

File
House of Pounding Pass
No 1080
Schedule XIV-Form No. 134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

799

← 4000 → 4000
4000 4000 4000 4000

Sch. XLV - Form No. 134

Executive Engineer RWD DIVISION
Development

Assistant Engineer RWD SUB-DIVISION
CWA

Measurement Book

No. *799*

Name of Officer _____

Date of first entry _____

Date of last entry _____

Date of Measurement

No. and date of agreement

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

Particulars	Details of actual measurement				Contents of area
	Th	L	B	H	
Name of Proprietor	M. S. S. S. S.				
Name of Proprietor	M. S. S. S. S.				
Name of Agency	M. S. S. S. S.				
Cap. Village	M. S. S. S. S.				
P.O. Village	M. S. S. S. S.				
Handwritten Note	M. S. S. S. S.				
Agreement No.	35/20/2021-2022				
Date of Commencement	16/09/2021				
Date of Completion	15/09/2022				

Date of Measurement - 20/09/2022

Work done details

(1) Providing & Fixing of Working

Benchmark Pillar

Qty 1 No.

Reference Pillar

Qty 3 Nos.

(2) Clearing and Grubbing Road land etc

do do as Comp.

$$2 \times 12 \times 30 \times 3.50 = 2520 \text{ m}^2$$

$$2 \times 7 \times 30 \times 3.50 = 1470 \text{ m}^2$$

$$2 \times 6 \times 30 \times 3.50 = 1260 \text{ m}^2$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 1 \times 2.5 \times 3.80 = 19.5 \text{ m}^2$
					542.5 m^2
					$= 0.54 \text{ Hare.}$
($\frac{3}{3}$)	Construction of embankment with approved material etc do-dw. all comp. E/w calculation as per graph.				
CH (m)	cls Area m^2	Mean cls Area m^2	Length m	Quantity m^3	
D	2.06	-	-	-	-
50	1.953	2.007	50	100.325	
100	1.751	1.852	50	92.600	
150	2.45	2.101	50	105.025	
200	2.23	2.340	50	117.000	
250	1.96	2.095	50	104.750	
300	1.35	1.655	50	80.750	
350	1.15	1.250	50	62.500	
400	1.82	1.485	50	74.250	
450	1.48	1.650	50	82.500	
500	2.25	1.865	50	93.250	
550	1.685	1.968	50	98.375	
600	0.93	1.308	50	65.375	
650	1.79	1.360	50	68.000	
700	2.199	1.995	50	99.725	
755	3.025	2.612	50	143.660	
			Total E/w	$= 1390.69 \text{ m}^3$	

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(4)	Construction of gutter				
	- malar gch has etc				
	do do all comp etc				
	5	30	3.75	0.10	56.25 m ³
	7	30	3.75	0.10	78.75 m ³
	3	30	3.75	0.10	33.75 m ³
	2	30	3.75	0.10	22.50 m ³
	5	30	3.75	0.10	56.25 m ³
	2	30	3.75	0.10	22.50 m ³
	1	30	3.75	0.10	11.25 m ³
	1	25	3.75	0.10	9.37 m ³
					290.62 m ³
	Extr widening of Canal				

$\frac{0+3}{2} \times 10 \times 0.10 =$	5.60 m ³
	296.22 m ³

(5)	WBM grading				
	Providing laying				
	Spreading and compaction				
	- ling stone etc do do				
	all comp etc				
	5	30	3.75	0.075	42.19 m ³
	7	30	3.75	0.075	59.06 m ³
	3	30	3.75	0.075	25.31 m ³
	2	30	3.75	0.075	16.57 m ³
	5	30	3.75	0.075	42.19 m ³
	2	30	3.75	0.075	16.57 m ³
	1	30	3.75	0.075	8.43 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1 x 25 x 3	75 x 0.075			27.03 m ³
					217.73 m ³
	ex 1/2 widening in curve				
	0 + 8	14 x 0.075			4.20 m ³
	2				222.13 m ³
	Hume Pipe Culvert				
	1 x 1000 mm dia - 2 b/w				
(6/18)	Earthwork in excavation etc do do				
	all comp.				
H.W	2 x 2 x 6.45 x 1.40 x 1.50				54.18 m ³
Below pipe 2 x	1 x 4.55 x 1.53 x 0.365				5.41 m ³
					59.59 m ³

