

Road Nam e - NH-30 A at Navichak
MR-3054 (2018)

Schedule XLV-Form No. 134

Agency - Prem Kumar Singh.

DIVISION

DAHITYA WA

SUB-DIVISION

MB No - 7525

Measurement Book

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Name of Work: - Repair & Five years
Maintenance of Road
from Pkls. No. MK-N/22.23
Patna/06 from NH 30A to
Nabhihak under 3054 MK

Agency - From Kumar Sinda S/O Ram
Shankar Prasad, Vill - Maheshpur,
P.O. - Madhupur, P.S. - Chandi
Dist. - Nalanda.

Agreement no. 17/1100/2022-23
Rate Approved - 13.94 % Below.
Date of Commencement - 16/11/2022
Date of Completion - 15/09/2023.
Date of measurement - 20/03/2023.

Work done
Item ① Clearing & grubbing
road land - do - etc.
 $2 \times 10 \times 30.00 + 1.125 = 675.00 \text{ m}^2$
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Continuation 90 4050.00 m²

PTO

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	11050.00 m ²
2 km ① contd (clearing & grading)					
	2 × 10 × 30.00			× 1.125 =	675.00 "
	2 × 10 × 30.00			× 1.125 =	675.00 "
					5,400.00 m ²
	∴ Net = 5400.00 m ² / 10,000 = 0.540 Net.				

Item ② Construction of sub-grade & earthen shoulder lead up to 1000.00 - do - etc

B.T.	-	2	×	10	×	30.00	×	1.125	×	0.300	=	202.50 m
Portion		2	×	10	×	30.00	×	1.125	×	0.300	=	902.50 "
		2	×	10	×	30.00	×	1.125	×	0.300	=	902.50 "
		2	×	10	×	30.00	×	1.125	×	0.300	=	902.50 "

	$2 \times 10 \times 30.00 \times 1.195 \times 0.300 =$	202.50 "
	$2 \times 10 \times 30.00 \times 1.195 \times 0.300 =$	202.50 "
	$2 \times 7 \times 30.00 \times 1.195 \times 0.300 =$	141.75 "
	$2 \times 1 \times 10.00 \times 1.195 \times 0.300 =$	6.75 "
P.L.C.	$2 \times 6 \times 30.00 \times 0.50 \times 0.300 =$	54.00 "
Postion	$2 \times 1 \times 9.80 \times 0.50 \times 0.300 =$	2.94 "
		1420.44 m ³

Item ③	Construction of GSB	
	by Popv. wall graded	
	material gr. II. do. etc.	
Part measurement	$7 \times 5.20 \times 1.32$	$= 48.05 \text{ m}^3$
	$4 \times 4.80 \times 1.96$	$= 24.19 \text{ m}^3$
	$5 \times 4.68 \times 1.42$	$= 33.23 \text{ m}^3$
	$8 \times 4.10 \times 1.06$	$= 34.77 \text{ m}^3$
	$3 \times 5.90 \times 1.32$	$= 23.36 \text{ m}^3$

Continuation of 163.60m²

P.T.O.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				187.5	262776.00
2500 (3) Contd (558 (r. D))				RE-	239592.00
124.215 m ² side T.M.B. Page (3)					
alt 214.5 = 29/m				12	292902.00
(4) Prov. Supply & spreading					
2.00 m ² side T.M.B. Page					
- negative of specific surface					
to 100 m ² T.M.B. Page					
124.215 m ² side T.M.B. Page (4)					
alt 4187.66/m ²				12	502612.00
(5) Prov. Supply & spreading					
2.00 m ² side T.M.B. Page					
- negative of specific surface					
to 100 m ² T.M.B. Page					
587.454 m ² side T.M.B. Page (3)					
Limit to 573.20625 m ²					
alt 4578.25/m ²				12	252944.00
(6) Prov. Supply & spreading					
2.00 m ² side T.M.B. Page					
Cost with bitumen and					
Asphalt (55%) - do - etc					
7832.725 m ² side T.M.B. Page (7)					
Limit to 7656.75 m ²					
alt 55.91/m ²				12	427753.00
(7) Prov. Supply & spreading					
Cost - do - etc					
7832.725 m ² side T.M.B. Page (7)					
Limit to 7656.75 m ²					
alt 18.96/m ²				12	144824.00
Continuation					
alt 4410.736/m ²					
448053.20					

PTD

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13 11315364
(2) Pav. Laying in place					4850532
with 100-120 TPH hot					
mix plant - do - etc.					
7232.75 m ³ wide TMB page (2)					
Limit to 7650.75 m ³					
ele 15 = 75/m ³					12 120499200
(4) Pav. Laying B.M.					
with 100-120 TPH hot					
mix plant - do - etc.					
391.676 m ³ wide TMB page (2)					
Limit to 392.537 m ³					
ele 9662 = 29/m ³					13 362236300
(12) Pav. Laying 500					
with 100-120 TPH batch					
type MP - do - etc.					
195.92 m ³ wide TMB page (7)					
Limit to 196.873 m ³					
ele 12024 = 96/m ³					12 230006000
(11) Construction & un-					
reinforced R.C.C.					
basement thickness as					
per design m. 309 x 20					
do - do - etc.					
70.458 m ³ wide TMB page (10)					
ele 6960 = 59/m ³					12 493910000
					13 1094556300

Continuation

11315364 =

P.T.O.

