

Smt Chandra Yadav.

अज्ञा 37 (SRD) / 2020-21

Masurha to Masurha Mahasabli Tehsil

Schedule XLV-Form No. 134

Head - MMIS (SC)

Jagru

DIVISION

अज्ञा

SUB-DIVISION

MEASUREMENT BOOK

MB-No-3169

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W: Cost of road from Mahsaur to (Mahsaur) Mchadablit Tola.					
Agency: Chanda Yadav.					
Agreement no: SDD/50-21					
Agreement amount: 122.5164					
Cost Est: 106.571					
Maintenance cost: 15.94584					
Date of starting: 13.08.2020					
Actual Date of completion					
Date of completion: 12.08.2021					

① Providing RCC MIS 25 Substan of uc - 211 Comp.					
M/W - $2 \times 6.15 \times 0.40 \times 0.60 = 2.955^3$					
② Re-c.MIS Km slope of Standard design - 211 Comp.					
Km slope - 3.0 NB					
200m slope - 8.0 NB					
Boundary pillars - 40.0 NB					
duct pipe - 60.0 m					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Diff -		7030.00
Box cutting -					
Qty. Same as P-3 =					60.00
Excavation for roadway					
CH 1050 to 1100 M					
					$60 \times 60 + 60 \times 60 + 25 \times 60 = 155.00$
Lead 1000 M					
CH 1600 to 1650 M					112.00
Subgrade -					
					$40 \times 30.0 \times \frac{3.40 + 7.20}{2} \times 0.20 = 2808.00$
					$40 \times 30.0 \times 2 \times 1.295 \times 0.1075 = 238.10$
					$40 \times 30.0 \times 2 \times 1.49 \times 0.20 = 715.00$
					$2 \times 800 \times 1.39 \times 0.175 = 399.20$
					$2 \times 800 \times 1.22 \times 0.160 = 312.32$
					1640.62
less shoulder cutting					136.00
					1504.62
					2380.48
less for cut					
GSB -					1066.32
W.P.M G.F.B -					566.14
C.P -					484.00
					262.02

3rd on A/O bill

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P/F of working bench on rock pillars - Comp.					
270 km P - (24)					
@ Rs 32675.70/m ³					Rs 6535124
② Clearing & grubbing soil land including uprooting - all comp.					
0.70 Hec. P - (14)					
@ Rs 51133.76/Hec					Rs 3579424
③/4 Cost of Embankment with approved materials obtained from borrow pits - all comp.					
35.9000 P - (24) roadway					
@ Rs 29.57/m ³					Rs 1062200
60.000 P - (24) hydraulic					
@ Rs 74.16/m ³					Rs 445000
60.000 P - (24) Box cutting					
@ Rs 126.24/m ³					Rs 7574400
112.000 P - (24) lead 100m lt. 109.000					
@ Rs 175.22/m ³					Rs 19099200
262.020 P - (24) lead 100m					
@ Rs 135.12/m ³					Rs 35404800
4321.620 P - (24) Subgrade					
@ Rs 176.86/m ³					Rs 7,64,32200
					Rs 9,33,05600

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.P.Rs		9,33,056.00
④ Cost of G.S.B by front-drag well graded 15% c/s - 211 loop					
					1066.32 m ² P-15
					@Rs 1502.36/m ² Rs 16,01,997.20
⑤ P/L spreading & compacting WBM 5-3 - 211 loop					
					566.14 m ² P-15
					@Rs 1930.88/m ²
					Rs 10,93,148.00
⑥ P/A Primer coat with bitumen emulsion - 211 loop					
					4545.0 m ² P-15
					@Rs 045.55/m ² Rs 2,07,025.00
⑦ P/A Tack coat with bitumen emulsion - 211 loop					
					4545.0 m ² P-15
					@Rs 15.48/m ² Rs 70,357.00
⑧ P/L Sp Compacting coarse graded Porous surface - 211 loop					
					4545.0 m ² P-15
					@Rs 202.75/m ² Rs 9,21,499.00

Continuation
Rs 48,27,082.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P Rs.		48,27,082.00
(9) R.C.C.M.S grade (km)					
stone of standard design					
3.0 NB P - (20) km slope					
@ Rs 2071.33/each					
					Rs 6214.00
8.0 NB P - (20) 200m slope					
@ Rs 596.54/each					
					Rs 4772.00
40.0 NB P - (20) Boundary pile					
@ Rs 484.52/each					
					Rs 19381.00
60.0 m P - (20) duct pile					
@ Rs 1585.07/m					
					Rs 95104.00
(10) P/L of hot applied thermoplastic waterproofing					
- all comp.					
240.0 m P - (21)					
@ Rs 735.44/m ²					
					Rs 1,76,506.00
160.0 m P - (21) CCP					
@ Rs 835.34/m ²					
					Rs 1,33,654.00
(11) Providing B/E Siding on prepared surface					
- all comp.					
800.0 m ² P - (21)					
@ Rs 506.54/m ²					
					Rs 4,05,232.00
					Rs 56,67,945.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					By Rs. 92,40,728=0
(15/33) 7m ² excavation in for 1000 ² trenchless lamp					
63.80 m ² p (16)					
@ Rs 294.73/m ² - Rs					18804=0
(16) Providing PCC M15 in levelling course - lamp					
9.12 m ² p (16)					
@ Rs 4755.18/m ² - Rs					43367=0
(17) Providing PCC M25 in Substructure - 211 lamp					
61.58 m ² p (16)					
2.95 m ² p (20)					
64.53 m ² p @ Rs 589.74/m ² - Rs					3,79,549=0
(18) P/L of Hume pipe NP ₂ for Culvert - 211 lamp					
15.0m p (16)					
@ Rs 3385.72/m - Rs					50,786=0
(19) Painting of parapet wall with Synthetic paint - 211 lamp					
40.80 m ² p (22)					
@ Rs 97.19/m ² - Rs					3965=0
					Rs 97,37,199=0
Add 12% GST					Rs 11,68,464=0
Add 1% L-Cess					Rs 97372=0
					Rs 1,10,03,035=0

