

INBIBRICS

1st B.N.D. 3103

ପ୍ରାଥମିକ ଶିକ୍ଷା ସମ୍ପର୍କରେ ଗ୍ରାମବାସୀଙ୍କୁ ସୂଚନା ଦେବା ପାଇଁ ଏହି ପତ୍ର
ପ୍ରସ୍ତୁତ କରାଯାଉଅଛି ।

Schedule XLV Form No. 134.

ପଞ୍ଜୀକରଣ ନମ୍ବର. 28, S.B.D/18-19

ପ୍ରାଥମିକ ଶିକ୍ଷା ସମ୍ପର୍କରେ

ଶିକ୍ଷକଙ୍କୁ ସୂଚନା ଦେବା ପାଇଁ ଏହି ପତ୍ର ପ୍ରସ୍ତୁତ କରାଯାଉଅଛି ।

DIVISION

SUB-DIVISION

ଗ୍ରାମବାସୀଙ୍କୁ

Measurement Book

1st B.N.D. 3103

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Harpur Kothi					
Makhampur Panchayat					
Tola tak					
Name of Agency - Sandeep Kumar					
Agreement no - 28SBD/2018-19					
Date of start of work - 11/10/2018					
Date of completion - 10/10/2019					
<u>Measurement</u>					
① const. of subgrade & earthen shoulders					
do					
For flexible road					
Adjacent of WBM			1.025		
2 X 2.7 X 2.5 X 1.025				0.075	103.78
② const. of granular subbase					
do					
For flexible road					
For brick road					
1 X 2.5 X 3.0 X 0.10					7.5m
widening					
2 X 2.5 X 0.525 X 0.20					5.25m
Total					12.75m ³
③ WBM gr III					
③ Providing, laying, spreading					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
and compacting stone aggregates - do -					
For flexible road					
1.5 x 2.5 x 3.75 x 0.075 =					105.465
widening 2 x 11 x 5 x 0.12 x 0.075 =					0.99 m
For rigid road extra widening					
2 x 10 x 6 x 0.12 x 0.075 =					1.08 m
Total					107.538
④ Prime coat					
Providing and applying primer coat with bitumen emulsion					
SS-1 - do -					
27 x 25 x 3.75 =					2531.25 m
for extra widening 2 x 11 x 5 x 0.12 =					13.20 m ²
Total					2544.45
⑤ Tack coat					
Providing and applying tack coat with bitumen emulsion PS-1 - do -					
Area used for tack coat is same as area used for prime coat - ent =					2544.45
⑥ Mix seal surfacing					
Providing, laying and rolling of class graded premix - do -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Area used for mix seal surfacing is same as area used for tack coat					ent = 2544.45
⑦ construction of unreinforced plain cement concrete — — — do —					
Extra widening					
2X 10X6X0.12X					
4X 5X 0.20X 0.16 =					0.64 m ²

⑧ Reinforced cement concrete m-15 grade — — — do —					
(i) K m stone				ent =	2 NO.
(ii) 200 m stone				ent =	4 NO.
⑨ Traffic sign Providing & fixing of retro-reflective cautionary, mandatory and informative sign board — do —					
(i) 600 mm equilateral triangle —				ent =	4 NO.
(ii) 600 mm circular board —				ent =	2 NO.
(iii) 600 mm x 450 mm rectangular board				ent =	2 NO.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Providing and fixing of typical mmmsy maintenance board					
— do —					
maintenance board ent:					1 No.
(11) Road marking with hot applied Thermoplastic compound — do —					
2X 27X25X0.10 =					135.0 m
By Singh 13/12/2021 JE					

material statement

(1) E/W =	103.78 m ³		
(2) stone metal =	142.936 m ³		
(3) coarse sand =	3.348 m ³		
(4) stone screening =	25.80 m ³		
(5) Prime coat (SS-1) emulsion =	2.15187 mt		
(6) Tack coat (RS-1) emulsion =	0.697906 mt		
(7) Bitumen material Vg-10 =	4.834455 mt		

