

Athiabari (17509) To Athiabari south

Schedule XLV-Form No. 134

Agreement NO - 21/MMGSY(SC)/SBD/2020-21

R.W.D.W.D Kishanganj-2 DIVISION

Dighal Bank MMGSY (SC) SUB-DIVISION

MTB NO-1088

Measurement Book No 1088

Name of Agency - Dabeer anwer danish

प्रमाणित किया जाता है कि इस मापि पुस्त में कुल 100
(एक सौ) मुद्रित दोहरे पृष्ठ हैं। जो श्री जितेंद्र कुमार
सहायक अभियंता, ग्रांकांवि० कार्य अवर प्रमण्डल, दिवा नवैक
के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रांकांवि० कार्य अवर प्रमण्डल
दिवा नवैक-2
11/6/20

अह मापि पुस्त श्री सुनील डू रंजन,
इ० अ०, भर्ष ५२१७७, दीपलवैक-2
को पुनः निर्गत किया जाता है।

11/6/20
इ० अ०.

Sch. XLV - Form No. T34

RWD, (W) Div, KNE2 DIVISION

Dighal Bank SUB-DIVISION

Measurement Book

No. 1088

Name of officer Sri Jitenendra Kumar
Assistant Engineer.

Date of first entry _____

Date of last entry _____

Memo of payment
1st on A/c Bill.

Vr. No. 06 Date 29/09/20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① By S.D (9%) →	53033	=	0		
② By I/T (1%) →	Rs=5893	=	0		
③ By U.C (1%) →	Rs=5893	=	0		
④ By C-GST (1%) →	Rs=5893	=	0		
⑤ By S-GST (1%) →	Rs=5893	=	0		
⑥ S. fee →	Rs=22328	=	0		
⑦ Royalty →	Rs=52204	=	0		
⑧ By cheque	Rs=440534	=	0		
Gross Amount Rs=589254=0					
passed for Rs=589,254=0 (Rupees)					

Two thousand fifty four only


EXECUTIVE ENGINEER
RWD, WORKS DIVISION
KISANGANJ-2

2nd on A/c Bill:

1. Name of Work: — constn. of
road from Athiabari to Athiabari
South under MMGSY (SC) in
Digra Bank Block: —

② Agency: — Dabeer Anwar
Dangi

③ Agg. No. — 21/MMGSY (SC)/

Continuation

SB/2020-2021

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ D.O.C. — 11.06.2020					
⑤ Actual date of completion					
— In progress					
⑥ Record - Measurement: —					
Item: — ①					UP to date
constn. of ref. and working					
B.M. vide P. No. — ①					
					= 0.515 KM
Item: — ②					
constn. of ref. Pillars vide					
P.N. — 01 OF 118 MB					
					= 0.515 KM
③ constn. of Embk. obtained					
from borrow pits: — Unmeasured					
③ cleaning and grabbing					
of road land					
					$2 \times 5 \times 30 \times 3.0 \text{ m} = 900 \text{ m}^2$
					$5 \times 30 \times 3.0 \text{ m} = 450 \text{ m}^2$
450 m					1350 10,000
					= 0.135 H
Unmeasured					
10.10.2020					
J.E.					

Meas. Accepted
10/10/2020

Continuation

10/10/2020
 12/10/2020
 13/10/2020

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement contd.					
Date of measurement:					15.10.2020
Item: 4.					
constn. of Embank. obtained					
from Borrow Pit.					
SN CH	FA	MA	Dist.	Volume	
1 0	0.588	—	—	—	
2 50	1.235	0.912	50	45.60	
3 100	3.566	2.401	50	120.030	
4 150	1.235	2.401	50	120.030	
5 200	3.235	2.235	50	111.750	
6 250	2.435	2.435	50	132.250	

7 300	2.555	2.305	50	115.250	
8 350	4.255	3.405	50	170.250	
9 400	3.235	3.745	50	187.250	
10 450	4.151	3.693	50	184.650	
11 500	2.568	3.360	50	167.980	
12 515	1.477	2.023	15	30.340	
Total				1385.38 m ³	

