

Schedule XLV-Form No. 134

RMD Sagarani DIVISION - 2

NOKG SUB-DIVISION

Measurement Book

1/18

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 Vishnupur to Raghunathpur under MGSy					
Agency - Sd. Anil Roy VLP - Vishnupur, Indraghata, Karup					
Indraghata Dist - Raibani (Beloni)					
Agreement no - RHD/SSM-2/11584					
- 06/2019-20					
Date of work order to Commence - 18.10.2019					
Date of entry: - 2.6.20					
Item (a) (1) Roading & Paving of working bench mark: -					
(1) Bench mark pillar	—				1 no
(11) Reference Pillars	—				3 nos
Item (b) (2) clearing & grubbing Road Land in clearing up work					
Wild vegetation, grass, bushes, shrubs, trees of girth 30 cm — EPI					
$2 \times 9000 \times 350 = 63704$					
FO: 64 Hect					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Qty	4399.407
Deduct sub grade & Earths					
Shoulders				(-)	2464.52
Deduct Qty of SSB				(-)	735.32
Unit of 711.684					1199.56
Item (4) Construction of sub grade					
& Earths shoulders with approved					
Material obtained from borrowings					
Rate ————				BPD	
(1) Construction of sub grade:-					
Length:- 910.04					
Width $-(6.826 + 7.726) \div 2$				7.2764	
Hence Qty $- 1 \times 910.04 \times 7.2764 \times 0.30$					
				=	1964.524
1) Earths shoulders					
Adjacent to SSB (RT Pattern)					
$2 \times 900.04 \times 1.388 \times 0.20$					499.684
Total					2464.207
Item (5) Granular sub base					
by providing well graded material					
spread up to ————				B/S	
$29 \times 30.04 \times 4.05 \times 0.20$					704.707
$1 \times 20.04 \times 4.05 \times 0.20$					16.207
Total					720.907
Add extra for turn up 2%					14.42
Continuation					735.327

Particulars	Details of actual measurement				Contents of area
	W	L	B	H	
Structure (2/10) Providing 2 ft ramp of typical 44 ft long including 2 ft base with 10 ft long as per 20 ft spreader — — — — —					212
Qty. 3.112					
Structure (2/12) — — — — —					
Providing 1 ft base, 2 ft spread of 10 ft base to 10 ft spread — — — — —					21
Qty. 1.000					

Structure (2/17)					
2.112 Single Reinforced 2 ft H.P. Culvert					
Eft. in ex. condition for foundation of structure up to 3.04 depth as per drawing — — — — —					212
Face wall					
3.112 x 2.212 x 6.45 x 1.40 x 1.50 = 21.274					
Below Pipe — 3 x 4.25 x 1.510 x 0.25 = 7.912					
Total					89.184

Structure (9/12)					
Providing 11 ft (P.C. 1:2.5:5) as Leveling course — — — — —					212
Face wall — 3.112 x 2.212 x 6.45 x 1.40 x 0.15 = 8.134					
Below Pipe — 3 x 4.25 x 1.510 x 0.25 = 5.654					
Continuation Total					13.784

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Station (10/19)					
Plat existing concrete					
in Sub. Structures Complete					
as per drawing -					B/P
face wall					
3 P/as x 2 x 3.15 x 0.825 x 3.180 =					96.81
Pavement - 3 x 2 x 6.15 x 0.40 x 0.60 =					8.85
Deduct Particular					
				Total	105.66
3 x 2 x 0.78 x 1.23 x 0.60 =					44.34
				Net Qty	101.23
Station (11/20) Provision					
2 Laying R.C.C Pipe not 3					
Home Pipe -					B/P
3 P/as x 3.15 x 2.50 =					22.50
Station (12/22)					
Provision & laying of 9" standard					
Concrete Concrete Pipe 2.50					
Concrete -					B/P
2 P/as x 2.50 x 2.50 =					20.00
Station (13/23)					
Dismantling of existing					
Structure like Culvert,					
Bridges -					B/P

