

MMSY NEWS

M.B.NO-3318

Schedule XLV-Form No. 134

ପ୍ରଦାନ କରାଯାଇଥିବା ସୂଚନାଗୁଡ଼ିକ ଲିଖିତ ଭାବରେ ପ୍ରଦାନ କରାଯାଇଛି ।

ପଞ୍ଜୀକରଣ ନମ୍ବର - 62513D/20.21

DIVISION

ସୂଚନା ଦିଆଯାଇଛି ଯେ ଏହି ସୂଚନା (୨୮୦.୫୫ ଏବଂ ୨୮୧)

ସୂଚନା ଦିଆଯାଇଛି ଯେ ଏହି ସୂଚନା

SUB-DIVISION

ପ୍ରଦାନ କରାଯାଇଛି

Measurement Book

M.B.NO-3318

2nd and final bill

10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Tarwar ke					
chamuhani se amprakesh					
chh Singh ke Uhar se mangoli					
Sima, kut ke Bathan tak					
Name of agency - Bahvauli					
construction (Prop - Preim					
Sagar Singh					
Date of start of work - 29/07/2020					
Date of completion - 28/04/2021					
Agreement no - 62SBD/2020-21					

Measurement

1. Box cutting					
Excavation for roadway					
in soil - do -					
2 x 10 x 20 x 0.375 x 0.10 =					15.0 m ³
2. const. of subgrade and					
earthen shoulders					
in right road					
side of WBM					
2 x 10 x 20 x 0.625 x 0.075 =					18.75 m ³
side of PCC road					
2 x 10 x 20 x 0.625 x 0.10 =					40.0 m ³
Total					58.75 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ const. of granular subbase by providing coarse graded material as per tech. specification					28.12m ³
Widening	2X	10X	20X	0.375X	0.10 = 15.0m ³
Profile correction	1X	15X	3.0X	0.10 =	4.50m ³
				Total	19.50m ³
④ 1:1Bm gr-II					
Providing, laying, spreading and compacting stone aggregates as per tech. specification					
	10X	20X	3.750X	0.075 =	56.25m ³
For extra widening	5X	20X	(3.90 - 3.75)X	0.075 =	1.125m ³
				Total	57.375m ³
⑤ const. of unreinforced plain cement concrete as per tech. specification					
	10X	20X	3.75X	0.160 =	120.0m ³
Extra widening	5X	20X	(3.90 - 3.75)X	0.16 =	2.40m ³
				Total	122.40m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
Providing and applying primer coat with bitumen emulsion					
do					
10 x 30 x 3.75 =					1125 m ²
6 x 30 x 3.80 =					684 m ²
6 x 30 x 3.85 =					693 m ²
Total					2502 m ²
⑦ Tack coat					
Providing and applying tack coat with bitumen emulsion					
do					
Area used for tack coat is same as area used for prime coat					2502 m ²
⑧ Mix seal surface					
Providing, laying and rolling of class-graded premix surface					
do					
as per tech. specification					
Area used for MSS is same as area used for tack coat					2502 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Providing and laying of a reinforced cement concrete pipe 21/09/21 per tech. specifications ant = 8.0m					
(10) Boundary pillar Reinforced cement concrete m-15 grade do ant = 13 No.					
(10) Kilometer stone Reinforced cement concrete m-15 grade (i) kilometer stone = 2 No. (ii) 200 m stone = 4 No.					
(11) Providing and fixing of retro-reflectors cautionary, mandatory and informative sign board do (i) 600mm equilateral triangle = 1 No. (ii) 600mm circular board = 1 No. (iii) 600mm x 450mm rectangular board = 1 No.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Direction and place identification signs providing and erecting direction and place identification do					
(i) Direction sign board =	1 No.				
(ii) Intermediate sign board =	1 No.				
	Total				2 No.
(13) Road marking with hot applied Thermoplastic					
Providing and laying of hot applied Thermoplastic compound - do -					
2x32x25x	0.10				160m ²
2x2x30x	0.10				12m ²
	Total				172m ²
(14) Planting of trees and by the road side - do -					
	ant =				50 No.
	ant =				60 No.
(15) Providing and fixing of typical informatory sign board - do -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Providing & fixing of logo of project					1 No.
(ii) masonry board					1 No.
(iii) citizen information board					1 No.
<u>or</u>					
				Total	3 No.
					1 No.
(16) Brick masonry work					
in cement mortar 1:3					
in parapet					
do					
as per tech. specification					
RP 200	2 X	6.0	X 0.40 X 0.60		= 2.88m ³
(17) Providing RCC m-20					
architectural coping					
do					
	2 X	6.0			= 12m
(18) Plastering with cement mortar (1:4) on					
brick work					
Side face	4 X	6 X	0.6 X		= 14.40m
Top	2 X	6 X	0.4		= 4.80m
Front face	4 X	0.40 X	0.6		= 0.960
				Total	20.160m ²
(20)					
21/04/2021					
RP					
21-4-2021					
AE					
JE					
Lakshmi					

