

TOF Chakk To Badhama Gaon (Biller Babashtang)
To Sadauli Bin Tola

Schedule XLV Form No. 134.

Bhabhug

DIVISION

ChaimRy

SUB-DIVISION

Measurement Book

8/8 2009

14-31

નોંડ-25

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Road To 7 Chaur to Badhaura (Nam (Billoo baba Sthan) To Sabauli Bin Tola.					
Name of Agency - M.S.V.S. Construction					
Agreement No - SDD-21/24-					
D.O.C - 14.10.2025					
D.O.C - 13.10.2026					

D.O. M - 02, 06.2025

New H.p. Collect

(1) Earthwork in excavation
9.11.11 for foundation.

$$H.W = 2 \times 6.450 + 1.400 + 1.500 = 27.000$$

Below pipe -	1.480	1.530	0.365 =	2.705
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D. S.	02-06-2018	Cat = 29.8007
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(2) providing $M_{15} (1:2\frac{1}{2}:5)$

$$H.W = 2 \quad 6.450 \quad 1.400 \quad 0.15 = 2.709^{NS}$$

Below pile = $1 \times 4.930 \times 1.530 \times 0.250 = 1.886$

1021062025

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) 3/12.5 II plain cement concrete					
P.C.C. m-20 dia. 10					
all comp. 150					
H.W = 2 6'1.50 0.825 3'1.80 =					32.269 m ³
Perimeter 2 6'1.50 0.40 0.60 = 2					2.952 m ³
Less pipe 2 0.7857 x (1.230) ² x 0.622 =					1.147 m ³
1 Total area =					33.740 m ³
Sum 02.06.2025					

(4) 9.3(B) providing & laying					
R.C.C. N.P. pipe					
dia. 1000.00 mm					
1x 3x 2.00 =					7.50 m
Sum 02.06.2025					

Record measurement

Name of work:- L.O.G. to
Kharanti Colony

Road (Near Pakhra)

to Kharanti Kharizan Tola.

Name of Agency - M.L.V. & Constructors

Agreement No. - SBD-21/2024-25

D.O. 14.10.2025

D.O. 13.10.2025

D.O. 09.06.2025

(1) Construction of
9/3.14 Subgrade & earthwork
Shoulder

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 30 \times 40 \times 7.7 \times 0.30 =$					138.60 ^m
Adjacent to wall					
$2 \times 20 \times 30 \times 1.125 \times 0.275 =$					371.25 ^m
$2 \times 20 \times 30 \times 1.125 \times 0.275 =$					371.25 ^m
$2 \times 20 \times 30 \times 1.125 \times 0.275 =$					371.25 ^m
$2 \times 15 \times 30 \times 1.125 \times 0.275 =$					278.437 ^m
Total area					
Adjacent to pipe					
$2 \times 20 \times 30 \times 0.625 \times 0.30 =$					251.25 ^m
Total area					
					1782.037 ^m
Sum					
					09.06.2025
(2) Construction of granular					
10/4/1 Subbase L.S.B.					
$2 \times 30 \times 4.05 \times 4.50 \times 0.20 =$					51.30 ^m
Sum					
					09.06.2025
(3) providing laying &					
11/4/7 spreading concrete					
L.S.B. concrete					
$2 \times 30 \times 3.75 \times 0.075 =$					17.4375 ^m
					16.875 ^m
Sum					
					09.06.2025

Continuation

Record measurement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
By same agency & same government					
D.O.M. - 18.06.2025					
(1) Construction of 17/64 unreinforced plain cement concrete pavement P.C.C. m-30.					
10x30x3.75x0.160 =					180.00m
5x30x3.75x0.160 =					90.00m
4x30x3.75x0.160 =					72.00m
1x30x(3.75+4.0)x0.160 =					18.60
					<u>Total = 360.60m</u>

18.06.2025

(2) providing & laying 19/8.29 reinforced cement concrete pipe duct dia 300mm					
14x3x2.00 =					105.00m

18.06.2025

(3) Laying brick sealing 18/4.18 edge & corner shoulder					
2x11x15.00x0.250 =					82.50m
4x15.00x0.250 =					15.00m
1x5.00x0.250 =					1.25m

