

PMGSY SC

Schedule XLV-Form No. 134

Pr.B.No-3174

पकमा-नाजपुर गुरुय पथ-से सकसुद 9/9/2019-20

Ag.No.

DIVISION

सुदक-मह कुमर

भी-सादी-शरदा-प्रसाद-यादव SUB-DIVISION

पकमा

MEASUREMENT BOOK

Pr.B.No-3174

4th and final bill

30

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—					
Const. of road					
from Ekma Tajpur mukhya					
Path se malsud Baba					
Kabristan tak					
Name of agency—					
Madhu Kumari					
Agreement no—					
22 SBD/2019-2020					
Date of start of work—					
18/07/2019					
Date of completion—					
17/07/2020					

Measurement

H.P. Culvert

b. ~~Prime~~

① Providing 1.5mm
cement punning

as per tech. specification

Top	2X6.150X0.40	=	4.920m ²
Ends	4X0.40X1.2	=	1.920
Inner side	2X6.150X0.60	=	7.380
Total			14.220m ²

for 2 No. culvert

$$2 \times 14.220 = 28.440m^2$$

② Painting two coats on
new concrete surface

$$2.5 \times 2 \times 6.150 \times 3.780 = 116.235$$

for No. of culvert = 2 No.

Continuation
Total amt 2x116.235 = 232.470 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Prime coat					
Providing and applying					
primer coat with					
bitumen emulsion (SS-1)					
AT curve	31	25	3.75	=	2906.25
	41	25	4.35	=	4350
				Total	3341.25 m ²
(4) Tack coat					
Providing and applying					
tack coat with bitumen					
emulsion - slo - -					
as per tech. specification					
Area used for					
tack coat is same					
as area used for					
prime coat =					3341.25 m ²
(5) B mix seal surface					
Providing laying and					
rolling of class graded					
premix - slo - -					
as per tech. specifi					
Area used for mss					
is same as area					
used for tack					
coat =					3341.25 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Kilometer stone					
Reinforced cement concrete m-15 grade					
— do —					
① Kilometer stone =					2 No.
② 200m stone =					5 No.
⑦ Boundary pillar					
Reinforced cement concrete					
m-15 grade boundary pillars - do —					
=					160 No.
⑧ Traffic sign					
providing and fixing of retro reflective cautionary, mandatory and informatory sign board - do —					
(i) 600mm circular board —					10 No.
(ii) 900mm equilateral triangle —					6 No.
(iii) 600mm x 450mm rectangular plate —					4 No.
⑨ Road marking with hot applied compound on RT surface - do —					
2 x 35 x 25 x 0.10 =					175m ²

Continuation

Continuation

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars					
(A) working bench mark					
pillars -- do --					
ent = 1 No. Page - (24)					
item 1A @ Rs 4022.02					
					= Rs 4022 =
(B) Reference pillar					
ent = 5 No. Page - (24)					
item 1(B) @ Rs 1845.50					
					= Rs 9228 =
(2) clearing & grubbing					
road land -- do --					
ent = 0.82 hect					
Page - (25) item - (2)					
@ Rs 50148.62/H = Rs 411222					
(3) Box cutting					
ent = 114.375 m ³					
Page - (25) item - (3)					
@ Rs 75.43/m ³ = Rs 8627 =					
(4) const. of embankment					
with material -- do --					
(i) For 1000 m lead					
ent = 406.63 m ³ P - (25)					
item - 4(i) @ Rs 155.23/m ³					
					= Rs 63121 =

Continuation

126120 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4)(ii) For 100 m lead					
Qnt =		1011.26	m ³		
Page - (25) Item - 4(ii)					
@ Rs		130.88/m ³			Rs 132354 =
(5) const. of subgrade					
and earthen shoulder					
— — do — —					
Qnt =		773.13	m ³	P- (25)	
Item - (5) + Qnt =		28.125			
P- (34) Item - (15)					
= 773.13 + 28.125 =		801.25	m ³		
@ Rs		195.94/m ³			Rs 156998 =
					Rs 156998 =
(6) const. of USB by					
providing coarse					
graded material					
— — do — —					
Qnt =		495.97	m ³		
Page - (26) Item - (6)					
@ Rs		2996.61/m ³			Rs 1486229 =
(7) LBM gr - III					
Qnt =		337.08	m ³		
Page - (26) Item - (7)					
@ Rs		4454.63			Rs 1501566 =
(8) const. of unreinforced					
plain cement concrete					
— — do — —					

Continuation

3403267 =

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
ent= 183.60 m ³					
Page- (26) item- (8)					
@ Rs 8154.35/m ³ =				Rs	1497138=
(9) Earthwork in excavation for tunnel					
- do -					
ent= 1418.99 m ³					
Page- (26) item- (9)					
@ Rs 264.02/m ³ = Rs					39336=
(10) Providing m-15 PCC as levelling course					
- do -					
ent= 14.8 m ³					
P- 27 item- (10)					
@ Rs 5732.94/m ³ = Rs					84848=
(11) Brick masonry work in cm (1:4)					
- do -					
ent= 153.035 m ³					
Page- (27) item- (11)					
@ Rs 6021.17/m ³ = Rs					922368=
(12) Providing & laying RCC pipe HP-3					
- do -					
ent= 37.50 m					
Page- (27) item- (12)					
@ Rs 4078.91 = Rs					152959=

