

Panchayat Sidherp Kala Village, ^{Xogiyu} Aghosi Das to

Schedule XLV-Form No. 134

Dhosi River under - MR-3054

कार्यपालक अभियन्ता
आभीषा कार्य विभाग
कार्य प्रमण्डल, जयनगर

DIVISION

R.W.D. LADANITA

SUB-DIVISION

MR-3054

1199

MEASUREMENT BOOK

SANTAY KUMAR YADAV

Name of work—

1

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:- M/R to Road from Panchayat					
Siddharkata village Vagiga Agtani					
Das house to Dhauri River					
under MX(3054)					
Agency:- Sanjay Kumar Yadav, vill-					
Bagha Khat, p-o Bardaha, p.s-					
Babubaghi, Dist. Midnapore					
Agreement No - 07. MB/2022-23					
Agreement value R 35,75,365.00					
Date of commencement - 26.07.2022					
Date of Completion - 25.01.2023					
Rate:- 0.10% below					
Date of Measurement -					
Road work					
① clearing & grubbing of Road					
land - do do - all complete job					
2x10x30m x 0.200 = 120.00 m ²					
2x11x30m x 0.360 = 198.00 m ²					
2x1x27m x 0.250 = 13.50 m ²					
331.50 m ²					
331.50/10000 = 0.03315 Hec					
② Gravel G.S.B grad with 15% filler					
— do — do — all complete job					
1x 30m x 3.25 x 0.100 = 11.25 m ³					
1x 02m x 2.10 x 0.100 = 0.420 m ³					
Continuation Cu 11.670 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				R.P.	11.670 m ²
	1x	5m x	2.50 x	0.100 gr	1.250 m ²
	1x	1m x	2.20 x	0.100 gr	0.220 m ²
	1x	7m x	2.60 x	0.100 gr	1.820 m ²
	1x	28.80 m x	3.75 x	0.050 gr	5.40 m ²
	1x	6m x	1.00 x	0.100 gr	0.600 m ²
	1x	27.50 x	3.25 x	0.060 gr	6.188 m ²
	1x	4m x	1.50 x	0.100 gr	0.600 m ²
	1x	7m x	3.00 x	0.100 gr	2.100 m ²
	1x	5m x	3.10 x	0.100 gr	1.550 m ²
	1x	2m x	2.50 x	0.100 gr	0.500 m ²
	1x	8m x	3.20 x	0.100 gr	2.560 m ²
	1x	4m x	1.75 x	0.100 gr	0.700 m ²
	1x	5m x	2.10 x	0.100 gr	1.050 m ²

36.208 m²

③ Paving & spreading W.B.M.

Cts. 3-4-4. at complete job

1x	33m x	3.75 x	0.075	9.281 m ²
1x	5m x	2.30 x	0.075	0.863 m ²
1x	8m x	2.70 x	0.075	1.620 m ²
1x	4m x	2.40 x	0.075	0.720 m ²
1x	10m x	2.80 x	0.075	2.100 m ²
1x	48m x	3.75 x	0.075	13.500 m ²
1x	9m x	1.20 x	0.075	0.810 m ²
1x	33m x	3.75 x	0.075	9.281 m ²
1x	2m x	1.70 x	0.075	0.893 m ²
1x	10m x	3.20 x	0.075	2.400 m ²
1x	8m x	3.30 x	0.075	1.980 m ²

Continuation

43.448 m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P	43.448 m ³
	1x	5m x	2.20 x	0.075	1.013 m ³
	1x	11m x	3.40 x	0.075	2.805 m ³
	1x	2m x	1.95 x	0.075	1.024 m ³
	1x	8m x	2.30 x	0.075	1.380 m ³
					49.670 m ³

④ For 2nd day, Pro's cost with

SS-1 - d. - d. - all complete in

1x	33.10 x	3.25	=	124.13 m ²
1x	5.10 x	2.35	=	11.99 m ²
1x	8.10 x	2.75	=	22.28 m ²
1x	4.10 x	2.45	=	10.05 m ²
1x	10.10 x	2.85	=	28.79 m ²

