

ସମ୍ପାଦନା କରାଯାଇଥିବା
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Schedule XLV Form No. 134.

ମମ୍ମମ୍ମ (NDB)

Executive Engineer

R. W. D. Works Division

Steamer

ସମ୍ପାଦନା

SUB-DIVISION

DIVISION

Measurement Book

3883

1

Name of Work—
 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.	
<u>Island Road Bill</u>					
<u>Name of Work: - Middle school</u>					
<u>to Methauru Dastola under</u>					
<u>NDB scheme.</u>					
<u>Name of Agency - M/S Bhaskar</u>					
<u>construction, Prof. Niranjan</u>					
<u>Prasad, Rajbajh, Ward No. 26</u>					
<u>P.S. + District - Saptarishi</u>					
<u>Date of Work order - 7/3/2024</u>					
<u>Date of completion 6/3/25.</u>					
<u>Date of measurement - 10/9/24</u>					
<u>1. Construction of embankment</u>					
<u>with all kinds of soil with</u>					
<u>different types of leads as per</u>					
<u>specification.</u>					
<u>chainage</u>	<u>Area</u>	<u>Mean</u>	<u>length</u>	<u>Volume</u>	
<u>in m</u>	<u>in m²</u>	<u>Area</u> <u>in m²</u>	<u>in</u>	<u>in m³</u>	
<u>DM</u>	<u>3.0</u>				
<u>100M</u>	<u>1.0</u>	<u>2.0</u>	<u>100</u>	<u>200m³</u>	
<u>200M</u>	<u>1.5</u>	<u>1.25</u>	<u>100</u>	<u>125m³</u>	
<u>223M</u>	<u>0.40</u>	<u>0.95</u>	<u>23</u>	<u>21.85</u>	
<u>Total ETW:-</u>				<u>346.85</u>	
<u>Less for cons. -</u>					
<u>(2) Grade-III: $223 \times 3.75 \times 0.675 = 62.72m^3$</u>					
<u>C.D.</u>				<u>284.13m³</u>	

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
less for c.c. p.	-	230 x 3.75 x 0.160	C.O.:-	284.13m ³
				138m ³
				146.13m ³
2. Construction of embankment with approved material as per specification.				
8-1. E/W of item No. ①				
Page - ② of T.M.B.				
m,	8-1.	x 146.13	=	11.70m ³
			Limited -	10.35m ³
3. Excavation in soil using excavator hydraulic and Tippers etc as per specification.				
11.80-1. E/W of item				
No. ① Page - ② of T.M.B.				
m,	11.80-1.	x 146.13	=	17.24m ³
4. Construction of embankment with Material obtained from borrow pits as per specification with lead - 100m.				
80.20-1. E/W of item				
No. ① Page ② of T.M.B.				
	80.20	x 146.13	=	117.20m ³
			Limited -	101.75m ³
5. Ponding and filling of working B.M				

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
With studs.					
① Thermoplastic Paint - 1.50m					
② Read strip : - 3.00m					
③ 16. Drawing and erecting direction and place identification					
④ 17. Drawing and erecting of typical MMBSY					
⑤ 18. Drawing and erecting of typical MMBSY					
⑥ 19. Drawing and erecting of typical MMBSY					
⑦ 20. Drawing and erecting of typical MMBSY					
⑧ 21. Drawing and erecting of typical MMBSY					
⑨ 22. Drawing and erecting of typical MMBSY					
⑩ 23. Drawing and erecting of typical MMBSY					
⑪ 24. Drawing and erecting of typical MMBSY					
⑫ 25. Drawing and erecting of typical MMBSY					
⑬ 26. Drawing and erecting of typical MMBSY					
⑭ 27. Drawing and erecting of typical MMBSY					
⑮ 28. Drawing and erecting of typical MMBSY					
⑯ 29. Drawing and erecting of typical MMBSY					
⑰ 30. Drawing and erecting of typical MMBSY					
⑱ 31. Drawing and erecting of typical MMBSY					
⑲ 32. Drawing and erecting of typical MMBSY					
⑳ 33. Drawing and erecting of typical MMBSY					
㉑ 34. Drawing and erecting of typical MMBSY					
㉒ 35. Drawing and erecting of typical MMBSY					
㉓ 36. Drawing and erecting of typical MMBSY					
㉔ 37. Drawing and erecting of typical MMBSY					
㉕ 38. Drawing and erecting of typical MMBSY					
㉖ 39. Drawing and erecting of typical MMBSY					
㉗ 40. Drawing and erecting of typical MMBSY					
㉘ 41. Drawing and erecting of typical MMBSY					
㉙ 42. Drawing and erecting of typical MMBSY					
㉚ 43. Drawing and erecting of typical MMBSY					
㉛ 44. Drawing and erecting of typical MMBSY					
㉜ 45. Drawing and erecting of typical MMBSY					
㉝ 46. Drawing and erecting of typical MMBSY					
㉞ 47. Drawing and erecting of typical MMBSY					
㉟ 48. Drawing and erecting of typical MMBSY					
㊱ 49. Drawing and erecting of typical MMBSY					
㊲ 50. Drawing and erecting of typical MMBSY					
㊳ 51. Drawing and erecting of typical MMBSY					
㊴ 52. Drawing and erecting of typical MMBSY					
㊵ 53. Drawing and erecting of typical MMBSY					
㊶ 54. Drawing and erecting of typical MMBSY					
㊷ 55. Drawing and erecting of typical MMBSY					
㊸ 56. Drawing and erecting of typical MMBSY					
㊹ 57. Drawing and erecting of typical MMBSY					
㊺ 58. Drawing and erecting of typical MMBSY					
㊻ 59. Drawing and erecting of typical MMBSY					
㊼ 60. Drawing and erecting of typical MMBSY					
㊽ 61. Drawing and erecting of typical MMBSY					
㊾ 62. Drawing and erecting of typical MMBSY					
㊿ 63. Drawing and erecting of typical MMBSY					

10/9/24	10/9/24
J.E.	A.E.

