MMGSY

फेबर पचानबिया पथ से डोरीगंज

Shedule XLV Form No. 134.

अधिशासी अभियन्ता, ग्रामीण कार्य विभाग DIVISION

सहायक अभियन्ता कार्य प्रमंडल नं०-इक्ष्टा SUB-DIVISION

667

Measurement Book

संवेदक → PREM SHANKAR DIVEDI

1st on A/c Bill

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 - Const. of road from P Fesor - Pachrukhiya path to Doregenj. MMGSY(SC)					
Agency - Prem Shankar Kr. Dwivedi.					
Agreement No.- SB/01/MMGSY(SC)/2020-21					
Date of commencement - 12.06.20					
Date of completion - 11.03.21					
Date of measurement - 10.1.21					
(1) Dismantling PCC.					
1 x 3.50m x 1.54m x 0.15m =					0.81 m³
(2) Dismantling cement mortar					
2 x 6.20 m³ x 0.825 m x 3.00m =					30.69 m³
(3) Removing H.P. (footo gamrudia)					
= 5.00 m.					
(4) Settingout Pillars...					
(i) Bench mark pillars - 1 Nos.					
(ii) Reference pillars - 3 Nos.					
(5) clearing & grubbing					
2 x 880.00 m x 3.50 m = 0.62 Hec					

Sharma 10.1.21 JE   12.1.21 AE

Continuation

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1000 mm dia H.P.C. 3 Nos.					
Date of measurement = 15.1.21					
① Earth work in excavation in found.					m^3
2 x 6.450 m x 1.40 m x 1.50 m =					27.090
1 x 4.85 m x 1.53 m x 0.365 m =					2.708
					29.798
			say	29.80	m^3
29.80 m^3 x 3 =					89.40 m^3
② Providing PCC m15 in found.					
2 x 6.450 m x 1.40 m x 0.15 m =					2.709 m
1 x 4.981 m x 1.53 m x 0.25 m =					1.886
					4.595
			say	4.60	m^3
4.60 m^3 x 3 =				13.80	m^3
③ Providing PCC m20 in sub str.					
2 x 6.15 m x 0.825 m x 3.180 m =					32.269
2 x 6.15 m x 0.40 m x 0.60 m =					2.952
Less 2 x 0.7857 x (1.23)^2 x 0.662 m =					1.478
				33.74	m^3
33.74 m^3 x 3 =				101.22	m^3
④ Providing laying 1000 mm dia NP3 H.P...					
3 x 3 x 2.50 m = 22.50 m.					
⑤ Providing & Laying 300 mm dia H.P.					
3 x 4 x 2.50 m = 30.00 m.					
Thomas 15.1.21 SE					

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Date of measurement :- 20.1.21					
① Bore cutting					
2 x 130	m x 0.375	m x 0.100	m =		9.75 m^3
2 x 225	m x 0.375	m x 0.775			29.53
					39.28 m^3
② Const. of embankment by soochay cutting.					
39.28	m^3 @ 60/100		=		23.57 m^3
③ Const. of embankment..					
E/W calculation chart..					

CH.	Dist	Fill area	Fill vol.
0	—	2.602	—
50	50	4.670	181.800
100	50	7.245	297.880
150	50	6.757	350.050
200	50	6.992	343.730
250	50	6.738	343.250
300	50	6.992	343.250
350	50	7.542	363.350
400	50	7.543	377.130
425	m	7.662	190.060
			2790.500
Less G.S.B	—	(-)	351.14
Less WBM gr-III		(-)	272.07
		2	167.29 m^3

Continuation

Sch. XLV-Form No. 134 B/F 2167.29 m³

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(i) a) with 1000 m lead (–)				107	8.47 m³
(ii) with 1000 m lead (–)				1029.41	
Balance				59.41	m³.
(4) Const. of Subgrade.					
4.25 m × 7.2 m × 30 m =					927.69 m³
(i) with 1000 m lead					
927.69 m³ × 30/100 =					278.31 m
(ii) with 100 m lead					
927.69 m³ × 70/100 =					649.38 m³
Shoorma 20.1.21 JB					

