

Kumar Raw Ration Singh
Ag No 24 (SAD)/2020-21

PWD Road to Baghathar Choukhatig
Mithuara.

Head - MMUS (CC)

Schedule XLV Form No. 134.

R. W. D. (w) Jambh

DIVISION

Khaira.

SUB-DIVISION

Measurement Book

MB - 2654

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W:- PWD Road to Baghak					
- har chawch utiya vijuwara					
Agency:- Kumar Ram Ranjan singh vill + pot Jamui					
Agreement No:- 24 (SBD) / 2020 - 2021					
date of commencement:- 24-07-2020					
date of completion:- 23-07-2021					

Measurement

- ① providing and fixing of working benchmark price.

do-to	all	compte job	-	0.128km
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(2) clearing and grubbing

Road land do-do all compse.

$$1 \times 1 \times 30 \div 10 \times 3.50 = 105.00 \text{ m}^3$$

$$1 \times 1 \times 30 \times 3.50 = 105 \text{ W m}^3$$

$$1 \times 1 \times 30 \times 10 \times 3.50 = 105 \text{ cm}^3$$

$$1 \times 1 \times 70 \times 3.50 = 105 \text{ cm}^3$$

$$1 \times 1 \times 8 \text{ w } \times 3.50 = 28 \text{ w m}^3$$

			=	448.0 m ³	
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			=	0.0448 Ha
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③ construction of Embankment

with material observed.

Sl. No.	Ch	Area	mean Area	Dist	Volume
1	1500	0.390	0.610	100	61.00

2 1528 Continuation
0.590 0.530 28 14.840

Total qty. = 75.84

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
For 100.0m lead (55%) (12%)					
		Qty =	9.100m		³
④ construction of Embankment					
with material obtain					
for 100m lead (8%)					
		Qty =	6.07m		³
⑤ construction of Subgrade					
and earthen shoulder					
do-do all comp. job					
1x3x30.0x		7.00 + 8.6			³
		2			
1x1x30.0x		7.00 + 8.6			³
		2			
1x1x8.0x		7.00 + 8.6			³
		2			
1x1x8.0x		7.00 + 8.6			³
		2			
1x4x30.0x		4.092x0.20			³
1x1x8.0x		4.050x0.20			³
		Qty =	104.688m		³
⑦ providing & laying Spreading					
and compacting (w.B.m)					
Ord-3-do-do all comp. job					
1x4x30.0x		3.75x0.075			³
1x1x8.0x		4.35x0.075			³
		Qty =	36.36m		³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) providing and applying					
primer coat (SS-1)					
do-do ad complete job.					
1x 2x 30.00 x 3.75 =					225.00 m ²
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 1x 30.00 x 3.75 + 4.58 =					124.95 m ²
				2	
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 1x 30.00 x 3.75 + 4.58 =					124.95 m ²
				2	
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 1x 30.00 x 3.75 + 4.58 =					124.95 m ²
				2	
1x 5x 30.00 x 3.75 =					562.5 m ²
1x 1x 30.00 x 3.75 + 4.58 =					124.95 m ²
				2	
1x 3x 30.00 x 3.75 =					337.5 m ²
1x 1x 8.00 x 3.75 =					30.00 m ²
					Qty. = 5029.8 m ²
					Qty.
					13/6/22
					J.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x5x	30.00x	3.75	=5		62.5 m ²
1x5x	30.00x	3.75	=5		62.5 m ²
1x1x	30.00x	3.75+4.58	=		124.95 m ²
1x5x	30.00x	3.75	=5		62.5 m ²
1x1x	30.00x	3.75+4.58	=		124.95 m ²
1x5x	30.00x	3.75	=5		62.5 m ²
1x1x	30.00x	3.75+4.58	=		124.95 m ²
1x5x	30.00x	3.75	=5		62.5 m ²
1x1x	30.00x	3.75+4.58	=		124.95 m ²
1x5x	30.00x	3.75	=5		62.5 m ²
1x3x	30.00x	3.75	=		337.5 m ²
1x1x	8.00x	3.75	=		30.00 m ²
					Qty = 5029.8 m ²

- ⑪ providing and lugging of
hot applied thermoplastic
do-do all compse job.