Continuation

Total 98.75m²

18.06.2025

Record measurement

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Road T-7 Chauk to Badhama Cross (Billa Baba Sthan) to Sadauli Bin Tola.					
Name of Agency - M.C.I.A. Co. Dhaka					
Agreement No - S.D-21/2024-25					
S.O.C - 14.10.2024					
D.O.C - 13.10.2024					
D.O.M. - 29.06.2025					
(1) providing & applying 12/5-1 primer coat with bitumen emulsion (SS1)					
20 x 30.00 x 3.75 =					2250.00 m ²
20 x 30.00 x 3.75 =					2250.00 m ²
20 x 30.00 x 3.75 =					2250.00 m ²
10 x 30.00 x 3.75 =					1125.00 m ²
2 x 30.00 x (3.55 + 3.70 + 3.45) ÷ 3 =					223.99 m ²
2 x 30.00 x (3.70 + 3.95 ÷ 2) =					231.00 m ²
1 x 30.00 x (3.75 + 4.00 ÷ 2) =					123.75 m ²
Total =					8453.74 m ²

29.06.2024

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) painting & applying 13/5.2 tack coat (R.O.)					
Same Area, position					
NAH. P-29					
Area = 8453.749 m ²					
1					
29.06.2025					
(3) providing & laying 14/5.11 mix seal surfcoat					
Providing					
20 x 30.0 x 3.75 =					
20 x 30.0 x 3.75 =					
20 x 30 x 3.75 =					
10 x 30.0 x 3.75 =					
2 x 30.0 (3.55 + 3.75 + 3.95) = 223.999					
2 x 30.0 x (3.75 + 3.95) = 231.000					
1 x 30.0 x (3.75 + 4.50) = 123.750					
Total = 8453.740					
m ²					
29.06.2025					
Record measurement					
in same Agency &					
Same agreement					
Signature - 08.07.2025					
(1) P.F. to illuminate					
20/10/1					
Same with faint					
printing etc.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) 100 mm Stone = 11 Nos.					
(ii) 200 mm Stone = 11 Nos.					
1					
21/10.2					
08.07.2025					
(2) 1/2 Retro-reflection					
21/10.2					
Traffic Signs					
(i) 600 mm equilateral					
& triangle sign = 0.2 nos.					
(ii) 900 mm stop sign					
= 0.2 nos.					
(iii) 600 x 400 mm plate					
2 nos. = 0.2 nos.					
21/10.2					
08.07.2025					
(3) providing & laying					
23/8.13					
RCC Road marking					
(with hot applied					
thermo plastic.					
Conform.					
2 x 2200 x 0.100 =					450.00
1					
21/10.2					
08.07.2025					
(4) Construction of					
8/3.4					
embankment with					
material obtained					
from borrow pit					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
From earth work					
Quantity sheet					
			Qty = 13	712.50 m ³	
(Attached with sheet 511)					
Less For crust					
Subgrade					
wide P-20, ^{rim} Qty =				(-)	5025.60
wide P-27, ^{rim} Qty =				(-)	1782.037
G.C.B					
wide P-21, Qty =				(-)	2004.00
wide P-27, Qty =				(-)	51.30
WBm grade 511					
wide P-21, Qty =				(-)	787.60
wide P-27, Qty =				(-)	17.437
P.C.C					
wide P-21, Qty =				(-)	360.60
Total Deduction =				(-)	10028.6
					m ³
Net E/W Qty =				(13712.50 - 10028.6)	
For 1000 m Lead					
@ 20% =					736.774
For 1000 m Lead					
@ 20% =					2947.098
					m ³

