

Kottar Road to Pampadan Kungu byla.
311421

Schedule XLV-Form No. 134

E. E. R. W. D. (W)

DIVISION

24877

A. E. R. W. D. (W)

SUB-DIVISION

TANAKUPPA

MEASUREMENT BOOK

3058

File No. 3058
Covthmore 41011.

Est on A/c Bill

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Construction of Road from KOKtha Road to Mahudan Rangdarbigha under MMHSY (World Bank)					
Name of Agency - M/s Aadarssh construction, At - Gaurakshani, Mompur, Gaya.					
Agreement No. - 145/MMHSY/WB/MBD/2021-22					
Date of Commencement - 29.09.21					
Date of completion - 28.09.22					
Date of measurement - 28.4.22					
1) E/W in excavation of found. of Str -					
C 1000mm RH.P.C - 04 nos					
H.W. $(4 \times 2 \times 6.30m \times 1.40m \times 1.50m) = 105.84 m^3$					
Pipe bank $(4 \times 1 \times 5.90m \times 1.50m \times 0.50m) = 10.62 m^3$					
					116.46 m ³
2) P.V. A.C.C. M15 in found. - R.C.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>5th & Final Measurement</u>					
Name of the Work: <u>Construction of Road from</u>					
<u>Koktha Rd to Maledor Rangdarbong</u>					
<u>Under MMHSF (W.D)</u>					
Agency:	<u>M/S Aachish Construction</u>				
Agreement No.:	<u>145/MMHSF/WL/HDD</u>				
	<u>2021-22</u>				
dt of Comm:	<u>29-09-2021</u>				
dt of Comp:	<u>28-09-2022</u>				
dt of Acc Comp:	<u>25-12-2023</u>				
<u>upto date present is below:</u>					
<u>item no (9)</u>	<u>Construction of granular Subbase by</u>				
	<u>Providing well graded. - - -</u>				
<u>B.T Post</u>					
<u>0 to 15.0</u>	<u>1x1</u>	<u>15.0</u>	<u>4.05</u>	<u>0.20</u>	<u>= 12.15 Cum.</u>
<u>15 to 50.0</u>	<u>1x1</u>	<u>(30.0+5.0)</u>	<u>x 4.05 x 0.20</u>		<u>= 28.35 "</u>
<u>50 to 78.0</u>	<u>1x1</u>	<u>28.0 x</u>	<u>4.05 + 4.50 + 4.05</u>		
			<u>$\frac{3}{x} 0.20$</u>		<u>= 23.52 "</u>
<u>78 to 268.0</u>	<u>6x1</u>	<u>30.0</u>	<u>4.05</u>	<u>0.20</u>	<u>= 145.80 "</u>
	<u>1x1</u>	<u>10.0</u>	<u>4.05</u>	<u>0.20</u>	<u>= 8.10 "</u>
<u>268.0 to 305.0</u>	<u>1x1</u>	<u>(30.0+7.0) x</u>			
			<u>4.05 + 7.0 + 4.05</u>		
			<u>$\frac{3}{x} 0.20$</u>		<u>= 37.24 "</u>
<u>305.0 to 360.0</u>	<u>8x1</u>	<u>30.0</u>	<u>4.05</u>	<u>0.20</u>	<u>= 194.40 "</u>
	<u>1x1</u>	<u>15.0</u>	<u>4.05</u>	<u>0.20</u>	<u>= 12.15 "</u>
<u>C.O - 461.77 Cum</u>					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
1 km (1) Construction of Reference along B.M.					
By vide the M.B. No (33)					
2.0 KM @ Rs 4673.41/KM					Rs 9347 = 00
2/ Construction of Reference pillar.					
By vide the M.B. No (33)					
2.0 KM @ Rs 3162.29/KM					Rs 6325 = 00
(3) Cleaning & grubbing of Road dead.					
By vide the M.B. No (153)					
1.433 HC @ Rs 50989.56/HC					Rs 73068 = 00
(6) Construction of embankment work					
Approved & actual obtained: - - -					
1000 m dead.					
By vide the M.B. No (64) & (65)					
1062.17					1,94,505 = 00
- 1060 m @ Rs 183.12/Cum					Rs 194136 = 00
(7) Construction of embankment work approved					
- - 1000 m dead					
By vide the M.B. No (69) & (65)					
2478.40					3,68,588 = 00
2473.68 m @ Rs 148.72/Cum					Rs 367886 = 00
(8) Construction of Subgrade & E/W					
Shoulders.					
By vide the M.B. No (63)					
4755.30 m					
395.52 m					
do					
(63)					9,84,613 = 00
5150.82 Cum @ Rs 191.16/Cum					Rs 986382 = 00
5150.73					
Continuation 0: 16,36,446 = 00					
C.0 Rs 1637144 = 00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Bf = R	1637144 = W
Item 16(9) Construction of drainage sub base					
by providing well graded...					
Qty vide this H.B. p. 14 (5) 115					
508.06	1514.68 Cum @ R	1617.09 / Cum	- R	24,38,636 = W	2449374 = W
Item 16(10) Providing laying spreading					
& Compacting stone Mett / Cor III...					
Qty vide this H.B. p. 16 (5) 100					
578.307 Cum @ R	2266.67 / Cum	- R	1310831 = W		
Item 16(11) Providing & Applying Primer Coat					
with Bitumen Emulsion (SS-1)...					
Qty vide this H.B. p. 16 (3) 100					
6372.39 Cum @ R	41.69 / Sqm	- R	265673 = W		
Item 16(12) Providing & Applying Tack Coat					
with Bitumen Emulsion (R-1)...					
Qty vide this H.B. p. 16 (5) 100					
6372.07 / Cum @ R	14.52 / Sqm	- R	92849 = W		
Item 16(13) Providing laying & rolling					
of close graded premix surface...					
Qty vide this H.B. p. 16 (5) 100					
6372.57 / Cum @ R	168.07 / Sqm	- R	1071041 = W		
				C.D. →	6815,476 = W