(7/19)	Providing mis pcc				
	(1:2:5:15) as levelling				
	etc do do - all comp.				
H.W	2 x 2 x 6.45 x 1.40 x 0.150				5.41 m ³
Below pipe 2 x 1 x	4.931 x 1.530 x 0.250				3.77 m ³
					9.18 m ³
(8/22)	Providing and laying				
	Rec pipe 1500 for				
	culverts etc do do				
	all comp.				
	2 x 3 x 7.50 = 75 M.				
(9/25)	plain reinforced				
	concrete concrete in				
	Sub-structure etc				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
do do - all Comp. Job.					
H.W	2x2	6.15	x 0.825	x 3.18	= 64.53 m ³
Panepat	2x2	6.15	x 0.40	x 0.60	= 5.90 m ³
1:4 for pipe	2x2	0.485	x 1.730	x 0.622	= 2.95 m ³
					67.48 m ³
<u>Pawan</u> 20/07/2022 AE <u>Kumar</u> 20/07/2022 AE					

Material statement

$$E/W = 1390.08 \text{ m}^3$$

$$\text{Stone chips} = 353.36 \text{ m}^3$$

$$\text{Coarse Sand} = 105.58 \text{ m}^3$$

$$\text{Stone Metal} = 268.77 \text{ m}^3$$

$$\text{Stone Screening} = 53.31 \text{ m}^3$$

Pawan Kumar
20/07/2022
AE

Pawan Kumar
20/07/2022
AE

Abstract of Est

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Sch XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
(1/1) Providing & fixing of working Bandhwa Pillar					
1 No (Vide Tmp 1)					
@ Rs 3572 = 13					Rs 3572 = 13
Ref. V. 10 Pillar					
3 Nos (Vide Tmp 1)					
@ Rs 1602 = 99					Rs 4908 = 99
(2/5) Closing and Grubbing Road land etc do do all comp jch					
0.54 Ha (Vide Tmp 2)					
@ Rs 52970 = 23					Rs 28603 = 23

(3/3) Construction of embankment etc do do all comp jch					
1390.08 m ³ (Vide Tmp 2)					
@ Rs 190 = 36					Rs 264615 = 62
(4/6) Construction of granular Sub-base etc do do all comp					
296.22 m ³ (Vide Tmp 3)					
@ Rs 1739 = 31					Rs 5150029 = 4
(5/7) WBM Grading 3: Providing laying, spreading and Compaction stone & do do all					
					Rs 831580 = 11

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Comp. sub.			
222.13 m ³ (Vide TMBP-4)		@ Rs 2595 = 23			Rs 575367.48
(6/19) Earthwork in provision etc do do all comp. sub.					
59.59 m ³ (Vide TMBP-4)		@ Rs 279 = 09			Rs 16630.94
(7/14) Providing m ₁₅ PCC 1:2:5 (55) or levelling etc do do all comp.					
9.18 m ³ (Vide TMBP-4)		@ Rs 4200 = 25			Rs 38741.80
(8/22) Providing and laying Rcc pipe 1100 for culverts etc do do all comp. sub.					
15 m (Vide TMBP-4)		@ Rs 3583 = 98			Rs 53759.4
(9/20) Plain Reinforced concrete in sub-structure etc do do all comp. sub.					
67448 m ³ (Vide TMBP-5)		@ Rs 494 = 86			Rs 333476.4
					Rs 18,49,557.4
		Add 12% P.S.T			Rs 2,21,947.4

Continuation

B.F.R. 20, 71, 504 = 00

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