1x	48.10 x	3.25	=	180.38 m ²
1x	9.10 x	1.25	=	11.38 m ²
1x	33.10 x	3.25	=	124.13 m ²
1x	7.10 x	1.75	=	12.48 m ²
1x	10.20 x	3.25	=	33.15 m ²
1x	8.10 x	3.35	=	27.14 m ²
1x	5.10 x	2.75	=	14.03 m ²
1x	11.20 x	3.45	=	38.64 m ²
1x	7.10 x	2.00	=	14.20 m ²
1x	8.10 x	2.35	=	19.04 m ²
				671.26 m ²

⑤ For 2nd day, Task cost with

RS-1 - d. - d. - all complete in

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x	35.00x	3.75	=	131.25 m ²	
2x	6.00x	2.40	=	28.80 m ²	
1x	9.00x	2.80	=	25.20 m ²	
3x	5.00x	2.50	=	37.50 m ²	
1x	11.00x	2.90	=	31.90 m ²	
1x	50.00x	3.75	=	187.50 m ²	
1x	10.00x	1.30	=	13.00 m ²	
1x	35.00x	3.75	=	131.25 m ²	
1x	8.00x	1.80	=	14.40 m ²	
1x	11.00x	3.30	=	36.30 m ²	
1x	9.00x	3.40	=	30.60 m ²	
3x	6.00x	2.90	=	52.20 m ²	
1x	12.00x	3.50	=	42.00 m ²	
2x	8.00x	2.00	=	32.00 m ²	
1x	9.00x	2.40	=	21.60 m ²	
				816.70 m ²	
(6) Pro, laying & rolling 20 mm thick					
M-30	-do-	-do-	-do-	complete job	
Area w/c 9 less on (5)				816.70 m ²	
Quantity of job 22					
26				26 m ²	
(7) Const of 40 reinforcement steel					
M-30	-do-	-do-	-do-	complete job	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x	30m	$\frac{3.75+3.75}{2}$	10.160	18.00m ²
	1x	75m	$\frac{3.75+3.75}{2}$	10.160	45.60m ²
					63.60m ²
(8) Construct					
(9) Pro & apply 1st coat with					
R.S.1 - do do all complete job					
	7x	30m	3.75	=	787.50m ²
	5x	30m	3.75	=	562.50m ²
	1x	20m	3.75	=	75.00m ²
	5x	30m	3.75	=	562.50m ²
	1x	22m	3.75	=	82.50m ²
		552m			2070.00m ²

T. 20/nt.	1x	20m	$\frac{5.55+3.75}{2}$	3.75	18.00m ²
Curv -	1x	30m	$\frac{3.75+4.37+3.75}{2}$		
			- 3.75	=	5.50m ²
					2093.50m ²

(9) Pro. & apply S.D.B.C. 25mm					
thick - do do all complete job					
Area vide 9km m (8)					
		2093.50m ²	0.025	=	52.338m ³

(10) Construct Subgrade & shoulder					
- do do all complete job					
	2x	350m	1.00	0.250	190.00m ³
	2x	277m	1.15	0.40	254.84m ³
					444.84

