

સરકારી કચેરી - ગાંધી યુ. વી. હા. રોડ ૨૩૨૪૯૧

Schedule XLV Form No. 134.

મમલતી (તેલ) / નીડબ (બ્રિસ)

સરકારી કચેરી

DIVISION

સરકારી

SUB-DIVISION

Measurement Book

M.B.No - 642

2nd on c/c bill

Name of work - Construction of road
and work from meharajgarh
Balwantpur path to Thajharan

Ch. haul - Mangsi NDB (Bricks)

Agency - Niket Kumar

Agreement No. 2/Mangsi NDB / 2021-22

Date of agreement - 22/7/21

Date of measurement - 15/7/22

Work done

(1/5) Construction of embankment with
material obtained from borrow

pits with all complete at within 200

$$2 \times 20 \times 30 \times 1.00 \times 0.15 = 180 \text{ m}^3$$

(2/6) with 100 m bed all complete at

$$2 \times 20 \times 30 \times 1.00 \times 0.20 = 240 \text{ m}^3$$

(3/3) Construction of subgrade &

earthen shoulder with all complete
at

$$2 \times 18 \times 30 \times 1.00 \times 0.15 = 162 \text{ m}^3$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Excavation of road 1/2 m wide					
Soil with material means					
with all complete job					
2 x 15 x $\frac{3m + 0.375}{2}$				0.10 =	5.06 m ³
2 x 3 x 15 x $\frac{2}{0.375}$				0.10 =	3.37 m ³
2 x 9 x 30 x 0.525				0.10 =	28.35 m ³
2 x 11 x 0.525				0.10 =	1.15 m ³
2 x 14 x 30 x 0.375				0.10 =	31.08 m ³
2 x 20 x 0.375				0.10 =	1.50 m ³
2 x 5 x 15 x 0.525				0.10 =	7.875 m ³
Fill Railway	2 x	10 x	0.525	0.10 =	1.05 m ³
Gravel	2 x	4 x	0.525	0.10 =	0.42 m ³
more to north	2 x 15 x $\frac{3.0 + 0.525}{2}$			0.10 =	5.28 m ³
	2 x 15 x 15 x 0.525			0.10 =	26.775 m ³
	2 x 10 x 0.525			0.10 =	1.05 m ³
					112.96 m ³
(8)					
Construction of granular sub base					
providing well graded material					
of grading T material - - with					
all complete job					
Inbox -	2 x 15 x $\frac{3m + 0.375}{2}$			0.10 =	5.06 m ³
	2 x 3 x 15 x $\frac{2}{0.375}$			0.10 =	3.37 m ³
	2 x 9 x 30 x 0.525			0.10 =	28.35 m ³
	2 x 11 x 0.525			0.10 =	1.15 m ³
	2 x 14 x 30 x 0.375			0.10 =	31.08 m ³
	2 x 20 x 0.375			0.10 =	1.50 m ³
	2 x 5 x 15 x 0.525			0.10 =	7.875 m ³
Fill Railway	2 x	10 x	0.525	0.10 =	1.05 m ³
Gravel					
					60.79.435 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				618	79.435 m ³
2 x	4 x	0.525	x	0.10 =	0.42 m ³
More to North -	2 x	15 x 3	0.525	x 0.10 =	5.18 m ³
	2 x 17	7 15	0.525	x 0.10 =	26.775 m ³
	2 x	10 x	0.525	x 0.10 =	1.05 m ³
In profile	20 x	2.2 x	1.50 x	0.10 =	6 m ³
Connective	25 x	1.20 x	1.2 x	0.10 =	3 m ³
	40 x	2.50 x	1.25 x	0.10 =	12.5 m ³
	30 x	2.20 x	1.50 x	0.10 =	9.9 m ³
	25 x	2.40 x	0.50 x	0.10 =	3.0 m ³
In road	9 x	30 x	4.05 x	0.10 =	109.35 m ³
Crest -		11 x	4.05 x	0.10 =	4.45 m ³
	5 x	15 x	4.05 x	0.10 =	30.375 m ³
to hill Railway	10	x	4.05 x	0.10 =	4.05 m ³
p.c					
Extra New Culvert	2 x	3.75 x	0.75 x 0.10 =	0.56 m ³	
	4 x	4.05 x	0.10 =	1.62 m ³	
More to North -	15 x	10.95 x 4.05	x 0.10 =	11.25 m ³	
	17	x 15 x	4.05 x 0.10 =	103.27 m ³	
		10 x	4.05 x 0.10 =	4.05 m ³	
					415.42 m ³
(9)					
Invading, laying, spreading & compacting					
of stone approach of specific					
size to water bound material					
of 90 III	all	Complete			
16 x	10.70	+ 3.75	x 0.075 =	8.67 m ³	
28	x 30	x	3.75 x 0.075 =	236.25 m ³	
					244.92 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					244.92 m ³
Till Railway p-cd	1 x	10 x	3.75 x	0.075 =	2.81 m ³
After Railway	10	x 30	x 3.75 x	0.075 =	84.375 m ³
Turn at		4 x	3.75 x	0.075 =	1.125 m ³
Till Aerkeelpu					
More to North					
Total -	15 x	$\frac{10.85 + 3.75}{2}$	x	0.075 =	8.24 m ³
	17 x	15 x	3.75 x	0.075 =	71.71 m ³
		10 x	3.75 x	0.075 =	2.81 m ³
Extra near w/mt	2 x	3.70	x 0.55 x	0.075 =	0.41 m ³
					416.37 m ³
					Less 415.92 m ³
(24)	Providing and laying of				
	reinforced cement concrete				

