/m ³ = ₹					5828.20
					₹ 4204.20

Continuation

Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					₹ 42014 =
(6) Constn of embankment					
do - up to 100 m lead					
Qty vide TMB P/15 item (6)					
855.62 m ³ @ ₹ 217.07/m ³					₹ 185729 =
(7) Constn of embankment					
do - up to 1000 m lead					
Qty vide TMB P/15 item (7)					
21390 m ³ @ ₹ 267.79/m ³					₹ 572800 =
(8) Constn of subgrade					
Answer					
Qty vide TMB P/15 item (8)					
1552.08 m ³					
+ 16.17 m ³ vide TMB P/22 item (2)					
+ 174.00 m ³ vide TMB P/24 item (9)					
1742.25 m ³ @ ₹ 438.03/m ³					₹ 763158 =
(9) Constn of h-sb					
Qty vide TMB P/15 item (9)					522.63 m ³
do " P/21 item (1)					7.75 "
do " P/22 item (3)					5.67 "
					536.05 m ³
@ ₹ 2834.79/m ³					₹ 1519589 =
(10) Placing B.M. - h-sb					
Qty vide TMB P/22 item (4)					178.12 m ³
do " P/17 item (18)					42.19 "
					220.31 m ³
@ ₹ 4113.44/m ³					₹ 906232 =
					₹ 3474002 =

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area B/f
	No.	L.	B.	D.	
					₹ 5122666 ⁰⁰
(15) Plw bearing mformating high bore					
Qty vide TMB P/16 item (13)					
02 Nos. (2) ₹ 14093.44/2 unit					₹ 28186 ⁰⁰
(16) Elw in excavation for 27 structure					
Qty vide TMB P/16 item (14)					
69.34 m ³ @ ₹ 427.09/m ³ = ₹					29614 ⁰⁰
+ 14.40 m ³ vide TMB P/15					
83.74 m ³ item (16)					35765 ⁰⁰
(17) Plw Rec m-15 in founda					

Qty vide TMB P/16 item (15)					
12.43 m ³ @ ₹ 672.210/m ³ = ₹					83556 ⁰⁰
(18) Laying Rec m-15 in 32 Sub structures					
Qty vide TMB P/16 item (16)					
74.82 m ³ @ ₹ 7020.37/m ³ = ₹					525264 ⁰⁰
(19) Laying Rice NP3 H.P. 51 1000 mm dia					
Qty vide TMB P/17 item (17)					
15.00 m @ ₹ 7594.40/m = ₹					113916 ⁰⁰

₹ 5903202⁰⁰
5909353⁰⁰

Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					₹ 5903202.20
(20) CON					5909353.20
30 PIV R.R. N.B. DP 350					
mm dia cable duct					
Qty vide TMB P/15 item (11)					
40.00 m	Q	₹ 685.21/m		₹	27408.20
(21) PIV types B' bearings					
29 Qty vide TMB P/16 item (12)					
6.00 m	Q	₹ 601.14/m		₹	3607.20
					₹ 5940368.20
Leakage cess 1%				₹	59404.20
W.S.T 18.1%				₹	1069266.20
				₹	7069038.20
Sewerage Fee					(A)
Vide P/17 (TMB)				₹	70534.20
Vide item (9) 13.42 x 75.56 x 0.102					1017.20
item (8) 190.17 x 68.10 x 0.102					1295.20
item (10) 173.12 x 1434.24 x 0.102					25546.20
item (13) 2146.31 x 11.61 x 0.102					2492.20
					100884.20
Total A+B				₹	7169922.20
Less 0.11% for below rate				₹	7887.20
				₹	7162035.20
Less already paid vide TMB P/15				₹	4156682.20
				₹	3005353.20
03/05/2024 A/E					
03/05/24 A/E					