Item: 5.
 constn. of Subg. and Earth.
 Shoulder.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2X	30X	7.8 _{av}	X	0.3	= 140.40
5X	30X	7.75	X	0.3	= 348.75
8X	30X	7.7 _{av}	X	0.3	= 554.40
450 m.					Qty. = 1043.55 m ³
Homomir					
15.10.2020					
JE					
Mens. Accepted					
15/10/2020					

Item: — ⑥

Congtn. of Embk. vide

TMB. P.No. — ⑧ OF this MB.

$$= 1385.38 \text{ m}^3$$

$$(-) \text{Subgrade} = \ominus 1043.55 \text{ m}^3$$

P. ⑩

$$\text{Net E/W Qty} = 341.83 \text{ m}^3$$

① 1000 m lead

$$= 341.83 \times 60\% = 205.098 \text{ m}^3$$

$$\text{Lt. Qty} = 198.340 \text{ m}^3$$

⑤ 100 m lead

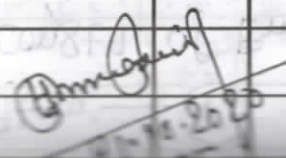
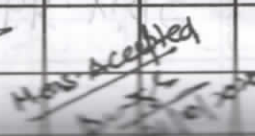
$$= 341.83 \text{ m}^3 \times 40\% = 136.732 \text{ m}^3$$

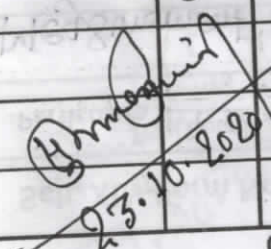
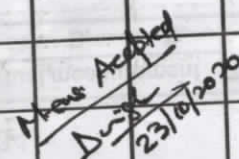
$$\text{Lt. Qty} = 132.220 \text{ m}^3$$

Continuation

~~Homomir~~
15.10.2020
JE

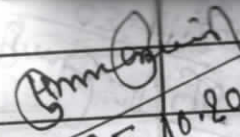
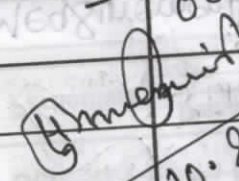
Mens. Accepted
15/10/2020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement contd —————					
Date of measurement — 21.10.2020					
Item: ————— 1.					
Constn. of Granular Subbase					
CC Portion CH 450 TO CH 515.					
	1X	15X	4.05X	0.10 = 6.075	
	2X	25X	4.05X	0.10 = 20.25	
	Qty = 26.32 m ³				
					
					

Measurement contd. ———					
Date of measurement: — 23.10.2020					
Item: — 1.					
Constn. of Granular Subbase					
In Flexible Portion					
CH 0 TO CH 90 m.					
1X	30X	4.05X	0.2	=	24.30
1X	20X	4.05X	0.2	=	16.20
2X	20X	4.05X	0.2	=	32.40
Qty = 72.90 m ³					
 					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement contd. ———					
Date of measurement	25.10.2020				
Item: ——— 1.					
Prov. Granular Subbase in Flexible Portion					
CH. 90 TO CH 175					
2X 15 x 4.05 x 0.2 =					24.30
1X 30 x 4.05 x 0.2 =					24.30
1X 25 x 4.05 x 0.2 =					20.25
85m.					Qty. = 68.85 m ³

  25.10.2020 JE. Meas. Accepted 25/10/2020 					
Measurement contd. ———					
Item: ——— 1.	Date of measurement				
	27.10.2020				
Prov. Granular Subbase in Flexible Portion.					
CH 175 TO 255 m.					
2X 30 x 4.05 x 0.200 =					48.60
1X 20 x 4.05 x 0.200 =					16.20
80m.					Qty. = 64.80 m ³
  27.10.2020 JE. Meas. Accepted 27/10/2020 					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement contd. - - -					
Date of measurement: 03.11.2020					
Item: 1.					
Prov. Granular Subbase					
In Flexible Pavement					
CH. 255 TO CH 350					
	2X	30X	4.05X	0.200	48.60
	1X	30X	4.05X	0.800	24.30
	1X	5X	4.05X	0.200	4.05
					Qty = 76.95 m ³

