

N/Scheme: — Construction & S/S Maintenance of Akarna
Path to Jagadpur Path In Purnim Block under
Nabard.

Measurement Book

Schedule XLV-Form No. 134

Agno: — 12/SBD/2019-20.

DIVISION

Measurement: — M/S Dhameshwar Nath construction.

Area covered: — 2.187

SUB-DIVISION

1132

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Mon of Payment					11300037
(1) 5% 8% →					904003
(2) 2% 2% →					226001
(3) 1/1000 1% →					113000
(4) S-1000 1% →					113000
(5) C-1000 1% →					113000
(6) Rectify →					260495
(7) Rectify m →					454487
(8) S. 100 →					209640
(9) Time Exp 10% →					1130004
(10) By 1000/c 1000 →					7776407
					Rs - 11300037
19552 For Rs -					
one crore thirty seven lakh.					
Thirty seven only					
09-6-202 09.06.21					
Ref No. 202106/1039703 At - 11/06/2021					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Work done only					
(26) E/W in excavation for foundation					
H.P. Culvert - (kerof)					
② Double vent-HP (Near Akamavillage)					
H.Wall	2x	12.60x	1.40x	1.50	= 52.92 m ³
below pipe	1x	4.85x	3.06x	0.365	= 5.42 "
⑤ 1000 φ. - Single vent (Near Yogapin village)					
H.W.	2x	6.45x	1.40x	1.50	= 27.09
below pipe	1x	4.85x	1.53x	0.365	= 2.71
(d) Rcc. culvert 1x 2m x 2m, near Yogapin village					
ABT	2x	9.30x	2.45x	1.60	= 72.91
R/W	4x	1.80x	2.20x	1.60	= 25.34
floor	1x	7.70x	0.40x	0.25	= 0.77
					= 187.16 m ³
(27+32) P/W pcc M-15 1m open foundation					
② 1000 φ Double vent					
	2x	12.60x	1.40x	0.15	= 5.29 m ³
	1x	4.931x	3.06x	0.25	= 3.77 "
less for pipe	2x	0.25x	7/4x	(1.23) ²	= 5.496 (-) 3.27
					Net = 5.79 m ³
⑤ 1000 φ single vent					
	2x	6.45x	1.40x	0.15	= 2.71 m ³
	1x	4.931x	1.53x	0.25	= 1.89 "
less for pipe	1x	0.25x	7/4x	(1.23) ²	= 5.496 (-) 1.63
					Net = 2.97 m ³

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/30) P/V & Lay out 1500 mm φ. Rec Pipe. NB3 - 20					
		2 x 2 Nos x 2.50			15.50 M
		1 x 3 Nos x 2.50			7.50 M
					= 22.50 M
(5/33) P/V Rec M-20 in φ. 100 mm do do - 20 ft					
		2 x 2 m x 2 m			
ABH -		2 x 5.90 + 7.70	2.10 + 1.50		
				x 1.40	41.83 m ³
R/W -		2 x 1.60 x 1.897 + 1.297			
				x 1.40	14.31 m ³
					= 56.14 m ³
(5/34) P/V Rec M-20 in Sub. Str do do - 20 ft					
ABH -		2 x 7.50 x 1.30 + 0.70	1.80		27.00 m ³
R/W -		4 x 1.90 x 0.749	2.09		11.90 m ³
					= 38.90 m ³
(5/35) P/V Rec M-20 in Sub. Str do do - 20 ft					
		2 x 7.50 x 0.70 x 0.20			2.10 m ³
Dist -		2 x 7.50 x 0.40 x 0.240			1.44 m
R/W -		4 x 2.20 x 0.40 x 0.15			0.53 m
					= 4.07 m ³
(5/36) P/V B. L. 100 mm φ. 100 mm do do - 20 ft					
		2 x 7.50 x 0.30			4.52 m ²
		2 x 7.50 x 0.24			3.60 m
					= 8.10 m ²