08.07.2024
 J.E. Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) 22/11.9 Planting of tree & in maintenance					
22/11.9 (2 x 2250) ÷ 50 = 90 Nos.					
(6) Road marking with not supplied					
24/8.13 200 Dithermoplastic Contd.					
24/2x 600.0 x 0.100 =					120.000
(7) providing & fixing Logo & maintenance					
25/10.6					
cost = 0.170					
25/08.07.2025					
(8) putting of plaster wall					
10.5					
2x 6.150 x 0.600 =					7.380
4x 6.150 x 0.600 =					14.760
4x 0.400 x 0.600 =					0.960
9 m. wall = 9 x 20.640 =					185.760
25/08.07.2025					
4th A/c. Bill & Final Bill					
Abstract Cost					
Name of work:- Road to					
Chalk to Badhaura					
Colon (Bikar) baba					
Station to Sadouli					
Bir Tala.					
Name of Agency - M/s V. C. Patel.					
Agreement No. - SBO-21/2024-25					
D.O.S. - 14.10.2024					
D.O.C. - 13.10.2025					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & fixing of working benchmark pillar					
23					
0.8 m ³ UTM B. P-19					
@ Rs 2725.10					Rs 62677.0
(2) Clearing & Grubbing Road Land					
2/2.2					
0.94 hect. UTM B. P-20					
@ Rs 76926.08					Rs 72311.0
(3) Construction of embankment with material obtained from borrow pit					
8/3.4					
(i) For 1000.00 m ³ Lead					
736.77 m ³ UTM B. P-32					
@ Rs 260.98					Rs 192282.0
(ii) For 1000 m ³ Lead					
2947.09 m ³ UTM B. P-32					
@ Rs 188.29					Rs 554909.0
(4) Construction of Subgrade & Embankment Shoulder					
9/3.14					
5025.60 m ³ UTM B. P-20					
1782.03 m ³ UTM B. P-27					
6807.63 m ³					
@ Rs 264.51					Rs 1800684.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Construction of					
10/4.1					
15/4.1					
2004.05 m ³					
51.30 m ³					
2055.35 m ³					
@ Rs 3261.37					Rs 67,03,257
(6) providing, laying,					
11/4.7					
16/4.7					
III					
/					
787.603 m ³					
17.437 m ³					
805.04 m ³					
@ Rs 5036.84					Rs 40,54,558
(7) providing & applying					
12/5.1					
primer coat with					
bitumen emulsion					
(SS-1)					
8453.749 m ²					
@ Rs 57.87					Rs 4,89,218
(8) providing & applying					
13/5.2					
hack coat with					
bitumen emulsion					
(RS-1)					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8453.74 m ² WMB, P-30					
(9) providing, laying & rolling provision surfacing m.c.s.					
14/5.11					
20 mm thick					
8453.74 m ² WMB, P-30					
(10) Construction of P.C.C. M-30 grade					
17/6.4					
chamber					
Construction					
18.1.00					
360.60 m ² WMB, P-28					
(11) Laying brick channel on edge for hand channelling					
18/4.18					
98.75 m ² WMB, P-28					
(12) providing & laying cement concrete reinforcement pipe dia 300 mm					
19/8.29					
105.00 m WMB, P-28					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) P/F Kilometer 20/10.1					
Stone					
(i) 10m Stone					
4.00 Nos. WMB, P-31					
@ Rs 2892.27 → Rs					11596.00
(ii) 2.50m Stone					
11 Nos. WMB, P-31					
@ Rs 810.06 → Rs					8911.00
(14) P/F of road -					
21/10.2					
rectangular					
Informative sign					
Boards.					
vide TMB, P-31					
(i) 600mm equilateral					
triangle Board					
02 Nos @ Rs 5056.35 → Rs					10112.70
(ii) 900mm side octagon					
Stop					
02 Nos. @ Rs 12904.18 → Rs					25808.36
(iii) 600mm x 450mm					
rectangular plate					
Board					
02 Nos. @ Rs 6790.17 → Rs					13580.34

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) priming & laying 23/8.13 R.B. of hot applied thermo plastic conformed cl. to all comp. 450.00 m ² V.M.B. P-31 @ R 86.50 → R 39892.50					
(15) p/f of typical 25/10.6 masonry WB information sign board 02 Nos. V.M.B. P-20 @ R 12844.67 → R 25689.34					
<u>New H.P. Work</u>					
(16) Earth work in 9.1/11.1 excavation 238.38 m ³ V.M.B. P-21 29.80 m ³ V.M.B. P-25 268.18 m ³ @ R 405.83 → R 108835.00					
(17) priming m-15 p.c.c. 11.4 (1.5, 2.5, 1.5) cl. on all comp. to 36.72 m ³ V.M.B. P-21 4.60 m ³ V.M.B. P-25 41.32 m ³ @ R 6722.99 → R 277828.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) providing & laying					
3/12.5 II					
P.C.C. m-20 do.					
do. curbed job					
269.93 m ³ mmb, P-22					
33.74 m ³ mmb, P-26					
303.673 m ³					
① Rs 7730.11 → Rs 23,47,425					
(19) providing & laying					
9.38)					
NP2 pipe dia					
1000.00 mm					
60.00 m mmb, P-22					
7.50 m mmb, P-26					
67.50 m					
② Rs 7720.62 → Rs 525192.00					
Total Amt Rs 23472842.00					
Add 18% invst					Rs 4225192.00
Add 1% L.C.					Rs 234728.00
Add ③ 0.3776% C.F. = 1%					Rs 84633.00
Total Rs 28021315.00					
Less 29.99% below ad					
per agreement					Rs 8403592.00
					Rs 19617723.00
Less provision for					
Amt mmb, P-22, ④					Rs 13110975.00
Net payable Amt					Rs 65,06,748.00

