

BIRAR CHAUK TO KODLI (mmhsy)

Schedule XLV-Form No. 134 (5.1)

अश्वारु कारि विभागा कारि ग्रहस्य सुपरी

DIVISION

अश्वारु कारि विभागा कारि अश्वारु ग्रहस्य सुपरी

SUB-DIVISION

MEASUREMENT BOOK

No 2558

अश्वारु कारि (अश्वारु कारि अश्वारु कारि)

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.	
N/w:- Constn. of Road & cd works with maintenance					
For Birar Chaur to Koyali					
Under MMSM.					
N/Agency:- Nagendar Rai, Vishuwanthapur					
Dumra Sifamerhi					
Agreement no:- 10 SBO of 2021-22					
Date of start:- 27-05-21					

Date of Completion:- 26-05-22

Work Done

(1/2) P/v & Fixing of working benchmark pillar

(a) working benchmark

PH = 2.84 Km

(b) Reference pillar

PH = 2.84 Km

(2/3) clearing & grubbing road

Land etc.

$2 \times 2840 \times 2 = 11360 \text{ m}^2$

$11360 / 10000 = 1.13 \text{ Ha}$

Continuation PH = 1.13 Ha

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/7) Excavation for Roadway in soil using manual means etc.					
					$2 \times 2740 \times 0.525 \times 0.1 = 287.7 \text{ m}^3$
					$2 \times 100 \text{ m} \times 0.375 \times 0.1 = 7.5 \text{ m}^3$
					$\text{Qty} = 295.2 \text{ m}^3$

(4/8) Const. of embankment with material obtained from borrow pit etc.					
(a) Lead 1000m					
Qty taken approximately 40%					

of total Qty. = 40% of 333.38
 $= 133.35 \text{ m}^3$

Qty = 133.35 m³

~~From 13-01-22~~
 06

~~RRD 13-12-22~~
 13

(5/11+16) Const. of granular sub-base by providing well graded material etc.					
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Widening - $2 \times 86 \times 30 \times 0.525 \times 0.1 = 270.9 \text{ m}^3$
 $2 \times 20 \text{ m} \times 0.525 \times 0.1 \text{ m} = 2.1 \text{ m}^3$

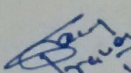
Full width - $86 \times 30 \text{ m} \times 4.05 \times 0.1 \text{ m} = 1044.9 \text{ m}^3$
 $20 \text{ m} \times 4.05 \times 0.1 \text{ m} = 8.1 \text{ m}^3$

Profile corrected - $70 \times 1.5 \text{ m} \times 1.5 \text{ m} \times 0.1 = 15.75 \text{ m}^3$
 $80 \times 1 \text{ m} \times 1 \text{ m} \times 0.1 \text{ m} = 8 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		22m	1.5m	0.1m	= 3.3m ³
		16.5m	2m	0.1m	= 3.3m ³
		15.5m	1.5m	0.1m	= 2.32m ³
		16.5m	1.2m	0.1m	= 1.98m ³
		18.5m	1.1m	0.1m	= 2.03m ³
		16.5m	1.2m	0.1m	= 1.98m ³
		25m	1.2m	0.1m	= 3m ³
		13.5m	1.45m	0.1m	= 1.95m ³
		20m	1.35m	0.1m	= 2.7m ³
		18m	1.45m	0.1m	= 2.61m ³
		28m	1.35m	0.1m	= 3.78m ³
		20m	2m	0.1m	= 4m ³
		2x 16.5m	1.5m	0.1m	= 4.95m ³
		2x 21m	1m	0.1m	= 4.2m ³
		18.5m	2.5m	0.1m	= 4.62m ³
		25m	2m	0.1m	= 5m ³
		26m	3m	0.1m	= 7.8m ³
		15m	1.5m	0.1m	= 2.25m ³
		16m	2m	0.1m	= 3.2m ³
					Q _{th} = 1414.72m ³
(6/30) 1/2 2 Fixing of typical					
masonry Informatory Sign					
board etc.					
Logo Sign board = 1 MO					
Citizen board = 1 MO					

Continuation Q_{th} = LMO.


 P. Prasad
 4-02-22
 JE


 R. K. B.
 4-2-22
 AB

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1/1/2) P.V & fixing of working benchmark					
(a) working benchmark pillar					
Qty vide TMB P-1					
Qty = 2.84 km					
@ ₹ 4015 = 4/km ————— ₹ 11403200					
(b) Reference pillar					
Qty vide TMB P-1					
Qty = 2.84 km					
@ ₹ 1845 = 98/km ————— ₹ 5242200					

(2/3) clearing & grubbing Road land etc.					
Qty vide TMB P-1					
Qty = 1.13 Ha					
@ ₹ 52970 = 33/Ha					₹ 5985600
(3/7) Excavation for Roadway in soil using manual means					
Qty vide TMB P-2					
Qty = 295.2 m ³					
@ ₹ 75 = 57/m ³					₹ 22308200
(4/8) Cost of embankment with					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
material obtained from borrow pit etc.					
Qty vide TMB P-2					
Qty = 133.35 m ³					
@ ₹ 190 = 57/m ³ ——— ₹					25412=00
(5/11+16) Contn. of granular sub-base by providing well graded material etc.					
Qty vide TMB P-2					
Qty = 1414.72 m ³					
@ ₹ 27.49 = 61/m ³ ——— ₹					3889928=
(6/30) P/v 2 Fixing of typical masonry 1-formatory sign board etc.					
Qty vide TMB P-3					
Qty = 2 No.					
@ ₹ 9596 = 80/No. ——— ₹					19153=00
					Total = 4033302=
Quantity Travel 4-02-22 JE					Add 1% L/cost = 40333=00
					Add 12% WST = 483996=00
					= 4557631=00
					Less 6% below as per agreement = -273457=00
					Net = 4284174=00

Continuation

~~Quantity~~
~~Travel~~
~~4-02-22~~
~~JE~~

~~Qty~~
~~4-2-22~~
~~AB~~

20 P
26.2.22