Continuation

Continuation

240. A/C Poll

32

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Construction & years Maintenance of Akane to yogapur path in Punpun Block under NABARD.					
Ag. No: — 12/SB/D/2019-20					
N/Contractor: — M/s Dhanushwar Noh Construction					
Start date: — 26/10/2019					
Time of previous grant: — up to 31/3/2022					
Date of entry: — 10/9/2021					
Work done					
(K) Construction of Subgrade					
a. Earthwork					
to					
Update Mean					
CH. — 272.11 (From/Station)					
1x $(40 \times 25.00 + 20.00) \times 7.98 \times 0.30 = 446.38$ (AV)					
1x $32.00 \times 0.00 \times 0.00 = 0.00$					
1x $(57 \times 25.00 + 10.00) \times 5.50 \times 0.30 = 236.75$ (AV)					
1x $(37 \times 25.00 + 20.00) \times 6.50 \times 0.30 = 342.75$ (AV)					
1x $4 \times 25.00 \times 6.50 \times 0.00 = 0.00$					
1x $1.00 \times 25.00 \times 6.50 \times 0.00 = 0.00$					
1x $(37 \times 25.00 + 20.00) \times 6.00 \times 0.30 = 381.00$ (AV)					
1x $(40 \times 25.00 + 5.00) \times 7.98 \times 0.30 = 405.97$ (AV)					
P.T.O					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/2) Construction of Sub grade - or Updata Mearth					
	980	25.82			(Toward yogan)
1x (30x25.00+7.00)x5.50x0.30					1249.05m ³ (Av)
1x 37x25.00x6.50x0.30					1803.75 (Av)
1x 120.00x0.50x0.00					0.00
1x 20x25.00x6.50x0.30					975.00 (Av)
1x 42x25.00x7.98x0.30					2513.70 (Av)
					= 6541.50m ³
Less friends Qty note (5)					
9th note (5)					- (-) 5403.75
					Balance Qty = 1137.75m ³
(2/3) Construction of G.L.B. G.I					
or - - - - -					
B.T. Point (Updata Mearth)					
1x 15.00x7.00+4.05x0.20					16.58m ³
1x (8x30.00+5.00)x4.05x0.20					198.45
1x 10.00x4.05+5.00x0.20					9.05
1x 32.00 M Bx C D - -					0.00
1x 10.00x5.00+4.05x0.20					9.05
1x 47x30.00x4.05x0.20					1142.10
1x 15.00x4.05+5.00x0.20					14.33
T/Right AI - T. Point					15.08
					1404.64m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1x30x	30.00	4.05	0.20	729.00
	1x10x	10.00	4.05	0.20	8.10
	1x4x	30.00	0.00	0.00	0.00
Back to Hollow					
Front Part	1x15.00	15.00	4.05	0.20	14.33
	1x(50x30.00+25.00)	25.00	4.05	0.20	1235.25
	1x10.00	10.00	4.05	0.20	11.55
Extra width of AC Curve -					
	2x12x	15.00	0.75	0.20	54.00
			(AV)		= 3456.87m ²
					(B)
C.C. Part					
In width					
	2x20x	25.00	0.375	0.10	37.50
In width	1x25x	25.00	3.75	0.10	234.38
In Profile Correction					
	4x10.00	10.00	0.85	0.10	3.40
	5x5.00	5.00	1.85	0.10	4.63
			(AV)		
	2x15.00	15.00	1.00	0.10	3.00
			(AV)		
	5x4.00	4.00	1.25	0.10	2.50
			(AV)		
	4x5.00	5.00	1.50	0.10	3.00
			(AV)		
					288.41m ²
					(B)
Total (A+B)					= 3745.28m ²
Less Provision for P/B, etc.					(-) 506.25m ²
"					(-) 1603.80
					Balanced = 1635.23m ²
					C=0