Continuation

6099916=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Plastering with cement mortar					
— do —					
ant = 334.25 m ²					
Page - (27) item - (13)					
@ Rs 169.67/m ² = Rs					567132
(14) Providing 1.5mm cement punning					
— do —					
ant = 42.66 m ² Page - (27)					
item - (14) + ant = 28.44 m ²					
Page - (30) item - (1)					
= 42.66 + 28.44					
= 71.10 m ²					
@ Rs 49.48 = Rs					35182
(15) Painting two coats on new concrete surface - do -					
ant = 348.705 m ²					
Page - (28) item - (15)					
(+) ant = 232.470 m ²					
Page - (30) item - (2)					
= 348.705 + 232.470					
= 581.175 m ² @ Rs 110.65					
= Rs					643072
(16) Prime coat					
ant = 334.25 m ²					

Continuation

6224454:

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Page-(31) item-(3)					
@ Rs 49.64/m ²				Rs	165860
				2 Rs	165860
(17) Tack coat					
Providing and oblique					
jack coat - do -					
Qnt = 3341.25 m ²					
Page-(31) item-(4) (L)					
@ Rs 16.12/m ²				Rs	53861
(18) mix seal surface					
Providing laying and					
rolling - do -					
Qnt = 3341.25 m ²					
Page-(31) item-(18) (5)					
@ Rs 247.21/m ²				Rs	825990
(19) Kilometer stone					
(A) Kilometer stone					
Qnt = 2 No.					
Page-(32) item-6(A)					
@ Rs 2405.58/No.				Rs	48112
(B) 200 m stone					
Qnt = 5 No. Page-(32)					
item-6(B)					
@ Rs 674.22/No.				Rs	33712
(20) Boundary pillar					
Qnt = 160 No. P- (32)					
item-7 @ Rs 508.46				Rs	81353

Continuation

7359700

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) Traffic sign					
(i) 600 mm circular board					
ant = 10 No. P- (32)					
item - (8) @ Rs 5609.33					
					= Rs 560932
(ii) 900 mm equilateral					
ant = 6 No. P- (32)					
item 8 (ii) @ Rs 6230.63					
					= Rs 373832
(iii) 600 mm x 450 mm rectangular board					
ant = 4 No.					
Page - (32) item - 8 (ii)					
@ Rs 5459.31 = Rs 218372					
(22) Road marking with hot applied compound on RT surface					
- - - do - - -					
ant = 175 m ² P- 32					
item (9) @ Rs 942.89					
					= Rs 1650052
(23) Road marking with hot applied Thermo-plastic compound on concrete surface					
- - - do - - -					
ant = 60 m ² P- (33)					
Continuation					
item - (10) @ Rs 1048.072					
					= Rs 628842

7702902

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Direction and place identification do					
Qnt = 1 No. P- (33)					
Item - (11) @ Rs					3498 =
(25) Providing & fixing of typical masonry sign board - do -					
Qnt = 6 No. P- (33)					
Item - (12) @ Rs 94187.52					
				2 Rs	56925 =
(26) Providing and Laying of reinforced cement concrete pipe duct - do -					
Qnt = 37.50 Payer (33)					
Item - (13) @ Rs 880.74					
				= Rs	33027 =
(27) Laying brick soling on prepared subgrade do					
Qnt = 225 m ² P- (34)					
Item - (14) @ Rs 4189.66					
				= Rs	110173 =
				Total Rs	7906525 =
Less 0.55% as per agreement				Rs	43485 =
				Total Rs	7863039 =
C/O Continuation Rs					7863039

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/Rs		7863039=
					1
			Total Rs		7863039=
Less previous bill amount	(i)				Rs 2408138=
	(ii)				Rs 791862=
	(iii)				Rs 29577582
			Total Rs		1705281=

By Singh
30/09/2020
JE

RPSM
30-9-2020
AE
Ekm

20/10/2020

Material statement

- (1) E/V = 28.125 m³
- (2) emulsion (SS-1) = 2.8257 MT
- (3) emulsion (RS-1) = 0.91645 MT
- (4) Bitumen (S-40) = 6.3483 MT
- (5) Brick = 13890 No.
- (6) stone aggregates = 3.856 m³
- (7) coarse sand = 1.9282 m³
- (8) Fine sand = 8.49 m³

By Singh
30/09/2020
JE

RPSM
30-9-2020
AE

RS-1 and SS-1 emulsion are have been taken from invoice No. No. - BT R00109/20-21 dated 14/06/2020

Continuation

9x1 SS-1 = 3 MT
RS-1 = 1 MT