

Barro Dharmad Prasad and the
Khangari (Larviculture)
Lmmsy. A. Ashok, 1993

Schedule XLV-Form No. 134

12/5BD/23-24

Hanabi Kumar

DIVISION

1
19829 19112911 29-199011

SUB-DIVISION

Measurement Book

1349

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5th and Final Bill					
Name of Work - Dumba - Dhamaul					
PMGSY Road to Khaghi (Laxmi tota)					
Name of Agency - Sri Anand					
Kumar					
Agt. No. 12/SBD/2023-24					
Date of Start - 15/12/2023					
Intended date of Comp. - 14/12/2024					
Rate of Agt. - 0.11% Below					

Abstract of Cost

Item No. (1/1) Setting out Work

With benchmarks -

vide TMB P/34 item No. (1/1)

1.00 KM @ Rs. 18751.00/KM = Rs. 18751.00

Item No. (2/2) Clearing grass

and removal of rubbish -

vide TMB P/34 item No. (2/2)

0.33 Ha @ Rs. 19930.80/Ha = Rs. 6577.00

Item No. (3/3) Excavation for

road work in soil -

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide TM B P/34 item No. (3/3)					
Excavation 87.03 M ³ @ 103.96/M ³ = Rs. 9048.00					
Item No. (4/4) Removal of					
un-suitable Soil -					
vide TM B P/34 item No. (4/4)					
17.41 M ³ @ Rs. 103.96/M ³ = Rs. 1810.00					
Item No. (5/5) Construction					
of embankment with disposed					
soil -					
vide TM B P/34 item No. (5/5)					
69.62 M ³ @ 28.83.71/M ³ = Rs. 5828.00					
Item No. (6/6) Construction					
of embankment - up to 1000 M -					
vide MB 1351 P/50 item No. (36/6)					
1000.80 M ³ @ Rs. 217.07/M ³ = Rs. 217244.00					
Item No. (7/7) Construction of					
embankment - up to 1000m Lead -					
vide MB 1351 P/ item No. 36/6					
250.20 M ³ @ Rs. 267.79/M ³ = Rs. 67001.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (8/8) Construction of Subgrade & Earthen Shoulder - vide TMB P/35 item No. (8/8) = 1742.25 m ³					
vide MB-1351 P/39 item No. (1/8) = 547.62 m ³					
				2289.87 m ³	
2289.87 m ³ @ Rs. 438.03/m ³ = Rs. 1003032.00					
Item No. (9/9) Construction of granular Sub-base G/SB G/L - I					
vide TMB P/35 item No. (9/9) = 606.05 m ³					
vide MB-1351 P/40 item No. (3/9) = 9.46 m ³					
				615.51 m ³	
				Limit = 610.54 m ³	
615.51 m ³ @ Rs. 2834.79/m ³ = Rs. 1744842.00					
					1730753.00
Item No. (10/10) Providing, Laying Spreading and Compacting INBM - G/L - III					
vide TMB P/36 item No. (10/10) = 287.81 m ³					
vide MB-1351 P/40 item (3/10) = 4.27 m ³					
				288.94 m ³	
				292.08 m ³	
				Limit = 288.96 m ³	
292.08 m ³ @ Rs. 4113.44/m ³ = Rs. 1201454.00					
					1188620.00
Item No. (11/11) Providing and applying Primer Coat with bitumen -					
vide TMB P/36 item No. (11/11)					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2146.31 M ² @ Rs. 58.35/M ² = Rs.					125237.00
Item No. (12/12) Providing and applying tack coat -					
vide MIB P/36 item No. (12/12)					
2146.31 M ² @ Rs. 19.95/M ² = Rs.					42819.00
Item No. (13/13) Providing, laying and rolling of 20 mm thick M.S.S. -					
vide MIB P/36 item No. (13/13)					
2146.31 M ² @ Rs. 252.15/M ² = Rs.					541192.00
Item No. (14/14) Construction of un-reinforced PCC Pavement -					
vide MIB-1351 P/40 item No. (14/14)					
281.63					2100041.00
275.40 M ³ @ Rs. 7455.68/M ³ = Rs.					2053294.00
					2099743.01
Item No. (15/15) Providing & fixing informatory line board -					
vide MIB P/37 item No. (15/15) = 2.00 NOS					
vide MIB-1351 P/47 item No. (15/15) = 1.00 NOS					
					3.00 NOS
3.00 NOS @ Rs. 14093.44/Each = Rs.					42280.00
Item No. (16/16) Providing & fixing Citizen information Board -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide MB-1351 P/47 item No. (25/16)					