Material Statement for 10% Ceiling
Work for 100.

$$1. \text{ E/W} = 170.74 \text{ m}^2$$

$$@ \text{RS. } 2.25/\text{m}^2 \quad \text{RS. } 384.16 = \text{Rs.}$$

$$2. \text{ G.S.B.} = 22.30 \text{ m}^2$$

$$② \text{ 53 mm to 9.5 mm} = 11.15 \text{ m}^2$$

$$@ \text{RS. } 620.62/\text{m}^2 \quad \text{Rs. } 6920.00 = \text{Rs.}$$

$$③ \text{ 9.5 mm to 2.36 mm} = 4.46 \text{ m}^2$$

$$@ \text{RS. } 514.58/\text{m}^2 \quad \text{Rs. } 2295.00 = \text{Rs.}$$

$$\text{C.O.M. } 19599 = \text{Rs.}$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
111. Providing and laying of working B.M. quantity Under Rafe - (3), 0.223 Km.					
@ Rs. 43617.80/m.T. Rs. 9740.21					
212. clearing and grubbing Road land quantity Under Rafe - (3), 0.08 Hectare					
@ Rs. 75573.34/Hectare, 6046.21					
313. Excavation for Road Way in Soil using Manual Means Under Rafe - (3)					
17.24 m ³ Limited - 17.25 m ³					
@ Rs. 186.85/m ³ Rs. 3323.21					
414. Construction of embankment with approved material as per specification.					
Quantity Under Rafe - (2), 10.35 m ³					
@ Rs. 61.52/m ³ Rs. 637.21					
515. Excavation for Road work in Soil with hydraulic excavator, Under Rafe - (2)					
17.24 m ³ @ Rs. 103.96/m ³ Rs. 1792.21					
616. Construction of embankment					
Qty. 21538.21					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
with approved				18/10/85	21538.2
Material with lead-1000m					
Under Pave - (2) 101.75m ²					
@ Rs. 218.94/m ²					Rs. 22279.2
117. Construction of Sub					
grade and earthen show					
Later Quantity under Pave					
- (3) of T.M.B. - 41.40m ²					
@ Rs. 222.50/m ²					Rs. 9212.20
118. Construction of G.E.B.					
With well graded material					
@ per specifications					
Quantity under Pave - (4) of					
T.M.B. 17.42m ²					
@ Rs. 3932.69/m ²					Rs. 68507.20
119. Priming and laying					
stone and Compacting					
Stone Metal grade-III					
in road @ per specifications					
Quantity under Pave - (4)					
65.54m ² @ 65.33m ²					
@ Rs. 5071.39/m ²					Rs. 33131.40
1210. Construction of m					
Reinforced cement concrete					
ment in road under Pave - (4)					
139.80m ² @ 139.38m ²					
@ Rs. 9485.15/m ²					Rs. 1322040.00
					C.O.Rs. 1774890.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				ARR.	1774890:
11/11. Providing and laying reinforced concrete pipe.					
Under pipe - (5) of T.M.B.					
M, 7.5M @ RS. 1916.48				M RS.	14374:-
12/12. Reinforced cement concrete M15 grade. Kilometre					
(a) Kilo metre stone wide					
Pipe - (5) 1.0m					
@ RS. 3215.41/km RS				32152	
(b) Quarry pipe stone wide					
Pipe - (5) - 1.0m					
@ RS. 877.14 each R.				8772	
13/13. Providing and laying					
Reinforced concrete					
Mandatory					
(a) 600MM circular wide					
Pipe - (5) - 1.0m @ RS. 4178.41 R.				4179:-	
(b) 600MM circular underlay					
- (5) - 1.0m @ RS. 5550.56				5551:-	
(c) 800MM x 600MM rectangular					
Under pipe - (5) - 1.0m					
@ RS. 7678.72 each R.				7679:-	
(d) 600MM x 450MM rectangular					
Under pipe - (5) - 1.0m					
@ RS. 5410.13 each R.				5410:-	
14/14. Providing and laying					
Hot applying the mastic					
Quantity under pipe (5) 44.6m					
@ RS. 899.13/m				RS.	40101:-
				C. 899.	1856276:-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/15. Providing and laying Rumble strips.					Rs. 1856276:-
(a) Thermoplastic Paint - wide Rote - (b) - 1.50 m ²					
@ Rs. 784.81/m ²					Rs. 1177:-
(b) Road strip - wide Rote - (b), 3 NO. @ Rs. 294.42 each, 883:-					
16/16. Providing and laying of 9" deep cotton wide					
Page - (b), 1.0 NO.					
@ Rs. 14014.42 each, 14014:-					
17/17. Providing and laying of logo of M.M. 457					
Project as per drawing and plan					
Logo of Ministry, Project, Citizen					
Information board and Main board.					
Wide Rote - (b) - 5040. @ Rs. 11742.76 each, 58,714:-					
					Rs. 1931064:-
Add 1.1. Labour cess					Rs. 19311:-
Add 18.1. G.S.T.					Rs. 347592:-
Add 18.1. Scaffolding fee					Rs. 13357:-
Wide Rote - (b) of T.M.B.					Rs. 23,11,324:-
Less 0.16% below Rs. 3698:-					
10/9/24					Rs. 2307626:-
S.E.					
10/9/24					
18/9/24					

Continuation