

mmasy (Gen)

m.B.No- 539
21-22

Schedule XLV Form No. 134

Prastavit mali Fuduaniya mmasy. Gangi

Thiss. shari

DIVISION

3999 Thiss. shari

SUB-DIVISION

(X⁶)

Measurement Book

Dharmendra Kumar

प्रमाणित किया जाता है कि इस
मापी हुई मशीन द्वारा ध्वनि
पुल-100 (एक से) पन्ने हैं जिसे
श्री रमेश कुमार सतेश सहस्रक
अभिधन, ग्रामीण कार्य विभाग कार्य
अवर प्रमंडल बेलदौर को निर्गत
किया जाता है।

Mural
Executive Engineer
R.W.D. Div.
Gogri
Back
9.2.22

Sch. XLV - Form No. 134

प्रमंडल गोगरी DIVISION
अवर प्रमंडल बेलदौर SUB-DIVISION

Measurement Book

No. 539

Name of Officer _____

Date of first entry _____

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 Road - Construction of Road from Arastani Mali Pulwaria PMGoy Gungi to Gungi Punarwan tab.					
Agency - Dharmendra Kumar					
Head - MMGoy LTEN					
Date of Start 27-07-2021					

Agreement No./Date - 07588/2021-22

Date of Completion - 26/07/22

Recurring Measurement

① Setting out Pillar

② Working Bench Mark Pillar

Qty - 2 Nos ✓

③ Reference Pillar

Qty - 6 Nos ✓

④ Clearing & grubbing of wasteland -

$2 \times 150 \times 350 = 10500 \text{ M}^2$ ✓

Continuation

SD 1.05 Ha ✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction of Road from proclawit moli of Kuvinda P.M. U.S. y Gongi to Gongi puvayusok.					
Agency: Dharmachakra Kumar					
Survey No. 07. S. R. D. of 2021-2022					
Date of start: 27.07.2021					
Date of comp: 26.07.2022					

① Construction of embankment with material obtained from borrow pits

Change Area	main Area	Dist	Volume
350 m	0.962		
400 m	0.545	0.754	500 37.675
450 m	0.685	0.615	500 30.750
500 m	0.846	0.705	500 38.275
Total			106.70 m ³
100 m lead			106.70 m ³

② Construction of sub grade on earthen shoulders -

2 x 30.00 x 6.95 x 0.300	125.10 m ³
2 x 20.00 x 6.95 x 0.300	125.10 m ³
1 x 30.00 x 6.95 x 0.300	62.55 m ³

Total 312.75 m³
Continuation 250.20 m³

ABSTRACT of COST

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
① Providing and fixing of marking bench marks pillars - do -					
Qty unit m. 24 (16)					
Unit 100 m. 24 m					
② 3945.42 / 10 = 394.54					
Unit 100 m. 6 m					
③ 1810.65 / 10 = 181.065					
② clearing and grubbing road and including uprooting - do -					
Qty unit m. 24 (16)					
Unit 100 m. 1.05 m					
④ 53879.81 / 10 = 5387.98					
③ Construction of embank ment with approved materials - do -					
Qty unit m. 24 (16) (21)					
Unit 100 m. 718.45					
106.70 = 825.15					
⑤ 162.76 / 10 = 16.276					
Qty (16) Unit 100 m. 100 m					
⑥ 102.60 m. 190.42 m = 19537					
④ Construction of subgrade and earth should be ⑤ 16 + 21 + 23 + 24					
⑥ 2613.298 + 250.20 + 257.28 =					
= 3121.778					
⑦ 192.10 / 10 = 19.21					
Total - 828861 = 0					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Construction of granular subgrade providing well graded materials					
As voltm. R.M. (17) + (22)					
Vol. (5) + (6) As $809.10 + 108.45 =$					
$= 917.55 \text{ cu. m.}$					
⑥ Providing Drying, spreading and compacting stone chips of specified size 40.					
As voltm. R.M. (22)					
Vol. (4)					
As 323.98 m^3					
As $3573.62 / \text{m}^3 = 1157781 =$					
⑦ Providing and Axing of masonry in form of board with logs.					
As voltm. R.M. (17)					
Vol. (6) As $9246.34 / \text{m} = 18493 =$					
⑧ Earth work in excavation in foundation structure					
As voltm. R.M. (22)					
Vol. (2)					
As 59.59 m^3					
As $28394 / \text{m} = 16920 =$					
Total $4548758 =$					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑨ Providing m.s. grade P.C.C. interlocking course in foundation — Qty vol. m. BP (17) Qty (18) 5.92 m ³ ① 5317.07/m = 31477 =					
⑩ Brick masonry work in m. (1:4) in foundation — Qty vol. m. BP (18) Qty (18) 61.20 m ³ ① 5883.58/m = 360075 =					
⑪ Providing sloping R.C.C. pipe riser for culverts. Qty vol. m. BP (18) Qty (10) 25.00 m ³ ① 3998.16/m = 59972 =					
⑫ Plastering with c.m. (1:4) on brick works — do — Qty vol. m. BP (18) Qty (11) 15368 m ² ① 168.02/m = 92461 = Total 5022743 =					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) For width 1.5 m measurement					
Paving on 9 kwh					
work. do					
Ob unit m m (18)					
18 x (12) = 216 m					
216 x 12/m = 1340.80					
Total = 5024083.20					
Add 12% G.S.T. 4.14 kwh					(4) 653131.20
Add. S.F.					(4) 28006.20
Total = 5705220.20					
Less 13.55% Below					773057.20
					= 4932163.00
Less 2 m on All Bill					3402088.00
Net B					1530075.00
22P of human 12/12/2023 material statement					9-12-2023 J.D.
(1) Earth work					614.68 x 34.81 x 1.2
(2) Course sand					29.157 x 135.80 x 1.2 = 512.00
(3) Stone masonry					
53 mm to 9.5 mm = 48.58 x 6000.00 = 5015.00					
9.5 mm to 2.36 mm = 19.03 x 514.58 x 1.2 = 1000.00					
53 mm to 2.4 mm = 592.01 x 511.44 x 1.2 = 20049.00					
11.20 mm for grade 12 = 8624 x 372.21 x 1.2 = 3430.00					
Total = 28006.20					

Continuation

9-12-2023