

MMHSY (Causesh) NDB
Katarri to Mahendrap Nagar to 10

Schedule XLV Form No. 134.

Palligant

387
25
DIVISION

1.00-18918

Bikram SUB-DIVISION

Page - 03/MMHSY (Causesh) NDB/2024-25

Measurement Book

779

4445 Shree construction

Certified that this M.B. Contains
100 (One hundred) Nos of Machine
Pages & issued to श्री भवेश
चन्द्र दास A.E., R.W.D. works
Sub Division..... बिरुम

800
27/6/24

Executive Engineer
Rural Work Department
Work Division, Paliganj
अ. 6/24

Sch. XLV - Form No. 134

पालीगंज DIVISION

बिरुम SUB-DIVISION

AG No - 03/SBD/MMWSY/AWSesh/
NDB/2024-25

Measurement Book - 779

हंवेकर — Shrey construction
No.

Name of Officer _____

Date of first entry _____

Date of last entry _____

40

Sch. XLV-Form No. 134

21/05/2015

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>At cement</u>	<u>4.2.3</u>				
2x2x30.0x1.00x0.20 =					24.00m ³
2x4x30.0x1.00x0.250 =					60.00m ³
2x4x30.0x1.00x0.250 =					60.00m ³
2x10.0x30.0x1.50x0.20 =					180.00m ³
2x1.0x1.55x1.325x0.20 =					82.150m ³
					<u>382.150m³</u>
					406.150m ³
<u>WBA</u>					
2x2x30.0x1.00x0.075 =					9.00m ³
2x4x30.0x1.00x0.075 =					18.00m ³
2x4x30.0x1.00x0.075 =					18.00m ³
2x10.0x30.0x1.50x0.075 =					67.50m ³
2x1.0x1.55x1.30x0.075 =					80.225m ³
					<u>153.75m³</u>
					142.725m ³
<u>Net Quantity</u>					
423.490m ³		406.150	142.725		
		+382.150	+123.75		
				2	<u>939.315m³</u>
					972.315m ³
<u>Net Quantity of Subgrade</u>					
Qty. of M.B.P. (5)					
1824.00m ³		972.315			
		+ 939.315m ³			
				2	<u>2763.63m³</u>
					2796.315
<u>② Construction of plain cement</u>					
Concrete down with P.C. grade					
M-15					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Gate	2	70.0	0.70	0.175	33.075 m ³
Wall	2	270.0	0.75	0.20	81.0 m ³
					114.075 m ³
					113.40 m ³
② Supplying, fitting & placing					
HYSD bar reinforcement - 4					
Ring - 200 mm dia x 10 mm φ					
1350.00	x	1.40	x	0.67	2 1166.13 kg
10 nos	x	270.00	x	0.395	2 1066.50 kg
					2232.63 kg
					2232 MT
③ PCC/RCC in substructure					
Complete as per drawing					
270.0	x	0.70	x	0.150	2 28.35 m ³
					26.46 m ³
④ Retro-reflectors on traffic					
sign - 4/5					
(i)	60.0 cm	equilateral triangle			10.0 nos
(ii)	60.0 cm	circle			4.0 nos
(iii)	80.0 mm x 60.0 mm	rectangle			2.0 nos
(iv)	90.0 mm	5 side octagon			1.0 nos
⑤ Kilometer stone, R.C. mile post					
Kilometer stone / Local stone					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Ordinary km stone	—				2.0 nos
(ii) 200.0m stone	—				6.0 nos
⑥ Priming on parapet wall					
Top - 6x2 x 3.60 x 0.40	=				17.280 m ³
Side - 6x4 x 3.60 x 0.60	=				51.840 m ³
Front - 6x4 x 0.40 x 0.60	2				5.760 m ³
					74.88 m ³
⑦ Construction of embankment with material obtained from pits					
S.NO	chain age	Area	Area	Area	Volume
1	0	8.202			0
2	50	9.698	8.950		447.80
3	100	9.499	9.699		489.95
4	150	9.714	9.707		485.35
5	200	9.660	9.687		489.350
6	250.0	9.709	9.685		489.225
7	300.0	8.172	8.991		497.035
8	350.0	8.382	8.297		413.850
9	400.0	1.714	5.048		252.40
10	450.0	1.773	1.799		87.175

