

MMGSY (Awseesh) ND13

Schedule XLV-Form No. 134

बिनपुरवा रोड रेल इक्वालिपु

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

DIVISION

श्री. अफसराल टक सहायक अभियंता

कार्य: अवत प्रमडल मोहरियाँ

SUB-DIVISION

सवेदक: मेहदिया क-रुद्र भ्रम अंशलि

MB No. 22 SBD 23/24

MB No- 758

MEASUREMENT BOOK

21/03/2015
AE

Abstract of cost

①/1 setting out pillars - do -

Ø15 uide TMB/P-32

14 Nos. @ 2869.04 each 40167.20

②/2

clearing and grubbing
of road land i/c uprooting
vegetation grasses etc

Ø15 uide TMB/P-32

0.61 Ha @ 76926.08/Ha 46995.20

③/3

Box cutting excavation

for roadway in soil using

manual means - do -

Ø15 uide TMB/P-33

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1560200

④/4 Construction of embankment
with approved materials
deposited from roadway
cutting — do —

Qty vide TMB/P-33

9 m³ @ 62.83/m³

565200

⑤/5 Construction of materials
and embankment with materials

obtained from borrow
pits — with a lift —

of 1.50 mtrs transporting
to site — do —

① with 1000 mtr lead
Qty vide TMB/P-33

271.824 m³ @Rs 298.260.98 Rs/m³ 70941200

② for 100 mtr lead

Qty vide TMB/P-34

1091.77 m³ limit+ 1087.296 m³

②

188.29 Rs/m³

204727200

Continuation

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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
⑦/6 Granular subbase					
⑧/12 with well graded materials					
Construction of GSB Gr I by providing well graded materials spreading in uniform layers etc					
Qty vide TMB/P-34					
1268.06 m ³					
@ Rs. 3938.06 / m ³					4993696 = 00
⑧/8+12 WBM-Gr III					
Providing, laying, spreading, compacting stone aggregates of specific size to water bound					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
macadam specification					
Qty vide TMB/P-35					
5864.50 m ²					
@ Rs. 5904.35/m ²					2935111200
⑨ /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					340845200
⑩ /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					116997200
⑪ /11					
MM seal surfacing					
Providing, laying, rolling of					
close graded premix carpet					
20mm thickness					
Qty vide TMB/P-36					
5864.50 m ² @ 292.34/m ²					1720292200

Continuation
EXECUTIVE ENGINEER

22/03/2014

Executive Engineer

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

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 ² @ Rs. 9330.10/m ²					1130808200
13/15 Hard shoulder laying brick soling layer on prepared subgrade Qty vide TMB/P-36 100 m ² @ Rs. 5411.6/m ²					54116200
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					84339200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑮/17 ① Km stone Reinforced cement concrete M15 grade of standard design ply wide TMB/P-37 3 Nos. @ Rs. 3184.11/each 9552=00					
① 200 mtr stone ply wide TMB/P-37 7 Nos. @ Rs. 870.75/number 6095=00					
⑮/18 Retroreflective traffic signs Bridging and laying retroreflective cautionary, mandatory signs ① 600 mm equilateral Δ ply wide TMB/P-37 4 Nos. @ Rs 5189.33 each 20757=00					
① 900 mm side octagon ply wide TMB/P-38 2 Nos. @ Rs. 13037.16 /number 26074=00					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii)		600mm x 450mm rectangular			
		Qty vide TMB/P-38			
		2 Nos.			
		@ Rs. 6923.15 each			138462.00
(17) 1/19		Planting of trees and their maintenance for 1 year			
		Qty vide TMB/P-38			
		155 Nos.			
		@ Rs. 1305.10 each			202291.20
(18) 1/20		Road marking with hot applied thermoplastic compound with retro-reflective glass beads on bituminous surface			
		Qty vide TMB/P-38			
		310 m ²			
		@ Rs. 886.50/m ²			274815.00
(19) 1/21		Road marking with hot applied thermoplastic compound on cc pavement			
		Qty vide TMB/P-39			
		40 m ²			
		@ Rs. 886.50/m ²			35460.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

②②
22

Bridging and fixing

100 of MMGS project

typical informatory sign
boards — do —Qty vide TMB/P-39
5 nos.

@ Rs. 13110.63 each 65553.20

②③
23

HPC

Earthwork in excavation
for foundationQty vide TMB/P-39
46.98 m³@ Rs. 434.82/m³ 20428.20②④
24Bridging M-15 PCC
(1:2:5:5) on leveling
course in foundationff plain cement concrete
in open foundationQty vide TMB/P-40
8.537 m³@ Rs. 7749.42/m³ 66157.20②⑤
25Plain reinforcement
concrete in superstructure
as per drawingsQty vide TMB/P-40
45.492 m³@ Rs. 8855.63/m³ 402860.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) 26 Plain reinforcement concrete in superstructure Ponding and laying Rcc NPS pipe on 1st class bedding of PCC MD Qty vide TMB/P-40 22.50 mtr @ Rs. 3387.44/mtr 7627=00					
(25) 27 Painting on precast wall 2 coats 1/2 primer coat Qty vide TMB/P-40 37.44 m ² @ Rs. 136.92/sqm 5127=00					
(26) 28 Earthwork in excavation for foundation of structure — do — Qty vide TMB/P-41 111.73 m ³ @ Rs. 434.82/m ³ 48574=00					
(27) 29 Providing concrete for plain/reinforced conc. in open foundation — do — Qty vide TMB/P-41 7.92 m ³ @ Rs. 7749.42/m ³ 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 ²					
@ 8855.63/m ²					331289200
(29) 31 Providing NYSD bar reinforcement (Fe 415 grade) Qty vide TMB/P-41 1.47 MT					
@ Rs. 78762.93/MT					115782200
(30) 32 Plain/reinforced concrete as per drawings and technical specifications m ² Substructure — do — Qty vide TMB/P-42 16.22 m ²					
@ Rs. 8855.63/m ²					14263800
(31) 32 Providing weep holes in brick masonry — do — Qty vide TMB/P-42 36 Nos					
@ Rs. 111.83 each					4026200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
32 34	Bounding Rcc M30 in substructure Qty vide TMB/P-42 10.02 m ²				
@ Re.	9307.34/m ²				93260200
33 35	Supplying, fitting and Placing of M25 bar reinforcement as per design and drawings Qty vide TMB/P-42 0.86 mT				
@ Re.	78992.30/mT				67934200
34 36	Backfilling behind abutment wing walls/ return walls etc Qty vide TMB/P-43 34.02 m ²				
@ Re.	1007.17/m ²				3426400
35 37	Bounding and laying filter media with granular crushed aggregates etc Qty vide TMB/P-43 19.82 m ²				
@ Re.	4772.50/m ²				9459100

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) / 38 Plain reinforcement cement concrete in substructure as per drawings					
Qty vide TMB/P-43				11.88 m ³	
@ Rs. 8855.63 / m ³					103434200
(37) / 39 Providing and supplying reinforcement concrete in superstructure (M20)					
Qty vide TMB/P-43				4.38 m ³	
@ Rs. 10097.36 / m ³					44226200
(38) / 40 Supplying, fitting and placing of HYSD bar reinforcement — do					
Qty vide TMB/P-44				0.37 MT	
@ 80654.02 / MT					29842200
(39) / 42 Painting on parapet wall two coats i/c primer coat					
Qty vide TMB/P-44				27.65 m ²	
@ Rs. 136.93 / sqm					3786200

Continuation

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