

PMGSY (NDB) BRPP Chapter-2

Pr.13.NO-3420

PMGSY का प्र.अ.सं.13/2/444/1319 (44)
Schedule XLV-Form No. 134

Ag.NO-31/SBD/2020-21

Contractor:- Sri-Ravindra Kumar Singh

Sri-Kam Pukar Singh. (A.E)

DIVISION

Ekmga.

SUB-DIVISION

MEASUREMENT BOOK

Pr.13.NO-3420

1st on RA/C bill

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(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Pmmsy Path par					
Jamanpura to Sasna Gawn tk					
Agency - Ravindra kumar Singh					
Agreement no - 31/SBD/2020-21					
Date of start of work - 25/08/2020					
Date of completion - 24/08/2021					
<u>Measurement</u>					
1. Setting out pillars - do -					
(i) Bench mark pillars					
- - - do				entz	1 No.
(ii) Reference pillars - do -					
				entz	3 Nos.
2. clearing and grubbing road					
land — do —					
30 x 25x					
30 x 25 X 3.5 = 2625 m ²					
= $\frac{2625}{10000}$ = 0.262 hect					
				∴ ent	0.262 hec

Continuation

				$3 \times 30 \times 3.60 \times 0.075 = 24.3$	
			Total	107.325m ³	
			Total	83.025m ³	

Q ⁿ	9	30	3.70	=	999 m ²
	1	30	3.60	=	108 m ²
				Total	1107 m ²

(6) Tack coat
Providing and applying
tack coat with (RS-1)
do

Continuation
Area used for tack coat

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Providing and fixing of retro-reflective cautionary, mandatory do —					
(i) 600mm equilateral triangle —					ent = 4 No.
(ii) 600mm circular board —					ent = 2 No.
(iii) 600mm x 450mm rectangular board —					ent = 2 No.

⑩ Providing and fixing of typical minor informative sign board with legs — do —					ent = 3 No.
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⑪ Road marking with hot applied Thermo-plastic compound					
(i) on BT surface					
2 x 10 x 30 x 0.1 =					60 m ²
(ii) on CC surface					
2 x 10 x 25 x 0.1 =					25 m ²
					50 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) const of embankment with material obtained from borrow pits - do -					
(i) For 1000 m lead					
					$2 \times 8 \times 25 \times 0.75 \times 0.75 = 225 \text{ m}^3$
					Limit 218.97 m^3
(ii) For 100 m lead					
					$2 \times 10 \times 25 \times 1.1 \times 0.95 = 522.50 \text{ m}^3$
					Limit 510.93 m^3
Working 13/08/2021 JE	RPS 13-8-2021 AE				

Material statement					
(1) E/W	=	729.90	m ³		
(2) stone metal aggregates	=	433.992	m ³		
(3) coarse sand	=	116.21	m ³		
(4) stone screening	=	19.926	m ³		
(5) Bitumen emulsion (SS-1)	=	0.9362	MT		
(6) Bitumen emulsion (RS-1)	=	0.3036	MT		
(7) Bitumen material (vg-10)	=	2.1033	MT		
(8) stone crushed aggregate	=	29.889	m ³		

Continuation

Working
13/08/2021
JE

RPS
13-8-2021
AE

Abstract of cost

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars					
(i) Bench mark pillars					
— do —					
ent = 1 No. P- (1)					
item - 1 (i)					
@ Rs 3943.29/M = Rs 3943 =					
(ii) Reference pillar					
— do —					
ent = 3 No. P- (1)					
item - 1 (ii)					
@ Rs 1821.17/M = Rs 5463 =					
(2) Clearing & grubbing					
road land - do -					
ent = 0.262 hect					
P- (1) item - (2)					
@ Rs 49174.86/h					
Rs 12883 =					
(3) cost of granular subbase - do -					
ent = 2210.60 m ³ P- (2)					
item - (3) @ Rs 2913.86					
Rs 613659 =					
(4) WBM of 11T					
— do —					
ent = 83.025 m ³ P- (2)					
item - (4) @ Rs 3923.67					

Continuation = Rs 325762 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Prime coal					
— do —					
ant = 1107 m ² P-(2)					
itm - (5) @ Rs 50.15/m ²					
				Rs 55516=	
(6) Tack coal					
— do —					
ant = 1107 m ² P-(2)					
itm - (6) @ Rs 17/m ²					
				Rs 18819=	
(7) Mix seal surfacing					
— do —					
ant = 1107 m ² P-(3)					
itm - (7) @ Rs 252.75					
				Rs 279794=	
(8) Cont. of un-reinforced plain cement concrete					
— do —					
ant = 145.952 m ³ P-(3)					
itm - (8) @ Rs 7767.92/m ³					
				Rs 1133743=	
(9) Providing and fixing of retro-reflectored cautionary — do —					
(i) 600mm equilateral triangle					

Continuation

ant = 4 No. P-(4)

itm - 9 (i) @ Rs 4552.14

= Rs 18208=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circular board — do —					
ent = 2 No. P- (4)					
item - 9 (ii)					
@ Rs 5804.63 / M = Rs					11609 =
(iii) 600mm x 450mm rectangular board — do —					
ent = 2 No. P- (4)					
item - 9 (iii)					
@ Rs 5676.42 / M = Rs					113522
(10) Providing & fixing of typical mm ss of informatory sign board — do —					
ent = 3 No. P- (4)					
item - (10) @ Rs 10227.99					
					= Rs 30683 =
(11) Road marking with hot applied Thermoplastic compound					
(i) BT surface					
ent = 60 m ² P- (4)					
item - 11 (i) @ Rs 850.92					
					= Rs 51055 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) cc surface					
ent = 50 m ² P-④					
item - 11(ii)					
@ Rs 951.71/m ² = Rs					47585=
(12) Cont. of embankment with material do					
(i) For 1000 m lead					
ent = 218.97 m ³ P-⑤					
item - 12(i)					
@ Rs 187.19/m ³ = Rs					40988=
(ii) For 100 m lead					
ent = 510.93 m ³ P-⑤					
item - 12(ii)					
@ Rs 142.31/m ³ = Rs					727092
Total Rs					2733771=
By Insp. 13/08/2021 JE	RP Sur 13-8-2021 AE				21/4/22 AE
					21/4/22 BAE

Continuation