

Dijar kala to Toy

(SC)

Sanjay Kumar

Schedule XLV-Form No. 134

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R.W.D. (W)

DIVISION

GRAVA

R.W.D. (W)

SUB-DIVISION

(WAZIRGANJ)

MEASUREMENT BOOK

3149

1
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				Contents of area
	No.	L.	B.	D.	
	Ist on A/C Bill				
Name of work: Const of rural road from Orizorkals To Tot under MMGSY (sc)					
Agency: Sanjay Kumar					
Agt no: 159/MMGSY/SBD/2022-23					
DOW: 14.2.22					
TOC: 13-2-23					
Date of measurement: 28-8-22					
① Const of ref & working BM du dural					
1.50 KM					
② cleaning & grubbing of road (gr) dural					
$10 \times 30.00 \times 7.00 = 2100.00 \text{ m}^2$					
$10 \times 30.00 \times 7.00 = 2100.00 \text{ m}^2$					
$10 \times 30.00 \times 7.00 = 2100.00 \text{ m}^2$					
$10 \times 30.00 \times 7.00 = 2100.00 \text{ m}^2$					
$10 \times 30.00 \times 7.00 = 2100.00 \text{ m}^2$					
					10500.00 m ²
					or 1.05 Hect
C/O					

उत्तर & Final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of rural road from					
on road to T4 under MMSY					
(sc)					
Agency - Santosh Kumar					
Ag# No - 159/ MMSY/ SBD/ 2022-23					
Dow - 14.8.22					
Toc - 13.02.23					
Date of Measurement -					
(1) Const. of GSB by					
providing well graded					
material.					
					$10 \times 25.00 \times 4.05 \times 0.20 = 202.50 \text{ m}^3$
					$1 \times 25.00 \times 4.05 \times 0.20 = 20.25 \text{ m}^3$
					$1 \times 10.00 \times 4.05 \times 0.20 = 8.10 \text{ m}^3$
					$1 \times 9.00 \times 4.05 \times 0.20 = 7.29 \text{ m}^3$
					<u>238.14 m³</u>
Add 2% extra width & 2% of total quantity					<u>24.21 m³</u>
					<u>262.35 m³</u>
(2) Providing laying,					
spreading and compacting					
grade-3 material.					
					$59 \times 25.00 \times 3.75 \times 0.075 = 414.85 \text{ m}^3$
					$1 \times 19.00 \times 3.75 \times 0.075 = 5.35 \text{ m}^3$
					<u>420.20 m³</u>
Extra width 2% of total quantity					<u>8.40 m³</u>
					<u>428.60 m³</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5)	Providing & Laying Cement Concrete under Pipe.				
	4x	3x	2.50	=	30.00 M ³ 22.50 M
(6)	Filling in foundation to anchor of piers.				
	4x	2x	6.60x	0.405	= 19.44 M ³
	4x	1x	6.30x	1.50x0.90	= 34.02 M ³
	Deduct Pipe Portion -				53.46 M ³
	4x	1x	6.30x	0.91	= 22.93 M ³
					30.528 M ³

(7)	Providing & Laying boulder apron for Protection with stone boulders.				
	4x	1x	3.60x	2.30x0.30	= 9.936 M ³
	4x	1x	6.60x	0.30x0.60	= 4.32 M ³
	4x	1x	3.60x	1.86x0.30	= 8.03 M ³
					22.286 M ³
(8)	Excavation for foundation of Structure.				
Abutment 2x	2x	7.60x	2.30x1.60	= 111.872 M ³	
Return 2x	4x	1.60x	2.097x1.60	= 42.94 M ³	
					154.812 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Abstract of Cost			
(1/1)		Const. of reference			
		hooking Benchmark.			
P/14		1.50 km			
		Q 3702 = 09			Q = 5553 = 00
(2/2)		Const. of reference			
		Pillar.			
P/29		1.50 km			
		Q 1680 = 28			Q = 2520 = 00
(3/3)		Cleaning & grubbing			
		road land.			
P/14		1.05 Hect			
		Q 52998 = 20			Q = 55648 = 00
(4/5)		Excavation in ordinary			
		rock cutting.			
P/14		689.864 ³			
		Q 203 = 51			Q = 1387910 = 00
(5/6) (2)		Load up to 10000			
P/27		1791.735 M ³			
		Q 192 = 03			Q = 344067 = 00
(6/7)		Load up to 10000			
P/27		4180.715 M ³			
		Q 154 = 58			Q = 646255 = 00
(7/8)		Const. of subgrade			
		and earthen shoulder			
		with approved			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		material.			
P/26		4402.30M ³			
(8/9)		176=64		6=778505=00	
		Const. of 65B by providing well graded material.			
P/15		972.00M ³			
P/18		262.35M ³			
		1234.35M ³			
(9/10)		1994=00		6=2461294=00	
		Providing locking operating & compacting			
		grade - 3 material.			
P/18		428.60M ³			
		2560=99		6=1097640=00	
(10/11)		Providing & applying Prime coat with bituminous emulsion (SS-1).			
P/25		5714.55 M ²			
		43=41		6=248069=00	
(11/12)		Providing & applying top coat with bituminous emulsion SS-1.			
P/25		5714.55 M ²			
		15=17		6=86690=00	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27/39) Back filling behind abutment wing wall and return wall.					
P/23		64.80M			
P/24		96.00M			
		160.80M			
		Limit = 159.05M			
		C 804 = 98			k = 128032 = 00
(28/40) Providing trap hole in stone plain reinforced concrete abutment.					

P/23		72.00M			
P/24		30.00M			
		372.00M			
		C 117 = 71			k = 43788 = 00
(29/41) S/F/F 1000mm dia					
P/16		30.00M			
		C 3742 = 66			k = 112280 = 00
(34/42) Laying cement concrete pipe NP3.					
P/22		70.00RM			
		C 735 = 76			k = 51503 = 00
(35/43) Filling in foundation					
P/16		30.53M			
		C 522 = 31			k = 15946 = 00

Continuation