Continuation

6/04/2021

Material statement

16

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
material statement					
①	E/W = 58.75 m ³				
②	stone metal = 197.068 m ³				
③	coarse sand = 65.55 m ³				
④	stone screening = 13.77 m ³				
⑤	Brick - 1440 No.				
⑥	Emulsion SS-1 = 2.1159 MT				
⑦	Emulsion - RS-1 = 0.68626 MT				
⑧	Bitumen vg-10 = 4.7538 MT				
⑨	crushed stone chips = 67.554 m ³				

Emulsion SS-1 and RS-1 has been taken from bill no - PY-21-22 EB0003 dated 06/04/2021 from Emulze bitumen Pvt. Ltd.					
Ant of SS-1 = 2.200 MT					
consumption = 2.1159 MT					
Bal = 0.0841 MT					
Ant of RS-1 = 0.800 MT					
consumption = 0.68626 MT					
Bal = 0.11374 MT					
Bitumen vg-10 has been taken from invoice no - 20225869B000025 dated - 02/04/2021 of I.O.C.L.					
Ant. of bitumen = 4.836 MT					
consumption = 4.7538 MT					
Balance = 0.0822 MT					

G Singh
 21/04/2021
 JE
 RPS
 21-4 Continuation
 AE
 C. K. Singh

Abstract of cost

17

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars					
do					
Qnt = 0.860 Km P- (1)					
Item - (1) @ Rs 6051.99/Km					
					= Rs 5204 =
2. clearing and grubbing					
road land - do					
Qnt = 0.34 Hect					
P- (1) item - (2)					
@ Rs 51133.76/hect = Rs 17590 =					
3. Box cutting					
Excavation for roadway					
do					
Qnt = 22.575 m ³ P- (2)					
item - (3) + (4) 15.0 m ³					
Page - (10) item - (1)					
= 22.575 + 15.0 =					
@ Rs 126.24/m ³ = Rs 47432					
(4) const. of embankment					
do					
Qnt = 22.55 m ³ P- (2)					
item - (4) @ Rs 88.36/m ³					
					= Rs 1992 =
(5) const. of embankment					
do					
Qnt = 168.01 m ³ Page - (2)					
item - (5) @ Rs 184.30/m ³					
					= Rs 30964 =
Continuation					
C/TOTAL Rs 60493 =					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) const. of culgrade of earthen shoulder					
— — — do — — —					
Qnt = 1127.85 m ³					
Page - (3) item - (6)					
@ R _o 210.88/m ³ =				R _o 237841=	
(4) Qnt = 58.75 m ³					
Page - (10) item - (2)					
= 1127.85 + 58.75					
=					
@ R _o 210.88/m ³ =				R _o 250230.	
(7) const. of granular culbese					
— — — do — — —					
Qnt = 483.90 m ³ P - (4)					
item - (7) + Qnt = 19.50 m ³					
Page - (11) item - (3)					
= 483.90 + 19.50 =				503.4 m ³	
@ R _o 3548.82/m ³ =				R _o 17864762	
(8) WBM gr - III — — do —					
Qnt = 187.65 m ³ P - (4)					
item - (8) + Qnt = 57.375 m ³					
P - (11) item - (4)					
= 187.65 + 57.375					
= 245.025 m ³					
@ R _o 4301.87/m ³ =				R _o 1054065=	

