

Est & Pinal Bill

1

Name of Work—
 Situation of Work—
 Agency by which work is executed—
 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.	
Name of Work—	Road - Lodh Asauli road + kuthi.				
Agency—	MIS Radarch Const.				
Ag. H. No—	221 NADI MR 19024-25				
DOC—					
TOC—					
(1)	Clearing & grubbing road work.				
	2x 25.00x 25.00x				
	2x	52x	25.00x	0.750 =	1950.00 m ³
			1950.00 m ³ ÷ 10000 =	0.195 m	
(2)	Const. of C/SB by providing well graded material.				
Total MMS w/other AF	5x	20.00x	1.40x	0.175 =	24.50 m ³
	7x	25.00x	1.30x	0.175 =	39.81 m ³
	10x	20.00x	1.00x	0.175 =	56.00 m ³
	2x	20.00x	1.20x	0.175 =	8.40 m ³
					111.21 m ³
(3)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3)	Providing, laying				
	spreading & compaction				
	Grade-2 material.				
	4x	15.00	1.60	0.075	$= 9.60 \text{ m}^3$
	7x	20.00	1.50	0.075	$= 95.75 \text{ m}^3$
	9x	15.00	1.40	0.075	$= 14.175 \text{ m}^3$
	10x	12.00	1.30	0.075	$= 11.70 \text{ m}^3$
	8x	15.00	1.70	0.075	$= 15.30 \text{ m}^3$
(3)	10x	12.00	1.20	0.075	$= 10.80 \text{ m}^3$
	4x	15.00	1.60	0.075	$= 9.60 \text{ m}^3$
	8x	20.00	1.50	0.075	$= 85.725 \text{ m}^3$
					$\text{Unit} = 85.326 \text{ m}^3$
(4)	Providing, laying spreading				
	and compaction				
	Grade-3 material.				
Checked H. H. K. 20/01/25 AF	10x	25.00	1.60	0.075	$= 30.00 \text{ m}^3$
	11x	16.00	1.40	0.075	$= 18.48 \text{ m}^3$
	15x	15.00	1.50	0.075	$= 25.31 \text{ m}^3$
	8x	20.00	1.30	0.075	$= 15.60 \text{ m}^3$
	9x	18.00	1.70	0.075	$= 20.655 \text{ m}^3$
	8x	15.00	1.60	0.075	$= 14.40 \text{ m}^3$
	15x	14.00	1.50	0.075	$= 23.625 \text{ m}^3$
	15x	15.00	1.55	0.075	$= 26.156 \text{ m}^3$
(2)					174.226 m^3
					$\text{Unit} = 173.919 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	8	25.00	3.75	0.025	$= 18.75 \text{ m}^3$
					112.50 m^3
Add for extra widening on curve 1% =					1.13 m^3
					113.63 m^3
(8)	Const. of dry lean concrete				
	Sub base even prepared				
	15	00	3.00	0.10	$= 1.50 \text{ m}^3$
(9)	Const. of Paved concrete				
	plain cement concrete				
	pavement.				
	10	00	3.75	0.125	$= 46.88 \text{ m}^3$
Add for extra widening on curve 1% =					0.47 m^3
					47.349 m^3
(10)	Supply and Providing				
	NP3 300mm dia bore				
	pipe.				
	6	00	3	2.50	$= 45.00 \text{ m}$
(11)	Const. of subgrade				
	and earthen shoulder				
	with approved material				
	2	50	25.00	0.750	$\times 0.30 = 585.00 \text{ m}^2$
(2)	100	00	00	585.00	$\text{m}^2 \times 20\% = 117.00 \text{ m}^3$
(22)	100	00	00	585.00	$\text{m}^2 \times 80\% = 468.00 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12)	km	stone			
		2.00 No			
(13)	Rectangular	reflectorised			
		Traffic Signs			
		2.88 m ²			
(14)	600mm	equilateral			
		triangle			
		12 Nos			
(15)	600mm	circle			
		3.00 No			
(16)	600mm x 450mm	rectangular			
		4.00 No			
(17)	900mm	side octagon			
		2.00 Nos			
(18)	Planting of trees	by the roadside			
		60.00 each			
(19)	Providing and laying	of hot applied			
		thermo plastic BT surface			
