

M M USY - S065 to Jhamnuya Jhingadohor
- 0.293 Km

Schedule XLV-Form No. 134

Ag.No. 87 SBD / 2020 - 2021

Sherghati DIVISION

Dothi SUB-DIVISION

Name of Agency - Arunkumar

MEASUREMENT BOOK

1279

Certified that this M.B is Contains
01 to 100 pages by machine printed
this M.B is issued to Sri Prakashishore
Prasad A.E. R.W.D Works Sub Div

Goshti

09/11/21

Executive Engineer
RWD. Works Division
Sherghati

09/01/21

The M.B. bearing NO. 1279
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Sherghati DIVISION
Joshi SUB-DIVISION

Measurement Book

No. 1279

Name of Officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. Construction of embankment with material obtained from Borrow Pits as per specification.					
	8	25m x 6.0x 0.35 = 420m ³			
	0.3	11m x 25m x 6.0x 0.15 = 435m ³			
	1	1 x 18m x 6.0x 0.30 = 32.4m ³			
					519.90m ³
4. Construction of subgrade and earthen shoulder as per specification					
		Earthen side of shoulder (sides of 2.80m) -			
		2 x 11 x 25m x 1.29 x 0.160 = 113.52			
		2 x 1 x 18 x 1.29 x 0.160 = 7.43m ³			
		Earth shoulder sides of G.SB :- 2 x 11 x 25m x 1.62 x 0.10 = 89.10			
		: 2 x 18m x 1.62 x 0.10 = 5.83m ³			
					215.88m ³
		Demolished -			215.41m ³
5. Construction of granular sub-base by prove design well graded material after specification,					
	11	1 x 25m x 3.75 x 0.10 = 103.13m ³			
	1	1 x 18m x 3.75 x 0.10 = 6.75m ³			
		Add extra - 5.5 x 3.75 x 0.10 = 2.06m ³			109.88m ³
					111.94m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6. Providing Laying					
Spreading and compacting					
Stone Metal grade - III					
in road as per specification.					
$11 \times 2.5 \text{ m} \times 3.75 \times 0.075 = 77.34 \text{ m}^3$					
$1 \times 1.8 \text{ m} \times 3.75 \times 0.075 = 5.06 \text{ m}^3$					
Add extra length $5.5 \times 2.75 \times 0.075 = 1.55 \text{ m}^3$					
7. Construction of					
Unreinforced Concrete					
Concrete Pavement					
in road as per specification					
$11 \times 2.5 \text{ m} \times 3.75 \times 0.160 = 165 \text{ m}^3$					
$1 \times 1.8 \text{ m} \times 3.75 \times 0.160 = 10.8 \text{ m}^3$					
$5.5 \times 3.75 \times 0.160 = 3.38 \text{ m}^3$					
8. C.D. Work					
Structures					
$2 \times 6.30 \times 1.4 \times 0.15 = 26.45 \text{ m}^3$					
Br-brd - $1 \times 5.9 \times 1.5 \times 0.20 = 2.65 \text{ m}^3$					
$2 \times 3.9 \times 1.2 \times 0.20 = 14.51 \text{ m}^3$					
$1 \times 6.22 \times 1.2 \times 0.30 = 1.90 \text{ m}^3$					
45.51 m^3					
9. Providing plain concrete for jamb					
$2 \times 3.9 \times 1.2 \times 0.15 = 1.45 \text{ m}^3$					
$2 \times 6.30 \text{ m} \times 1.4 \times 0.15 = 2.63 \text{ m}^3$					
4.10 m^3					
10. Providing plain concrete for jamb					
$2 \times 6 \times 1.075 \times 1.35 = 16.61 \text{ m}^3$					
$1 \times 5.9 \times 1.5 \times 0.20 = 2.21 \text{ m}^3$					
$2 \times 3.9 \times 0.8 \times 0.20 = 8.41 \text{ m}^3$					
$1 \times 6.22 \times 1.0 \times 0.20 = 1.59 \text{ m}^3$					
28.82 m^3					
11. Providing plain concrete for substructure					
P.M. $2 \times 3.6 \times 0.48 \times 1.2 = 3.87 \text{ m}^3$					
$2 \times 6 \times 0.5 \times 1.8 = 11.52 \text{ m}^3$					
$2 \times 6 \times 0.4 \times 0.60 = 2.88 \text{ m}^3$					
18.27 m^3					
12. 95 ft pipe					
$2 \times 3.11 \times 1.0 \times 0.06 = 1.186 \text{ m}^3$					
$2 \times 3.11 \times 1.4 \times 0.20 = 1.42 \text{ m}^3$					
$1.186 + 1.42 = 2.606 \text{ m}^3$					
2.606 m^3					
13. Providing 1t. P. tube $1000 \text{ mm } \times 3 \times 2.5 \text{ m} \times 7.5 \text{ m}$					
$3 \times 2.5 \times 7.5 = 56.25 \text{ m}^3$					
14. Providing 10P. 600 mm dia $3 \times 2.5 \times 7.5 \text{ m}^3$					

18/4/21
S.L.

