

Schedule XLV-Form No. 134

M.M.W.S.Y.(NDB)

Dalit Tola To Munshi Road

DIVISION

(Bajitpur)

SUB-DIVISION

Mrs. Paxtina Kumar

MEASUREMENT BOOK

FREE

M.B.No

(134)

FINAL BILL

N/W → DALIST TOLA TO MMGSY ROAD
16 (RAJIT PUR)
Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Record Entry					
① powdering and applying					
primer coat -					
$25 \times 30 \times 3.75$					$= 2812.50 \text{ m}^2$
$1 \times 14 \times \left(\frac{3.75 + 4.20 + 3.75}{3} \right)$					$= 54.6 \text{ m}^2$
$1 \times 13 \times \left(\frac{3.75 + 4.30 + 3.75}{3} \right)$					$= 51.13 \text{ m}^2$
$1 \times 13 \times 3.75$					$= 48.75 \text{ m}^2$
$6 \times 10 \times 3.75$					$= 225 \text{ m}^2$
Total =					3191.98 m^2

② powdering and applying					
Jack Coat -					
$25 \times 30 \times 3.75$					$= 2812.50 \text{ m}^2$
$1 \times 14 \times \left(\frac{3.75 + 4.20 + 3.75}{3} \right)$					$= 54.6 \text{ m}^2$
$1 \times 13 \times \left(\frac{3.75 + 4.30 + 3.75}{3} \right)$					$= 51.13 \text{ m}^2$
check 13×3.75					$= 48.75 \text{ m}^2$
$6 \times 10 \times 3.75$					$= 225 \text{ m}^2$
Total =					3191.98 m^2

③ powdering, laying and rolling of M.S.S. -					
check $25 \times 30 \times 3.75$					$= 2812.50 \text{ m}^2$
$6 \times 10 \times 3.75$					$= 225 \text{ m}^2$
$1 \times 13 \times 3.75$					$= 48.75 \text{ m}^2$
$1 \times 14 \times \left(\frac{3.75 + 4.20 + 3.75}{3} \right)$					$= 54.6 \text{ m}^2$
Continuation					
$1 \times 13 \times \left(\frac{3.75 + 4.30 + 3.75}{3} \right)$					$= 51.13 \text{ m}^2$
Total =					3191.98 m^2

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
④ Construction of embankment with material -					
1000 m lead					
2x 8x 30 x 0.4 x 0.9					$= 172.8 m^2$
2x 10x 30 x 0.5 x 0.8					$= 240 m^2$
1x 10x 30 x 0.6 x 1.0					$= 180 m^2$
					total = 592.8 m ²
⑤ Construction of subgrade and Egothen Shoulder -					
2x 32x 30 x 1.00 x 0.275					$= 528 m^2$
2x 5x 30 x 1.10 x 0.275					$= 90.75 m^2$
2x 1x 10 x 1.00 x 0.275					$= 5.5 m^2$
2x 1x 11 x 0.85 x 0.275					$= 5.142 m^2$
PCC Pothole					
1x 1x 30 x 0.5 x 0.335					$= 5.02 m^2$
1x 1x 6 x 0.6 x 0.335					$= 1.206 m^2$
1x 3x 20 x 0.5 x 0.335					$= 10.05 m^2$
					Total = 645.668 m ²
⑥ Km stone - 3 nos					
⑦ 200 m stone - 8 nos					
⑧ Boundary pillar - 22 nos					
⑨ traffic sign -					
- 600 mm equilateral triangle					8 nos

Continuation

Asignatura
18/3/28
AE

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
S. Fee	Calculation				
① Earth work	1238.468 m ³				
	@ 32.25 x 10% = 4365.59/-				
② MSS	3191.88 m ³				
	@ 11.61/m ³ x 10% = 3705.88/-				
	Total = 8071.47/-				
Previous S. Fee	= 2,24,943.72/-				
	Total = 2,33,015.19/-				
Mukesh Kumar 18/3/24 JE	A. Singh 18/3/24 AE				