2 x	48 No x 25.00 x 0.10				240.00 m ²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Abstract of Cost			
(1/1)		Clearing & grubbing road land.			
P/1		0.195 Hq			
		C 76926 = 08 B = 15000 = 00			
(2/3)		Const. of subgrade and earthen shoulder 1000m			
		road,			
P/4		117.00 m ³			
		C 264 = 72 B = 30972 = 00			
(3/4)		For 100m road.			
P/4		463.00 m ³			
		C 173 = 51 B = 81202 = 00			
(4/5)		Const. of 4.50 by providing well graded material			
P/1		111.21 m ³			
		C 1666 = 80 B = 185365 = 00			
(5/6)		Providing laying spreading & compacting grade-2 material			
P/2		85.32 m ³			
		C 3089 = 73 B = 263634 = 00			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/7)	Providing & laying				
	spreading & compacting				
	grade-3 material.				
P/2		173.919	m ³		
	Q 310 = 77				R = 539456 = 00
(7/8)	Providing & applying				
	prime coat (SS-1)				
P/3		2318.91642			
	Q 57 = 28				R = 132827 = 00
(8/9)	Providing & applying				
	Jack coat (RS-1)				
P/3		4545.00	m ²		
	Q 19 = 67				R = 89400 = 00
(9/10)	Providing and laying				
	semi dense bituminous.				
P/4		113.625	m ³		
	Q 11927 = 65				R = 1355279 = 00
(10/11)	Const. of dry lean				
	concrete.				
P/4		1.50	m ³		
	Q 3343 = 65				R = 5015 = 00
(11/12)	Const. of panel				
	concrete plain cement				
	concrete pavement.				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P/4		47.349	43		
	Q	754.4=59		R=	357228=
(12/13)	Supply and providing NP3300mm dia concrete pipe.				
P/4		45.004			
	Q	645=31		R=	29038=
(13/14)	1000 Stone				
P/5		2.00 No			
	Q	273.5=15		R=	5470=00
(14/15)	2000 Stone				
P/6		7.00 No			
	Q	791=06		R=	5537=00
(15/16)	Retro-reflectorised Traffic Signs.				
P/5		2.384 ²			
	Q	148.45=84		R=	42756=00
(16/17)	6000mm eq. width eq. triangle.				
P/5		12.00 Nos			
	Q	432.4=40		R=	51892=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/18)	600 mm	circular			
P/5	3.00 Nos				
	@ 4195 = 22				R = 12585 = 00
(18/19)	600 mm x 450 mm	rectangular			
P/5	4.00 Nos				
	@ 4050 = 69				R = 16202 = 00
(19/20)	900 mm	side octagon			
P/5	2.00 Nos				
	@ 8520 = 06				R = 17040 = 00
(21/22)	Providing and laying	of hot applied BT surface.			
P/5	240.00 M ²				
	@ 886 = 50				R = 212760 = 00
(21/23)	Providing and laying	of hot applied PCC			
P/6	20.00 M ²				
	@ 1014 = 49				R = 20289 = 00
(22/24)	Providing & Fixing of	typical H.N. 45 Y			
	information sign	board.			
P/6	2.00 Nos				
	@ 10702 = 35				R = 21404 = 00

Continuation

(X I)	Prime cost (SS-1) -	1.97 MT
(X II)	Tack cost (RS-1) -	1.249 MT
(X III)	Bitumen -	13.06 MT
(X IV)	E/w -	585.00 m ³
1000 24.3.25 JE		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/5'D	=	R	117618.00		
2/9.7	=	R	47042.00		
1/6.55	=	R	23524.00		
1/5.05	=	R	23524.00		
1/6.55	=	R	23524.00		
Royalty	=	R	19305.00		
S.F	=	R	31250.00		
Ded	=	R	285792.00		
Chrg	=	R	20,66,571.00		
Total	=	R	2352363.00		

Passed for Rs 2352363.00
 (Twenty three lakhs
 fifty two thousand
 three hundred sixty
 three) only.

[Signature]
 31/3/2025
 Executive Engineer
 Rural Work Department
 Works Div.-Gaya

[Signature]
 31.03.25

[Signature]
 31.3.25