

mmgsy (Alusesh) MB13

Schedule XLV-Form No. 134

विद्युत् रीट रीट डिवीजन

Executive Engineer
R.W.D. Work Div. Moharia

श्री. अनुराग लाल रीट रीट डिवीजन **DIVISION**

कार्य. अवर प्रभार अधिकारी

रिपोर्ट. रिपोर्ट कर-रिपोर्ट अधिकारी **SUB-DIVISION**

Ag No. 225BD 23/24

MB No- 758

MEASUREMENT BOOK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					3rd and final bill
Name of work — Construction of road					
from Binpuma road to igbalpue					
Agency — Mehandiya Construction Division P. U. Ltd.					
Apprentment — SBD-22/2023-24					
Date of start — 15/03/2024					
Date of completion — 14/03/2025					
Date of actual completion — 09/03/2025					
					 21/03/2025 AE
Abstract of cost					
①/1	Setting out pillars — do —				
	Ø15 wide TMB/P-32				
	14 Nos. @ 2869.04 each 40167.00				
②/2	Clearing and grubbing				
	of road land i/c uprooting				
	vegetation grasses etc				
	Ø15 wide TMB/P-32				
	0.61 Ha @ 76926.08/Ha 46995.00				
③/3	Box cutting excavation				
	for roadways in soil using				
	manual means — do —				
	Ø15 wide TMB/P-33				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	15 m ² @	104.01	/m ²		1560 = ∞
(4) Construction of embankment with approved materials deposited from roadway cutting — do —					
Qty vide TMB/P-33	9 m ² @	62.83	/m ²		565 = ∞
(5) Construction of materials and embankment with materials obtained from borrow pile with a lift of 1.50 mtrs transporting to site — do — with 1000 mtr lead					
Qty vide TMB/P-33	271.824 m ³ @				
	Rs 248.240.98 /m ³				70941 = ∞
(11) for 100 mtr load					
Qty vide TMB/P-34	1091.77 m ³ limit				
+ 1087.296 m ³					
(a)	188.29 Rs/m ³				204727 = ∞

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥/6 Construction of subgrade and earthen shoulders with approved materials obtained from borrow pits — do —					
Qty vide TMB P-34					
5077.16 m ³					
@ Rs. 264.57 / m ³					1342960 = 00
⑦/7 Granular subbase with well graded material					
construction of G.S.R. G.R. by providing well graded materials spreading in uniform layers etc					
Qty vide TMB/P-34					
1268.04 m ³					
@ Rs. 3938.06 / m ³					4993696 = 00
⑧/8 WBM-Gr III					
⑧/8 Providing, laying, spreading, compacting stone aggregates of specific size to water bound					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
macadam specification					
Qty vide TMB/P-35					
497.11 m ³					
@ Rs. 5904.35/m ³					2935111.200
⑨					
Prime coat					
Providing and applying					
prime coat with					
bitumen emulsion SS1					
Qty vide TMB/P-35					
5864.50 m ²					
@ Rs. 58.12/m ²					340845.200
⑩					
Providing and applying					
tack coat with					
bitumen emulsion					
using pressure distributor					
Qty vide TMB/P-35					
5864.50 m ²					
@ Rs. 19.95/m ²					116997.200
⑪					
Mill seal surface					
Providing, laying, rolling of					
close graded premix carpet					
20mm thickness					
Qty vide TMB/P-36					
5864.50 m ² @ 292.34/m ²					1720292.200

Continuation
EXECUTIVE ENGINEER

15/03/2014
Executive Engineer

Sch. XLV—Form No. 13 R.W.D. Work DIV. Mohania

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) 14 Construction of unreinforced plain cement concrete pavement thickness as per design and technical specification Qty vide TMB/P-36 121.20 m ³ @ Rs. 9330.10/m ³ 1130808=00					
(13) 15 Hand shouldering laying brick soldier layer on prepared subgrade Qty vide TMB/P-36 11.0 m ² @ Rs. 5411.6/m ² 54116=00					
(14) 16 Cable duct across road providing and laying reinforced cement concrete pipe duct 300mm dia across the road Qty vide TMB/P-37 67.50 mtr @ Rs. 1249.47/m 84339=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) 12	① Km stone				
	Reinforced cement				
	concrete M15 grade of				
	standard design				
	Ø1½" wide TMB/p-37				
	3 Nos.				
	@ Rs. 3184.11/each				9552.00
(11)	200 mtr stone				
	Ø1½" wide TMB/p-37				
	7 Nos.				
	@ Rs. 870.75/number				6095.25
(15) 18	Retroreflective traffic				
	signs Providing and				
	laying retroreflective				
	cautionary, mandatory signs				
	① 600mm equilateral Δ				
	Ø1½" wide TMB/p-37				
	4 Nos.				
	@ Rs. 5189.33 each				20757.32
(11)	900mm side octagon				
	Ø1½" wide TMB/p-38				
	2 Nos.				
	@ Rs. 13037.16				
	/number				26074.32