Sch. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
2/17 1/2 Lay - P spread P					
Campbell - P - W.B.M. 90.3					
pho — do — W.B.M.					
B.T. Post					
278 m					
$1 \times 15.00 \times 6.75 + 3.75 \times 0.075 = 5.91 m^3$					
$(8 \times 30.00 + 5.00) \times 3.75 \times 0.075 = 68.91$					
$1 \times 10.00 \times 3.75 + 5.00 \times 0.075 = 3.28$					
$1 \times 32.00 \times 0.00 \times 0.00 = 0.00$					
$1 \times 10.00 \times 3.75 + 5.00 \times 0.075 = 3.28$					
$17 \times 30.00 \times 3.75 \times 0.075 = 396.56$					
$1 \times 15.00 \times 3.75 + 5.25 \times 0.075 = 5.06$					
$1 \times 15.00 \times 5.75 + 3.75 \times 0.075 = 5.34$					
$(30 \times 30.00 + 10.00) \times 3.75 \times 0.075 = 255.94$					
$1 \times 30.00 \times 0.00 \times 0.00 = 0.00$					
Post to Chatham (10-1550 m)					
$1 \times 15.00 \times 5.25 + 3.75 \times 0.075 = 5.06$					
$(16 \times 30.00 + 5.00) \times 3.75 \times 0.075 = 136.41$					
$11 \times 30.00 \times 3.75 \times 0.075 = 92.81$					
$3 \times 30.00 \times 0.00 \times 0.00 = 0.00$					
$(22 \times 30.00 + 10.00) \times 3.75 \times 0.075 = 272.81$					
$1 \times 10.00 \times 3.75 + 7.30 \times 0.075 = 4.14$					
$(20 \times 30.00 + 20.00) \times 3.75 \times 0.075 = 174.38$					
$1 \times 10.00 \times 3.75 + 7.30 \times 0.075 = 4.14$					
Extr broken up at Curve -					
$2 \times 12 \times 15.00 \times 0.075 \times 0.075 = 17.55 m^3$					
(A)					
1174.63 m ³					
C.C. Band					
$20 \times 30.00 \times 3.75 \times 0.075 = 168.75$					
(B)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total Al; (A+B) = 1174.63 + 168.45 = 1343.08 m ²					
low brown Al; 9/6, 9/9 : (-) 278.43					
Balland Al; = 1064.95 m ²					
(4/4) Cont. of As grade & shoulder					
Shoulder					
2 x 9 x 30.00 x 1.49 x 0.20 = 160.92					
2 x 9 x 30.00 x 1.30 x 0.20 = 52.65					
2 x 14 x 30.00 x 1.00 x 0.20 = 168.00					
2 x 14 x 30.00 x 1.00 x 0.075 = 83.40					
2 x 21 x 30.00 x 1.49 x 0.20 = 375.48					
2 x 21 x 30.00 x 1.30 x 0.20 = 122.85					
					Al; = 942.90 m ²
(5/5) Lay-p Cable ^{duct} Across the road					
6 x 7.50 m = 45.00 m ²					
(6/6) Give H.P. Log of Project					
Total = 2 Nos					
10/9/2021					
11/09/21					
11/9					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1) setting out of Cont- ours of Reference Rills & work-up B.M. etc					
Qty volo-P-20, Sh. 1					
= 5.425 KM					
@ 13006:05/KM					₹ 70,558.40
(2) Clearing & grubbing Road land - do -					
Qty volo. P-20, Sh. 2					
= 2.17 Hect					
@ 49809:13/Hect					₹ 1,08,026.00
(3) Dismantling of Existing A/c - do -					
Qty P-20, Sh. NO. 3					
= 169.88 m ³					
@ 479:16/m ³					₹ 81,400.00
(4) Constn of Embank- do - do level - 1000 M					
Qty volo. P-21, Sh. No. 4(a)					
= 821.41 m ³					
@ 194:95/m ³					₹ 160,192.00
(5) Constn of Embank with kerb - 100 M - do -					
Qty volo. P-21, Sh. 4(b)					
= 1668.32 m ³					
@ 151:50/m ³					₹ 252,750.00
					672,986.40