300 mm dia h. pipe all length

$$4 \times 3 \times 2.5 = 30 \text{ m}$$

From
15/7/11
J.H.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing and fixing working bench marks pillars with all complete and vide TMB page (4)					
1.45 Km of 3808 = 62 / Km to 5668/-					
(2) Reference pillars and TMB page (4)					
1.45 Km of 1790 = 44 / Km to 2594/-					
(3) Clearing and grading road Land with all complete and vide TMB page (4)					
0.73 Km of 51133 = 26 / Km to 37328/-					
(4) Excavation in road way in cut with original level with all complete and vide TMB page (4)					
31.5 m ³ vide TMB page (4)					
112.96 m ³ vide TMB page (5)					
164.46 m ³ cement 137.25 m ³					
74 = 16 / m ³ to 10178/-					
(5) Construction of embankment with material obtained from borrow pits with 100 m land vide TMB page (4)					
480 m ³					
vide TMB page (4) 180 m ³					
660 m ³ / 3					
175 = 22 / m ³ to 115645/-					
(6) with 100 m land vide TMB page (6)					
900 m ³ vide TMB page (4)					
240 m ³ vide TMB page (7)					
1140 m ³ of 141 = 14 / m ³ to 160900/-					

Continuation

cd 3323/5/-

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				61.1	3323.151
(7) Construction of subgrade 2 earth shoulder work					
TMN page (4)			600	143	
net TMN page (7)			162	143	
			762	143	
			176	86/143	1347621
(8) Construction of granular sub + (13) base by well graded material					
of grading T. with all complete					
net TMN page (5)			162	143	
net TMN page (9)			415.42	143	
			578.42	143	
Limit =	578.42	143	3897	27/143	117818201
(9) Providing, laying, spreading (14) and compacting of stone aggregate specific spec of WBM with all complete as					
net TMN page (10)					
415.92	143	3758	07	143	15632441
(10) Providing and fixing of typical m masonry drain system					
net TMN page (5)					
3	108	52	05	each	325561
(11) E/W in excavation as per					
trench net TMN page (5)					
46.98	143	269	32	143	126531

Continuation

Continuation