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Absence of work</u>					
<u>N/W - Construction of Road from</u> <u>Vigneshwara to Raghunathpur via</u> <u>M.H.Sy</u>					
<u>Agency - Sri Anil Roy</u>					
<u>Agreement NO - RWD/ESN.2/M.H.Sy</u> <u>- 06/2019-20</u>					
<u>Date of work order - 18/10/2019</u>					
<u>Date of entry:-</u>					
<u>Station (1)</u>					
<u>Providing & fixing of work up</u> <u>bench mark/Reference</u>					
<u>Pillar no - 1</u>					
<u>(1) Benchmark Pillar</u>					
<u>0.6 mls 1/5 N.B Page - 1</u>					
<u>0.9 1 N.O @ 10 4319 = 91 13 4320 = 0</u>					
<u>(1) Reference Pillar -</u>					
<u>0.9 3 N.O @ 1969 = 54 13 5909 = 0</u>					
<u>Station (2) clearing & grubbing</u> <u>Road Land including uprooting</u> <u>wild vegetation, grass, bushes</u> <u>etc -</u>					
<u>0.6 mls 1/5 N.B Page - 1</u>					
<u>0.9 0.64 Hect @ 49739 = 47 13 81833 = 0</u>					
<u>Continuation</u>					

13 42062 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item no (9)				Eft 13	42002.00
Construction of embankment					
with approved material.					
obtained from borrow area					
Rate ———				RPT	
Qty vide 15 MB Page - 3					
Qty 711.687 @ 132.56				13	94340.00
Item no (7)					
Construction of sub graded					
carriage shoulder with					
approved material ———				RPT	
Qty vide 15 MB Page - 3					
Qty 2464.207 @ 189.60				13	4,67,212.00
Item no (5)					
Construction of granular sub					
base by proportioned graded					
material ———				RPT	
Qty vide 15 MB Page - 3					
Qty 73532.5 @ 2600 = 57 B					19,13,251.00
Item no (6/11)					
Provision of 2.5% imp of hydraulic					
17.75 sq m in 17.75 sq m					
board with 400, as per					
17.0 RD specification					
Continuation					13 25,15,865.00

C.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Providing — — — — — E/P				BP2	515865=0
Qty vide 15 1/2 1/2 Page - 4					
Qty 3 nos @ 100000 = 0615					30178=0
Item (7/17) Providing — — — — —					
Letter to Agent of any shade					
with synthetic — — — — — E/P					
Qty vide 15 1/2 1/2 Page - 4					
Qty 100000 @ 0552				15	5200
Item (8/17)					
E/P — — — — —					
of structure up to 3000 ft					
on the 1st floor E/P					
Qty on 15 1/2 1/2 Page - 4					
Qty 89.134 @ 28571				15	25480=0
Item (9/18)					
Providing 11/5 (P.O. 1:2'5'1.5)					
on Leveling Course — — — — — E/P					
Qty vide 15 1/2 1/2 Page - 4					
Qty 13.784 @ 5605 = 25 1/2					77240=0
Item (10/19)					
Plain old concrete Column					
Concrete in Sub-structure					
Complete on 1st floor — — — — — E/P					
Qty vide 15 1/2 1/2 Page - 5					
Qty 101.234 @ 6569 = 16 1/2					664976=0

Continuation

Rs. 26,48,835=0

C. O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Survey (11/20)					B.F. 1826, 48, 835 = 0
Provision 2 Laying R.C.C. 1/2 B					
House Pipe 1/2 P.C.C. 4/10					
Materials					R.P.T.
Qty. 1/5 4/13 P.T.C. 5					
Qty. 22.50 m ² @ 4/13 = 75 B					92559 = 0
Survey (12/22)					
Provision 2 Laying of existing					
Conduit Concrete Imp 3/4					
Conduit House Pipe 3/4 1/2					
Qty.					R.P.T.
Qty. 1/5 4/13 P.T.C. 5					
Qty. 20.0 m ² @ B					971 = 53 B 99431 = 0
Survey (13/23)					
Disturbance of existing					
Structure like Culverts, bridges					
Retaining wall etc.					R.P.T.
Qty. 1/5 4/13 P.T.C. 6					
Qty. 1.61 m ² @ 4/13 = 67 B					764 = 0
Survey (14/24)					
Disturbance of existing					
Structure like Culverts					R.P.T.
Qty. 1/5 4/13 P.T.C. 6					
Qty. 61.0 m ² @ B					228 = 10 B 13932 = 0
Continuation					1834, 40, 517 = 0

C.V.