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Pre Lining RCC MIS grad K-10 200 m per ft - d. d. all complete job					
(12) Ordinary K-10 stone -	02 Nos				02 Nos
(13) 200 m stone -	02 Nos				02 Nos
02/10/2020 02/10/2020 02/10/2020					
(12) Painting, lines, dashes, Arrows etc - d. d. all complete job	02 Nos	1.00	0.100		6.60 m ²
(13) Pre Lining cautioning, Mandar tree sign - d. d. all complete job					
(14) 600 mm equilateral triangle -	02 Nos				02 Nos
(15) 600 mm Circular	02 Nos				02 Nos
(16) 600 x 150 mm rectangular	01 No				01 No
(17) Pre Lining RCC MIS grad Boundary pillar etc etc all complete job	08 Nos				08 Nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(15) Binding new letter & signatures — do — do — all complete job					
	87 Nos	2	174	—	174 Nos
(16) planting of trees & maintenance one year — do — all complete job					
	33 Nos	—	—	—	33 Nos
(17) Pro laying Hot applied floor. Marking — do — all complete job					
(A) B.T portion					
	2x7x30m	0.100	=	42.00m ²	
	2x5x30m	0.100	=	30.00m ²	
	2x1x20m	0.100	=	04.00m ²	
	2x5x30m	0.100	=	30.00m ²	
	2x1x22m	0.100	=	04.40m ²	
	552m				110.40m ²
(B) P.C.C. Portion					
	2x30m	0.100	=	06.00m ²	
	2x75m	0.100	=	15.00m ²	
					21.00m ²
(18) Pro & binding of masonry (Chiron) bearing — do — all complete job					
	02 Nos	—	—	—	02 Nos
	C/D work				
(19) Pro 100A B/W (1:3) to parapet — do — do — all complete job.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x	6.00x	0.40x	0.600:	2.88m²
		2x 88m ² x 2 Nos :			5.76m²
(20) Bo 15 mm thick C/P (1.0) on B/12					
—d—d— all complete job					
	4x	6.00x	0.600	:	14.40m²
	2x	6.00x	0.400	:	4.80m²
	4x	0.40x	0.600	:	0.96m²
					20.16m²
	20.16m ² x 0.2 Nos			:	40.32m²
(21) Polishing two coat on new					
Surface —d—d— all complete job					
	4x	6.00x	0.600	:	14.40m²
	2x	6.00x	0.400	:	4.80m²
	4x	0.40x	0.600	:	0.96m²
					20.16m²
	20.16m ² x 0.2 Nos			:	40.32m²
(Signature)					
09/09/21					
DE					

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Clearing & grubbing (at road level)					
— do — do all complete job					
P-01	0.03315	100	100	0.03315	
				@ ₹ 6203.230 / m ²	2047.00
2/2 Const. of Sub-grade & shoulders					
— do — do all complete job					
P-05	444.81	m ²	Unit	443.98	
				@ ₹ 254.90 / m ²	1,12,821.00
3/3 Const. of GrS & gnd. with 1/2 m ²					
— do — do all complete job					
P-02	34.208	m ²	Unit	4180.30	1,51,362.00
4/4 Pre. laying & spreading H.B.M. Gr. 3					
— do — do all complete job					
P-0203	49.67	m ²	Unit	49.669	
				@ ₹ 5796.28 / m ²	2,87,895.00
5/5 Pre. & applying Primer Coat with					
SS-1 — do — do all complete job					
P-03	671.76	m ²	Unit	668.873	
				@ ₹ 59.96 / m ²	40,106.00
6/6 Pre. applying tack coat with RS-1					
— do — do all complete job					
P-0304	816.70	m ²			
P-05	2093.50	m ²			
	2910.20	m ²			
Continuation					
				@ ₹ 20.33 / m ²	59,164.00
				00	₹ 6,53,395.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.R.		653395.0
7/2 Foot laying 80mm thick M.S.S. in patch work etc. etc. - all complete job					
P-04.	816.70 m ²	Limit 815.60 m ²			
	C.R. 284.00/m ²				231,630.00
8/8 Do. & laying semi dense bit. Conc (S.D.B.C.) 25mm thick etc. etc. - all complete job					
P-05.	52.338 m ³	Limit 52.268 m ³			
	C.R. 14535.35/m ³				759,734.00
9/9 Const. of 4m. reinforced pcc					
M30 - etc. etc. all complete job					
P-04 & 05.	63.60 m ³	C.R. 9187.01/m ³			584,294.00
10/ Foot laying RCC m/s grade 100mm etc. etc. all complete job					
A/10 Ordinary 100mm stone					
P-06.	02 Nos	C.R. 3012.12 each ft			6024.00
B/11 200mm stone					
P-06.	02 Nos	C.R. 813.51 each ft			1627.00
11/12 Painting lines, Dashes, Arrows etc. etc. all complete job					
P-06.	6.60 m ²	C.R. 93.78/m ²			619.00
Continuation					C.R. 22,37,323.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	22	37323
12/ B & Fixing caulk & Mandrel					
Signs - do - all complete job					
A/13 600mm equilateral & triangle					
p-06, 02 Nos of 3898.60 each					7797.00
B/14 600mm Circular					
p-06, 02 Nos of 3845.22 each					7690.00
C/15 600 x 450mm rectangular					
p-06, 01 No of 3725.44 each					3725.00
13/16 Prolonging ACC 15 gram Boundary					
p-11/9 - do - do - all complete job					
p-06, 08 Nos of 665.22 each					5322.00
14/17 Prolonging new letter & figure					
- do - do - all complete job					
p-07, 174 Nos of 0.636 each					111.00
15/18 Planting of trees & Maintenance					
year - do - do - all complete job					
p-07, 33 Nos of 1059.27 each					34956.00
16/19 Prolonging Hat applied Road					
Maintaining - do - do - all complete job					
A/19 B.T. portion -					
p-07, 110.40m ² of 752.79/m ²					86420.00
					C.R 23,83,344.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. 23823.14	
B/20 P.C.C. path					
P-07	21.00 m ² @ 885.42/m ²				18,594.00
	✓		✓		✓
17/21 P.C.C. path (1.4) in P.C.C. path					
beach - do - do all complete job					
P-07	02 No. @ 10431.71 each				20,863.00
	✓		✓		✓
18/22 P.C.C. path (1.4) in P.C.C. path					
— do — do all complete job					
P-07, 08	5.76 m ² @ 5822.85/m ²				33540.00
	✓		✓		✓
19/23 P.C.C. path (1.4) in P.C.C. path					
B.W. — do — do all complete job					
P-08	40.32 m ² @ 213.21/m ²				8599.00
	✓		✓		✓
20/24 P.C.C. path (1.4) in P.C.C. path					
— do — do all complete job					
P-08	40.32 m ² @ 116.84/m ²				4711.00
	✓		✓		✓
					R 24,69,651.00
21/25 Add 6% S.T. @ 12%				(+)	2,96,358.00
22/26 Add labour @ 1%				(+)	24,697.00
23/27 Add 5% S.T. @ 10% on (a) to (c)				(+)	67,246.00
					R 28,57,952.00
Less 0.10% As per Agreement				(-)	2858.00
					R 28,55,094.00

