

Sampat Chak we chipura Panchayat ke gram chipura

Kala (banki chipura) Paschim transformare se dakshin -

Schedule XLV-Form No. 134

mls Dhamagwad North

Eng. R.W.D. 200888 — **DIVISION**

Sampat Chak — **SUB-DIVISION**

MEASUREMENT BOOK

7610

1.
Name of work -
Situation of work -
Agency by which work is executed -
Date of measurement -
No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -	Sampatchak Me.				
	Chipura Khurd ke Paschima				
	Transformer be. parab				
	Kabitpur. Mandir Tak.				
Agency -	M/s Dhameshwar Nath				
	Construction				

Agg No -	33 M37/23-24			
Date of start -	19/8/23			
Date of comp -	18/5/24			
Date of measurement -				

① Clearing & Grubbing Road Land
by (manually means) - 40-40-6/1

$2 \times 5 \times 30.0 \times 1.0$	$= 300 M^2$
$2 \times 5.0 \times 30.0 \times 1.0$	$= 300 M^2$
$2 \times 5.0 \times 30.0 \times 1.0$	$= 300 M^2$
$2 \times 5.0 \times 30.0 \times 1.0$	$= 300 M^2$
$2 \times 5.0 \times 30.0 \times 1.0$	$= 300 M^2$
$2 \times 5.0 \times 30.0 \times 1.0$	$= 300 M^2$
$2 \times 3.0 \times 30.0 \times 1.0$	$= 180 M^2$
$2 \times 1 \times 10 \times 1.0$	$= 20.0 M^2$

Continuation

$2000 M^2 / 10000$
 $= 0.2 Ha$

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
② Discontinuing of cement concrete pavement as per technical specification					
do - do - E/I					
1 x 5.0 x 30.0 x 3.75 x 0.160					= 90.0 M ³

③ Construction of Granular Sub-Base
G.S.B - do - do - E/I

3 x 1.75 x 2.1 x 0.1	=	1.102 M ³
2 x 2.1 x 1.550 x 0.1	=	0.651 M ³
5 x 2.55 x 1.650 x 0.1	=	2.103 M ³
3 x 1.650 x 1.950 x 0.1	=	0.965 M ³
4 x 2.30 x 2.2 x 0.1	=	2.024 M ³
3 x 1.85 x 2.15 x 0.1	=	1.193 M ³

5 x 3.5 x 2.5 x 0.1	=	4.375 M ³
5 x 3.2 x 2.0 x 0.1	=	3.200 M ³
4 x 3.0 x 1.95 x 0.1	=	2.34 M ³
5 x 2.65 x 2.10 x 0.1	=	2.782 M ³
5 x 3.3 x 2.90 x 0.1	=	4.785 M ³
4 x 2.85 x 3.5 x 0.1	=	3.762 M ³
3 x 3.1 x 2.85 x 0.1	=	2.65 M ³
5 x 3.9 x 2.9 x 0.1	=	5.655 M ³

Total = 37.587 M³

④ Providing, Laying, Spreading and Compacting stone Aggregate WBM-II

do - do - E/I		
3 x 1.75 x 2.1 x 0.075	=	0.826 M ³

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2 x 2.1 x 1.55				x 0.075 =	0.647 M ³
5 x 2.55 x 1.65				x 0.075 =	1.577 M ³
3 x 1.65 x 1.95				x 0.075 =	0.724 M ³
4 x 2.30 x 2.2				x 0.075 =	1.518 M ³
3 x 1.85 x 2.15				x 0.075 =	0.895 M ³
5 x 3.5 x 2.5				x 0.075 =	3.281 M ³
5 x 3.2 x 2.0				x 0.075 =	2.40 M ³
4 x 3.0 x 1.95				x 0.075 =	1.755 M ³
5 x 2.65 x 2.1				x 0.075 =	2.086 M ³
5 x 3.3 x 2.9				x 0.075 =	3.588 M ³
4 x 2.85 x 3.3				x 0.075 =	2.821 M ³
3 x 3.1 x 2.85				x 0.075 =	1.987 M ³
5 x 3.9 x 2.9				x 0.075 =	4.241 M ³

5 x 5.2 x 2.87				x 0.075 =	5.596 M ³
4 x 4.5 x 2.2				x 0.075 =	2.970 M ³
5 x 3.2 x 2.1				x 0.075 =	2.520 M ³
8 x 2.9 x 1.95				x 0.075 =	3.393 M ³
5 x 5.3 x 2.9				x 0.075 =	5.763 M ³
7 x 3.1 x 2.0				x 0.075 =	3.255 M ³
1 x 3.1 x 2.0				x 0.075 =	0.465 M ³
5 x 30.0 x 3.75				x 0.075 =	42.187 M ³
3 x 30.0 x 3.75				x 0.075 =	25.312 M ³
1 x 10.0 x 3.75				x 0.075 =	2.812 M ³
					122.619 M ³

