

PMGSY, NEW SC

PM.B.NO-3229

આમદાદી PMGSY થી આમદાદી આમદાદી આમદાદી આમદાદી
પ્રકરણમાંથી 59 SBD/20-21

Measurement Book

Schedule XLV-Form No. 134

સંગ્રહ:- આમદાદી આમદાદી

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પ્રકરણ

DIVISION

SUB-DIVISION

PM.B.NO-3229

Name of Work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement -

(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 - Aamdadhi pmsy road to Aamdadhi Anal Singh ke tola tak					
Agency - Ashish Ranjan					
Agreement no - 59 SBD/2020-21					
Date of start of work - 13/07/20					
Date of completion - 12/04/21					
Measurement					

① Setting out pillars					
do					
Providing & fixing of working benchmark					
do					ent = 0.520 km
2. clearing and grubbing road					
Land					
2x 20x 25x 2.0 = 2000m ²					
2x 20x 2 = 80m ²					
Total 2080m ²					
2080					0.208 hect
10000					ent = 0.208 hect

③ Box cutting					
do					
RP 50'	2x 6x 25x 0.525x 0.10 =				15.75m
	2x 9x 30x 0.375x 0.10 =				20.25m
	2x 4x 25x 0.375x 0.10 =				7.50m
	Continuation				
					43.50m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4)					
(8) const. of embankment					
— do —					
RPSM	2	25	0.75	0.7	$26.25m^3$
				Limit to	$26.10m^3$
(9) const. of embankment					
(5) with material					
— do —					
For 1000 m length					
RPSM	14	30	0.9	0.9	$340.20m^3$
				Limit to	$327.11m^3$
(6) const. of subgrade and					
earth shoulders					
— do —					
RPSM	2	6	25	0.975	29.25
	2	6	25	1.125	25.31
	2	14	25	0.625	32.812
	2	20	0.625	0.075	1.875
	2	14	25	0.625	$0.160 = 70$
	2	20	0.625	0.160	$= 4$
				Total	$163.247m^3$
(7) const. of granular subbase					
— do —					
RPSM	6	25	4.05	0.10	$60.75m^3$
	2	6	25	0.525	$15.75m^3$
	2	4	30	0.375	$20.25m^3$
	2	4	25	0.375	$7.50m^3$
	10	5	3	0.1	$= 15m^3$
				Total	$119.25m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ WBM gr-III					
— do —					
RPGR	6X	25X	3.75	X 0.075 =	42.187m ³
	9X	30X	3.75	X 0.075 =	75.937
	4X	25X	3.50	X 0.075 =	26.25m ³
			Total		144.374m ³
⑨ Prime coat					
— do —					468.75
	50X	25X	3.75	=	562.50m ³
	1X	25X	3.60	=	90
⑩ Tack coat				Total	558.75
— do —					
	50X	25X	3.75	=	468.75m ³
	1X	25X	3.60	=	90
			Total		558.75m ³
⑪ mix seal surfacing					
— do —					
RPGR	5X	25X	3.75	=	468.75m ³
	1X	25X	3.60	=	90
			Total		558.75m ³
⑫ casting in-reinforced plain cement concrete					
— do —					
RPGR	15X	3.0X	0.160	=	7.20m ³
	30X	3.50X	0.160	=	16.80m ³
	25X	3.40X	0.160	=	13.60m ³
	40X	30X	3.75X	0.160 =	72m ³
	6X	30X	3.85X	0.160 =	110.88
	10X	3.70X	0.160	=	5.92m ³
			Continuation		4.96
			Total		225.44m ³
					226.40m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Providing and laying of reinforced cement concrete R.F.S. [pipe duct]			do		ent = 7m
(14) Boundary pillar			do		ent = 5 No.
(15) Kilometer stone			do		
(i) Km stone -					ent = 2 No.
(ii) 200 m stone -					ent = 2 No.
(16) Providing & fixing of retro-reflectarised					
cautionary, mandatory					
(i) 600mm equilateral triangle -					ent = 1 No.
(ii) 600mm circular board					ent = 1 No.
(iii) 600mm x 450mm rectangular board					ent = 1 No.
(17) Providing and erecting direction & place					
R.F.S. [identification - do -]					ent = 2 No.
(18) Road marking with hot applied Thermo-plastic compound - do -					
R.F.S. [2 x 20 x 25 x 0.1]					= 10.0
Continuation					
R.F.S. [2 x 20 x 0.1]					= 4.0
Total					104m ²

