

Name of Road - Bagra Hospital Mohave Sathi Sthan Tola
Se to Koiri tolg under M/May (NDBricks)
Name of Agency - M/s North Bihar Const Corp.
Schedule XLV-Form No. 134

Executive Engineer

Rural Works Department

Works Division : Jopalganj

DIVISION

Block - Bagrauli SUB-DIVISION

M.B.No- 903

MEASUREMENT BOOK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Sh-29</u> Back filling behind abutment wing, w/4 end retaining wall -					61.9
1 x 4 x 2.00 x 0.15 x 2.20 = 2.64					
1 x 4 x 4.00 x 0.88 x 2.20 = 30.88					30.88
1 x 4 x 1.43 x 0.15 x 1.00 = 0.86					
1 x 2 x 2.00 x 6.70 x 1.00 = 26.80					
<u>Phil</u>					61.1043
<u>3013123</u>					<u>61.28 m²</u>
<u>26</u>					

Abstract of Cost

<u>Sh-1</u> Reference Pillar as				
Per standard - - -				612
vide page no-16				
4.00 Nos @ 1781.68 / Nos = 7127.00				7127.00
<u>Sh-2</u> clearing and grubbing				
Good land - - -				615
vide page no-16				
0.41 Hect @ 49496.70 / Hect = 20294.00				20294.00
<u>Sh-3</u> Dismantling of existing				
structures like culverts - - -				616
vide page no-16				
2.314 ² @ 463.25 / m ² = 1069.00				1069.00
				<u>284902.00</u>

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Sub 4 Reinforced Concrete</u>					
Concrete — — —			8/12		
vide page no. 17					
3.00 M³ @ 1136.40 / M³ = 24 3409.20					
<u>Sub 5 Dismantling of existing structures</u>					
skelton — — —			8/12		
vide page no. 17					
55.44 M³ @ 332.95 / M³ = 18459.20					
<u>Sub 6 Removing all types of knee pipe and</u>					
— — — — —			8/12		
vide page no. 17					
5.00 M³ @ 228.68 / M³ = 11 93.00					
<u>Sub 7 Excavation for roadway</u>					
in soil using — — —			8/10		
vide page no. 17					
236.41 M³ @ 122.15 / M³ = 28877.20					
<u>Sub 8 Excavation for roadway</u>					
in soil using manual — — —			8/12		
vide page no. 17					
100.41 M³ @ 74.10 / M³ = 7440.20					
<u>Sub 9 Construction of embankment</u>					
with approved material — — —					
vide page no. 17					
163.03 M³ @ 40.41 / M³ = 6588.00					
					94408.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sub construction of					
embankment with					
wide paper w-18.					
956.62 m^2 @ 12		169.23	m^2	161	889200
Auto Construction of					
granular Subbase					
12.15 m^2 @ wide paper w-21					
262.06 m^2 wide paper w-18.					
274.21 m^2 @ 15		3015.76	m^2	24	82695200
Sub 11 Providing laying					
of base and compacting					
Stone aggregates					
8.44 m^2 wide paper w-21					
238.07 m^2 wide paper w-18					
246.51 m^2 @ 15		4268.50	m^2	105222800	
Sub 12 Laying Brick					
Soil Layer					
wide paper w-19					
468.75 m^2 @ 15		448.37	m^2	21017300	
Sub 13 Providing and applying					
primer coat					
112.50 m^2 wide paper w-22					
1417.50 m^2 wide paper w-28					
1530.00 m^2 @ 15		40497	m^2	62683200	
				24083300	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item 14</u> Providing and applying					
Jack Coat with --- E/I					
112.50 m ² wide paper - 22					
1417.50 m ² wide paper - 18					
1530.00 m ² @ Rs 13.96 / m ² = Rs 21359.70					21359.70
<u>Item 15</u> Providing laying and					
filling of close graded --- E/c					
112.50 m ² wide paper - 18					
1417.50 m ² wide paper - 22					
1530.00 m ² @ Rs 216.47 / m ² = Rs 331199.70					331199.70
<u>Item 16</u> Construction of					
un-reinforced closed					
Jointed at expansion --- E/c					
wide paper - 19					
375.00 m ² @ Rs 6717.04 / m ² = Rs 2518890.00					2518890.00
<u>Item 17</u> Pointing over letter					
and figures of any shade --- E/c					
wide paper - 22					
125.00 m ² @ Rs 824.84 / m ² = Rs 103105.00					103105.00
<u>Item 18</u> Reinforced cement					
Mortar mix grade --- E/c					
(i) Ordinary 1/4 m stone					
2.00 each @ Rs 2467.90 / each = Rs 4936.00					4936.00
(ii) 200 m stone					
4.00 each @ Rs 649.54 / each = Rs 2598.16					2598.16
					Rs 5390423.20