Continuation
C/F R_o 3151264=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Providing & fixing logo project - - do -					
ent = 2 No. p - (5)					
item - (9) (F) ent = 1 No.					
Page - (15) item - (15)					
= 2 + 1 = 3 No.					
@ Rs 9417.13 / No. = Rs 28251 =					
(10) Providing and laying of reinforced cement concrete - - do -					
ent = 8 m Page - (5)					
item - (10) @ Rs 836.95					
= Rs 6695 =					
(11) const. of unreinforced plain cement concrete - - do -					
ent = 122.40 m ³					
Page - (11) item - (5)					
@ Rs 7850.17 / m ³ = Rs 960861 =					
(6) Prime coat.					
(12) - - do -					
ent = 2502 m ² p - (12)					
item - (6) @ Rs 45.43 / m ²					
= Rs 113665 =					
(7) Tack coat - - do -					
(13) ent = 2502 m ² p - (12)					
item - (7) @ Rs 15.63 / m ²					
Continuation = Rs 39106 =					
C/o Total Rs 4299842 =					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) mix seal surface					
(14) — do —					
Qnt = 2502 m ² P- (12)					
item - (8) @ Rs 249.13/m					
				= Rs	6233232
(9) Boundary pillar					
(15) — do —					
Qnt = 13 No. P- (13)					
item - (9) @ Rs 512/m					
				= Rs	66562
(16) Kilometer stone					
Reinforced cement concrete					
(i) kilometer stone					
Qnt = 2 No. P- (13)					
item - 10(i) @ Rs 2279.32					
				= Rs	45582
(ii) 200m stone					
Qnt = 4 No. P- (13)					
item - (ii) @ Rs 634.71					
				= Rs	25392
(16) Providing & fixing of					
(17) retro-reflection's of					
cautionary — do —					
(i) 600 mm equilateral					
triangle					
Qnt = 1 No. P- (13) item					
11(i) @ Rs 3582.12/m					
				= Rs	3582

C/O Total Rs 49405002

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circular board - do -					
ant = 1 No. P- (12)					
item - 11(ii) @ Rs 4740.23					
					= Rs 4740.23
(iii) 600x450mm equilateral board - do -					
ant = 1 No. P- (13)					
item - 11(iii) @ Rs 4643.72					
					= Rs 4643.72
(12) Direction & Place identification signs					
- do -					
ant = 2 No. P- (14)					
item - (12) @ Rs 10439.05					
					= Rs 20878.10
(13) Road marking with hot applied Therm. plastic - do -					
ant = 172 m ²					
Page - (14) item - (13)					
@ Rs 735.44/m ² = Rs 126496.28					
(14) Planting of trees by the road side - do -					
ant = 60 No. P- (14)					
item - (14) @ Rs 822.26					
					= Rs 49335.60
Continuation					
C/O Total Rs 5146592.20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Providing & fixing of					
(21) typical masonry					
sign board					
do					
ent = 2 No. (5)					
item - (9) + ent - 1 No.					
Page - (15) item - (15)					
2+1 = 3 No.					
@ Rs 9417.13 / M =					
					Rs 28251
(16) Brick masonry work					
(21) do					
ent = 2.88 m ² (15)					
item - (16) @ Rs 6543.90					
					Rs 18846
(17) providing PCC M-20					
(22) do					
ent = 12 m (15)					
item - (17) @ Rs 426.18					
					Rs 5114
(18) plastering with cement					
(23) mortar					
do					
ent = 20.16 m ²					
Page - (15)					
item - (18)					

Continuation

5198803

c/o tntar B 5170552

Continuation