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11)	600mm x 450mm. rectangular Qty vide TMB/P-38 2 Nos.				
	@ Rs.	6923.15 each			13846.30
(17)	Planting of trees and their maintenance for 1 year Qty vide TMB/P-38 155 Nos.				
	@ Rs.	1305.10 each			20229.05
(18)	Road marking with hot applied thermoplastic compound with retro-reflective glass beads on bituminous surface Qty vide TMB/P-38 310m ²				
	@ Rs.	886.50/m ²			27481.50
(19)	Road marking with hot applied thermoplastic compound on cc pavement Qty vide TMB/P-39 40m ²				
	@ Rs.	886.50/m ²			35460.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20 Providing and fixing 100 of MMG4 project typical informatory sign boards — do — Qty vide TMB/P-39 5 Nos. @ Rs. 13110.63 each 65553.00					
21 HPC Earthwork in excavation for foundation Qty vide TMB/P-39 46.98 m ³ @ Rs. 4341.32/m ³ 20428.00					
22 Providing M-15 PC (1:2:5) on leveling course in foundation for plain cement concrete in open foundation Qty vide TMB/P-40 8.537 m ² @ Rs. 7749.42/m ² 66157.00					
23 Plain reinforcement concrete in superstructure as per drawings Qty vide TMB/P-40 45.492 m ² @ Rs. 8355.63/m ² 402860.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24 26 Plain reinforcement concrete in superstructure Ponding and laying Rec NP2 pipe on 1st class bedding of Rec M10 Qty vide TMB/P-40 22.50 m ²					
@ Rs. 3387.44/m ²					76217=00
25/29 Painting on parapet wall 2 coats prime coat Qty vide TMB/P-40 37.44 m ²					
@ Rs. 126.92/sq					5127=00
26 28 Scaffwork in preparation for foundation of structure - do - Qty vide TMB/P-41 111.73 m ²					
@ Rs. 434.82/m ²					48574=00
27 29 Providing concrete for plain/reinforced conc. in open foundation - do - Qty vide TMB/P-41 7.92 m ²					
@ Rs. 7749.42/m ²					61375=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) 30-41	Providing concrete for plain/reinforced concrete in open foundation do				
	Qty vide TMB/P-41				
	37.41 m ³				
	@ Rs. 8855.63/m ³				331289.00
(29) 31	Providing HYSD bar reinforcement (Fe 415 grade) Qty vide TMB/P-41				
	1.47 MT				
	@ Rs. 78762.93/MT				115782.00
(30) 32	Plain/reinforced concrete as per drawings and technical specifications in substructure do				
	Qty vide TMB/P-42				
	16.22 m ³				
	@ Rs. 8855.63/m ³				142638.00
(31) 33	Providing weep holes in brick masonry do				
	Qty vide TMB/P-42				
	36 Nos				
	@ Rs. 111.83 each				4026.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>(32)</u> 34	Providing Rcc M30 in substructure				
	Qty vide TMB/P- 42				
	10.02 m ²				
	@ Re.	9307.34/m ²			932602.00
<u>(32)</u> 35	Supplying, fitting and placing of M20 bar reinforcement as per design and drawings				
	Qty vide TMB/P- 42				
	0.86 mT				
	@ Re.	78993.30/mT			679342.00
<u>(34)</u> 36	check filling behind abutment wing walls / return walls etc				
	Qty vide TMB/P- 43				
	34.02 m ²				
	@ Re.	1007.17/m ²			342642.00
<u>(35)</u> 37	Providing and laying filter media with granular crushed aggregates etc				
	Qty vide TMB/P- 43				
	19.82 m ²				
	@ Re.	4772.50/m ²			945912.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
26/38 Plain reinforcement cement concrete in substructure as per drawings Qty vide TMB/P-42 11.38 m ³ @ Rs. 8855.63/m ³					103484.20
37/39 Providing and supplying reinforcement concrete in superstructure Qty vide TMB/P-43 (M25) 4.38 m ³ @ Rs. 10077.36/m ³					44226.00
40/40 Supplying, fitting and placing of 11.50 bar reinforcement do Qty vide TMB/P-44 0.37 MT @ 80654.02/MT					29842.00
39/42 Painting on parapet walls two coats 1/c primer coat Qty vide TMB/P-44 27.65 m ² @ Rs. 136.93/sqm					3786.00

Continuation

Continuation