

સિદ્ધાન્ત - શિવાનિઝમુર નિદાન

MMGS) નિવાસીઓ (SC) નિવાસી-મંદિરો તો મુશ્કેલીમાં
જાન્યાર

Schedule XLV-Form No. 134

ગામનંબર 2124

DIVISION

મંદિર

SUB-DIVISION

ખ.બ. નં- 280.
2021-22

MEASUREMENT BOOK

પ્રમાણિત બિનાર બાર છે બિન રૂક માપણુક
પંક્તિ નો મશીન ક્ષેત્ર મુદિ, ૬-100 (૨૦૦ ચો)
મુદત છે બી સહાનગર અભિનંદન, ગામીય
બાઈ બિનાર, બાઈ અવર પ્રમુખ, મોંઘર
- - - બી બિનર છે)

Executive Engineer
Rural Works Department
Works Division Phulparas
Date 2.11.21

Sch. XLV - Form No. 134

ગામીય DIVISION

મોંઘર SUB-DIVISION

Measurement Book

No. 280
2021-22

Name of Officer Executive Engineer
Rural Works Department
Works Division Phulparas
Date 2.11.21

Date of first entry _____

Date of last entry _____

MMSY (SC) મોંઘર - મેન્ડેરા તો મુનિયમી રાઈ

1st on A/c Bill

1

Name of Work—

Situation of Work—

Agency by which work is executed—

Date of Measurement—

No. and date of agreement

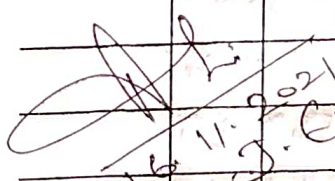
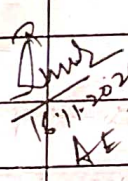
(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Const. of road					
					Mahdara to
					Muriyahi under
					M.M.G.S.Y (S.C)
Name of Agency					
					Shivharayen Yader
Agreement No.:-					15 S.B.D/2021-22
Date of Commencement:-					02.11.2021
Date of Measurement:-					16.11.2021
Item No. 01					
					Setting Out Pillars
					8 Nos. x 1.313 km = 10.504
					Say 11 Hrs.
Item No. 02					
					Cleaning & grubbing
					road land
					1313.00 x 3.50 m = 4595.50
					m ²
					Say 0.46 H
Item No. 03					
					Dismantling of
					existing structure
					L.S. — 28.00 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 04					
Removing all types of hume pipe					
Above 600mm to 900mm dia H.P.					5.00 m
Item No. 05					
Cont. of embankment					
6H ₂ x 30m x $\frac{(4.00 + 6.00)}{2}$ x 0.80					720.00 m ³
1H ₂ x 8m x $\frac{(4 + 6)}{2}$ x 0.80					32.00 m ³
9H ₂ x 30m x $\frac{(4.00 + 5.50)}{2}$ x 0.70					807.75 m ³
1H ₂ x 14m x $\frac{(4.00 + 5.50)}{2}$ x 0.70					46.55 m ³
8H ₂ x 30m x $\frac{(5.00 + 6.60)}{2}$ x 0.80					1113.60 m ³
1H ₂ x 10m x $\frac{(5.00 + 6.60)}{2}$ x 0.80					46.40 m ³
9H ₂ x 30m x $\frac{(5.00 + 6.00)}{2}$ x 0.60					810.00 m ³
1H₂ 1H ₂ x 19m x $\frac{(5.00 + 6.00)}{2}$ x 0.60					62.70 m ³
					2113.70 m ³
(a) For 1000m lead					
					2113.70 x 20% = 422.74 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(b) For 100 m lead					
					$2,113.70 \text{ m}^3 \times 20\% = 80\%$
					$= 1,690.96 \text{ m}^3$
Item No. 06					
Earthwork in excavation					
H.W. $2 \text{ H}_2 \times 2 \text{ H}_2 \times 6.45 \times 1.40 \times 1.50 = 54.18 \text{ m}^3$					
Below Pipe $2 \text{ H}_2 \times 1 \text{ H}_2 \times 4.85 \times 1.53 \times 0.265 = 5.42 \text{ m}^3$					
					59.60 m^3
Item No. 07					
Providing M.S (1:2.5:5)					
as leveling course in					
Foundation					
H.W. $2 \text{ H}_2 \times 2 \text{ H}_2 \times 6.45 \times 1.40 \times 0.15 = 5.42 \text{ m}^3$					
Below Pipe $2 \text{ H}_2 \times 1 \text{ H}_2 \times 4.830 \times 1.53 \times 0.250 = 3.77 \text{ m}^3$					
					9.19 m^3
 16/11/2021					
 16/11/2021 AE					
Date 25.11.2021					
Item No. 01					
P.C.C. in substructure					
H.W. $2 \text{ H}_2 \times 6.15 \text{ m} \times (1.25 + 0.40) \times 3.00 = 30.44 \text{ m}^3$					
$2 \text{ H}_2 \times 6.15 \text{ m} \times (1.25 + 0.40) \times 2.25 = 29.94 \text{ m}^3$					