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CAN <u>Chap. age</u>	<u>Area</u>	<u>Mean</u>	<u>Distance</u>	<u>Volume</u>	
500.0	1.765	1.749	50.0	88.430	
350.0	1.691	1.728	500.0	86.400	
600.0	1.803	1.747	50.0	87.350	
650.0	1.714	1.759	50.0	87.925	
700.0	1.743	1.729	50.0	86.425	
750.0	1.725	1.769	50.0	88.450	
800.0	1.736	1.766	50.0	88.275	
850.0	1.751	1.744	50.0	87.175	
900.0	1.765	1.758	50.0	87.900	
950.0	2.915	2.340	50.0	117.00	
1000.0	7.573	5.294	50.0	262.200	
1050.0	1.214	4.774	50.0	237.175	
1100.0	1.899	1.907	50.0	95.325	
1150.0	1.995	1.947	50.0	97.350	
1200.0	1.928	1.962	50.0	98.075	
1250.0	9.032	5.480	50.0	274.00	
1300.0	9.135	9.089	50.0	454.175	
1350.0	9.124	9.150	50.0	456.425	
1400.0	7.736	8.430	50.0	421.500	
1450.0	7.842	7.789	50.0	389.850	
1500.0	7.319	7.621	100.0	76.205	
1550.0				7754.05	
<u>20 deduction</u>					
<u>Subgrade</u>				(-)	2796.315
<u>TMB P-(41)</u>				(-)	876.615
<u>WSB TMB P-(36)</u>				(-)	422.360
<u>WBS TMB P-(31)</u>				(-)	385.560
<u>PCC TMB P-(32)</u>				(-)	2873.125

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) Setting out work compute with construction of B.M. --- cl					
Qty vid TMB P-35					
1.190 km @ Rs 17507.0				2 Rs	19958.0
(2/2) clearing goats and removal of rubbish --- cl					
Qty vid TMB P-35					
0.490 Hecy @ Rs 20291.53 = Rs					10044.0
(3/3) dismantling of structure cement mortar Qty vid TMB P-35					
3.59 m ³ @ Rs 687.18 = Rs					2467.00
(4/4) dismantling brick tile work/stone masonry --- cl					
Qty vid TMB P-35					
103.95 m ³ @ Rs 782.12 = Rs					81301.00
(5/5) Removal all type H.R. --- cl					
Qty vid TMB P-35					
300 Rm @ Rs 263.38 = Rs					7901.00
(6/6) Excavation in soil using hydraulic excavator --- cl					
Qty vid TMB P-35					
205.06 m ³ @ Rs 104.01 = Rs					21328.00
(7/7) Removal of unsuitable soil with disposal --- cl					
Qty vid TMB P-35					
41.01 m ³ @ Rs 104.01 = Rs					4265.00

Continuation

Rs 147264.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/8) Construction of Embankment with material obtained from roadway cutting - - - - -				9/5	
Qty. vide JMB P-(35)					
163.86 m ³ @ Rs 83.75 = Rs					13723.0
(9/9) Construction of Embankment with material obtained from Pits - - - - -				4/5	
Lead up to 100 m					
Qty. vide JMB P-(45)					
2239.70 m ³ @ Rs 217.22 = Rs					486508.0
(10/10) Construction of Gravel Lead up to 1000 m					
Qty. vide JMB P-(95)					
559.92 m ³ @ Rs 267.88 = Rs					149991.0
(11/11) Construction of subgrade and earthen shoulder - - - - -				9/5	
Qty. vide JMB P-(41)					
2756.315 m ³ @ Rs 438.71 = Rs					1225653.0
(12/12) WBM br-I Material - - - - -				9/5	
Qty. vide JMB P-(36)					
876.630 m ³ @ Rs 3207.62 = Rs					2811896.0
(13/13) WBM br-II Material					
Qty. vide JMB P-(36)					
422.036 m ³ @ Rs 4580.42 = Rs					1934586.0
(14/14) Prime Coat (SS4) - - - - -				9/5	
Qty. vide JMB P-(37)					
2972.225 m ² @ Rs 57.27 = Rs					170219.0

