Katoona 80 feet road Near Malabir Ashram to
Katoona N Dalit tola

Schedule XLV-Form No.-134

E.E R&B (W) DIVISION

A.E R&B (W) SUB-DIVISION

Bodhgaya

MEASUREMENT BOOK

3313

Ist on A/c 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 – Const. of road from Katorwa 80 Feet road more Mahabir Asthan to Katorwa M. Dalit tola.					
Agency – M/s Dynamic service & Company.					
Agt No – 26/NHMSY/NDB/23-24					
DoC – 27.2.24					
ToC – 26.12.25					
(1) Const. of reference & working Benchmark. 0.566 km					
(2) Const. of reference Pillar. 0.566 km					
(3) Clearing & grubbing road cond.					
	22	25.00	7.00		= 3850.00 M²
	1	16.00	7.00		= 112.00 M²
					3962.00 M²
		3962.00 M²	÷ 10000		= 0.40 Hect

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(4)	E/W in excavation of foundation.				
2X	2 X	6.30 X	1.40 X	1.50	= 52.92 M³
2X	1 X	5.90 X	1.50 X	0.30	= 5.32 M³
					58.244 M³
(5)	Providing Concrete for plain/reinforced Concrete in open foundation Pcc grade M-15				
2X	2 X	6.30 X	1.40 X	0.50	= 5.30 M³
(6)	Providing Concrete for plain/reinforced Concrete. Pcc grade-M-20				
2X	2 X	6.00 X	1.025 X	1.35	= 33.22 M³
2X	1 X	5.90 X	1.50 X	0.35	= 4.42 M³
					37.64 M³
(7)	Plain/reinforced Cement Concrete in substructure.				
2X	2 X	6.00 X	0.533 X	1.80	= 23.04 M³
2X	2 X	6.00 X	0.40 X	0.60	= 5.76 M³
Deduct Pipe portion					
2X	$\frac{3.14}{4}$ X	$(1.2)^2$ X	0.60	=	2.72 M³
					26.08 M³
(8)	1000 mm dia pipe.				
	2X	3 X	2.50 X		15.00 M

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	16 X	25.00 X	4.05 X	0.20	= 324.00 M³
	6 X	25.00 X	3.75 X	0.10	= 56.25 M³
	1 X	16.00 X	3.75 X	0.10	= 6.00 M³
					386.25 M³
Extra width	2% of total qty				= 7.734 M³
					393.984 M³
(13)	Providing, laying spreading and compacting grade-3 material.				
	22 X	25.00 X	3.75 X	0.075	= 154.687 M³
	1 X	16.00 X	3.75 X	0.075	= 4.50 M³
					159.187 M³
Extra width	2% of total qty				= 3.180 M³
					162.367 M³

Above 706/24 JE

Above JE 68/16/24

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Abstract of Cost			
(1|1)	Const. of reference & working Benchmark.				
P|1		0.566km			
	@	6338=46			Rs = 3588=00
(2|2)	Const. of reference Pillar/Bus Tool				
P|1		0.566km			
	@	4781=41			Rs = 2706=00
(3|3)	Clearing and grubbing road land.				
P|1		0.40Hect			
	@	75573=34			Rs = 30229=00
(4|4)	100m Lead.				
P|3		249.764 m³			
	@	259=60			Rs = 64838=00
(5|5)	1000m Lead.				
P|3		999.044 m³			
	@	263=14			Rs = 262887=00
(6|6)	Const. of Subgrade and earthen Shoulder.				
P|3		988.004 m³			
	@	263=14			Rs = 259982=00
(7|7)	Const. of Culv by providing wall guard material.				

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
P/4		39	3.98 M³		
	@ 2038=95			Rs=	803306=00
(8/8)	Providing, laying spreading & Compacting grade-3 material.				
P/4		163.367 M³			
	@ 3146=81			Rs=	510948=00
(9/26)	E/W in excavation for structure.				
P/1		58.244 M³			
	@ 398=62			Rs=	23216=00
(10/27)	Providing Concrete PCC M-15				
P/2		5.306 M³			
	@ 5879=44			Rs=	31161=00
(11/28)	Providing Concrete for plain/reinforced PCC M-20				
P/2		37.644 M³			
	@ 6448=03			Rs=	242704=00
(12/29)	Plain/reinforced PCC grade M-20				
P/2		26.084 M³			
	@ 6750=49			Rs=	176053=00
(13/30)	1000 mm dia pipe.				
P/2		15.00 M			
	@ 3891=94			Rs=	58229=00

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(14/31)	Laying cement concrete				
	pipe NP3.				
P/2		20.00 m			
	@	842=83			Rs = 16857=00
				Rs =	2486704=00
Add 18 % GST				Rs =	447606=00
Add 1 % Less S.F (+)				Rs =	24867=00
				Rs =	60000=00
				Rs =	3019177=00
Below 0.09 % (-)				Rs =	2717=00
				Rs =	3016460=00

Material statement

(i) C/W - 1987.044^3

(ii) S/metal - 403.434^3

(iii) S/dust - 100.854^3

(iv) S/metal - 196.464^3

(v) S/dust - 47.084^3

(vi) S/chips - 62.114^3

(vii) Sand - 31.054^3