

M/R-N/23-24

Four Lane NH30 to Mohinpur

~~Patna~~

Dhaneshwar Nath

Schedule XLV-Form No. 134

E.E. R.W.D. WORKS -

DIVISION
Patna

Fateha

SUB-DIVISION

Measurement Book

7620

Sch. XLV Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
Item ① (cont'd) (cleaning of masonry)				PF = 6360.00 m ²
2 x 1 x 17.00 ft x 2.00 =				40.00 "
				6400.00 m ²
∴ Net = 6400.00 m ² / 14000 = 0.64 Met.				

Item ② Construction of embankment with 1:1 slope				
masonry for masonry				
6000 ft ² - etc.				
2 x 10 x 30.00 x 1.125 (avg) x 0.60 (avg) = 405.00 m ³				
2 x 10 x 30.00 x 1.125 (avg) x 0.60 (avg) = 405.00 "				
2 x 5 x 30.00 x 1.125 (avg) x 0.60 (avg) = 202.50 "				
				1012.50 m ³
Item ③ Construction of 4m h				
grade road for 4m				
1:1 slope - etc - etc				
2 x 10 x 30.00 x 0.75 (avg) x 0.300 = 135.00 m ³				
2 x 10 x 30.00 x 0.75 (avg) x 0.300 = 135.00 "				
2 x 10 x 30.00 x 0.75 (avg) x 0.300 = 108.00 "				
2 x 10 x 30.00 x 0.75 (avg) x 0.300 = 4.50 "				
2 x 1 x 10.00 x 0.75 (avg) x 0.300 = 202.50 "				
2 x 10 x 30.00 x 1.125 (avg) x 0.300 = 202.50 "				
2 x 10 x 30.00 x 1.125 (avg) x 0.300 = 101.25 "				
2 x 5 x 30.00 x 1.125 (avg) x 0.300 = 888.75 m ³				

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Plot (5) Contd (G.S.B)

1 x 5.00 x 2.10 x 0.15 =	1.58 m ³
1 x 4.00 x 2.30 x 0.15 =	1.38 m ³
1 x 3.00 x 2.20 x 0.15 =	0.99 m ³
1 x 5.00 x 2.40 x 0.15 =	1.65 m ³
1 x 3.00 x 1.50 x 0.15 =	0.68 m ³
1 x 4.00 x 1.40 x 0.15 =	0.84 m ³
1 x 6.00 x 1.10 x 0.15 =	0.99 m ³
1 x 7.00 x 1.20 x 0.15 =	1.26 m ³
1 x 5.00 x 1.60 x 0.15 =	1.20 m ³
1 x 9.00 x 1.70 x 0.15 =	2.30 m ³
1 x 2.00 x 1.50 x 0.15 =	0.45 m ³
1 x 2.00 x 1.80 x 0.15 =	0.81 m ³
1 x 6.00 x 1.20 x 0.15 =	1.08 m ³

1 x 2.00 x 2.10 x 0.15 =	2.52 m ³
1 x 7.00 x 2.30 x 0.15 =	2.42 m ³
1 x 4.00 x 2.90 x 0.15 =	1.32 m ³
1 x 2.00 x 2.00 x 0.15 =	0.90 m ³
1 x 6.00 x 2.30 x 0.15 =	2.07 m ³
1 x 6.00 x 2.30 x 0.15 =	2.07 m ³
1 x 5.00 x 1.90 x 0.15 =	1.89 m ³
1 x 7.00 x 1.80 x 0.15 =	2.07 m ³
1 x 6.00 x 2.30 x 0.15 =	2.07 m ³
1 x 4.00 x 1.90 x 0.15 =	1.14 m ³
1 x 4.00 x 2.20 x 0.15 =	1.32 m ³
2 x 10 x 30.00 x 0.375 x 0.10 =	22.50 m ³
2 x 2 x 30.00 x 0.375 x 0.10 =	4.50 m ³
2 x 1 x 10.00 x 0.375 x 0.10 =	1.125 m ³
2 x 10 x 30.00 x 0.375 x 0.10 =	22.50 m ³
1 x 2 x 30.00 x 3.75 x 0.10 =	22.50 m ³
1 x 1 x 10.00 x 3.75 x 0.10 =	3.75 m ³