Material Statement					
① E/W	1238.468 m ³				
	x 33 = 40869.54				
② Stone rubble	86.39 m ³				
(13.2mm to 2.0mm)	x 150 = 12958.50				
③ Bitumen (S-90)	8.094 MT				53828
④ Emulsion (SS-1)	3.621 MT				
⑤ Emulsion (RS-1)	1.171 MT				
Mukesh Kumar 18/3/24 JE	A. Singh 18/3/24 AE				
Bitumen Invoice no	- 778239654				
	Date - 18/11/24				
Emulsion Invoice no	- PIL/613/23-24				
	Date - 15/11/24				

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
① Providing and fixing bench mark pillar -					
(i) Bench mark pillar - 2 nos					
@ 4591.53/nos = RS 9183.06/-					
(ii) Reference pillar - 6 nos					
@ 2112.83/nos = RS 12,676.98/-					
2) Cleaning and grubbing road					
Land - - - 1.10 Ha					
@ 72697.86/Ha = RS 79,967.64/-					
③ Cutting of trees -					
(i) Girth above 300 mm to 600 mm -					
- - - 4 nos					
@ 345.76/nos = RS 1383.04/-					
(ii) Girth above 600 mm to 900 mm - 3 nos					
@ 606.08/nos = RS 1818.24/-					
(iii) Girth above 900 mm to 1800 mm - 2 nos					
@ 1127.57/nos = RS 2255.14/-					
④ Removal of electric poles - 8 nos					
@ 228.79/nos = RS 684.37/-					
⑤ Dismantling of existing culvert					
- up to like Culvert - 1.625 m ³					
@ 652.07/m ³ = 1056/-					

Continuation 109025.47

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⑥ Dismantling of existing structure like Culvert - 61.24 m ³					
@ 314.04/m ³					= RS 19263.52/-
⑦ Removing of 600mm dia H.P. - 10 Rm					
@ 336.35/RM					= RS 3363.50/-
⑧ E/w in excavation for foundation - 178.79 m ³					
@ 410.66/m ³					= RS 73421.90/-
⑨ PCC MIS as levelling - 27.57 m ³					
@ 605.43/m ³					= RS 166672.50/-
⑩ plain/reinforced cement concrete in substructure - 202.44 m ³					
@ 7013.90/m ³					= RS 14,19,893.91/-
⑪ RCC NP-3 for Culvert - -					
(vide P-03) - 45 m					
@ 8035.47/m					= RS 3,61,596.15/-
⑫ Painting on Parapet Wall -					
(vide P-03) - 123.84 m ²					
@ 133.61/m ²					= RS 16546.26/-
⑬ Box Cutting - 47.225 m ³					
@ 103.85/m ³					= RS 4904.316/-
⑭ Construction of embankment with approved material - 28.335 m ³					
@ 61.43/m ³					= RS 1740.819/-

Continuation

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Sch.XLV-Form No. 154					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
(15) Construction of material					
Obtained from borrow pit -					
(vide P-04 and P-17)					
(1589.06 + 592.8)					
(i) 1000 m lead - 1239.78 m ³					
@ 259.43/m ³ = 321,638.71/-					
(ii) 1000 m lead - 2181.86 m ³					
@ 178.85/m ³ = 3,83,680.08/-					
(16) Construction of sub grade					
and Earthen Shoulder -					
(1972.26 + 645.66)					
(vide P-05 and P-17) - 2617.928 m ³					
@ 262.96/m ³ = RS 6,88,410.34/-					
(17) Construction of GSB Grading - I					
material (vide P-07) - - 1029.124 m ³					
@ 2226.27/m ³ = RS 22,91,107.88/-					
(18) Providing laying and spreading					
WBM GR-III (vide P-07) - 437.165 m ³					
@ 3400.56/m ³ = RS 14,86,605.81/-					
(19) Providing one laying reinforced					
cement Concrete pipe duct -					
(vide P-08) - 10 RM					
@ 1044.34/RM = RS 10,443.40/-					

