

Agency: Bhaleswar (Ind. Pnt. Lt)

Schedule XLV-Form No. 134

Dihwar Mgr PMSSY Road to Rangh Bighd via
Bana Concl pul MMSY-NDB

E.E. Road. WDU - Amangal DIVISION

E. Do. SUB-DIVISION

NO-14493

MEASUREMENT BOOK

Certified That This M.B. Contain (100)
Pages By Printers Machine And Issued
To Sr..... Amrdeep Suman A.E.-R.W.D
Work Sub-DIO

28/2/24
Executive Engineer
Rural Works Division, ml
Works Division, Aurangabad

Sch. XI.V-Form No. 134

EE A. bad. DIVISION

AE Deo. SUB-DIVISION

Measurement Book

No.

Name of officer

Sri Amrdeep Suman
AE. DEO.

Date of first entry

Date of last entry

For RA BML

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 -					
Location -					
road Ranga Ranga					
Wid. Banna Canal pul					
Wid. Road - MMSW-NDD					
(Approximate) length of boundary					
Agency -					
Public Ltd. Private Colony					
Krishnanagar Bangalore					

Agreement - 08/08/2023-24

Agreement - Rs (6.9923 + 5.4424) = 0.117642

Start Date - 06-02-2024

Date Completion - 05-02-2028

(i)	Setting out pillars				
(ii)	Bench Mark pillars				
	1 No				1 No
(ii)	Reference pillars				
	2.0 Nos				2.0 Nos
(3)	Clearing and Graveling				
	road land - do all				
	Gravel - do				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	2x12x30.00	3.50			2520.00 m ²
	2x8x30.4	3.50			1680.00 m ²
					4200.00 m ²
					0.42 m ²
(3)	HPC 1000 mm dia				
	E/W in construction for				
	foundation to all				
	Group 2d				
H.W.	2x2x6.45	1.40	1.50		54.18 m ³
Below pipe	2x1x4.850	1.53	0.25		5.42 m ³
					59.60 m ³
(4)	Boreding 12-18 cbs				
	leveling 6000 m				

	foundation to all				
	Group 2d				
H.W.	2x2x6.45	1.40	0.15		5.42 m ³
Below pipe	2x1x4.931	1.53	0.25		3.77 m ³
					9.19 m ³
(5)	Plain reinforced concrete				
	Concrete in substructure				
	Group 2d				
H.W.	2x2x6.15	0.825	0.58		57.36 m ³
Parapet	2x2x6.15	0.40	0.60		5.90 m ³
Less for pipe	2x2x0.285	1.03	0.60		3.95 m ³
					43.51 m ³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑥	PIL RCL pipe 100 mm				
	for center to center				
	Gmp 26				
	$3 \times 3 \times 2.50 = 15.00 \text{ m}^3$				
	WPC Forming				
⑦	Foot walk in concrete				
	for foundation to				
	all Gmp 26				
W.W.	3	2	3.90	1.15	40.86 m^3
Below pipe	3	1	5.35	1.13	6.62 m^3
					$\text{Total} = 46.98 \text{ m}^3$
⑧	Ponding m.s as levelling				
	course in foundation				
	to all Gmp 26				
W.W.	3	2	3.90	1.15	4.04 m^3
Below pipe	3	1	5.31	1.13	4.50 m^3
					8.54 m^3
⑨	Plain reinforced concrete				
	Concrete in Substructure				
	to all Gmp 26				
W.W.	3	2	3.60	0.70	42.03 m^3
Pumpet	3	2	3.60	0.40	5.18 m^3
Below pipe	3	2	6.785	0.882	1.72 m^3
					$\text{Total} = 45.49 \text{ m}^3$

