

उमरा प्रखण्ड M.R. ①
आसिवा कार्य विभाग कार्य प्रखण्ड एतासदी

Schedule XLV-Form No. 134

Name of work:- Balua Chouk to Bahua School Road

_____ DIVISION

Agency:- m/s Raby Khichar

_____ SUB-DIVISION

3001

MEASUREMENT BOOK

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
Name of work: — Maintenance and Repairs of road from Natus Choke to Balua School.					
Agency: — M/S Kishor Kumar					
Ag. No. — 13 MBD of 2020-21					
D.O. — 26.6.20.					
D.O.C. — 25.9.21					
<u>Recorded</u>					
(1) Providing Laying tack					
const. coat — — — — —					
$1 \times 21 \times 1.38 = 29.08$					
$1 \times 20 \times 4.15 = 83.00$					
112.08 179.98					

(1) <u>over all measurement</u>					
cleaning grubbing the road					
band — — — — —					
$2 \times 39.05 \times 1.0 = 78.10$					
= 1.44 Hec.					
(2) const. of GSB 45-11 — — — — —					
$\frac{1}{2} \times 4 \times 34.25 = 68.50$					
(3) Providing Laying W.B.M 45-2					
vid P. 7 $\frac{1}{2} \times 32.53 = 16.265$					
16.265					
(4) Providing W.B.M 45-3					
vid P. 64.79 m ³					
64.79					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Prov. Laying of Pavement					
1050					
vid P. 9					
Qty - 78.17 m ³					
(6) Providing Laying Prime coat SS Emulsion --- etc					
Qty vid P. 9 = 863.86 m ²					
(7) Providing tack coat					
RS Emulsion --- etc					
vid P. No. 10 Qty 863.86 m ²					
(8) Providing Laying SS mass 20 mm thick --- etc					
vid P. 10 Qty 863.86 m ²					
(9) Providing tack coat					
RS Emulsion --- etc					
1 x 20 x 4.35 = 87 m ²					
9 x 30 x 3.75 = 1012.50 m ²					
6 x 30 x 3.98 = 718.80 m ²					
2 x 25 x 4.25 = 212.50 m ²					
12 x 30 x 3.75 = 1350 m ²					
16 x 30 x 3.75 = 1800 m ²					
2 x 20 x 4.5 = 180 m ²					
3 x 30 x 3.80 = 342.00 m ²					
16 x 30 x 3.75 = 1800 m ²					
2 x 30 x 3.78 = 226.80 m ²					
1 x 20 x 3.75 = 75 m ²					
1 x 25 x 3.75 = 93.75 m ²					
3075 m ²					7859.55

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Providing SDBC 25 mm thick PCC - - - - -					
Qty vidy. 16 =	7089.55	16	0.25		176.48 m ³
(11) Road marking not applied Thermoplastic Paint compound - - - - -					
2 x 2075 m x 100 =					415 m ²
2 x 180 m x 100 =					200 m ²
					441 m ²
(12) const. of shoulder and Earthen shoulder - - - - -					
2 x 9 x 30 x .75 x .350 =					141.75 m ³
2 x 5 x 30 x .75 x .350 =					78.75 m ³
2 x 6 x 30 x .75 x .300 =					81.0 m ³
2 x 10 x 30 x .75 x .300 =					135 m ³
2 x 20 x 30 x .5 x .40 =					240 m ³
2 x 23 x 30 x .75 x .35 =					362 m ³
2 x 1 x 15 x .75 x .35 =					8.87 m ³
					1046.95 m ³
(13) S.F.P. R.R. Boundary Filler Qty 38 Nos					
(14) S.F. Typical Informetry Sign Board - - - - -					
Qty 3 Nos					
(15) S.F. 1 km and 200 m stone 1 km Qty 3 Nos					
(16) 200 m fast Qty 10 Nos					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) S.P.F. continuous sign Board - - - - -					
(17) circular Qty 2 nos.					
(18) equilateral triangle Qty 8 nos					
(19) Rectangular Qty 4 nos					
(17) Planting of tree Qty 100 nos.					
(18) Providing Road Protection existing masonry applied 2.5% of plastic compound - $2 \times 4 \times 5 \times 2 = 8 \text{ m}^2$					
(19) Prov. Brick Work e.m (1:1) Qty $2 \times 2 \times 6 \times 4 \times 6 = 5.76 \text{ m}^3$					
(20) Plastering e.m (1:4) $2 \times 4 \times 6 \times 6 = 28.8 \text{ m}^2$ $2 \times 2 \times 6 \times 4 = 9.6 \text{ m}^2$ $2 \times 4 \times 4 \times 6 = 1.92 \text{ m}^2$ 40.32 m ²					
(21) Painting two coat over plaster - - - - - Qty 40.32 m ²					
Subtotal 22.21					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1) cleaning & grading the road Land - - - etc					
Qty 1.44 Hac					
@ Rs 51133.76/Hac = Rs. 22498 =					
(2) const. of GSB 45-II - - - etc					
Qty 34.25 m ³					
@ Rs. 2010.10/m ³ = Rs 68446 =					
(3) Prov. Laying W.B.M 45-III					
Qty 32.53 m ³					
@ Rs 3599.62/m ³ = Rs 117095 =					
(4) Prov. Laying W.B.M 45-III					
Qty 64.79 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Prov. Laying of Pavement					
10	1030	---	2.6		
	Qty	72.17 m ³			
	AR	7135.96/m ³			561562
					561726
(10) Prov. Fixing R.C. Boundary Pillar					
16	Qty	38 Nos			
	AR	481.19			18285=
(11) Road Marking Lot applied thermoplastic compound.					
16		441.0 m ² (P. 12)			
		8.0 m ² (P. 13)			
		449.0 m ²			
	AR	735.44/m ²			330212=
(12) S.F.F. Uniform clay sign Board					
20	Board	---	2.6		
	Qty	3 Nos			
	AR	10535.40			31606=
(13) S.F.F. K.M. and 200m					
	Stone	---	2.6		
(1) K.M. Stone					
11	Qty	3 Nos			
	AR	2338.29			7014=
(11) 200 m Stone					
12	Qty	10 Nos			
	AR	620.84			6208=
(14) S.F.F. Contingency					
	Sign Board	---	2.6		
(1) Contingency					
14	Qty	2 Nos			
	AR	4817.63			9635=
(15) Equilateral triangle					
10	Qty	3 Nos			
	AR	3571.45			357145=

Continuation

4987
712766

3427663

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Rectangularly 4 MS					
Qty 4699.17					AB. 18768 =
(15) Planting of tree					
Qty 180 MS					
AB. 819.92					AB. 81992 =
(16) const. of earthen					
Groundwork --- etc					
Qty 1046.35 MS					AB. 176.861 MS = AB. 185057 =
(17) Paveding 3/4 W (1:3)					
Qty 5.76 MS					AB. 5776.19 / MS = AB. 33270 =
(18) Plastering cm (1:4)					
Qty 40.32 m ²					AB. 177.89 / m ² = AB. 7172 =
(19) Painting two coat					
new surface					
Qty 40.32 m ²					AB. 88.49 / m ² = AB. 3568 =
					425744.0 = AB. 4257230 =
Add 1% Lab. cess					AB. 42578 =
12% GST					AB. 510599 =
					510867 =
less 4.01% below					4810761 = AB. 4810669 =
Less Previous Payments					AB. 147297 =
					4613492 =
					3016626 =
					AB. 1596806 =
					1601418 =

2010374 =

Continuation

Construction

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