2.00 NOS @ Rs. 12312.02/Each = Rs. 24624.00					
Item No. (17/17) Providing & fixing of Retro-reflectorised - 60 cm equilateral triangle					
vide MB-1351 P/47 item No. (26/17)					
6.00 NOS @ Rs. 4309.40/Each = Rs. 25856.00					
Item No. (18/18) Providing & fixing of Retro-reflectorised - 60 cm Circular -					
vide MB-1351 P/47 item No. (27/18)					
4.00 NOS @ Rs. 5716.79/Each = Rs. 22867.00					
Item No. (19/19) Providing & fixing of Retro-reflectorised - 800 mm x 400 mm Rectangular -					
vide MB-1351 P/48 item No. (28/19)					
2.00 NOS @ Rs. 7899.92/Each = Rs. 15800.00					
Item No. (20/20) Providing & fixing of Retro-reflectorised - 900 mm Side octagon -					
vide MB-1351 P/48 item No. (29/20)					
1.00 NOS @ Rs. 10027.63/Each = Rs. 10028.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (21/21) Providing and fixing Boundary Pillar -					
vide MB-1351 P/48 item No. (30/21)					
48.00 NOS @ Rs. 654.41/Each = Rs.					31412.00
Item No. (22/22) Providing and fixing 200M Stone -					
vide MB-1351 P/48 item (32/23)					
4.00 NOS @ Rs. 765.08/Each = Rs.					3060.00
Item No. (23/22) Providing and fixing Kilometre Stone -					
vide MB-1351 P/48 item No. (31/22)					
2.00 NOS @ Rs. 2621.96/Each = Rs.					5244.00
Item No. (24/24) Providing and laying of hot applied thermoplastic -					
vide MB-1351 P/48 item No. (33/24)					
109.00 M ² @ Rs. 884.86/M ² = Rs.					96450.00
Item No. (25/25) Providing and laying of hot applied thermoplastic -					
vide MB-1351 P/49 item No. (34/25)					
90.00 M ² @ Rs. 970.12/M ² = Rs.					87311.00
Item No. (26/26) Planting of tree -					
vide MB ¹³⁵¹ P/49 item No. (35/26)					
22.00 NOS @ Rs. 1288.76/Each = Rs.					28353.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. (27/27) Earthwork in excavation for foundation -					
vide TMB P/37 item No. (16/27) = 83.74 m^3					
vide MB-1351 P/41 item No. (5/27) = 174.00 m^3					
					257.74 m^3
$257.74 \text{ m}^3 @ \text{Rs. } 427.00 / \text{m}^3 = \text{Rs. } 110078.00$					
Item No. (28/28) Providing					
PCC M15 in foundation -					
vide TMB P/37 item No. (7/28) = 12.43 m^3					
vide MB-1351 P/41 item No. (6/28) = 15.18 m^3					
					27.61 m^3
$27.61 \text{ m}^3 @ \text{Rs. } 6722.10 / \text{m}^3 = \text{Rs. } 185597.00$					
Item No. (29/29) Laying (first class)					
bedding on well compacted sand -					
vide TMB P/38 item No. (21/29)					
$6.00 \text{ m}^3 @ \text{Rs. } 601.14 / \text{m}^3 = \text{Rs. } 3607.00$					
Item No. (30/30) Providing and					
laying RCC NP3 - 300mm dia -					
vide TMB P/38 item No. (20/30)					
$40.00 \text{ m} @ \text{Rs. } 685.21 / \text{m} = \text{Rs. } 27408.00$					
Item No. (31/31) Laying RCC					
NP3 HPC - 1000mm dia -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide HMB P/37 item No. (19/31)					
15.00 M @ Rs. 7594.40/M = Rs. 113916.00					
Item No. (32/32) Plain/reinforced					
Cement Concrete in Substructure -					
vide HMB P/37 item No. (32/32)					
74.82 M ³ @ Rs. 7020.37/M ³ = Rs. 525264.00					
Item No. (33/33) Providing					
PCC M-20 in open foundation -					
vide MB 1351 P/42 item No. (8/33) = 5.40 M ³					
vide MB 1351 P/43 item No. (13/33) = 60.43 M ³					
				65.83 M ³	
65.83 M ³ @ Rs. 7614.17/M ³ = Rs. 501241.00					
Item No. (34/34) Providing and					
laying RCC M25 in Superstructure -					
vide MB 1351 P/45 item No. (16/34)					
20.10 M ³ @ Rs. 9121.64/M ³ = Rs. 183345.00					
Item No. (35/35) Supplying, fitting					
and placing HYSD bar-in foundation -					
vide MB-1351 P/41 item No. (7/35)					
0.38 MT @ Rs. 80034.19/MT = Rs. 30413.00					