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
24m (14) contd (R.R. 897)				11450875
600 x 450 mm rectangular				
4.00 nos. vide TM B page (11)				
at 5085 = 54 / each - 12				20342 = 00
900 mm side octagon				
1.00 nos. vide TM B page (11)				
at 9382 = 12 / each - 12				9382 = 00
(15) R.L.C. m-15 boundary				
billot - - do - - etc.				
20.00 nos. vide TM B page (11)				
at 568 = 96 / each - 12				11247 = 00
(16) Printing new letters & figures - - do - - etc.				
88.00 feet vide TM B page (11)				
at 0 = 59 / feet - 12				52 = 00
(17) Printing new letters & figures - - do - - etc.				
For Laying Road				
marking of hot applied thermoplastic compound				
- - do - - do - - do - - etc.				
422.00 m ² vide TM B page (12)				
at 777 = 04 / m ² - 12				327911 = 00
At edge for new L.P. / do portion				
37.96 m ² vide TM B page (12)				
at 807 = 99 / m ² - 12				30665 = 00

Continuation

4108 11480681 = 00

11850477

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					11,80,621=00
(18) Pavers fixing of typical M.M.S.Y. interlocking bricks with logo - etc.					11850437
3.00 nos. vide T.M.B. (12)					
at 10,000=00/sack					30000=00
(19) Painting on two coats including primer with synthetic enamel paint etc do do etc					
37.76 m ² vide T.M.B. page (13)					
at 110=00/m ²					4176=00
(20) Plastering with L.M. (1:4) on substructure etc do do etc					
37.76 m ² vide T.M.B. page (13)					
at 167=63/m ²					6330=00
(21) Brick masonry work in L.M. 1:3 in parapet etc do do etc					
5.376 m ³ vide T.M.B. page (12)					
at 619=37/m ³					33317=00
					11934500=
					1311554504=00
Add GST 12% (+)					1386540=00
Add L.C.E.S.S 1% (+)					115545=00
Add Leasing charges T.M.B. (15)					162185500
					1321877400

Continuation

P.T.O.

1st	on	HIC	B	1
memo	of	payment	→	11376077=
S.D-S/c			→	568804=
gr-1/c			→	113761=
L.C-1/c			→	113761=
S.HST-1/c			→	113761=
C.HST-1/c			→	113761=
Roy			→	46996=
Roy (M)			→	46995=
SF			→	3210362=
By chs			→	321000=
				162185=
				9822012=
				9822048=
				11376077=
Paid for PG:-				11376077= one
Coor- three				as every six months
every seven				ch
13/23				

Executive Engineer
Rural Work Department
Work Division, Patna

23/12

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					Area 124521000
Item (5) Contd. (over)					
587.454 m ² side TMB Page (1)					
at 4518 = 85/m ³ —					426 5461700
(6) Prov. supplying primer					
coat with bitumen emul-					
- sion (55%) — do — etc					
7832.725 m ² side TMB Page (7)					
at 55 = 91/m ² —					4 3792800
(7) Prov. supplying tack					
coat — do — do — etc					
7832.725 m ² side TMB Page (7)					
at 12 = 901/m ² —					14327300
(8) Prov. supplying tack					
coat with bitumen emul-					
- sion (55%) — do — etc					
7832.725 m ² side TMB Page (8)					
at 15 = 75/m ² —					12336500
(9) Prov. supplying B. m.					
with 100-120 TPH batch					
type xmp — do — etc					
391.636 m ² side TMB Page (9)					
at 9463 = 29/m ³ —					370616500
(10) Prov. supplying s.o. g.c.					
with 100-120 TPH batch					
type xmp — do — etc					
					403 831555800

Continuation

PTO

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9 km (10) Cold (1) (1)				13.1 km 22	15558.00
195.22 m side TMB page (1)					
at 12024.96/m ³ — 12					22547.28 = 0
(11) Construction & un-					
reinforced R.C.C. para-					
ment thickness as per					
design m. 30984/2					
— do — do — etc					
70.958 m ³ side TMB page (17)					
at 1960.59/m ³ — 12					493910.00
(12) R.C.C. 15 grade					
km. stone — do — etc					
(1) km. stone					
4.00 m side TMB page (18)					
at 2606.60/cach — 12					10426.00
(11) 200 m stone					
9.00 m side TMB page (18)					
at 736.25/cach — 12					6626.00
(13) Prov. & erecting direc-					
tion & place of identi-					
- cation sign — do — etc					
1.92 m ² side TMB page (18)					
at 13146.50/m ² — 12					25241.00
(14) Prov. & fixing of the re-					
flectrized cautioning.					
— do — do — etc					
at 11206489 = 0					

Continuation

PTO