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑤ Construction of dry lean cement concrete sub base over G.S.B - do do do					
	3	1.75	2.1	0.1	= 1.102 M ³
	2	2.1	1.550	0.1	= 0.651 M ³
	5	2.550	1.650	0.1	= 2.103 M ³
	3	1.650	1.950	0.1	= 0.965 M ³
	4	2.30	2.200	0.1	= 2.024 M ³
	2	2.1	1.6	0.1	= 0.672 M ³
					<u>7.517 M³</u>

⑥ Construction of pannel concrete, plain cement concrete pavement -					
M30 Grade - do - do - E.I					
	1	30.0	$\frac{3.8+4.5+4.5}{3}$	0.1	= 12.799 M ³
	1	30.0	$\frac{4.4+3.9+4.0}{3}$	0.1	= 12.30 M ³
	4	30.0	$\frac{3.9+4.2+4.6}{3}$	0.1	= 50.799 M ³
	1	20	$\frac{3.9+4.1}{2}$	0.1	= 8.00 M ³
					<u>83.898 M³</u>
<i>Done</i> 15/10/23 <i>Subtotal</i> 15/10/23					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑦ providing & applying primer coat with Bitumen Emulsion (BSI) on prepared surface					
do-do-E/I					
5x30x	3.75				562.5M ²
6x30.0x	3.75				675.0M ²
5x30.0x	3.75				562.5M ²
6x30.0x	3.75				675.0M ²
4x30.0x	3.75				450.0M ²
1x20.0x	3.75				75.0M ²
					3000M ²
					1762.5M ²

⑧ providing & Laying tack coat with Bitumen Emulsion (BSI)					
do-do-E/I					
5x30.0x	3.75				562.5M ²
6x30.0x	3.75				675.0M ²
5x30.0x	3.75				562.5M ²
6x30.0x	3.75				675.0M ²
4x30.0x	3.75				450.0M ²
1x20.0x	3.75				75.0M ²
					3000M ²
					1762.5M ²

⑨ Providing, Laying and Rolling of close graded premix Surfacing of 20mm thickness - do-do-E/I					
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Continuation

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1 x 20	3.95	2.75	0.025	1.925 M ³	
		2		75.725 M ³	

Done 9/11/23
" 10/23

~~Supern~~
11.11.29
A.E.

CP
Dr
10/11/25

Abstract of cost	
① Clearing & Grubbing Road Land by Manually - do-do - E/I	
0.2 Ha. VT MB ($\frac{P}{1}$ at-1)	33300
(a) $75573 = 34/\text{Ha} - \text{Rs} - 15115 = 00$	
② Dismantling of cement concrete pavement - do-do - E/I	
90.0 M ³ VT MB ($\frac{P}{1}$ at-2)	161910
(a) $1799 = 00/\text{M}^3 - \text{Rs} - 161910 = 00$	
③ Construction of Granular Sub Base. GISB - do-do - E/I	
37.587 M ³ VT MB ($\frac{P}{2}$ at-3)	122860
37.50 M ³ (a) $3276 = 26 - \text{Rs}$	122860 = 00

R. 29,9885.00

Continuation

Ry-1742805.00

Certified...

B. 1742805.7

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Particulars	Details of actual measure			Contents of area	
	No.	L.	B.	D.	Rolling of
(9) Providing, Laying and Rolling of close Graded premix surfacing - do - do - do					
1762.5 M ²	VTMB (P at - 09)				
1634.53 M ²	(@ 25.9.65/M ²)			RS -	42440620
(10) Providing, Laying tack coat with Bitumen emulsion (RS) - do - do - do					
3000 M ²	VTMB (P at - 10)				
	(@ 20.25/M ²)			RS	6075620
(11) Providing & Laying dense bituminous concrete					
do - do - E/I					
75.725 M ³	VTMB (P at - 11)				
75	(@ 13191.57/M ³)			RS	99893220
Add GST 18% (+)					322689320
Add 1% L.S (+)					58084120
Add S.F (+)					3226920
					3365520
					387365820
below 10% (-)					38736620
					h. 348629220
Done by 11/11/23					
Superv 11/11/23					

Continuation

Contd. of ...

