

Shree Ravi Kumar Yadav

Agno-2 (SBD) / 2021-22

Pinus Sakdai to Rorodhi Road.

Schedule XIV-Form No. 134

Head-Minkh (SC)

R. W. D. (w) Jammu

DIVISION

R. W. D. Khairi

SUB-DIVISION

MEASUREMENT BOOK

-2823

MB No. - 2823

1st on Ale Bill

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.	
Name of work - Construction of Road from					
P.M.C. Sakdasi to Rorodih - 1.50 KM					
Agreement No - 02 (S.B.D.) / 2021-22					
Agency - SRI Shree Ram Kumar Yadav					
Vill + P.O - Nimnawada, P.S - Khairi, Samw					
Date of commencement of work - 09/12/2021					
Date of completion of work - 08/12/2021					
Agg construction cost ₹ 69,81,750/-					
Agg. Maintenance cost ₹ 12,02,716/-					
₹ 81,84,466/-					

Date of Record Measurement - 10/11/21, 03/09/21
03/11/21, 08/11/21

Description of item

① Providing and fixing of working bench mark pillar and reference pillar - do - do
all complete job
1.50 KM

② Clearing and grubbing Road Land including uprooting wild vegetation, grass etc - do - do - all complete job

Part A	1x	10x	30x	3.50	= 1050.00 M ²
	1x	10x	30x	3.50	= 1050.00 M ²
	1x	4x	30x	3.50	= 420.00 M ²
	1x	1x	15x	3.50	= 52.50 M ²

Continuation

Qty 2572.50 M²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total Qty A+B.					
					$= 708.450 \text{ M}^3 + 628.25 \text{ M}^3$
					$= 1337.27 \text{ M}^3$
3(a) For 1000 M lead					$= 452.00 \text{ M}^3$
3(b) for 100 M Lead					$= 884.27 \text{ M}^3$
(4) construction of sub grade and earthwork shoulder with approved material obtained	do	do	do	do	all complete job
	3x	30x	7.80	$\times 0.300 =$	210.60 M^3
	2x	30x	7.50	$\times 0.300 =$	135.00 M^3
	3x	30x	$\left(\frac{8.00+7.50}{2}\right)$	$\times 0.300 =$	209.25 M^3
	5x	30x	7.80	$\times 0.300 =$	351.00 M^3
	5x	30x	7.80	$\times 0.300 =$	351.00 M^3
	2x	30x	7.50	$\times 0.300 =$	135.00 M^3
	4x	30x	7.80	$\times 0.300 =$	280.80 M^3
	2x	30x	7.90	$\times 0.300 =$	142.20 M^3
	5x	30x	7.80	$\times 0.300 =$	351.00 M^3
	3x	30x	$\frac{7.70+7.40}{2}$	$\times 0.300 =$	203.85 M^3
	4x	30x	7.80	$\times 0.300 =$	280.80 M^3
	2x	30x	7.50	$\times 0.300 =$	135.00 M^3
Subt 10/01/2011					Qty 2785.50 M ³
(5) construction of G.S.B GRL					
by providing well graded material spreading in uniform layer	do	do	do	do	all complete job
Part A	1x	15x	$\frac{6.60+4.50}{2}$	$\times 0.200 =$	16.65 M^3
	3x	30x	4.05	$\times 0.200 =$	72.90 M^3
					Qty 89.55 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	15	$\frac{4.60+6.10+4.30}{3}$	0.20	$= 15.00 M^3$
	5	30	4.05	0.20	$= 121.50 M^3$
	10	30	4.05	0.20	$= 243.00 M^3$
	5	30	4.05	0.20	$= 121.50 M^3$
	1	15	4.05	0.20	$= 12.15 M^3$
Part B			(A) →		Q489.537F
	3	30	4.05	0.20	$= 72.90 M^3$
	1	15	$\frac{4.50+6.30+4.40}{3}$	0.20	$= 15.20 M^3$
	5	30	4.05	0.20	$= 121.50 M^3$
	7	30	4.05	0.20	$= 170.10 M^3$
Part C					
	5	30	3.75	0.10	$= 56.25 M^3$
	5	30	3.75	0.10	$= 56.25 M^3$
			B -		492.20 M ³