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		do			
amt = 0.520 km	P-(1)				
item-(1) @ Rs	6012.41				
				= Rs	3126 =
(2) clearing & grubbing road					
land - do					
amt = 0.208 hect	P-(1)				
item-(2) @ Rs	51133.76				
				= Rs	10636 =
(3) Box-cutting		do			
amt = 43.50 m ³	P-(1)				
item-(3) @ Rs	126.24/m ³				
				= Rs	5491 =
(4) const. of embankment		do			
amt = 26.10 m ³	P-(2)				
item-(4) @ Rs	88.36				
				= Rs	2306 =
(5) const. of embankment		do			
amt = 327.11 m ³	P-(2)				
item-(5) @ Rs	184.30				
				= Rs	60286 =
(6) const. of subgrade & earthen shoulders		do			
amt = 163.247 m ³	P-(2)				
item-(6) @ Rs	210.88				
				= Rs	34425 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) const. of granular subbase — do —					
ent = 119.25 m ³ P-②					
itm - (7) @ Rs 3397.26/m ³					
				2 Rs	405123:
(8) WBM 98-141 do —					
ent = 144.374 m ³ P-③					
itm - (8) @ Rs 4130.19/m ³				2 Rs	596292:
(9) Prime coat do —					
ent = 558.75 m ² P-③					
itm - (9) @ Rs 45.62/Rs				2 Rs	25490:
(10) Tack coat do —					
ent = 558.75 m ² P-③					
itm - (10) @ Rs 15.69/Rs				2 Rs	8769:
(11) mix seal curing do —					
ent = 558.75 m ² P-③					
itm - (11) @ Rs 246.59/Rs				2 Rs	137782:
(12) const. of unreinforced Plain cement concrete do —					
ent = 246.225-40 m ³ P-③					
itm - (12) @ Rs 7730.62/Rs				2 Rs	1750212:

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Providing & casting of reinforced cement concrete pipe duct					
— do —					
ent = 7 m P- (4) item - (13)					
@ Rs 836.89/m =					Rs 5858 =
(14) Boundary pillar					
— do —					
ent = 5 No. P- (4)					
item - (14) @ Rs 509 =					Rs 2545 =
(15) Kilometer stone					
(i) Km stone					
— do —					
ent = 2 No. P- (4)					
item - 15 (i) @ Rs 2247.47					
					= Rs 4495 =
(ii) 200 m Stone					
— do —					
ent = 2 No. P- (4)					
item - 15 (ii) @ Rs 629.07					
					= Rs 1258 =
(16) Providing & fixing of retro-reflective & cautionary, mandatory					
— do —					
(i) 600 mm equilateral triangle					
— do —					
ent = 1 No. P- (4)					
item - 16 (i) @ Rs 3582.12					= Rs 3582 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 600mm circular board - do -					
ant = 1 No. P- (4)					
item - 16 (ii)					
@ Rs 4740.23 2				Rs	4740.2
(iii) 600mm x 450mm rectangular board - do -					
ant = 1 No. P- (4)					
item - 16 (iii)					
@ Rs 4643.72 / m ² =				Rs	4643.72
(17) Providing & erecting direction and place identification - do -					
ant = 2 No. P- (4)					
item - (17) @ Rs 10424 =					
				Rs	20848 =
(18) Road marking with hot applied Thermoplastic compound - do -					
ant = 104 m ² P- (4)					
item - 18 @ Rs 735.44					
				= Rs	76486 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Planting of trees by the road side					
— do —					
ent 2 16 No. P-(5)					
item - (19) @ Rs 822.26					
				Rs	13156=
(20) Providing & fixing of typical informative sign board - do -					
ent 2 3 No. P-(5)					
item - (20) @ Rs 9387.41					
				Rs	28162=
(21) Brick masonry work in cement mortar					
— do —					
ent 2.88 m ³ P-(5)					
item - (21) @ Rs 6538.91					
				Rs	18832=
(22) Providing PCC m-20					
— do —					
ent 2 12 m P-(5)					
item - (22) @ Rs 417.852 Rs					5014=
(23) Plastering with cement mortar on brick work					
— do —					
ent 2 20.160 m ² P-(5)					
item - (23) @ Rs 166.041 Rs					3347=
				c/o Total Rs	3232904=

Continuation

Continuation