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(16) P/L RCC pipe - N.P. 3 for Culvert & all Gumpha 7-1/2					
Concrete drainage		3 x 3 x 2.50	=		22.50 m ³
(17) Grout of Embankment with material obtained from borrow pit & all Gumpha 2-1/2					
(i) For 1000 m lead					
L.W.S.	11 x 30.0	$\frac{(1.20 + 1.30)}{2}$	x 0.40	=	165.0 m ³
R.W.L	10 x 30.0	$\frac{(1.40 + 1.20)}{2}$	x 0.40	=	156.0 m ³
				total =	321.0 m ³
(ii) For 100 m lead					
L.W.S.	10 x 30.0	$\frac{(1.40 + 1.60)}{2}$	x 0.60	=	270.0 m ³
R.W.S.	10 x 30.0	$\frac{(1.60 + 1.80)}{2}$	x 0.70	=	357.0 m ³
R.W.S.	5 x 30.0	$\frac{(1.40 + 1.30)}{2}$	x 0.60	=	121.50 m ³
L.W.S.	5 x 30.0	$\frac{(1.30 + 1.60)}{2}$	x 0.50	=	108.75 m ³
				total =	857.25 m ³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(12)	G.S.B. Grading-I				
	Grnt of granules				
	Sub base by paddy				
	M.M. graded - to				
For D1 Partim	all Comp				
Grd in	2x13x30x0.525x0.10				40.95 m ³
retaining	2x1x10x0.525x0.10				1.05 m ³
G.S.B. for	13x30x0.405x0.102				157.95 m ³
On day	1x10x0.405x0.102				4.05 m ³
For profile	4x7x3.5x3.4x0.10				8.40 m ³
Grd in	6x2.5x1.50x0.10				2.25 m ³
On level	4x1.6x1.4x0.10				0.89 m ³
	6x1.8x1.3x0.10				1.40 m ³
	8x2.0x1.5x0.10				2.40 m ³
For pcc	2x6x30x0.625x0.10				22.50 m ³
Partim	2x1x20x0.625x0.10				2.50 m ³
	8x1.4x1.5x0.10				1.68 m ³
For profile	6x1.2x1.7x0.10				1.22 m ³
Construction	10x1.4x1.3x0.102				1.82 m ³
On level	3x1.2x1.1x0.102				0.53 m ³
(13)	For B.M. Grading - 3 = P/L				
	Spreading, Compacting				
	Stone aggregates of				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Spot grid sizes to					
Water bound Material					
Home to up					
Gravel to					
B-1 Portion	13	30	3.25	0.075	109.69 m ³
Field light	1	10	3.25	0.075	2.81 m ³
Outlet	6	1.6	1.4	0.075	1.00 m ³
	10	1.1	1.1	0.075	0.90 m ³
	4	1.2	0.8	0.075	0.29 m ³
for	6	30	3.25	0.075	50.63 m ³
PCC	1	20	3.25	0.075	5.63 m ³
Portion	18	1.4	1.5	0.075	0.63 m ³
	38	1.2	1.2	0.075	0.46 m ³

Total = 172.04 m³

(14) Provision and supply of
of Project P.C.C. of
typical H.M.C.S. in form
sign board to all
Gravel to

Logs and
information
here

2.00 m³ 2 2.00 m³

(15) Excavation for road work
to all Group 25

B-1 Portion 27/13 30 3.25 0.075 60.45 m³27/14 10 3.25 0.075 1.55 m³PCC 27/67 30 3.25 0.075 22.50 m³27/17 20 3.25 0.075 2.52 m³

Continuation

87.02 m³

from
27/19 20 3.25
25

ABSTRACT OF CGST

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(11) Settling out pillows Benchmark pillows VP No (1)					
1.00 NER @ Rs	4499.33	Leno	R		4499.00
(12) Reference pillows VP No (2)					
2.00 NER @ Rs	2084.68	Leno	R		4169.00
(13) Loading and unloading road load to 25 VP No (3)					
0.42 Ha @ Rs	7557.33	Rate	R		31741.00
(14) Box Cutting & Excavation for road way 18m all 6m x 25 VP No (4)					
87.00 m ³ @ Rs	103.96	Rate	R		9045.00
(15) Grout of Embankment with material obtained from borrow pit all 6m x 25 for 100 m to level VP No (5)					
321.00 m ³ @ Rs	261.09	Rate	R		83810.00

Continuation

R 133264.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(10/29) Earth work in quantity for foundation work all Gup-26					
57.60 m ³	VP No (2)				
46.98 m ³	VP No (3)				
106.58 m ³ C.R.	398.62 km ³	Ry			42485200
(11/32) Boundary M.S. as dwelling (C.R. in foundation) to all Gup-26					
9.19 m ³	VP No (2)				
8.54 m ³	VP No (3)				
17.73 m ³ C.R.	648.46 km ³	Ry			115189200

(12/31) Plain/Pindul Cornd Gharo n substitution to all Gup-26					
43.51 m ³	VP No (2)				
45.49 m ³	VP No (3)				
89.00 m ³ C.R.	7475.20 km ³	Ry			665293200

(13/33) Boundary laying RCC pipe NP-3 for Cental to all Gup-26					
	VP No (3)				
15.00 m ³ C.R.	7838.52 km ³	Ry			112428200

Continuation

Ry 78899200

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
241341					
Boundary and closing					
ACE pipe 111-3 for					
Catchment area					
Graphs					
VPM (4)					
22.50 Hm. Rg	3310.26			Rg	74481200
				Rg	285732300
AAA GST 18% on Rg					51432700
AA LC 14% on Rg					2852400
AA S Fee				Rg	4864800
				Total Rg	344892200
Less 0.11 % below				Rg	379400
Rs Agreed				Rg	344512800
