

3rd RAB 15 Measurement

Sch. XLV-Form No. 134

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

Work: Const of road & CD works from Mahasggang Basantpur path to Jhaghuwa.

Ag: 2/M M GSY/ NDB/ 2021-22
Agcy: Niket Kumar.
D.O. Agreement: 22.7.21

D.O. Meas: 20.03.23.

(01) Construction of un-reinforced PCC pavement - M20 - as per spec & rate of E.E.

First Part: $1 \times 27.50 \times 8.1 + 3.75 \times 0.16 = 26.27 m^3$

$$1 \times 20.00 \times 3.75 \times 0.16 = 18.00$$

$$1 \times 13.25 \times 3.75 \times 0.16 = 7.95$$

$$6 \times 20.00 \times 8.75 \times 0.16 = 108.00$$

$$1 \times 11.35 \times 3.75 \times 0.16 = 6.81$$

$$3 \times 20.00 \times 3.75 \times 0.16 = 54.00 (m)$$

$$1 \times 12.05 \times \frac{3.75 + 4.2 + 3.75}{3} \times 0.16 = 7.52$$

$$1 \times 19.33 \times 3.75 \times 0.16 = 15.60$$

$$4 \times 20.00 \times 3.75 \times 0.16 = 72.00$$

$$1 \times 17.85 \times \frac{3.75 + 4.2 + 3.75}{3} \times 0.16 = 10.95$$

2nd Part: $1 \times 22.57 \times \frac{3.75 + 4.2 + 3.75}{3} \times 0.16 = 14.17$

$$1 \times 23.10 \times \frac{3.75 + 3.7 + 3.75}{3} \times 0.16 = 13.80$$

$$\text{Total Qty} = 200.87 m^3$$

Ashutosh Kumar
20.03.23.

Ticked item
Checked
22.03.23
AE

Continuation



Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(01/01) PIF — working Benchmark					
pillars walk — all as per					
TLS and inch of Eice.					
Qty = 145 KM VMB Pg 11 (1)					
@ 3908.67 / KM = 5668 = -					
(02/02) Ref pillars —					
— do —					
Qty = 1.45 KM VMB Pg 12					
@ 1290 = 44 / KM = 2596 =					
(03/03) clearing grubbing					
load — do —					
Qty = 0.73 hect VMB Pg 13					
@ 513326 / hect = 37328 =					
(04/04) Excavation of roadway					
— manual means — do —					
Qty = 137.25 m ³ VMB Pg 14					
@ 74.16 / m ³ = 10178 = -					
(05/05) Const of embankment					
— with material —					
borrow pit — 1000 load — do —					
Qty = 660 m ³ VMB Pg 15					
@ 125.22 / m ³ = 115645 =					
(06/06) — do — 100m					
load — do —					
Qty = 1140 m ³ VMB Pg 16					
@ 141.14 / m ³ = 160700 = -					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(07/08) Const of Subgrade and earth shoulder -					
do					
Qty = 862.03 vms pg 12(7)					
@ 126.86/m ³ = 13486.3 =					
(08/08) Construction of granular sub base - G1 -					
do					
Qty = 576.42 m ³ vms pg 12(8)					
@ 3091.27/m ³ = 1781870 =					
(09/09) P/U/S/rolling -					
do					
Qty = 415.97 m ³ vms pg 12					
@ 3758.07/m ³ = 1563244 =					
(10/10) Providing & fixing -					
typical MMGSY log board -					
Qty = 3 Nos vms pg 12					
@ 10852.05/each = 32556 =					
(11/11) E/W in excavation -					
trenches - do -					
Qty = 46.98 m ³ vms pg 12					
@ 269.32/m ³ = 12653 =					
(12/12) Providing Plain - cement					
- M15 (1:2:5) with					
bench - do -					
Qty = 8.55 m ³ @ vms pg 13					
@ 5357.93/m ³ = 45811 =					

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(13/8) R/L - NP3 - 1000mm dia				
RCC Pipe				
Qty = 25.00 m				
@ 2560.10/m				57602
(14/3) R/L - 100mm dia - do				
Qty = 41.61 m				
@ 6151.29/m				255955
(15/24) R/L - RCC Pipe - 300 m				
dia				
Qty = 30.00 m				
@ 817.96/m				24539
(16/15) Construction of un-reinforced				
PCC Pavement - M20 - 200				

-do-

Qty = 300.87 m³ VMB Pg 15@ 6849.22/m³ = 2060728

Total Amount = 6302037

Add 1% labour cost = 6302037

Add 12% GST = 756244

Add signage fee = 6302037

Gross total = 7184321

Less 10.35% GA per 4/4 = 743577

Net total Amount = 6440744

Deduct Previous payment = 4334663

Payable since last payment = 2106081

Ashtul Ki
FE
21.03.23

22.03.23
PE

Continuation

C. J. P.
charu
22/3/23
EE