

Agency - Niranjan Kr. Singh

Ag No - 31 (SBD) / 2020-21

P.W.D. Road & Irrigation Project Manki Tola

Schedule XLV-Form No. 134

Held - 01. M. GRSK (SC)

R.W.D.(w)

Jamal

DIVISION

SUB-DIVISION

Khanda

MEASUREMENT BOOK

M.B. No - 2727

M.B. 2727

2nd on A/C b21)

19

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/WI -	PWD	road	ind	per	
					Sigarpur Manjhi Tolá:
Agency -	Nirjhan Singh				
VII -	Endpay	for	Amar		
PS -	Khaura	District	Muz		
Head -	M M O S X	(sc)			
	Agreement No(B) S.D.B) 80-21				
Date of commencement	7-8-20				
Date of completion	6-5-21				
Actual date of completion					
Measurement					
(1) construction of subgrade and earthen shoulder do not do incomplete					
(Sides of c.c. portion)					
$2 \times 30.00 \times 1.00 \times 0.160 = 9.6 \text{ m}^3$					
$2 \times 30.00 \times 1.00 \times 0.160 = 9.6 \text{ m}^3$					
$2 \times 30.00 \times 1.00 \times 0.160 = 9.6 \text{ m}^3$					
$2 \times 1.80 \times 0.762 \times 0.160 = 4.09 \text{ m}^3$					
$2 \times 30.00 \times 0.762 \times 0.160 = 7.31 \text{ m}^3$					
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$2 \times 30.00 \times 0.762 \times 0.160 = 7.31 \text{ m}^3$					
$1 \times 30.00 \times 0.762 \times 0.160 = 3.65 \text{ m}^3$					
$\text{Total} = 80.4 \text{ m}^3$					

25/2/22

J.B

Continuation

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) providing & Laying of hot applied thermoplastic compound do. do. do. comt. sign board					
C. Partition					
2x1 x 30.00 x 0.100 =	6.00 m ²				
2x1 x 30.00 x 0.100 =	6.00 m ²				
2x1 x 30.00 x 0.100 =	6.00 m ²				
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2x1 x 30.00 x 0.100 =	6.00 m ²				
(10) providing & laying of typical mm size Inform. sign board do. do. do. complete job					
11) King Stone					2.00 ND
12) 200 m stone					3.00 ND
(13) providing & laying of mandatory information sign board					
14) 100 mm egular forstal triangular door do. do. complete job					4.00 ND

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7	580	4.260	4.260	80	340.800
8	600	4.410	4.355	20	87.100
9	700	4.830	4.620	100	462.000
10	800	5.150	4.990	100	499.000
11	880	3.550	4.350	80	348.000
24	CH	100	100	100	$= 3983.400 \text{ m}^3$
		Tetraplycryst & T			
		Deductor const			
40	CH	100	100	100	$= 249.91 \text{ m}^3$
5	PO	1.230	0.445	0.445	$(1.23 \times 0.445)^2 = 588.13 \text{ m}^3$
14	CH	1.745	0.445	0.445	$(1.745 \times 0.445)^2 = 181.180 \text{ m}^3$
10	Sub grade & Shoulder				$= 1696.15 \text{ m}^3$
	Mechan	in Flying Rdg			$= 2715.99 \text{ m}^3$
	Excav	W-1	Excav	Excav	

$$3988 - 33 \text{ m} \xrightarrow{\text{10.2 m}} 2715.98 \text{ m} = 1272.34 \text{ m}$$

$$1272 \cdot 34 \text{ m}^2 = 12234 \text{ m}^2$$

1000 m Land @ 20% slope = 24.468m³

100m long @ 80% A/H = 97.872m³

(20) Construction of the shoulder

do do du complete job.

(Side of Ch. S. 13 m. N. T.)