Continuation
Zorfa
18.04.21
A.B.

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 Alc Bill
Name of work:-	305 to				
Jhamnaiya Thangadehas					
Name of Agency -					
Agreement no:-					
Date of W.L.O:-					
Date of Completion:-					
Date of measurement:-					
(1) Construction of					
Reference pillars and					
Bench mark.					
11 x 2.5m = 27.5m					
1 x 18m = 18m					
					29.5m.
or 0.293km.					
(2) Construction of self road					
Pillars surveyors Survey					
Same as above I(2) Rate					
(D) → 0.293km					
2. clearing and grubbing					
Road land -					
8 x 2.5m x 7m = 140m ²					
3 x 2.5m x 7m = 52.5m ²					
1 x 18m x 7m = 126m ²					
					205m ²
or 0.21 Hectare.					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
graded material (B)	1228'	136198			
Excavating under Rate - (2)	111.94 m ³				
@ Rs. 1975.29/m ³	Rs. 381114=				
6. Providing and laying spreading and compaction					
Chap Stone metal 9 grade					
III in road - Excavating					
Under Rate - (3), 83.95 m ³					
@ Rs. 2738.80/m ³	Rs. 229922=				
7. Construction of unreinforced concrete					
Concrete pavement					
in road - Excavating					
Vide Rate - (3), 179.10 m ³					
@ Rs. 5488.91/m ³	Rs. 982706=				
	Rs. 1569940=				
Less 10% below (2) 271560=					
	Rs. 1298380=				
8. Excavation for foundation of structure -					
Excavating under Rate - (3),					
45.51 m ³ @ Rs. 294.73/m ³	Rs. 13413=				
9. Providing Plain Cement					
Cement 8 kg per tonne					
Excavating under Rate - (3)					
4.10 m ³ @ Rs. 4391.49/m ³	Rs. 18005=				
10. Providing plain cement uncoated					
in open foundations					
Under Rate - (3), 28.82 m ³					
@ Rs. 4629.59/m ³	Rs. 133425=				
Continuation A/c	1734783=				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of area</u>					
1 (i) Construction of Ponds					
Mark boundary wide					
Ridge - (1) 0.293 KM.					
@ Rs. 4900.75 / km Rs. 1436/-					
1 (ii) Construction of reservoir					
once Polluted boundary					
Wide Ridge - (1), 0.293 KM.					
@ Rs. 3338.69 / km Rs. 978/-					
2. clearing and cutting					
Road land boundary					
Wide Ridge - (1), 0.21 Hectare					
@ Rs. 51165.75 / ha, 10743/-					
3. Construction of Embankment					
menh with approved					
Material with lead					
- 1 m.m. on centre					
wide Ridge - (2), 519.96 m ²					
@ Rs. 154.39 / m ² Rs. 80267/-					
4. Construction of					
Subgrade and formation					
Shoulder boundary,					
wide Ridge - (2), 215.4 m ²					
@ Rs. 198.59 / m ² Rs. 42774/-					
5. Construction of road					
hullas Sub-base by					
Prinsepwell - (Rs. 136198/-)					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			137000 ft.		1734783

11. Dredging Plain concrete

22 Sub Structure Verte

Kgfc - (3), 16. Ngrd

@ R1. 5058.75 m³ R. 83419/-

12. Prim comp and lining

Cement Concrete Itune

Pipe-

(a) for 600 mm dia -
Vert Range - (3) - 7.5 m

@ R1. 4231.90/m R1. 9239/-

(b) for - 1000 mm dia -

Vert Range - (3), 7.5 m

@ R1. 3828.70/m R1. 28715/-

1856.15 b

Less less below - @ R1. 185,615/-

R1. 1670541/-

~~1814121~~
512

~~18.04.24~~
~~A2~~

Material of Construction

(2) Sand - 145.58 m³

(2) Chipp - 330.70 m³

(1) Granite - II - 101.57 m³

(1) EFW - 735.130 m³

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512

~~18.04.24~~
~~A2~~