C.O.R. 6826912 = W

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Rt - R 68,26,912 = 10
1-11492 Construction of unkerfaced drain					
Joint at expansion ...					
Qty wide the H.B. per (54)					
133.80 cum @ R 5322.26/cum - R 712118 = 10					
1-11495 Dry Brice Soling layer					
unprepared ...					
Qty wide the H.B. per (61)					
230.05 cum @ R 442.95/cum - R 101763 = 10					106,188 = 10
1-11496 R.C.C 1/15 grade kerb stone ...					
ordinary R.H. Stone					
Qty wide the H.B. per (61)					
3 Nos @ R 2152.90/No - R 6474 = 10					
1-11497 200 m stone					
Qty wide the H.B. per (61)					
8 Nos @ R 594.29/No - R 4758 = 10					4398 = 10
1-11498 R.C.C 1/15 grade kerb stone					
bandy pallas ...					
Qty wide the H.B. per (61)					
50 Nos @ R 511.45/No - R 25573 = 10					

C.O.R 76,77,238 = 10

Continuation

C.O. - 76,70,587 = 10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Bf = Rs	7677238 = 10
14-11-19) Painty Thro Coats including					
Primer Coat - - -					
Qty vide the H.B. pr 16 (62)					
156.24 sqm @ Rs 95.41/sqm - Rs					14907 = 10
14-16-21) Brandy & dry of floor					
Brandy & dry of floor - - -					
Qty vide the H.B. pr 16 (62)					
3 Nos @ Rs 9076.48/No - Rs					27229 = 10
14-16-22) Brandy & dry of floor					
Reflected Brandy & dry of floor - - -					
Qty vide the H.B. pr 16 (62)					
(22) 600 mm calculation ceiling					
12 Nos @ Rs 4487.61/No - Rs					53851 = 10
(23) 600 mm calculation ceiling					
10 Nos @ Rs 3552.02/No - Rs					35520 = 10
20 Nos @ Rs 3323.80/No - Rs					66476 = 10
(24) 600 x 450 mm. Rect. put					
10 Nos @ Rs 4362.57/No - Rs					43626 = 10
(25) 900 mm side octagon					
2 Nos @ Rs 7782.10/No - Rs					15564 = 10