For B.T portion

2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x5x	30.00x	0.100	=	30.00 m ²
2x3x	30.00x	0.100	=	18.00 m ²

Continuation
2x1x 38.00x 0.100 = 7.6 m²
Qty = 265.6 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) 600 mm equilateral triangle do-do all comp -					8.00 No.
(17) 600 mm circular —					5.00 No.
(18) 800 mm x 600 mm rectang. do-do all comp -					8.00 No.
(19) 600 mm x 450 mm rectang. do-do all comp -					5.00 No.
(20) Boundary pillar do-do all comp -					8.00 No.
(21) Direction and place identification signs —					8.00 No.
(22) providing and fixing of Typical mm GSY inform. sign board do-do all comp -					2.00 No.
(23) construction of Embankment with material obtained from borrow pit do-do complete job					
As per graph					
Sl No.	ch	Area	mean Area	Distance	Volume.
1	0	4.160	—	100	—
2	100	4.150	4.155	100	415.500
3	200	3.720	3.935	100	393.500
4	300	3.290	3.805	100	380.500
5	400	4.300	4.095	100	409.500
6	500	4.320	4.310	100	431.000

Deduction cost	Qty	
		709.9 m ³
subgravel on shoulder	= 42	23.182 m ³
G. S. B	= 116	2.158 m ³
w. B. m	= 43	4.051 m ³
P. C C	= 121	20 m ³
		= 709.9 m ³
709.9 m ³	- 694.730	= 15.17 m ³
lead of 1000 mm	= 8.343 m ³	
lead of 100 mm	= 6.827 m ³	
Qty		
25/6/22		
J.B		
		26/6/22
		1A/O

Continuation

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① providing and fixing of working benchmark pillar					
do-do all complete job					
Qty vide item no-				1	
P.No-8 T.M B=1.40 km					
Qty vide item no-				1	
P.No-15 T.M B=0.128 km					
Total = 1.528 km					
@ 32726 = 520/km					Rs 50066 = w
② clearing and grubbing Road					
land do-do all complete job					
Qty vide item no-				2	
P.No-8 T.M B=0.494 a					
Qty vide item no-				2	
P.No-15 T.M B=0.0448 Ha					
Total = 0.5348 Ha					
@ 51133 = 760/ Ha					Rs 27346 = w
③ construction of Embankment					
with material obtained from					
do-do all complete job					
1000m lead					
Qty vide item no-				3	
P.No-8 T.M B=382.10 m ³					
Qty vide item no-				3	
P.No-16 T.M B=9.100 m ³					
Qty Total = vide item no- 23					
@ 175 = 220/m ³					Rs
P.No-22 T.M B=8.343 m ³					
Total = 399.543 m ³					
@ 175 = 220/m ³					Rs 70008 = w
					Rs 147360 = w

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Construction of Embankment			134	RS 1	47360 m
with material obtained from					
borrow pit do-d-o all comp.					
Qty vide item No- 4					
P.No- 8 T.M B= 3			12.6	3 m ³	
Qty vide item No- 4					
P.No- 16 T.M B= 6.07				m ³	
Qty vide item No- 24					
P.No- T.M B= 6.82				7 m ³	
Total = 32				5.52 7 m ³	
@ 135 = 120/ m ³					RS 43985 = w

⑤ Construction of Subgrade					
and earthen shoulder with					
approved material do-d-o all					
Qty vide item No- 5					
P.No- 9 T.M B= 2808.00				m ³	
Qty vide item No- 5					
P.No- 16 T.M B= 298.83				m ³	
Qty vide item No- 13					
P.No- 21 T.M B= 11				16.3 52 m ³	
Total = 4				223.182 m ³	
@ 176 = 860/ m ³					RS 746912 = w