Continuation

Rs 6939840.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/15) STOKS COOL- (Rc-1) - - - - -					CL
Qty vid TMB P- (37)					
2972.255m ² @ Rs 19.64 = Rs 58374.0					
9/16) Mix Steep Surface - - - - -					CL
Qty vid TMB P- (37)					
3141.475m ² @ Rs 25.82 = Rs 79736.7					
9/17) Cement Concrete Pavement - - - - -					CL
Qty vid TMB P- (36)					
385.56m ³ @ Rs 7475.72 = Rs 2882339.0					
9/18) Construction of Plain cement concrete drain PCCM:15					
Qty vid TMB P- (42)					
113.40m ³ @ Rs 6346.62 = Rs 719707.0					
9/19) RCC gutter M20 drain Cover - - - - -					CL
Qty vid TMB P- (42)					
26.46m ³ @ Rs 7958.18 = Rs 210573.0					
20/20) Supplying, fitting and placing HYSD bars - - - - -					CL
Qty vid TMB P- (42)					
2.232MT @ Rs 80441.20 = Rs 179595.0					
21/4) Providing and fixing of typical manhole inlay					
Qty vid TMB P- (38) (45)					
20 nos @ Rs 14092.88 = Rs 281857.6					
14092.88					
Rs 42279.0					

Continuation

Rs 11830026.0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/22) Providing and fixing 100mm square stone Qty. vide TMB P-(45)					
3.0 NOS @ RS 14092.88 = RS					42279.0
(23/22) 2.0 NOS @ RS 11924.80 = RS					23850.0
(23/23) Retaining wall 100mm square 600mm square Qty. vide TMB P-(42)					
10.0 NOS @ RS 4272.44 = RS					42724.0
(24/24) 600mm circular Qty. vide TMB P-(42)					
4.0 NOS @ RS 5679.83 = RS					22719.0
(25/25) 800mm x 600mm recty Qty. vide TMB P-(42)					
2.0 NOS @ RS 7862.95 = RS					15726.0
(26/26) 900mm side octagon Qty. vide TMB P-(42)					
1.0 NOS @ RS 9990.67 = RS					9991.0
(27/27) Boundary Pillars - 0/1 Qty. vide TMB P-(42)					
48.0 NOS @ RS 652.67 = RS					31328.0
(28/28) 1m stone post - 0/1 Qty. vide TMB P-(48)					
2.0 NOS @ RS 2638.24 = RS					5276.0

RS
2376124

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50 Executive Engineer
Rural Work Department
Work Division, Paliganj

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(29/29) 2100mm stone post					
Qty via TMB P-(38)					
6.0 nos @ RS 766.85 = RS					4601.10
(30/30) Road marking with					
hot applied on RT surface					
Qty via TMB P-(38)					
166.0m ² @ RS 884.89 = RS					146892.0
(31/31) Road marking on right					
Surface					
Qty via TMB P-(38)					
126.0m ² @ RS 970.72 = RS					122311.0
(32/32) Planning of road					
three lanes					
Qty via TMB P-(38)					
17.0 nos @ RS 1305.10 = RS					22187.0
(33/33) Excavation for structure					
Qty via TMB P-(36)					
87.517m ³ @ RS 405.83 = RS					35679.0
(34/34) RCC in sub-structure					
Qty via TMB P-(37)					
20.36m ³ @ RS 6346.62 = RS					129224.0
(35/35) 600.0mm dia HRC - 4/1					
Qty via TMB P-(37)					
35.0m @ RS 3755.96 = RS					131459.0

Continuation

RS 12573997.0

Continuation

Update Material Estimate

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① 4/10 - 5595.975 m ³					
② @ RS 35.25					RS 197257.0
Stone Mosaic					
③ 53 mm to 9.5 mm					
528.978 m ³ @ RS 931.75 = RS 490080.0					
④ 9.5 mm to 2.36 mm					
210.391 m ³ @ RS 429.97 = RS 90462.0					
⑤ 2.36 mm below					
315.586 m ³ @ RS 264.78 = RS 83561.0					
⑥ 53 mm to 22.4 mm					
510.351 m ³ @ RS 1100.04 = RS 561407.0					
⑦ Stone screening					
101.366 m ³ @ RS 429.97 = RS 43584.0					
⑧ Crushed stone (chip)					
397.094 m ³ @ RS 901.46 = RS 312891.0					
⑨ Sand					
173.547 m ³ @ RS 577.80 = RS 100273.0					100273.0
⑩ Crushed stone					
242.532 m ³ @ RS 901.46 = RS 218637.0					
⑪ Sand					
121.266 m ³ @ RS 577.80 = RS 70067.0					
⑫ Stone crushed 48 mm					
(13.2 mm to 0.09 mm)					
84.819 m ³ @ RS 429.97 = RS 36470.0					
					2204687.0
10 Y. 01 SF					RS 220469-w

Continuation