Name of work - Neel Kanth tola to Jeer Khan Tola

MMGSY ND-BRRP-524-Danapur

04/SBD
2023-24

Schedule XLV-Form No. 134

Danapur DIVISION

Maner SUB-DIVISION

MB No - 1557

Measurement Book

Name of Agency - M/s Sayampati Consts

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 measurement relating to each work)

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Name of work Const and 5 years maintenance of road from Neelkanth tale to Jareekha tale, in mona block					
Agency - M/s Shyampati constructn.					
Agreement No.-04 SBD/EE 23-24					
Date of agreement - 02-01-2024					
Time of completion - 12 Months					
① Setting out –					
(i) const of Bench mark–					
1 No					
(ii) Const of reference Pillar					
1 No					
② Clearing and grubbing road land –					
Part I -					
	8×30.00m × 4.50m = 1080.00m²				
	1×20.00m × 4.50m = 90.00m²				
Part II -	5×30.00m × 4.50m = 675.00m²				
	1×20.00m × 4.50m = 90.00m²				
					= 1935.00m²

Continuation

$= \frac{1935.00}{10000} = 0.194$ Hect

for 3rd and final bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) Setting out —					
(1/1) Constr of bench mark —					
1 No. vide P- (10)					
@ Rs 4,489·44 each Rs					4489·44
(2/2) Constr of reference pillar					
1 No. vide P (10)					
@ Rs 8286·72 each Rs					8286·72
(3/3) Clearing and grubbing road land —					
0·194 Hect vide P- (10)					
@ Rs 75573·36/Hect Rs					14,661·20
(4/4) E/w in construction of embankment with soil obtained from borrow pits upto 100 m lead —					
93·69 m3 vide P-(10)					
@ Rs 259·20/m3 = Rs					24,284·45
(5/5) E/w in construction of subgrade and earthen shoulder with soil obtained upto 100 m from borrow pits — —					
580·50 m3 vide P-(10)					
+107·55 m3 vide P-(16)					
= 688·05 m3					

Continuation

@ Rs 259·94/m3 = Rs 1,78,852·20

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.I=	Rs 2,	30.5	73=00
(6) 6 Const. of G.S.B with crushing I material —					
164.48 m3 vide P- (11)					
@ Rs 3093=01/m3					Rs 5,08,738=00
(7) 7 Hy. laying, spreading and compacting stone aggregates — WBM gr-III					
123.351 m3 vide P- (11)					
@ Rs 4420=45/m3					
					Rs 5,45,267=00
(8) 8 Const. of R.C.C. pavements — M30 —					
263.147 m3 vide P- (11)					
@ Rs 7890=80/m3					
					Rs 20,76,440=00
(9) 9 S/F=IF precast R.C.C M15 ordinary km stone —					
2 Nos vide P- (16)					
@ Rs 2869=11 each					Rs 5,738=00
(10) 10 S/F=II= precast R.C.C M15 20mm stone —					
2 Nos vide P- (16)					
@ Rs 815=73 each					Rs 1631=00

Continuation

=Rs 33,68,387=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		R.F. of			33,62,387=00
(11) SIZE Typical					
Rectangular Sign board —					
2 Nos. vide P- (11)					
+2 Nos. vide P- (15)					
=4 Nos.					
@ Rs 10898=10 each					Rs 43,592=00
(12) SIZE Retro-reflectorised					
Traffic Sign of 600 mm					
equilateral triangle —					
8 Nos vide P- (17)					
@ Rs. 3947=30 each					Rs 31,576=00
(13) SIZE Retro-reflectorised					
Traffic Sign of 600 mm					
dia circular —					
3 Nos vide P- (17)					
@ Rs 5366=93 each					Rs 16,101=00
(14) SIZE Retro-reflectorised					
Traffic Sign of 600 x 450 mm					
rectangular —					
2 Nos. vide P- (17)					
@ Rs 5221=62 each					Rs 7,443=00
(15) SIZE Octagonal Stop					
Sign —					
1 Nos vide P- (17)					
@ Rs 9714=96 each					Rs 9,715=00

Continuation

=Rs 34,79,817=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.F=	B 3	4,79,	817 cm
(16) Pl and laying hot applied thermoplastic compound road marking on C.C. Pavement Surface					
86.00 m² vide P-					
@ Rs 918=99 /m²			B	79033=00	
			Rs	35,58,850 cm	
Add 18.00% G.S.T			B	6,40,593=00	
Add 1.00 Labour cess			B	35589 cm	
			Rs	42,35,032=00	
Calculation for Seigniorage Fee --					
(1) E/W in shoulder --					
107.55 m³ vide P- (16)					
@ B 3.525 /m³			B	379.11	
(V) P.C.C M15 work in R/F					
(i) ordinary Km stone -			2 Nos	vide P (16)	
$2 \times \frac{3.77}{14} = 0.539$ m³					
(ii) Room stone - 2 Nos vide P- (16)					
$2 \times \frac{1.58}{33} = 0.096$ m³					
(iii) Typical Board - 2 Nos. vide P- (16)					
2 × 0.252 = 0.504 m³					
(IV) Traffic Signs - 14 Nos vide P- (17)					
14 × 0.126 = 1.764 m³					
= 2.903 m³					
B 379.11					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

B. F. R. 42,35,032.00

B. F. S. F. B 37-9.11

item no (11) continue

Total P.C.C. M_{15} 0^{75} = 2.903 m^3

(i) Coarse sand

2.903 × 0.48 = ~~6.05~~ 1.393 m^3

@B 577 = 80/m^3 × 10% B ~~349.57~~ 80.31

(ii) 40mm aggregate

2.903 × 0.48 = ~~6.05~~ 1.393 m^3

@B 992.33/m^3 × 10% B ~~600.36~~ 137.93

(iii) 20mm aggregate

2.903 × 0.24 m^3 = ~~3.02~~ 0.70 m^3

@B 1207 = 76 /m^3 × 10% B ~~364.74~~ 84.54

(iv) 10mm aggregate

2.903 × 0.08 = ~~1.07~~ 0.17 m^3

@B 595 = 16/m^3 × 10% B ~~60.11~~ 10.12

B ~~1753.89~~ 692.01

Add previous S.F. vide P- (12)

B 60719.82

B ~~62473.71~~ 61,411.83

Limited as approved amount 61,412.00

Say S.F. B ~~62,474.00~~

B ~~42,97,432.00~~ 42,96,444.00

Less 0.50% as agreement

(-) B 21482.00

B ~~42,75,945.00~~

Continuation

B 42,74,962.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.B.		42,59,		4500
Less Previous Payment			42,74,		962.00
Vid. Ampl. P. (14)					
		(-)	B 40,32,		735.00
		2,	42,	22	7.00
		Rs. 2,	43,	210	.00
Note - work has been completed as per specification and available land.					
18.5.2024 JE			18.5.24 AE		
Final/Uploaded material statement.					
(1) Soil			781.74 m3		
(2) Stone aggregate			287.42 m3		
(3) Stone dust			59.22 m3		
(4) Brick		430 Nos			
(5) Screening material			29.60 m3		
(6) Coarse Sand			120.28 m3		
(7) Stone chips			237.45 m3		
18.5.2024 JE			18.5.24 AE		

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, दानापुर
20.5.24

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