Date of measurement :- 25.1.21

(1) Providing G.S.B. gr. I :-				
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
2 × 25 m	4.05 m	0.200 m =		40.50
1 × 25 m	4.05 m	0.200 m =		20.25
			344.25	m³

Shoorma 25.1.21 JB

Continuation

28/1/21

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Particulars	Details of actual measurement				Co... of area
	No.	L.	B.	D.	
Date of measurement 30.1.21					
① Providing W.B.M. gr-III ...					
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
2x25m	3.75m	x0.075	m=		14.06
1x25m	3.75m	x0.075	m=		7.03
				119	.51 m^3
		Ticked	items checked		
Sharma 30.1.21 JE			Sd/- 2/2/21 AE		

Continuation

material statement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item	Small	chips		metal	
⑤ PCC					
13.80					
101.22					
115.02	59.45	104.90			
⑤ GSB gr-I					
344.25	123.93			289.17	
⑥ WBM gr-III					
119.57		28.68		144.61	
	183.38	130.58		433.78	

DC/W =	1078.47	m^2			
	1029.41				
	278.31				
	649.38				
	3035.57	m^3			

Shoaib
30.1.21
JE

Continuation

ABSTRACT OF COST

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) Setting out pillars.					
(2) Bench mark pillars					
1 Nos	P-1				
@ 3928=64 each					₹ 3,929=00
(2c) Reference pillars.					
3 Nos	P-1				
@ 1776=13 each					₹ 5328=00
(3) Clearing & grubbing					
0.62 Hect.	P-1				
@ 51133=76/Hect					₹ 31,703=00
(3) Box cutting					
39.28 m^3	P-3				
@ 74=16/m^3					₹ 2913=00
(4) Const. of embankment by ordinary cutting.					
23.57	m^3 P-3				
@ 26=11/m^3					₹ 615=00
(5) Const. of embankment					
(i) by 1000 m lead					
1029.41	m^3	P-4			
@ ₹ 174=94/m^3					₹ 180,085=00
(ii) By 100 m lead					
1078.47	m^3	P-4			
@ 131=03/m^3					₹ 141,312=00
Continuation					365,885=00

Sch. XLV-Form No. 134 365885=00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(6) Consst. of Sub-grade.					
(i) width	1000 m lead				
278.31	m^3 P. 4				
@	176=58/m^3 ₹			49,	144=00
(ii) width	100 m lead				
649.38	m^3 P-4				
@	141=17/m^3 ₹			91,	673=00
(7) Providing C.S.B. gr-I					
344.25	m^3 P 4				
@	2154=48/m^3 ₹			741,	680=00
(8) Providing W.B.M. gr-III					
119.51	m^3 P-5				
@	2862=18/m^3 ₹			342,	059=00
(9) Dismantling PCC					
0.81	m^3 P-1				
@	484=74/m^3 ₹				393=00
(10) Dismantling cement mortar					
30.69	m^3 P-1				
@	231=77/m^3 ₹			7,	113=00
(11) Removing H.P.					
5.00 m	P-1				
@	236=34/m ₹			1,	182=00
(12) Providing Rigging 300 mm dia H.P.					
30.00 m	P-2				
@	934=96/m ₹			28,	049=00
				Continuation	627178=00

Sch. XLV-Form No. 134 16,27,178=00

Particulars H.P.C.	Details of actual measurement No.	L.	B.	D.	Contents of area
(13) E/w in excavation in foundation					
89.40 m³ Pz					
@ 269=32/m³ =					24,077=00
(14) Providing PCC M15 in foundation					
13.80 m³ Pz					
@ 4499=30/m³ =					62,090=00
(15) Providing PCC M20 in Sub-Str.					
101.27 m³ Pz					
@ 5215=30/m³ =					2,52,893=00
(16) Providing & Laying 1000 mm dia RCP Hyp.					
22.50 m Pz					
@ 3980=87/m =					89,570=00
					23,30,808=00
~~Add 10% below~~					~~2,33,081=00~~
Shoorma		Rs.			
30.1.21 JE	12%	GST = Rs.			2,79,697=00
~~Add~~	1%	Labour cess (P) =			23,308=00
	~~Total~~	= Rs.			26,33,813=00
Less 10% below		= Rs.			2,63,381=00
		Rs.			23,70,432=00

Continuation

2/2/21
AE