1.0 Rs 789889 = 10

Continuation (0.1) 78,61,284 = 10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.S. - R. 7898897=0	
1-14(26) Sandy clayey soil (approx.)					
Thermoplastic Comp. - -					
Qty vide this H.B. p. 14(26)					
40.0520 Cum @ R. 708.10/sqm - R. 283240=0					
1-16(27) Earthwork excavation for stracks - -					
201.13 Cum Qty vide this H.B. p. 16(27)					
58.50 Cum - - - - - (54)					
259.63 Cum Ld k. 252.0 Cum @ R. 297.84/cu - R. 74048=0					
1-18(28) Sandy concrete for plan/road					
Crack in open for 2nd p. (14)					
Qty vide this H.B. p. 18(28)					
8.99 Cum @ R. 4020.85/Cum - R. 36147=0					
1-19(29) Sandy concrete for plan/road					
in open for 2nd p. p.c.c. H. 15					
Qty vide this H.B. p. 19(29)					
51.91 Cum @ R. 4026.22/Cum R. 20900=0					
1-20(30) Sandy concrete for plan/road					
in open for 2nd p. p.c.c. H. 20					
Qty vide this H.B. p. 20(30)					
75.27 Cum @ R. 4251.80/Cum R. 320033=0					

(C.O.) - 87,83,753=0

Continuation

(C.O.) - 88,21,360=0

Particulars	Details of actual measurement				Contents of area
	No	L.	B.	D.	
					87,83,753=10
1-14(31) Paddy (area for plan)					
Reinforced concrete in open field					
L.C.C.H.					
17.78 Cum Qty vide the H.B. p. 14(34)					
227.60 y		4762.53			(60) 11,53,907=10
245.38 Cum @ Rs 4662.94/Cum - Rs 11,44,192=					
Item 14(32) Supplying & laying H.B.					
Reinforced					
Qty vide the H.B. p. 14(36)					
9.722 H.T. @ Rs 53963.34/H.T. - Rs 4,70,738=					
Item 14(33) Plain/Reinforced Cement					
Sub structure - P.C.C.H.					
Qty vide the H.B. p. 14(34)					
23.17 Cum @ Rs 4135.23/Cum - Rs 9,58,14=10					
Item 14(34) Plain/Reinforced Cement					
in Sub structure - P.C.C.H.					
Qty vide the H.B. p. 14(32)					
52.16 Cum @ Rs 4667.47/Cum - Rs 2,43,456=10					
Item 14(35) Plain/Reinforced Cement					
Crossed in sub structure R.C.C.H.					
Qty vide the H.B. p. 14(34)					
18.0 Cum @ Rs 4920.40/Cum - Rs 8,85,67=10					

Continuation

C.O. Rs 10,86,327=10

1,08,36,435=10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. = R ₁	10864327 = 0
Item (36) Provide & lay R.C.C in					
Substructure of R.C.C. M ₂₅ - -					
Qty wide the H.B. per No (34)					
13.21 Cum @ R ₁ 5639.40/Cum - R ₁					74496 = 0
Item (37) Supply & transport of					
HTSD bar reinforcement in 5 pr steel					
Qty wide the H.B. per No (34)					
6.33 M.T @ R ₁ 55252.41/M.T - R ₁					349779 = 0
Item (38) Backfilling behind Abutment					
long wall - -					
Qty wide the H.B. per No (35)					
17.01 Cum @ R ₁ 788.32/Cum - R ₁					13411 = 0
Item (39) Provide & lay holes in					
concrete 1st stage H.B. - -					
Qty wide the H.B. per No (35)					
24 No's @ R ₁ 113.18/No's - R ₁					2716 = 0
Item (40) Provide & lay R.C.C					
the R ₃ - - 1000 mm dia.					
Qty wide the H.B. per No (32)					
30/0 R ₁ @ R ₁ 3888.70/L - R ₁					116661 = 0

C.O.R. - 11421390 = 0

Continuation

C.O. - 1,13,93,498 = 0

B. 1. 1,13,93,498.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				1/2 = R	11421390 = 00
It is 41) Long Port Canteen				1/2 = R	
on first class - - - - -					
Qty side of 14.5 pgs 16(23)					
115.0 Rm @ R 725.93/Rm - R					89232 = 00
It is 42) Fill in road					
as per drawing - - -					
Qty side of 14.5 pgs 16(32)					
30.53 Rm @ R 516.43/Rm - R					15767 = 00
It is 43) Planting of Trees by the					
Road side - - - - -					
Qty side of 14.5 pgs 16(61)					
248 Nos @ R 809.38/No's - R					200726 = 00
				Total 1. 1,15,99,223 = 00	
				Total = R 11727115 = 00	
					15,20,899 = 00
Add 12% GST + 1% L. cess (+)					1524525 = 00
Add Seigniorage fee (+)					15246304 = 00
					1,34,66,426 = 00
				Total =	13497944 = 00
Less previous payment (-)					R 9236626 = 00
				G. Total = R	4261318 = 00
					42,29,800 = 00

Continuation