

प्रमाणित किया जाता
है कि मापी हुई लंबाई में भ्रम
तकरीब 100 फुट है जिसे
यह काम अतिमत्त R.W.D
मधुबन के पदनाम से निर्गत
किया गया है

For signature
10/7/21
Executive Engineer
R.W.D Works Division
199 Pakaridaya
1-7-21

मुख्य
ग्राम

मंत्री
में।

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Sch. XLV - Form No. 134

PAKRIDAYAL DIVISION

MADHUBAN SUB-DIVISION

Measurement Book

No.

Name _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of work -	construction of Roads				
C.D. work with	Five years maintenance				
of Tikam to	madhubur under NABARD				
Name of Agency -	M/s Harshvardhan				
construction Add - At -	Tikam P.C.P.C.				
madhubur Dist -	East Champaran				
Agreement No -	06 S.B.D. / 2022-23				
Date of work order -	07-05-2022				
Time of completion -	06-05-2023				
Record Entry					
(1) construction of P.C.M. 25					

1st km	8x	30.0x	3.75x	0.160 = 144.0m ³
	1x	10.0x	3.75x	0.160 = 6.0m ³
2nd km	7x	30.0x	3.75x	0.160 = 126.0m ³
	1x	15.0x	3.75x	0.160 = 9.0m ³
	6x	30.0x	3.75x	0.160 = 108.0m ³
Extra width on horizontal curve	1x	20.50x	0.60 to 0.40	0.160 = 1.64m ³
			2	
	1x	12.10x	0.70 to 0.55	0.160 = 1.21m ³
			2	
				395.85m ³

(2) construction of subgrade

Earthen shoulder road 1000 m

all complete

Earthen shoulder (sides of hbm)

$$2 \times 10 \times 30.0 \times 1.295 \text{ avg} \times 0.075 = 58.28 \text{m}^3$$

$$2 \times 10 \times 30.0 \times 1.295 \text{ avg} \times 0.075 = 58.28 \text{m}^3$$

Continuation

$$C.O.B. = 116.56 \text{m}^3$$

Sch. XLV-Form No.13		21				Contents of area
Particulars	Details of actual measurement					
	No.	L.	B.	D.		
ABSTRACT OF COST						
(1) construction of Reference						
2.0	Working Bm --- all complete					
vide TMB item (1) PN - 7						
1.660 Km @ RS 5255 = 90/km RS					8725.00	
(2) construction of Reference						
2.0	pillars/Buttress --- all complete					
vide TMB item (2) PN - 7						
1.660 Km @ RS 2837 = 88/km RS					4711.00	
(3) clearing & grubbing Road						
3.0	land --- all complete					
vide TMB item (3) PN - 7						
0.504 Km @ RS 53879 = 82/km RS					26940.00	
(4) E/W in Excavation for						
31.0	foundation of structure ---					
all complete						
vide TMB item (4) PN - 7						
75.24 m ³ @ RS 283 = 94/m ³ RS					21364.00	
(5) sand filling in foundation trench						
32.0	--- all complete					
vide TMB item (5) PN - 7						
5.71 m ³ @ RS 444 = 32/m ³ RS					2537.00	
(6) B/Fs in foundation trench						
33.0	--- all complete					
vide TMB item (6) PN - 7						
57.28 m ² @ RS 295 = 14/m ² RS					16906.00	
					C.O.B 31183.00	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.R.S	81183=00
(7) providing pcc m/s in open					
34.0 foundation - - - all complete					
Vide TMB item (7) PH-8					
12.33 m ³ @ RS 5667 = 48/m ³					RS 69140=00
(8) B/m in cm (1:4) in head					
35.0 wall - - - all complete					
Vide TMB item (8) PH-8					
53.02 m ³ @ RS 5615 = 37/m ³					RS 297727=00
(9) providing 1000mm Ø RCC					
36.0 NP3 Hum pipe - - -					
all complete					
Vide TMB item (9) PH-8					
15.0 m @ RS 4034 = 13/m					RS 60512=00
(10) plastering with cm (1:4)					
37.0 - - - all complete					
Vide TMB item (10) PH-8					
72.80 m ² @ RS 175 = 93/m ²					RS 12808=00
(11) providing 1.5mm cement pluming					
38.0 - - - all complete					
Vide TMB item (11) PH-8					
26.52 m ² @ RS 58 = 86/m ²					RS 1561=00
(12) Excavation for Roadway in					
7.0 soil - - - all complete					
Vide TMB item (12) PH-8					
164.24 m ³ @ RS 75 = 61/m ³					RS 12418=00
				C.O RS	535349=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.Rs	535349=00
(13) construction of USB gate					
9.0					
----- all complete					
Vide TMB item (13) PN - 9					
594.24 m ³ @ Rs 2752 = 43/m ³ Rs					1653431=00
(14) construction of W.B. gate					
10.0					
----- all complete					
Vide TMB item (14) PN - 9					
429.20 m ³ @ Rs 3424 = 16/m ³ Rs					1469649=00
(15) construction of subgrade					
5.0					
& Earthen shoulder - - -					
all complete					
Vide TMB item (15) PN - 17					
चन					
गि					
1135.27 m ³ @ Rs 191=82/m ³ Rs					217767=00
(16) construction of pcc m25					
14.0					
pavement - - - all complete					
Vide TMB item (1) PN - 13					
395.85 m ³ @ Rs 6754 = 42/m ³ Rs					2673737=00
(17) construction of Embankment					
4.0					
lead 1000 m - all complete					
Vide TMB item 3(A) PN - 16					
896.14 m ³ @ Rs 190 = 14/m ³ Rs					170392=00
(18) construction of Embankment					
6.0					
lead upto 100m - all complete					
Vide TMB item 3(B) PN - 16					
2090.99 m ³ @ Rs 153 = 90/m ³ Rs					321803=00
				C.O. Rs 70	42128=00