Continuation

09/09/22

C.P. 7E
13/10/22S. 18-9-22
M2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Bitumen (S-90)					
J.O.C. Invoice No. - 202	7.10.10			32.32	38055.91
dt. 17.08.2022				1.560 mt	
Invoice No. 2023231				38055.91	
dt. 17.08.2022				4.912 mt	
				5.772 mt	
Emulsion					
SS-1 - Jonic Products					1.0317 mt
					7.4037
Invoice No. - 1P-BK-T1/22-23/097					
dt. 05.08.2022					
SS-1				0.600 mt	
RS-1				1.000 mt	
Invoice No. - SK-BR-T1/22-23/020					
dt. 17.08.2022					
Waste plastic				130.00 kg	
Chumbers					
09/09/22					
25					
Consumption of Bitumen Emulsion					
or 443.48 m³ = 14639					
(i) Bitumen (90) - 7.4037 mt					
or RS-1 - 9.000 m³					
or SS-1 - 568 kg					
Stone Metal - 90.52 m³					14639
Stone chips - 122.82 m³					
R.Sand - 41.66 m³					
Stone dust - 45.24 m³					

Continuation

Sum of all = 13169
 chips = 1835
 Dust = 4400
 sand = 1800

Amount - 28,55,094

1st on MC bill

on 18.10.22

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of payment				28,55,094	
S.D. @ 8% —			228	408	✓
1% @ 1% —			28	551	✓
CGST @ 1% —			28	551	✓
SGST @ 1% —			28	551	✓
Roy —			14	639	✓
S fee —			67	246	✓
L as @ 1% —			28	551	✓
Total deduction —			424	497	✓
By R.F.M.S. —			24,30	597	✓
Total —			28,55,094	20	✓

Passed for Rs 28,55,094

Rs. twenty eight lac fifty five thousand and ninety four only.

18/10/22

Executive Engineer
Rural Works Department
Works Division, Javnagar

18/10/22