Continuation

5390418.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Stn 17 Reinforced Cement Concrete					
M15 grade boundary pillar					
wide base w-23					
10.00 Nos @ M 528.72 / Nos = M 5287.20					
Stn 18 Planting of trees by the road side					
wide base w-23					
10.00 each @ M 528.72 / each = M 5287.20					
Stn 19 Planting of trees by the Roadwork & excavation for structures as per					
40.19 m wide base w-25					
6.48 m ²					
51.96 m ² wide base w-29					
94.336 m ² @ M 260.57 / M ² = M 23801.20					
97.818 m ²					
Stn 20 Providing concrete for plain reinforced concrete in					
open					
4.12 m ² wide base w-24					
25.62 m ² wide base w-25					
29.79 m ² @ M 6151.50 / M ² = M 183253.20					
22.74					
Stn 21 Plain / reinforced Cement concrete in Substructure					
0.56 m ² wide base w-25					
0.29 m ² wide base w-26					
2.40 m ² wide base w-27					
28.38 m ² Page - 24					

Continuation

31.63 m² @ 6193.77 / M² = M 195909.20

195909.20

M 587901.20

M 585322.60

587966

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22-22 Providing and laying reinforced cement - E/E					
vide page no-27					
15.000m @ Rs 236.74 / m ² = 3551.00					
23-23 Providing and laying reinforced cement concrete					
Pipe NPS for culverts - E/E					
vide page no-27					
7.500m @ Rs 3522.51 / 100 = 2641.92					
30-30 Laying (first class) bedding abutment wing -					
vide page no-27.					
2.25 m ³ @ Rs 403.55 / m ³ = 908.20					
31-31 Back-filling behind abutment wing wall - E/E					
4.10 m ³ vide page no-24					
61.98 m ³ vide page no-28					
65.60 m ³ @ Rs 732.32 / m ³ = 48041.20					
32-32 Construction of unreinforced, abutment/raile at expansion end - E/E					
vide page no. 26					
9.11 m ³ @ Rs 6717.04 / m ³ = 61192.00					
33-33 Supplying fitting and placing HRS Bar reinforcement -					

Continuation

Rs 5993337.00

Rs 6015083.00
6019777.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
super structure complete					
as per drawing --- etc					
vide page no. 21					
1.364 M ² @ 15 57048.61 / M ² 477819.00					77985.00
Sh-37 printing new letter					
and figures --- etc					
vide page no. 22					
880.10 m ² @ 0.83 / m ² 730					730
Sh-35 preliminary regulatory					
informational direction --- etc					
vide page no. 22					
10.00 Nos @ 4253.35 / Nos 42533.00					42533.00
Sh-36 providing and fixing					
of typical mesh --- etc					
200 Nos vide page no. 19					
1.00 Nos vide page no. 22					
3.00 Nos @ 10986.81 / m ² 32960.20					32960.20
Sh-37 Road marking					
for ce portion --- etc					
vide page no. 23					
80.00 M ² @ 735.40 / m ² 58832.00					58832.00
Sh-38 providing and					
laying reinforcement --- etc					
vide page no. 26					150605.00
19.88 m ² @ 7575.69 / m ² 150567.00					150567.00
					6377789.00
Continuation					6383422.00

Material Statement	
Metal -	16.945 m ³
Moorum -	5.586 m ³
Stone chips -	2.25 m ³
Course sand -	0.675 m ³
Phil 30/3/22 JK	
Continuation	