Particulars	Details of actual measurement				Contents of area
No.	L.	B.	D.		
Item No. (36/36)	Supplying, fitting and placing HYSD bars in Substructure -				
Vide MB 1351 P/42	item No. (9/36)				
3.03 MT	@ Rs. 80257.72/MT = Rs.				243181.00
Item No. (37/37)	Supplying, fitting and placing HYSD bars in Superstructure -				
Vide MB 1351 P/44	item No. (14/37)				
1.71 MT	@ Rs. 81815.45/MT = Rs.				139904.00
Item No. (38/38)	Providing PCC M-20 in Substructure -				
Vide MB 1351 P/45	item No. (17/38)				
43.62 M ³	@ Rs. 7866.53/M ³ = Rs.				343138.00
Item No. (39/39)	Providing Weep-holes in brick masonry -				
Vide MB 1351 P/47	item No. (22/39)				
54.00 Nos	@ Rs. 153.13/Each = Rs.				8269.00
Item No. (40/40)	Providing PCC in Substructure -				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide MB-1351 P/43 item No. (10/40)					$= 14.40 m^3$
vide MB-1351 P/43 item No. (11/40)					$= 7.335 m^3$
vide MB-1351 P/43 item No. (12/40)					$= 6 m^3$
vide MB-1351 P/45 item No. (15/40)					$= 10.935 m^3$
					$29.67 m^3$
$29.67 m^3 @ Rs. 8583.57/m^3 = Rs.$					254675.00
Item No. (41/41) Back filling					
behind abutment wing wall and					
Return wall —					
vide MB-1351 P/46 item No. (21/41)					
$67.98 m^3 @ Rs. 996.15/m^3 = Rs.$					67718.00
Item No. (42/42) Providing and					
laying filter media with granular					
crushed —					
vide MB-1351 P/46 item No. (20/42)					
$36.23 m^3 @ Rs. 3309.54/m^3 = Rs.$					119905.00
Item No. (43/43) Parapet Cons-					
truction PCC-M20 in substructure —					
vide MB-1351 P/45 item No. (18/43)					
$7.20 m^3 @ Rs. 7866.53/m^3 = Rs.$					56639.00
Item No. (44/44) Painting on					
Parapet wall —					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide MB-1351 P/L item No. (19/44)					
90.24 M ³ @ Rs. 137.36/M ³ = Rs. 12395.00					
Item No. (45/45) Drainage Spouts-					
vide MB1351 P/L item No. (23/45)					
4.00 Nos @ Rs. 1525.63/Each = Rs. 6103.00					
					Rs. 10337287.00
					10410659.00
Add L. cess 1% (+)				Rs.	103373.00
					104107.00
Add G.S.T 18% (+)				Rs.	1860712.00
					1873919.00
Add S. Fee :-					
1. Earth Work = 1251.00 M ³					
@ Rs. 35.25/M ³ x 10% = Rs. 4410.00					
2. Subgrade & E. Shoulder 2289.87 M ²					
@ Rs. 68.10/M ² x 10% = Rs. 15594.00					
3. GSB G.L. I = 615.51 M ³					
@ Rs. 757.56/M ³ x 10% = Rs. 46629.00					
					46252.00
4. WBM G.L. III = 292.08 M ³					
@ Rs. 1434.24/M ³ x 10% = Rs. 41891.00					
					41442.00
5. M.S.S = 2146.31 M ²					
@ Rs. 11.61/M ² x 10% = Rs. 2492.00					
6. PCC M30 = 281.63 M ³					
@ Rs. 1071.32/M ³ x 10% = Rs. 30222.00					
					29504.00
7. PCC M15 = 27.61 M ³					
@ Rs. 1216.67/M ³ x 10% = Rs. 3359.00					
8. RCC M20 = 65.83 M ³					
@ Rs. 1126.46/M ³ x 10% = Rs. 7415.00					