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
Parapet	2	2H ₁	6.15	0.40	1.00	$\approx 9.84 \text{ m}^3$
Deduction of Volume of pipe	2H ₁	2H ₁	$\frac{\pi}{4} \times (1.22)^2$		0.622	$\approx 2.95 \text{ m}^3$
						67.27 m^3
Item No. 02						
Providing & laying						
R.C.C. pipe 11 P ₂ 100mm dia						
	2H ₂	3H ₂	2.50M			$\approx 15.00 \text{ m}$
Item No. 03						
Cont. of granules						
sub base Gr I						
	10H ₃	30m	4.05	0.20		$\approx 243.00 \text{ m}^3$
	10H ₃	30m	4.05	0.20		$\approx 243.00 \text{ m}^3$
	3H ₄	30m	4.05	0.20		$\approx 72.90 \text{ m}^3$
	12H ₄	10m	4.05	0.20		$\approx 8.10 \text{ m}^3$
						810.00 m^3
Item No. 04						
Cont. of granules						
sub base Gr I						
	6H ₅	30m	3.75	0.100		$\approx 67.50 \text{ m}^3$
	1H ₅	20m	3.75	0.100		$\approx 7.50 \text{ m}^3$
						75.00 m^3
Item No. 05						
Providing, laying, spreading and compacting WBS Gr III						

Continuation

12.12.2021

Continuation

7 $\text{Rs } 52,865 = \dots$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 03					
Dismantling of existing structures as per specification					
Vide this M.B. Page 01 - 28.00 m ³					
28.00 m ³ @ Rs 237 = 67/m ³					
→ Rs 6,655 = 00					
Item No. 04					
Removing all types of hume pipe					
Above 600mm to 900mm dia Hume pipe					
Vide this M.B. Page 02 - 5.00 m					
5.00 m @ Rs 249 = 19/m					
→ Rs 1,246 = 00					
Item No. 05					
Const. of embankment with material obtained from borrow pit					
(a) For 1000m lead					
Vide this M.B. Page 02 - 422.74 m ³					
422.74 m ³ @ Rs 190 = 42/m ³					
→ Rs 80,498 = 00					
(b) For 100m lead					
Vide this M.B. Page 03 - 1,690.96 m ³					
1,690.96 m ³ @ Rs 154 = 19/m ³					
→ Rs 2,60,729 = 00					
$\text{Rs } 4,01,993 = 00$					

8 Rs 4,01,993 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 06					
Castwork in excavation for foundation					
Vide this M.B. Page 3-					59.60 m ³
59.60 m ³ @ Rs 283 = 84/m ³					
→ Rs 16,923 = 00					
Item No. 07					
Providing M/s (1:2:5:5) as levelling course in foundation					
Vide this M.B. Page 2-					9.19 m ³
9.19 m ³ @ Rs 6,328 = 95/m ³					
→ Rs 58,163 = 00					
Item No. 08					
P.C.C. in substructure as per specification					
Vide this M.B. Page 4-					67.27 m ³
67.27 m ³ @ Rs 7158 = 39/m ³					
→ Rs 481,545 = 00					
Item No. 09					
Providing & laying RCC pipe dia 1000 mm					
Vide this M.B. Page 4-					15.00 m
15.00 m @ Rs 3652 = 23/m					
→ Rs 54,783 = 00					

Rs 10,13,407 = 00

Continuation

R 10, 13, 407 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item No. 10					
Construction of granular sub base by providing well graded material					
Vide this M.B. Page 04 - m ³					810.00
810.00 m ³ @ Rs 3608 = 63/m ³					
→ Rs 29,23,800 = 00					
Item No. 11					
Const. of granular sub base by providing well graded material					
Vide this M.B. Page 04 - m ³					75.00
75.00 m ³ @ Rs 3608 = 63/m ³					
→ Rs 2,70,722 = 00					
Item No. 12					
Providing laying, spreading and compacting W.B.M. Cur 3					
Vide this M.B. Page 05 - m ³					56.25
56.25 m ³ @ Rs 4494 = 07/m ³					
→ Rs 2,52,791 = 00					
Item No. 13					
Const. of unreinforced cement concrete pavement M 30 grade as per specification					

Rs 44,60,720 = 00

Continuation

Continuation