$$2 \times 2 \times 30.00 \times 1.100 \times 0.200 = 26.4 \text{ m}^3$$

$$2 \times 2 \times 30 \text{~W} \times 1.00 \times 0.206 = 24.06 \text{~W}$$

$$2 \times 2 \times 30 \text{ m}^3 \times 1.20 \times 0.200 = 28.8 \text{ m}^3$$

$$2 \times 2 \times 30,000 \times 1,20 \times 0,900 = 25,8 m^3$$

$$2 \times 2 \times 30 \text{ m} \times 1.16 \times 0.900 = 26.4 \text{ m}^3$$

$$20x2 \times 30.40 \times 1.00 \times 0.90 = 24.012m^3$$

2M2 X30.10X1120X0.200 E 30.96 m

$$2 \times 20.00 \times 1.28 \times 0.200 = 15.36 \text{ kg}$$

$$2 \times 90.10 \times 1.295 \times 0.200 = 15.54 \text{ m}^3$$

Continuation

$$2 \times 30.0 \text{ m} \times 1.295 \times 0.200 = 15.54 \text{ m}^3$$

$$2102 \times 30.18 \times 1.295 \times 0.1200 \approx 15.84 \text{ m}^3$$

AT 44° 51' 22".28 Lat. = 271.66 m

2nd on bill

Abstract of cost

27

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	D.	L.	B.	
(1) providing & fixing of working bankenark pillar					50.00
do do all complete job					30.00
Rfy vide item No - 1					58.8 M ²
P.No - 10 T.m/B = 0.880 Km					
Rs 827.75 - 920/Km Rs 2884.30					
(2) clearing & grubbing					
land do do all complete job					
Rfy vide item No - 2					
P.No - 10 T.m/B = 20.81 M ²					
Rs 5113.3 - 760/M ² Rs 15857.20					
(3) providing & fixing of steel rail in mangers					1515.3 M ²
board do do do all complete job					
Rfy vide item No - 3					
P.No - 10 T.m/B = 2.0 W NO					
Rfy vide item No - 10					
P.No - 24 T.m/B = 8.0 W NO					
Total 5.0 W NO					
Rs 9325 - 410/W NO - 5146627.200					
(4) construction of embankment					
with material carrying from					
borrow pits do do all complete job					
do do M ² load					
Rfy vide item No 4					
P.No - 10 T.m/B = 230.0 M ²					
Rfy vide item No 19 276824.468					
P.No - 25 T.m/B = 76824.468					
T.m/B = 24.468 Total 2308.8 M ²					
254468 M ² Rs 175 = 220/M ²					
Rs = 44588.00					

other works or

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rs 573425/-
(6) (16) providing & laying of 9 sq m for road cement concrete					
Pipe duct 300 mm dia do do all complete job					
BTM wide item No - 6					
P. No - 11 T.W.B = 30.60m					
Rs 1586/- per m \Rightarrow Rs 47586/-					
(7) (31) Booth work in excavation					
Per square do - do dep complete job					
BTM wide item No 7					
P. No - 12 T.W.B = 59.596m					
Rs 294/- per m \Rightarrow Rs 17565/-					
(8) (32) providing mast (per 1.2555) in levelling course m					
foundn do - do all complete					
BTM wide item No - 8					
P. No - 12 T.W.B = 9.190m					
Rs 4864/- per m \Rightarrow Rs 44709/-					
(9) (33) plain Rebarred corner concrete m ² in substitution do - do - do complete job					
BTM wide item No - 9					
P. No - 12 T.W.B = 71.420m					
Rs 600/- per m ² \Rightarrow Rs 428861/-					

Continuation

Rs 1112146/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Bt 83 2638364 ⁼⁰⁰
(14) Construction of cement concrete pavement do					
(14) do - del complete job					
Qty - vide item No - 14					
P.N. - 13 Tm. B = 181.80m ²					
Rs 7150/- 2020/m ² Rs 1299874 ⁼⁰⁰					
(15) Laying brick soffit					
(15) after on prepared					
Sub grade brick soffit					
do on edging do - do					
do - del complete job					
Qty - vide item No - 15					
P.N. - 14 Tm. B = 270.6m ²					
Rs 504/- 650/m ² Rs 136266 ⁼⁰⁰					
(16) providing & applying					
(16) former coat (st+)					
do - do do (complete)					
Qty - vide item No - 5					
P.N. - 21 Tm. B = 2196mm ²					
Rs 45/- 570/m ² 100072 ⁼⁰⁰					
(17) providing & applying					
(17) back coat (R+T) 50mm					
emulsion do - do all over					
Qty - vide item No - 6					
P.N. - 22 Tm. B = 2196mm ²					
Rs 15/- 490/m ² 1084016 ⁼⁰⁰					

Continuation

→ Rs 4208592⁼⁰⁰

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25)					Rs 480 922 400
(21) 18	Kilometre Stone do do				
	do all complete				
	Qty Vide Item No 11				
P. N.	24 Tim B = 2.00 NO				
@ Rs 2100 2950 / NO Rs 4201 200					
(22)	200 m stone do do				
(19)	do 6000 Vide NO				
	Qty Vide Item No 12				
P. N. 24	Tim B = 2.00 NO 2311 200				
@ Rs 60 2870 / NO Rs 1806 200					
(23)	600 mm circular				
	triangle do do				
	do complete job				
(24)	Vide Item No 13 - 1125 200				
P. N. 24	Tim B = 4.00 NO				
@ Rs 24 61 20 / NO Rs 1384 400					
(22)	600 mm Circular				
	do do do complete job				
(24)	Vide Item No 14				
P. N. 25	Tim B = 2.00 NO				
@ Rs 46 86 780 / NO Rs 937 400					
(25)	800 mm x 600 mm rectangular do do				
	do complete job				
	Vide Item No 15				
P. N. 25	Tim B = 4.00 NO				
@ Rs 6588 20 / NO Rs 26352 00					
Continuation					
→ Rs 4864802 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25) rectangular door					486480/-
(26) rectangle door	600 mm x 150 mm				
(27) boundary pillars					
(28) do do do					
(29) wide item No. 16					
(30) P. No. 25 T.M. B = 2.0 m No					
(31) @ Rs 4561=830/- No. 8	912820				
(32) Boundary pillars					
(33) do do do					
(34) wide item No. 17					
(35) P. No. 25 T.M. B = 2.0 m No					
(36) @ Rs 481=52/- No. 8	7752/-				
(37) providing cresting					

direction & place do			
do do complete job			
By wide item No. 18			
P. N. 25 T.M. B = 4.0 m No			
(37) @ Rs 11658=830/- No. 8	46635/-		
(38) Labour 1 s. f. 492832/-	492832/-		
(39) M. 18 m F. 1 s. f. 5568992/-	5568992/-		
below 10y. 5568992/-	5568992/-		
5012093/-	5012093/-		
Previous amount. 3663378/-	3663378/-		
Carf 1348715/-	1348715/-		
27/3/22			

J.G. Ayanur
Continuation 26/3/22
A2