Total A subtract Qty	
i. Earth =	36.83.372 m ³
ii. Subgrade =	6807.637 m ³
iii. G.C.B =	2055.35 m ³
Stone =	1728.50 m ³
Sand =	739.924 m ³
(iv) WBM grade III	
Qty =	805.24 m ³
Stone =	966.00 m ³
Stone Screen =	193.200 m ³
(v) P.C.C. (1:2.5:5) m-15	
Qty =	41.325 m ³
Stone =	37.756 m ³
C. Sand =	12.872 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(vi) P.C.C. m-20					
Qty = 303.682 m ³					
Stone = 256.749 m ³					
C.Sand = 128.374 m ³					
(vii) P.C.C. m-30					
Qty = 360.60 m ³					
Stone = 279.465 m ³					
C.Sand = 139.732 m ³					
(viii) Emulsion (SS-1)					
Area = 8453.74 m ²					
@ 0.8 kg/m ² = 7.186 m ³					
(ix) Emulsion (RS-1)					
Area = 8453.74 m ²					
@ 0.275 kg/m ² = 2.325 m ³					
(x) m.s.c. 20 mm brick					
Area = 8453.74 m ²					
@ 1.9 kg/m ² = 16.062 m ³					
Total m ³					
i. Earth = 3952.052 m ³					
ii. Subgrade = 6807.637 m ³					
iii. Stone = 3266.47 m ³					
iv. Slab concrete = 192.209 m ³					
v. Coarse Sand = 1026.91 m ³					
vi. Brick = 5.431 thousand					
(viii) Emulsion (SS-1) = 7.186 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Emulsion (R-11)					2.325 MT
(12) Bituminous (R-30)					16.062 MT
$\frac{12.07.2025}{- 5.6}$					
(20) planting of trees					
22/11/9					
& their maintenance					
one year					
90 MT vide M.M.B.P-33					
@ Rs 1305.10					117459.00
/					
(21) Road marking with					
24/8/13					
hot applied thermoplastic compound					
120.00 m ² vide M.M.B.P-33					
@ Rs 886.50					106380.00
(22) providing & fixing					
25/10/6					
logs of maintenance					
Board					
01 MT vide M.M.B.P-33					
@ Rs 12844.67					12845.00
(23) fencing compound					
10.5 wall of M.P. Culvert					
185.76 m ² vide M.M.B.P-33					
@ Rs 136.42					25436.00

Total Amt Rs 23734962.00

Continuation

Continuation $\phi: T \rightarrow D$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Seigniorage Fee					
(i) Earthwork					
Qty 2	3952.0	52m ³			
@ Rs 35.25 →					Rs 139310.00
(ii) Construction of Subgrade & Earthwork shoulder					
Qty 2	6807.637	m ³			
@ Rs 35.25 →					Rs 239969.00
(iii) C.S.B					
Qty 2	2055.35	m ³			
@ Rs 843.25 →					Rs 1733174.00
(iv) W.B.M (Grade III)					
Qty 2	805.04	m ³			
@ Rs 1434.24 →					Rs 1154621.00
(v) Cement Concrete					
four cement m-30					
Qty 2	139.732	m ³			
@ Rs 1037.57 →					Rs 144982.00
(vi) P.C.C m-20 (1:2:4)					
Qty 2	303.682	m ³			
@ Rs 1125.42 →					Rs 341770.00
(vii) P.C.C m-15 (1:2:5:5)					
Qty 2	41.325	m ³			
@ Rs 11465.00 →					Rs 43604.00
	11465.00				Rs 46063.00
Total Rs					37,97,430.00