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Signature Fee</u>					
① G.S.B					
53MM-9.5MM	= 24.17	@ 93.175	=		2236=00
9.5MM-236MM	= 9.64	@ 42.997	=		413=00
Coarse Sand	= 14.44	@ 57.78	=		820=00
<u>② W.B.M-II</u>					
53-9.5MM	= 151	@ 93.175			14069=00
Screening	= 26.6	@ 42.99			1144=00
<u>③ P.C.C.</u>					
20MM	= 41.3	@ 120.70			4985=00
10MM	= 20.6	@ 59.50			1226=00
Sand	= 30.9	@ 57.78			1785=00

④ Premix					
13.2MM	= 47.5	@ 42.99	=		2042=00
⑤ S.D.B.C					
9.5-4.75	= 62.8	@ 59.50	=		3737=00
4.75 below	= 45.4	@ 26.40	=		1198=00
					3365=00
<i>Signature</i> 11/11/23 <i>Supervisor</i> 11/11/23 AR					

Continuation

101 11/11/23 11/11/23

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
210/3 Final bill.					
C Name of work - Construction of Road					
Sampatchak me chipura					
Khund ke Pachima transform					
se Purab Karitpur mandir					
TAK.					
Agency - M/s Dhakeshwar Nath construction.					
Ag NO - 33/HBD/23-24					
Date of start - 19/08/23					
Date of comp - 18/05/24					

Date of measurement -				
Recorded Entry -				
① Providing & Fixing R.C.M-15				
grade Kilometer stone - do do				
② KM stone.				
1 x 2			=	2 MD
③ 200 mtr stone				
1 x 4			=	4 MD
④ Providing & Fixing of retro.				
reflectorised cautionary &				
informatory sign board - do do.				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(i) 600mm equilateral triangle					
	1	4		=	4 NO
(ii) 600mm circular					
	1	4		=	4 NO
(iii) 600mm x 450mm rectangular					
	1	2		=	2 NO

Revised Entry

③ Providing & Fixing R.C.C. M-15 grade boundary Pillars					
do do 5/1					
	1	40		=	40 NOS
	1	4		=	4 NO
					44 NO

Revised Entry.

④ Printing new letter & figures of one shed - do do					
	2	176		=	352 per cm
					Light

⑤ Planting of tree by the road side do do do.					
	1	16		=	16 NO

⑥ Disturbance of existing structure do do do.

⑦ cement concrete $1 \times 3.5 \times 1.5 \times 0.150 = 0.81 \text{ m}^3$ ⑧ Brick masonry $= 2 \times 6.2 \times 0.825 \times 3.0 = 30.69 \text{ m}^3$ ⑨ Humppide $= 1 \times 5 = 5 \text{ mtr}$

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Providing & Laying M.S.					
PCC in Foundation — do — do —					
H.W. —	2x2x6	450	1.40	0.150	$= 5.418 \text{ m}^3$
Obro pipe —	2x1x4	931	1.530	0.250	$= 3.772 \text{ m}^3$
deduct					9.19 m^3
less for pipe	$0.250 \times 0.7857 \times (1.23)^2 \times 5.496 \rightarrow 3.266 \text{ m}^3$				
					$0.44 = 5.924 \text{ m}^3$
(2) Providing & Laying RCC					
in sub str — do — do —					
H.W. —	2x2x6	450	0.825	2.580	$= 52.362 \text{ m}^3$
Parapet —	2x2x6	150	0.4	0.6	$= 5.904 \text{ m}^3$
					58.266 m^3
less for pipe Portion.	$2 \times 2 \times 0.7857 \times (1.23)^2 \times 0.622 \rightarrow 2.956 \text{ m}^3$				
					55.31 m^3
(3) Providing & Laying RCC					
HP-3 Humo pipe — do — do —					
	2x3x7.5				$= 15.0 \text{ m}^3$

Continuation

Unit for Allotment 1186239200
 L.M. - 152, dt 16.11.2023

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Particulars	Details of actual measure				
	No.	L.	B.	D.	
date of date material					
E/W		417	4.5	m ²	
stone metal		194	57	m ²	
stone chaks		292	925	m ²	
stone dust		12	53	m ²	
coarse sand		71	313	m ²	
B mch			2880	116	
			2500	116	
E mch		551	1.525	m ²	
u RSI			1.2396	m ²	
Br km S-90			3.409	m ²	
u S-65			8.846	m ²	

mem o of paya	2	1186239200	
S.D-S/c	2	59312200	
grt-2/c	2	23725200	
L.C-1/c	2	11863200	
S.4571/c	2	23725200	
C.4571/c	2	11863200	
Roy	2	13906200	
Roy (M)	2	14737200	
SF	2	14261200	
By chs	2	1024709200	
		1186239200	

Passed for Rs: 1186239200 E/eam
 lakh eighty six thousand two hundred thirty nine

one chr
 2/5/24
 Executive Engineer
 Rural Work Department
 Work Division, Palna

2/5/24

16

15/3/24.

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