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F-RS 7042128=00
(19) providing 300mm ϕ NP3 HP					
29.0 - - - - - all complete					
vide TMB Item (4) PN- 16					
30.0m @ RS 866=05/27					RS 25982=00
(20) providing RCC MIS Km post					
16.0 - - - - - all complete					
vide TMB Item (5) PN- 16					
2.0 Nos @ RS 2405=26/each					RS 4811=00
(21) providing RCC MIS grade					
17.0 200m post - all complete					
vide TMB Item (6) PN- 16					
2.0 Nos @ RS 633=28/each					RS 4573=00
(22) providing RCC MIS grade					
18.0 boundary pillars - - -					
all complete					
vide TMB Item (7) PN- 16					
16.0 Nos @ RS 545=73/each					RS 8732=00
(23) painting two coats on					
19.0 pulvert parapet wall					
- - - - - all complete					
vide TMB Item (8) PN- 16					
44.64 m ² @ RS 102=26/m ²					RS 4565=00
(24) P&F of typical masonry					
23.0+24.0					
informative signboard with logs					
5 maintenance board - - all complete					
					C.O RS 7090791=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/E/Rs	7090791=00
vide TMB item (9) PN-	17				
4.0 Nos @ Rs 14175 = 53/each				Rs	56702=00
(25) P&F of Retro-Reflective					
cautionary, mandatory & information					
sign - - all complete					
vide TMB item (10) PN-	17				
(i) 600mm Equilateral Triangle					
25.0					
12.0 Nos @ Rs 3673 = 24/each				Rs	44079=00
(ii) 600mm x 450mm Rectangular					
27.0					
2.0 Nos @ Rs 4246 = 70/each				Rs	8493=00
(iii) 900mm side octagon					
28.0					
2.0 Nos @ Rs 8007 = 66/each				Rs	16017=00
(26) planting of trees & their maintenance					
30.0					
for one year - - all complete					
vide TMB item (11) PN-	17				
100.0 Nos @ Rs 855 = 50/each				Rs	85550=00
(27) providing B/E/S in both sides					
8.0					
of flanks - - all complete					
vide TMB item (12) PN-	17				
491.25 m ² @ Rs 479 = 10/m ²				Rs	235358=00
(28) providing prime coats-1					
1.0					
- - all complete					
vide TMB item (13) PN-	18				
3787.50 m ² @ Rs 47 = 73/m ²				Rs	180777=00
				C.O. Rs 77	17769=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF RS 77	17769=00
(29) providing tack coat RS-1					
12.0					
all complete					
vide TMB item (14) PN-18					
3787.50 m ² @ RS 16=11/m ²				RS	61017=00
(30) providing 20mm thick					
13.0 close graded premix					
carpet (waste plus 2%)					
all complete					
vide TMB item (15) PN-18					
3787.50 m ² @ RS 215=05/m ²				RS	814502=00
(31) painting on Rigid pavement					
20.0					
all complete					
vide TMB item (16) PN-19					
131.0 m ² @ RS 93=56/m ²				RS	12256=00
(32) providing 2.5mm thick Road					
21.0 marking					
all complete					
131.0 m ² vide TMB item (17) PN-19					
+ 200.0 m ² vide TMB item (18) PN-19					
331.0 m ² @ RS 721=98/m ²				RS	238975=00
				RS	8844519=00
add GST 12.0-1.				RS	1061342=00
add Labour cess 1.0-1.				RS	88445=00
add Seigniorage fee PN-11 + PN-20				RS	124947=00
				RS	10119253=00
SS 10.57% as per Agreement				RS	1069605=00
				C.O.	RS 9049648=00

Continuation