Measurement contd. - - -					
Date of measurement: 05.11.2020					
Item: 1.					
Providing Granular Subbase					
in Flexible pavement					
CH 350 TO CH 450					
	2X	30X	4.05X	0.200	48.60
	1X	30X	4.05X	0.200	24.30
	1X	10X	4.05X	0.200	8.10
					<u>Qty = 81.00 m³</u>

Continuation

JE.
 M. As. Accepted
 05/11/2020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement Contd. _____					
Date of measurement: 09.11.2020					
Item: 1.					
Providing WBM Gr. III 9m					
PCC pavement					
CH 320	1 X	15 X	3.75 X	0.075	4.219
TO ETC	2 X	25 X	3.75 X	0.075	14.063
65m.					Qty = 18.281 m³.
Date: 09.11.2020					
Signature					

Measurement Contd.					
Date of measurement: 11.11.2020					
Item: 1.					
Prov. WBM Gr. III 9m Flex.					
Pay. CH. 0 TO 90m.					
1 X 30 X 4.05 X 0.200 =					
	1 X	30 X	3.75 X	0.075	8.434
	1 X	20 X	3.75 X	0.075	5.625
	2 X	20 X	3.75 X	0.075	11.25
90m.					Qty = 25.312 m³
Date: 11.11.2020					
Signature					

Continuation

Mens. Accepted
A. S. S.
11/11/2020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement contd. ---					
Date of measurement: 15.11.2020					
Item: 1.					
Prov. WBM Gr III 9m Flexible					
Pavement CH 90 TO CH 175					
2X 15X 3.75X 0.075 = 8.438					
1X 30X 3.75X 0.075 = 8.438.					
1X 25X 3.75X 0.075 = 7.03.					
85m. QTY = 23.906m ³					

Measurement contd. ---					
Date of measurement: 18.11.2020					
Item: 1.					
Prov. WBM Gr III 9m Flex.					
Pavement CH 175 TO CH 255					
2X 30X 3.75X 0.075 = 16.875.					
1X 20X 3.75X 0.075 = 5.625.					
80m. QTY = 22.50m ³					
18.11.2020 JE					
Measurement contd. ---					
Date of measurement: 23.11.2020					

Continuation

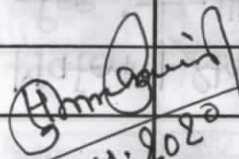
~~H/p Culvert: 300 mm Ø.~~

17

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement contd-----					
Date of measurement:—26.11.2020					
Item:—1.					
E/s in exca. in found?					
$2 \times 7.5 \times 0.7 \times 0.6 = 6.30 \text{ m}^3$					
Item:—2.					
Lay. first dgss bedding					
$2 \times 7.5 \times 0.3 \times 0.25 = 1.125 \text{ m}^3$					
Item:—3					

P/F N/P 300 mm Ø Pipe					
	2 No	2.5X	3		15.0 m
Item: ① P/F logo of					
MMGSY vide TMB. P.					
③					02 No
Item: 5.					
P/F Maint ⁿ . Board 01 No					
Vide P. No. ③					01 No


 26.11.2020
 J.E.

Continuation

Meas. Accepted
 Aug 26/11/2020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material Statement and Signoraje</u>					
fee : — UP today					
01. Earthwork =					330.96 m ³
@ R8. 34.81/m ³					= R8 11507.00
Signoraje fee @ 10%					= R8 1151.00
(02) E/W in subgrade =					1043.55 m ³
@ R8 34.81/m ³					= R8 36336.00
S. Fee @ 10 %					= R8 3633.60
					= R8 3633.00
(03) GSB. Gr. I =					330.83 m ³
(i) Stone 19.53 mm to 9.5 mm					
@ 50%					
					= 250.131 m ³
@ 458.22/m ³					= R8 114615.00
(ii). 9.5 mm to 2.36 mm @ 20%					
					= 100.52 m ³
@ 509.67/m ³					= R8 50994.00
(iii). Bel. 2.36 mm @ 30%					
					= 150.08 m ³
@ R8 187.89/m ³					= R8 28185.00
Total =					R8 193794.00
					Continuation
S. Fee. @ 10%					= R8 19379.40