Continuation

1,82,48,939 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
C.F.		1.5025			
(12/26) C/m in excavated m. for 2 nd for str					
= 382.77 m ³ (P/22, Q/L 3)					
= 187.16 m ³ (P/28, Q/L 1/26)					
= 569.93 m ³					
② 280.71/m ³					162.835
(12/24+28+32) P/L per m = 15 (1:2.5:1) m of c Q/L 10					
= 107.31 m ³ (P/22, Q/L 10)					
= 21.82 m ³ (P/29, Q/L 2/24+32)					
= 71.81 m ³ (P/29, Q/L 2/28)					
= 220.949 m ³					
② 5756 = 31/m ³					1315.209
(14/30) P/L & 607 m & c P/L H/L = 1000 mm d. 10					
= 15.00 m (P/17, Q/L 4)					
= 22.50 m (P/30, Q/L 5/30)					
= 37.50 m ³					
② 3636 = 18/m					136.357
(15/31) Sand fill m ³ Q/L 2					
= 2.508 m ³ (P/27, Q/L H-9)					
= 1.25 m ³ (P/29, Q/L 3/31)					
= 3.758 m ³					
② 586 = 13/m					2203 = 10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/33) P/V PCC M-20 1m ² of 20					
do do do up to					
= 195.974 M ³ (P/23, 9/11)					
= 56.14 M ³ (P/30, 9/1/93)					
= 952.114 M ³					
① 6698 = 90/M ³					₹ 16,88,886/-
(17/34+35) P/V RCC/PCC M-20					
1m ² Sub. 8/5 do →					
Complete 102					
= 155.53 M ³ (P/23, 9/12)					
= 38.90 M ³ (P/30, 9/7/34)					
= 4.07 M ³ (P/30, 9/8/35)					
= 198.50 M ³					
① 6768 = 69/M ³					₹ 13,43,466/-
(18/36) P/V B.tuner Rainy					
do do do up to					
= 45.90 M ² (P/23, 9/13)					
= 8.10 M ² (P/30, 9/1/36)					
= 54.00 M ²					
① 19244 M ²					₹ 10,50,000/-
(19/37) P/V RCC M-25 1m ² Deck					
8/23 do do up to					
drawn P do					
= 33.552 M ³ (P/24, 9/14)					
= 4.61 M ³ (P/31, 9/7/37)					
= 38.162 M ³					
Limit to 38.16 M ³					
① 8028 = 96/M ³					₹ 3,96,385/-

Continuation

2,32,05,830/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20/39) Supply of 8 ft 14" P 8 place P HYSD bar dimension 7' — 1' — 1'					
= 2.589 MT (P/25, 94/18)					
= 0.596 MT (P/27, 94/39)					
= 3.185 MT					
Limit to 2.58 MT					
Q 74740 = 09/MT — ₹ 1,92829=					
(21/40) P.V. & Full joints Sealing — 1' — 1'					
= 30.00 MT (P/24, 94/15)					
= 15.00 MT (P/31, 94/40)					
= 45.00 MT					
Q 40 = 386/MT — ₹ 1817=					
(22/41) P.V. P.C. M. 20 1" border do — do — in or					
= 7.68 MT (P/24, 94/16)					
= 9.60 MT (P/31, 94/41)					
= 17.28 MT					
Q 7793.96/MT — ₹ 1,34680=					
(23/42) P.V. Weep holes do — do — cut					
= 80 Nos (P/24, 94/17)					
= 40 Nos (P/31, 94/42)					
= 120 Nos					
Q 132.76 each — ₹ 15,871=					

₹ 2,35,51,027=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF ₹ 2,35,51,027/-
less 10% Asper below					₹ 23,55,103/-
					₹ 2,11,95,924/-
less Remains Payment					₹ 1,13,00,374/-
Payable					₹ 98,95,550/-
10/9/2021 10/9/2021 13/9 11/09/21 11/09/21					
<u>Overall Material Statement</u>					
(I) C/W in concrete & sub-grade					= 9974.43m ³
(II) Stone Melar Aggregate (Gr3 + Gr3)					= 4985.00m ³
(III) Stone screening (Gr3)					= 322.41m ³
(IV) Stone chips (rec/Rec waste)					= 654.00m ³
(V) Coarse Sand (Gr3 + rec/Rec)					= 1761.34m ³
10/9/2021 10/9/2021 11/09/21 11/09/21					