Continuation

→ RS 938257 = w

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Rf		R8 12	30650 =
(10/34) providing and laying					
Rec pipe No-3 for columns					
do-do all complete job					
Qty vide item No-10					
P.No-10 T.M B=7.50m					
@ 3392 = 150/m				R8 25	441 =
(11/35) painting on parapet wall					
do-do all complete job					
Qty vide item No-11					
P.No-10 T.M B=20.640m ²					
@ 97 = 190/m ²				R8 2	006 =
(12/3+12) construction of G.S. B					
by providing well graded					
do-do all complete job					
Qty vide item No-12					
P.No-10 T.M B=1057.47m ³					
Qty vide item No-6					
P.No-16 T.M B=104.688m ³					
@ 1592 = 900/m ³				Total = 1162.158m ³	1851201 =
				R8 1	66758 =
(13/9) providing laying spreading					
and compacting stone aggregate.					
WBM Cr-3 do-do all complete					
Qty vide item No-14					
P.No-11 T.M B=397.691m ³					
Qty vide item No-7					
P.No-16 T.M B=36.36m ³					
Total = 434.051m ³					
@ 2087 = 180/m ³				R8 905943 =	
				4015241 =	
				R8 2330798 =	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		BF		RS	515531020 34708672
(17/11) providing and applying tack coat with bitumen emulsion (Rs-1) do do compn.					
Qty vide item no- 9					
P.No-18 T.M		B=5029.8 m ²			
@ 15480/m ²				RS	77861700
(18/12) providing laying and rolling of close graded (S-90) do-do all compn job.					
Qty vide item no- 10					
P.No-19 T.M		B=5029.8 m ²			
@ 211510/m ²				RS	106385320
(19/12) providing and laying of hot applied thermoplastic compound for R.T Portion					
Qty vide item no- 11					
P.No-19 T.M		B=26506 m ²			
@ 735440/m ²				RS	195333200
(20/27) providing and laying of hot applied thermoplastic compound for CC portion.					
Qty vide item no- 12					
P.No-20 T.M		B=4000 m ²			
@ 835340/m ²				RS	33414200

Continuation

6525771=00

RS 4841328200

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Particulars	Details of actual measurement				Contents
	No.	L.	B.	D.	
(21/18) Km stone do-do all		BF			Rs 2077820
complete		JB			Rs 4132820
Qty vide item no-				14	
P.No-21 T.M B=3.00 No.					
@ 2096=250/No.					Rs 628950
(22/19) 200m stone do-do all					
complete					
Qty vide item no-				15	
P.No-21 T.M B=8.00 No.					
@ 607=020/No.					Rs 480820
(23/21) 600mm equilateral triangle do-do all complete					
Qty vide item no-				16	
P.No-22 T.M B=8.00 No.					
@ 3458=930/No.					Rs 2767120
(24/22) 100mm circular do-do all complete job.					
Qty vide item no-				17	
P.No-22 T.M B=5.00 No.					
@ 4684=590/No.					Rs 2342350
(25/23) 800mm x 600mm rectangular do-do all cart.					
Qty vide item no-				18	
P.No-22 T.M B=8.00 No.					
@ 6585=820/No.					Rs 5268750

Continuation

6640649200
 Rs 4956206500

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		BF		RS	6640649.200 456206.00
(26) 24 600 m MX		450 mm	80 tang.		
do do all comp. job					
Qty vide item No- 19					
P.No- 22 T.M B = S.W NO.					
@ 4559 = 130/100.				Rs 2	2796.00
(27) 28 Reinforced Cement					
Concrete mix grade boundary					
Pillar do do all comp. job					
Qty vide item No- 20					
P.No- 22 T.M B = S.W NO.					
@ 484 = 510/100.				Rs 3	876.00
(28) 29 ponding and erecting					
direction and place					
identical below do do all					
Qty vide item No- 21					
P.No- 22 T.M B = S.W NO.					
@ 116.56 = 510/100.				Rs 9	3252.00
304 1.40 = 0. Total					6760573.000 RS 5076130.00
Add G.S.T 12%					811269.000 RS 60913.600
Add 1% labour cess					67606.000 RS 50761.000
Total					7639448.000 RS 5736027.000
10% below					763944.000 RS 573603.000
Total					6875504.000 RS 5762427.000
deduction of previous paym				RS 44	78153.000
Total				RS 62	4277.000

Continuation

Cude
25/6/22Sij
25/6/22
J.C.Am
26/6/22
A.E.