

N/scheme) - Bari Bigaha to Bari Bigaha Patnai road

M/cont) - Manish Kumar

Ag No: - 01/SBD/2020-21

Measurement Book

Schedule XLV-Form No. 134

NDB - BRP - 36 - Measurement

MMHSY (NDB Bricks)

DIVISION

शेड - 31/10 - 21/12-31

SUB-DIVISION

1150

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.	
	1st	on	At	big 1	
Name of work:—	Baridigha to Baridigha				
	Dattma road				
Agg No:—	01-SBD/2020-21				
Name of Contractor—	Manish Kumar				
NDB - BSRP-36 -	Mazaurhi (NDB, BSRP)				
Accepted rate -	10 Rs below				
① Setting out of all comp					
		11.4 km			
② Clearing & grubbing road land					
	24540 m ²	3.50			3780 m ²
		is	0.3781 m ²		
③ Construction of embankment					
4					
(m)	Area	mean	length		Vol/4m
	mt	mt	(m)		m ³
0	10.50				
5	12.30	11.40	50		570 m ³
100	5.80	9.05	50		452.50
					1022.50
					m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1022.50 m ³
100	6.26	6.03	50	2	301.50
150	7.24	6.75	50	2	337.50
200	7.12	7.18	50	2	359.00
250	6.26	6.69	50	2	334.50
300	10.54	8.39	50	2	419.50
350	12.66	11.60	50	2	580.00
400	11.22	11.94	50	2	597.00
450	10.78	11.00	50	2	550.00
500	3.46	7.12	50	2	356.00
540	2.42	3.44	50	2	137.60
					4995.10 m ³

(a) 100 to 1500 m level
 2. 30.1% of 4995.10
 = 1498.53 m³

(b) Up to 1200 m level
 70% of 4995.10
 = 3496.57 m³

(c) constant subgrade
 10 30.00 7.40 0.30 2 666.00 m³
 8 30.00 7.40 0.30 2 532.80
 12 1198.80 m³

3) Pl Local sand filling
 $18 \times 30 \text{ m} \times 6 \text{ m} \times 0.100 = 324.00 \text{ m}^3$

3

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Contn of work					
	10	30.00	4.05	0.20	243.00 m ³
	8	30.00	4.05	0.20	194.40 m ³
Curve Extra - 3 x 15.00 x 0.60 (lay)					5.40 m ³
Junction - 1 x 15.00 x ((7.50 + 4.05) - 4.05)					
				40.20	5.18 m ³
					447.98 m ³
	12				447.98 m ³
⑤ Pl & laying of ready & compacting of sub base					
	10	30.00	3.75	0.075	84.38 m ³
	8	30.00	3.75	0.075	67.50 m ³
Curve Extra - 3 x 15.00 x 0.60 (lay)					
				0.075	2.02 m ³
Junction - 1 x 15.00 x ((7.50 + 3.75) - 3.75)					
				3.75	2.11 m ³
					156.01 m ³
	12				156.01 m ³
⑥ Pl & applying primer coat					
	10	30.00	3.75	2	1125.00 m ²
	8	30.00	3.75	2	900.00 m ²
Curve Extra - 3 x 15.00 x ((7.50 + 3.75) - 3.75)					
				3.75	28.13 m ²
Curve Extra 3 x 15.00 x 0.60 (lay)					27.00 m ²