Continuation

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(20) Construction of unreinforced cement concrete pavement -					
(vide p-08) -			303.15	63	m ³
@ 6970.93/m ³ =			21,13,281.34/-		
21) Providing and applying prime coat (vide p-08 and p-16)					
(1068375 + 3191.384)			260.355		m ²
@ 59.85/m ² =			RS 2,54,982.24/-		
22) Providing and applying tack coat (vide p-09 and p-16) -					
-			4260.355		m ²
@ 20.59/m ² =			RS 87,720.74/-		
(23) Providing laying and rolling MSS (vide p-09 and p-16)					
-			4260.355		m ²
@ 247.87/m ² =			RS 10,56,014.194/-		
(24) Providing and fixing logo of project -			4		Nos
@ 11161.66/Nos =			RS 44646.64/-		
(25) Providing and laying hot applied thermoplastic compound -					
-			100		m ²
@ 993.40/m ² =			RS 99340.00/-		

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
②⑥ Km stone - 3 nos					
@ 2656.09/nos					Rs 7968.27/-
②⑦ 200 m stone - 8 nos					
@ 781.51/nos					= Rs 6252.08/-
②⑧ Boundary pillar - 52 nos					
@ 744.70/nos					= Rs 38724.4/-
②⑨ traffic sign -					
600 mm equilateral triangle					
- 8 nos					
@ 4111.69/nos					= Rs 32893.52/-
③⑩ 600 mm circular - 8 nos					
@ 5535.42/nos					= Rs 44283.36/-
③⑪ 600 mm x 450 mm - 8 nos					
@ 5389.69/nos					= Rs 43117.52/-
③⑫ Road marking with hot applied thermoplastic - 224 m ²					
@ 886.39/m ²					= 1,98,551.36/-
③⑬ Planting of trees - 112 nos					
@ 1254.41/nos					= Rs 1,40,493.92/-
Total =					1,15,34,884.91/-
					1,15,26,604.90

Continuation

1,15,26,605 =

Sch.XLV-Form No. 154				Contents of area
Particulars	Details of actual measure			
	No.	L.	B.	D.
B.f	Total = 1,		15,34	584.91/-
add GST @ 18%	= 20,		76,225.28/-	
add L.C@ 1%	= 1,		15,345.84/-	
add S. Fee =			2,33,015.19/-	
	Total		1,39,59,171.22/-	
less 10% below	= 13,95,917.12/-			
	Total		1,25,63,254.10/-	
Less previous payment	= 1,05,82,916.00/-			
	Total		19,80,338.00/-	
Mukesh Kumar 18/8/23 DR	ABH 18/3/23 AF		18/8/23	
Limit - Material statement update				
(1) E/W =	6067.913 m ³	x 93	200241=	
(2) 53 to 9.5 mm	= 617.47 m ³		92621=	
(3) 9.5 mm to 2.36 mm	= 246.98 m ³		37047=	
(4) 2.36 mm below	= 375.48 m ³		55572=	
(5) 53 mm to 22.4 mm	= 528 m ³		79200=	
(6) Stone Screening	= 104.91 m ³			
(7) Coarse Sand	= 255.91 m ³		15737=	
(8) 40 mm agg.	= 255.91 m ³		38387=	
(9) 20 mm agg.	= 127.95 m ³		19193=	
(10) 10 mm agg.	= 42.653 m ³		6398=	
(11) Cement	= 213.26 MT			
(12) Stone crush	= 115.236 m ³		17285=	
(13) Bitumen (S-90)	= 8.094 MT			
(14) Emulsion (SS-1)	= 3.621 MT			
(15) Emulsion (RS-1)	= 1.171 MT			
Continuation				
For next Bill. →				

Balance A/c of 1st Apr 20
138 Dt 31-01-25 Rs 455941

2nd²⁶ on A/c Bill
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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Memo of Payment Rs 455941.					
S.D 8% —			36475=		116418
S. Aux 1% —			4559=		
CGST 1% —			4559=		
SGST 1% —			4559=		
L. cess 1% —			4559=		
Royalty —			53828=		
S. Fee —			8071=		
Ad. for front.					
By CFMS —			339331=		
			455941=		

Passed for Rs 455941= (Four
lakh Fifty Five thousand nine
hundred and forty one)

Rs Pay Rs 339331= (Three
lakh thirty nine thousand
three hundred and thirty one
only)

Executive Engineer
Rural Works Department
Works Division Rajauli

(H-25 N/25) 25/4/25

Taken No:-
PNP3202504000004825
Dt - 28/04/2025

Reg — 1515850 =