Total A+B = 602.70 M³

+ 492.20 M³

Q489.537F

Q489.537F

⑥ Providing, laying, spreading and compacting stone Aggregate of spec'd size to WDM-C12 - do - all complete job. as Per E12

Part A

1 x 15 x $\frac{6.30+4.30}{2}$ x 0.075 = 5.91 M³

3 x 30 x 3.75 x 0.075 = 25.31 M³

1 x 15 x $\frac{4.30+5.80+4.00}{3}$ x 0.075 = 5.29 M³

5 x 30 x 3.75 x 0.075 = 42.19 M³

3 x 30 x 3.75 x 0.075 = 25.31 M³

5 x 30 x 3.75 x 0.075 = 42.19 M³

Q489.537F

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ providing and fixing of typical masonry information & citizen sign board - do - do - all complete job.					
	2 NO.				
⑧ 2 NO - 1000 MM HP Elwin excavation for foundation of str - do - do - all complete job					
H.W -	2 x 2	6.45	1.40	1.50	54.18 M ³
Below pipe -	2 x 1	4.85	1.53	0.365	5.41 M ³
				Qty	59.59 M ³
⑨ providing M15 R.C.C. as levelling course in foundation - do - do - do complete job as per E/P					
H.W -	2 x 2	6.45	1.40	0.150	5.42 M ³
below pipe -	2 x 1	4.93	1.53	0.250	3.77 M ³
				Qty	9.19 M ³
⑩ plain / R.C.C (M20) in substructure - do - do - all complete job.					
H.W -	2 x 2	6.15	0.825	3.180	64.53 M ³
Parapet -	2 x 2	6.15	0.400	1.000	9.84 M ³
				Qty	74.37 M ³
less for pipe -	2 x 2	0.785	1.23	0.622	(-) 2.96 M ³
				Qty	71.41 M ³
⑪ providing and laying of R.C.C. NP ₂ pipe for culvert on first class bedding - do - do - all complete job.					
	2 x 3	2.50			15.00 M ³
upto 03/11/2024 S.E					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1) plr & fixing of working bench					
mark pillars - do - do - all complete					
job.					
Qty vide Page No (1) in TMB					
ibm No (1)					
@ B 32775 = 92/km		1.50 km			R. 49,164 = 00
(2) clearing and grubbing Road					
land					
Qty vide Page No (2) in TMB					
ibm No (2)					
@ R 51133 = 76/Hg		0.525 Hg			R. 26,845 = 00
(3) construction of embankment					
with approved material -					
for 100m lead					
Qty vide Page No (3) in TMB					
ibm No (3)					
@ B 175 = 22/M ³		453.00 M ³			R. 79,375 = 00
(4) For 100m lead					
Qty vide Page No (3) in TMB					
ibm No (3b)					
@ B 135 = 12/M ³		884.27 M ³			R. 1,19,483 = 00
(5) construction of subgrade and					
earthen shoulder with approved					
material					
Qty vide Page No (3) in TMB					
ibm No (4)					
		2785.50 M ³			
@ R 176 = 86/M ³					R. 4,92,644 = 00
					R. 76,7511 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BIF Rs-	767511=00
$\frac{6}{1416}$ Construction of granular sub base below II -do-do- all complete					
Job. as per P/L					
Qty vide Page No (4) in TMB					
16M No (6)					
@ Rs 1607=271M ³		1094.90M ³		Rs	1759800=00 1920527=00
$\frac{7}{1214}$ Plv, laying, spreading and compacting stone aggregate of WBM Class I -do-do- all complete job as per P/L					
Qty vide Page No (4) in TMB					
16M No (6)			146.20M ³		
@ Rs 2104=531M ³				Rs	307,682=00
$\frac{8}{33}$ Plv and fixing of typical masonry informative & citizen sign board					
Qty vide Page No (4) in TMB					
16M No (7)		2M ⁰			
@ B 9325=411M ⁰				B	18657=00
$\frac{9}{34}$ E/W in excavation for foundation of str					
Qty vide Page No (5) in TMB					
16M No (8)			59.59M ³		
@ B 294=731M ³				B	17,563=00
$\frac{10}{35}$ Providing 1:1.5 do levelling course in foundation					
Qty vide Page No (5) in TMB					
@ B 4864=961M ³		9.19M ³		Rs	44,709=00
				Rs	29,15,916=00

Continuation

Continuation