Continuation

2080.13 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Plv & applying tank coat					
By vide TMBP/3 item ⑦					
2080.13 m ²					
⑧ Plv, laying & rolling of 20mm thick m.s.s					
By vide TMBP/3 item ⑧					
2080.13 m ²					
⑨ Plv & laying of concrete					
By vide TMBP/3 item ⑨					
2080.13 m ²					
⑩ Plv & laying of 250mm concrete					
By vide TMBP/3 item ⑩					
2080.13 m ²					
⑪ Plv & laying of 150mm concrete					
By vide TMBP/3 item ⑪					
2080.13 m ²					
⑫ Plv & laying of 100mm concrete					
By vide TMBP/3 item ⑫					
2080.13 m ²					
⑬ Plv & laying of 50mm concrete					
By vide TMBP/3 item ⑬					
2080.13 m ²					
⑭ Plv & laying of 25mm concrete					
By vide TMBP/3 item ⑭					
2080.13 m ²					
⑮ Plv & laying of 12.5mm concrete					
By vide TMBP/3 item ⑮					
2080.13 m ²					
⑯ Plv & laying of 6.25mm concrete					
By vide TMBP/3 item ⑯					
2080.13 m ²					
⑰ Plv & laying of 3.125mm concrete					
By vide TMBP/3 item ⑰					
2080.13 m ²					
⑱ Plv & laying of 1.5625mm concrete					
By vide TMBP/3 item ⑱					
2080.13 m ²					
⑲ 600mm equilateral triangle					
By vide TMBP/3 item ⑲					
10 Nos					

ic 108.0 m

⑤ cont of eastern
240 m

2 x 16 x 30 m x 1.20 x 0.275 = 316.80

2 x 2 x 30 m x 0.60 x 0.275 = 19.80

336.60

ic 336.60 m?

~~Day~~
15/01/24
AE/SC

~~John~~
15/01/24
AE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① costs of bench mark & reference pillars					
Qty viz T.M.B P/1 item ①					
1.14 km @ 13129.60 / km					14968 m
② clearing & grubbing road land					
Qty viz T.M.B P/1 item ②					
0.3781 ha @ 4877270 / Ha					18436 m
③ Cost of embankment up to 100 to 100 cm lead					
Qty viz T.M.B P/2 item ② ③					
1498.53 m @ 16210 m					242912 m
④ Cost of embankment up to 100 cm lead					
Qty viz T.M.B P/2 item ② ④					
3496.57 m @ 11885 m					415567 m
⑤ Cost of sub grade / shoulder					
Qty viz T.M.B P/2 item ⑤					
1111 m @ 1198.80					
1111 m @ 336.60					
153540 m					
@ 16210 m					248888 m
					7940771 m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					₹ 940771.2
⑥ Long of 153.4m of 1/2 TMB P/3 item ④					
447.98 m	②	224.95	1.3		942253.2
⑦ Plv laying spread Compacting 10-0.34 m					
of 1/2 TMB P/3 item ⑤					
156.01 m	②	316.13	1.3		493168.2
⑧ Plv & filling for of 1/2 TMB P/3 item ⑥					
2080.13 m	②	18.88	1.3		101677.2
⑨ Plv & filling for of 1/2 TMB P/4 item ⑦					
2080.13 m	②	16.52	1.3		34364.2
⑩ Plv laying and rolling for 20 mm thick M.S					
of 1/2 TMB P/4 item ⑧					
2080.13 m	②	154.73	1.3		321983.2
					34364.2
⑪ Plv King stone of 1/2 TMB P/4 item ⑨					
of No ②	②	2369.87	1.3		4740.2

₹ 2888956.2

Particulars	Details of actual measurement				Contents of area Bx
	No.	L.	B.	D.	
					₹ 28889562
(12) P.V. & bany 200m str					
also made 0 P/4 item (12)					
03 Nos @ 19 672 32/ea					2077m
(13) P.V. & bany 200m str					
made by 10 meters 3 m					
board					
also made 1 m 5/4 item (13)					
03 Nos @ 19 975 3.96/ea					292622
(14) P.V. & bany 600m					
also made triangle					
also made 1 m 5/4 item (14)					
10 Nos @ 19 1585.61/ea					158562
(15) P.V. & bany 600m					
circle					
also made 1 m 5/4 item (15)					
06 Nos @ 15 11629.66/ea					97782
(16) P.V. & bany 600m					
rectangle					
also made 1 m 5/4 item (16)					
04 Nos @ 15 1625.15/ea					65012
(17) Road marking on B.T					
also made 1 m 5/4 item (17)					
108.00 m @ 15 942.86/ea					1018292

30541992

DD	15/01/2024	DD	15/01/24
	AEISC		AE
It is certified that all per site condition the work is complete.			
DD	15/01/2024	DD	15/01/24
	AEISC		AE