By Singh
13/12/2021
JE

Continuation

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 —					
bench marks					
ent = 1 No. P - ①					
item - ① @ Rs 3926.87 =					
				Rs	3926 =
② Providing & fixing of					
reference pillar					
— do —					
ent = 4 No. P - ①					
item - ② @ Rs 1815.52					
				= Rs	7262 =
③ clearing & grubbing					
road land — do —					
ent = 0.308 Hect					
P - ① item - ③					
@ Rs 48772.70/hect.					
				= Rs	15021 =
④ Excavation for road					
work in soil					
— do —					
ent = 86.250 m ³					
P - ② item - ④					
@ Rs 77.65/m ³ =				Rs	6697 =
⑤ const. of embankment					
with material obtained					
from borrow pits					
— do —					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) For 1000 m lead					
ent = 242.46 m ³					
P- (2) item - 5 (A)					
@ Rs 155.64/m ³					
				Rs	37735:
(B) For 100 m lead					
ent = 565.74 m ³					
P- (2) item - 5 (B)					
@ Rs 134.82/m ³					
				Rs	76273:
(C) const. of subgrade					
& earthen shoulder					
do					
ent = 365.512 m ³					
P- (3) item - (6) (+)					
ent = 103.78 m ³					
P- (13)					
item - (1)					
= 365.512 + 103.78					
= 469.292 m ³					
@ Rs 157.38/m ³					
				Rs	73857=
(7) const. of granular					
subbase - do					
ent = 364.875 m ³					
P- (3) item - (7) (+)					
ent = 12.75 m ³					
P- (13)					
item - (2)					
= 364.875 + 12.75					
= 377.625 m ³					
@ Rs 2940.68					
limit 372.123					
				Rs	110474=
					1094294:

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) WBM gr-LTI					
do					
ent = 57.656 m ³ P-(4)					
itm - (8) + ent = 84.375 m ³					
P-(7) itm - (12) (+)					
ent = 107.538 m ³ P-(14)					
itm - (3) =					
57.656 + 84.375 + +					
107.538					
Total = 249.569 m ³					
@ Rs 3983.83/m ³ = Rs 99424					
(9) Cont. of un-reinforced plain cement concrete					
do					
ent = 123 m ³ P-(4)					
itm - (9) (+) ent = 0.64 m ³					
P-(15) itm - (7)					
= 123 + 0.64 = 123.64 m ³					
limit to 123.62 m ³					
@ Rs 7775.03/m ³ = Rs 961149 =					
(10) Providing & fixing of typical masonry in formwork					
sign board - do -					
ent = 2 No. P-(4) itm - (10)					
+ ent = 1 No. P-(16) itm - (16)					
itm - (10) = Total ent = 3 No.					
@ Rs 9754.78/m ³ = Rs 29264 =					

3315898
3299718 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Excavation - do -					
Qnt = 26.62 m ³ P-(5)					
item - 11 (i) @ Rs 254.55/m ³					
				= Rs	6776 =
(ii) Bedding in PCC m-15					
do -					
Qnt = 2.13 m ³ P-(5)					
item - 11 (ii) @ Rs 386.68					
				= Rs	823 =
(iii) PCC m-15 in open foundation - do -					
Qnt = 1.62 m ³ P-(5)					
item - 11 (iii)					
@ Rs 6002/m ³				= Rs	9723 =
(iv) Head wall brick masonry - do -					
Qnt = 14.02 m ³ P-(5)					
item - 11 (iv) @ Rs 5647.82					
				= Rs	79182 =
(v) Providing & laying pipe NP-83 600 mm dia					
do -					
Qnt = 7.50 m P-(6)					
item - 11 (v) @ Rs 1586.14					
				= Rs	11896 =

Continuation

3424298

3408118 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(vi) Plastering with cement mortar					
— — do — —					
ent = 14.02 m ²				P-(7)	
itm - 11 (vi) @ Rs				160.07	
				= Rs	2244 =
(12) Prime coat					
— — do — —					
ent = 2544.45 m ²					
P- (14) itm - (4)					
@ Rs 48/m ² = Rs					122133
(13) Tack coat					
— — do — —					
ent = 2544.45 m ²					
P- (14) itm - (5)					
@ Rs 16.11/m ² = Rs					40991 =
(14) Mix seal surfacing					
— — do — —					
ent = 2544.45 m ²					
P- (14) itm - (6)					
@ Rs 233.24/m ² = Rs					593467
(15) Reinforced cement concrete m-10 grade					
(i) Km stone — ent = 2M.					
P- (15) itm - 8 (1) @ Rs					2832.93
					= Rs 5665 =

Continuation

4188798 =

4172618 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200 m stone					
Qnt = 4 No. P- (15)					
Item - 8 (ii)					
@ Rs 667.91/H. = Rs 2671 =					
(16) Traffic sign					
--- do ---					
(i) 600 mm equilateral triangle					
Qnt = 4 No. P- 15					
Item - 9 (i) @ Rs 1778.72 =					
				Rs 71142	
(ii) 600 mm circular					
Qnt = 2 No. P- (15)					
Item - 9 (ii) @ Rs 1846.88					
				Rs 36932	
(iii) 600 mm x 450 mm rectangular board					
Qnt = 2 No. P- (15)					
Item - 9 (iii) @ Rs 1839.90					
				Rs 3679 =	
(17) Road marking with Thermoplastic compound - etc -					
Qnt = 135 m ² P- (16)					
Item - (11) @ Rs 860.56/m ² = Rs 116175					
				Total Rs 4322130	
				Total Rs 4322130	
				4305950	

GA

C/o Total Rs 4305950
Continuation

Continuation