Continuation 218.23 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (20) Painting road letter & figures - etc - etc 2 x 704 =					1408.00 sq ft.
Item (21) Planting of trees by the road side and their maintenance for one year - etc - etc Qty = 34.00 nos.					
Item (22) Prov. Slabbing of hot applied thermoplastic compound - etc.					
Edge for 13T	2 x 10	30.00	0.100		60.00 m ²
Partition	2 x 10	30.00	0.100		60.00 "
	2 x 5	30.00	0.100		30.00 "
					150.00 m ²
Edge for	2 x 10	30.00	0.100		60.00 m ²
Partition	2 x 10	30.00	0.100		60.00 "
	2 x 8	30.00	0.100		48.00 "
	2 x 1	10.00	0.100		2.00 "
					170.00 m ²

Continuation

PTO

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
9cm dia. 2 nos. total (2 x 2.6 m)			2.6 = 2.6	17.62 kg
15cm dia. 2 x 0.884 x 1.5 m				2.87 kg
Abutment slab				
12mm dia. 2 x 3 x 2 x 7.50 x 0.888				79.92 m
10mm dia. 2 x 40 x 1.560 x 0.617				77.00 m
8mm dia. 2 x 3 x 2 x 7.50 x 0.888				79.92 m
17mm dia. 2 x 50 x 1.267 x 0.617				77.74 m
R wall coping				
8mm dia. 2 x 2 x 4 x 2.20 x 0.895				13.94 m
				1174.01 kg
			Limited to	1.16 m ³
9cm dia. 2 nos. Proc. P.C.C. 0.20 m				
Sub structure etc				
Abut. cap 2 x 7.50 x 0.700 x 0.200				2.10 m
D. of wall 2 x 7.50 x 0.400 x 0.300				1.80 m
Return wall 4 x 2.20 x 0.40 x 0.150				2.53 m
				4.43 m ³
9cm dia. 2 nos. 8 laying R.C.C.				
Deck slabs 0.25 m				
Super structure etc				
1 x 7.50 x 0.560 x 0.300				2.01 m

Continuation

P.T.D

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (26) Prov. P.C.C. m - 1010 Sub-structure - do - etc.					
Propet. 2 x 4.50 x 0.400 x 0.600 =					2.16 m ³
Item (27) Painting two coats in - - cleaning primer coat - after filling the surface with synthetic enamel paint - do - etc.					
Propet					
Sides - 4 x 4.50 x 0.600 =					10.80 m ²
Top - 2 x 4.50 x 0.400 =					3.60 "

Sides - 4 x 0.400 x 0.600 =	0.96 "
	15.36 m ²

Item (28) Prov. bitumen painting over top surface of Abut. - tment cap & on over - - tical surface of dit wall - do - etc.					
Abut. Cap 2 x 7.50 x 0.700 =					10.5 m ²
Airt wall 2 x 7.50 x 0.300 =					4.5 "
					15.00 m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(xiii) Agg - 40 mm	-	-	-	50.42 m ³
(xiv) Agg - 20 mm	-	-	-	146.455 m ³
(xv) Agg - 10 mm	-	-	-	89.363 m ³
(xvi) Fine Sand	-	-	-	2.42 m ³
(xvii) Emulsion (SS 1)	-	-	-	1.748 MT
(xviii) Emulsion (RS 1)	-	-	-	1.367 MT
(xix) Bitumen (S-90)	-	-	-	3.97 MT
(xx) Bitumen (S-65)	-	-	-	8.248 MT

Date: 18/05/24
 J.E.
 Signature: *[Signature]*
 18.05.24
[Signature]

Seigniorage	-	-	-	1070
(1) Earth	1921.25 m ³	-	-	-
10% of 1921.25 = 192.125	-	-	-	1729.125
(2) G.S.M. I	218.23 m ³	-	-	-
10% of 218.23 = 21.823	-	-	-	196.407
(3) W.B.M. II	271.857 m ³	-	-	-
10% of 271.857 = 27.1857	-	-	-	244.671
(4) M.S.S	2103.76 m ³	-	-	-
10% of 2103.76 = 210.376	-	-	-	1893.384
(5) S.D.C	71.79 m ³	-	-	-
10% of 71.79 = 7.179	-	-	-	64.611
(6) S.L.C	18.00 m ³	-	-	-
10% of 18.00 = 1.80	-	-	-	16.20
(7) S.L.C	915.77 m ³	-	-	-
10% of 915.77 = 91.577	-	-	-	824.193

Continuation