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(04) WBM Gr③ = 144.844 m ³					
(i). Stone Meta 53mm to 22.4mm					
@ 0.91 m ³ /10m ² for					
Compacted thickness of 75mm					
= 144.844 / 0.075					
= 1931.25 m ² x 0.91					
= 175.744 m ³					
@ R8 458.22/m ³ = R8 80529.30					
(ii) Stone Screening @ 0.22					

Per 10 m ²					
= 1931.25 x 0.18 / 10					
= 34.763 m ³ .					
@ R8.345.52/m ³ = R8 12011.00					
Total = R8 92540.30					
S. Fee 10%.					R8 18500
					R8 9254
(5) 300 mm Ø H.P. = 15m.					
Local Sand for bedding = 1.125 m ³					
@ 150.80/m ³ = R8 170.00					
S Fee @ 10%					R8 17.00
Total Grand S. fee = R8 33434.00					

Continuation

Hrm
 28.11.2020
 JE.
 More Assesed
 28/11/2020

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COSTS:-</u>					
(1) constn. of BM vide					
Qty. vide TMB. P. - (8) = 0.515 km					
@ Rs. 3391.76/km.					= Rs 1747.00
(2) constn. of ref. Pillars vide					
Qty. TMB. P. - (8) = 0.515 km					
@ Rs 1579.28/km					= Rs 813.00
(3). Cleaning, grubbing of road					
and vide Qty. TMB. P. - (8)					
					= Rs 6300
(4). constn. of Embk - 1000 m					
lead vide Qty. TMB. P. - (10) =					
198.340 m ³ @ Rs 174.63/m ³					
					= Rs 34636
(5). constn. of Embk - 100 m					
lead vide Qty. TMB. P. - (10)					
= 132.220 m ³ @ Rs 151.00/m ³					
					= Rs 19965.
(6). constn. of subgr. and					
Earth shoulder vide Qty.					
TMB. P. - (10) = 1043.55 m ³ .					
@ Rs. 187.61/m ³					= Rs 197553.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) constn. OF Granular					
Subbase vide Aty. TMB.					
P. - (11) =	26.33 m ³				
	72.90 m ³				
P. - (12) =	68.85 m ³				
	64.80 m ³				
P. - (13) =	76.95 m ³				
	81.00 m ³				
Net Aty. =	390.83 m ³				
@ RS 2568.51 / m ³					RS 1003851

(8) Prov. WBM Gr (3) vide					
Aty. TMB. P. - (14) =	18.281 m ³				
	= 25.313 m ³				
P. - (15) =	23.906 m ³				
	= 22.50 m ³				
P. - (16) =	26.719 m ³				
	= 28.125 m ³				
Net Aty. =	144.844 m ³				
@ RS 4187.80 / m ³					RS 606578.

(9) E/w in excavation vide					
Aty. TMB. P. - (17) =	6.30 m ³				
@ RS 294.73 / m ³					RS 1857

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) 18E C1988 bedding vide Qty. TMB.P. - (17) = 1.125 m ² . @ RS. 326.98/m ² = RS 3679					
(11) P/F NP3 300 mm Ø HP. vide Qty. TMB.P. - (17) = 15.0 m @ RS 1315.81/m = RS 19737.					
(12) P/F 1080 OF MMGSF vide Qty. TMB.P. - (17) = 02 NOS. @ RS 10742.39 Each = RS 21485					
(13) P/F main 9. Board vide Qty. TMB.P. - (17) = 01 NO. @ RS 10742.39 Each = 10742.					
To. a/c = RS 1929545.00					
(+) 1% L. ce88 = RS 19295.00					
(+) GST 12% = RS 231545.00					
(+) S. Fee = 33434.00					
= RS 2211384.00					
Less 0.11% P. 0.99 = RS 2435.00					
RS 2211384.00					
(-) Prev. Bill = RS 589254.00					
Actual Bill = RS 1622130.00					

Continuation

28.11.20
JE
Meas. Accepted
28/11/2020