

मिनी डो हेरुमि (MR)

M.B No - 7571

Schedule XLV-Form No. 134

उत्तमगति

Executive Engineer, R.W.D. Works **DIVISION**

Bakhtiyarpur **SUB-DIVISION**

M.B No - 7571

MEASUREMENT BOOK

Certified that this M.B
Contains 100 (one hundred)
nos of machine Pages for
issued to Sri Subhash Kumar,
A.C. R.W.D. Work Division
Bakhtiyarpur

16/5/23
Executive Engineer
Rural Work Department
Work Division, Patna

This MB Release to Sri
J.P. Singh J.P. Bakhtiyarpur

17/5/23
A.C.

Sch. XLV-Form No. 134

Executive Engineer, R.W.D. DIVISION

Bakhtiyarpur SUB-DIVISION

Measurement Book

No. 7571

Name of officer _____

Date of first entry _____

Date of last entry _____

asis
ent:
| 9 | previous 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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st on the Bill					
Name of work	Repair & five year maintenance of Road from Missi to Gernari under 3054 MR				
Package No.	MR-N/22-23 P/09/11				
Agency	P & L putra 2019 construction Pvt. LTD; Sharda Niwas Gola Road, Baily Road, Patna				
Agreement no.	22/03/22-23				

Rate approved - 0.11 % below.
 Date of commencement - 15/3/23
 Date of completion - 14/10/23.
 Date of measurement - 28/07/23.

Work done					
Item ① Dressing & leveling road & drainage etc.					
2	x 10	x 30.00	x 1.125	=	675.00 m ²
2	x 10	x 30.00	x 1.125	=	675.00 "
2	x 10	x 30.00	x 1.125	=	675.00 "
2	x 10	x 30.00	x 1.125	=	675.00 "
2	x 10	x 30.00	x 1.125	=	675.00 "
2	x 10	x 30.00	x 1.125	=	675.00 "

Continuation

C/D = 4050.00 m²

PTD

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Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1)	Clearing & grubbing road land - do - etc.				
0.506 Hect. vide Tm 138 (17)					
els 71279 = 82 / Hect - ls					36068 = 00
(2)	Construction of embankment with approved material from borrow pits with a lead upto 1000 m - do - do - do - etc.				
1457.28 m ³ vide Tm 138 Page (17)					
els 250 = 95 / m ³ - ls					3 65704 = 00
(3)	Construction of sub-grade weather show - do - do - etc.				
1353.375 m ³ vide Tm 138 Page (17)					
els 252 = 11 / m ³ - ls					3 41199 = 00
(4)	Dismantling of concrete concrete pavement etc.				
315.00 m ³ vide Tm 138 Page (17)					
els 1626 = 54 / m ³ - ls					5 12360 = 00
(5)	Construction of cross by Prov. Well graded material gr. ① - do - etc.				
276.187 m ³ vide Tm 138 Page (17)					
els 2188 = 84 / m ³ - ls					6 04529 = 00
					els 18 57860 = 00

Continuation

PTD

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				13.513 18	59,860.00
(6) Prov. laying, spreading & compacting stone aggregate of specific sizes to W.B.M. Gr. II - do - etc.					
51.71 m ³ vide T.M. Page (18)					
				13.4784 = 43/m ³	13.47403 = 00
(7) Prov. laying, spreading & compacting stone aggregate of specific sizes to W.B.M. Gr. II - do - etc. (By manual)					
82.030 m ³ vide T.M. Page (18)					
				13.4662 = 49/m ³	13.382501 = 00
(8) Prov. laying, spreading & compacting stone aggregate of specific sizes to W.B.M. Gr. II - do - etc. (By Mechanical)					
149.133 m ³ vide T.M. Page (18)					
				13.4383 = 79/m ³	13.653768 = 00
(9) Prov. & applying primer coat with bitumen emulsion (5% 1) - do - etc.					
3082.28 m ² vide T.M. Page (18)					
				13.55 = 38/m ²	13.172238 = 00
				13.3315770 = 00	

Continuation

P.T.O.

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					Bills 33, 15770 = 00
(10)	Prov. laying & rolling				
	of close graded material				
	surfacing material 720				
	mm. thick - do - do etc.				
3082.28 m ² vide TMB page (19)					
at Rs 47/m ² — Rs					738114 = 00
(11)	Prov. & applying tack				
	coat with bitumen emul.				
	- 8100 (Rs-1) - do - etc.				
5040.91 m ² vide TMB page (19)					
at Rs 18.92/m ² — Rs					95361 = 00
(12)	Prov. & applying tack				
	coat with bitumen emul.				
	- 8100 (Rs-1) - do - etc.				
8591.80 m ² vide TMB page (19)					
at Rs 15.78/m ² — Rs					134474 = 00
(13)	Prov. & laying SDBC				
	with 100-120 TPH batch				
	type HMF - do - etc.				
213.045 m ³ vide TMB page (19)					
at Rs 12.075 = 33/m ³ — Rs					2572589 = 00
(14) (ii)	R.C.C. m. 15 grade				
	km. stone - do - etc.				
4.00 m ³ vide TMB page (19)					
at Rs 2885.77/each — Rs					11303 = 00
					Rs 68 67611 = 00

Continuation

PTD

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B.Rs 68	67611=00
(14) (iii)	R.L.C m. 15 grade				
	200 M. Stone slab - etc.				
9.00 nos	vide T.M. Page (20)				
	Rs 796=08/each - Rs				7165=00
(15)	Direction & Placement				
	ification high more				
	than 0.95 m. - do - etc.				
1.92 m ²	vide T.M. Page (20)				
	Rs 1393=28/m ² - Rs				26752=00
(16)	Prov. & fixing of retro				
	reflectised Cautionary,				

	mandatory & Informatory				
	sign - do - do - etc.				
(i)	600 mm sq. & triangle				
30.00 nos	vide T.M. Page (20)				
	Rs 4172=26/each - Rs				125168=00
(ii)	600 mm Circular				
6.00 nos	vide T.M. Page (20)				
	Rs 5599=84/each - Rs				33599=00
(iii)	600 x 450 mm rectangular				
8.00 nos	vide T.M. Page (20)				
	Rs 5452=71/each - Rs				43630=00
(iv)	900 mm side octagon				
3.00 nos	vide T.M. Page (20)				
	Rs 9972=53/each - Rs				29918=00
				Rs 71,33843=00	

Continuation

PTO

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				BF ls 71	33843=00
(17)	R.C.C.M-15 grade				
	Boundary pillar-do-etc.				
30.00 nos.	vide TM B page (20)				
	elx 648 = 71/each — ls				19461=00
(18)	Printing new letters &				
	Figures--do--do--etc.				
220.00 nos.	vide TM B page (21)				
	elx 0 = 71/each — ls				155=00
(19)	Planting of trees by the				
	road side--do--etc.				
222.00 nos.	vide TM B page (25)				
	elx 1231 = 60/each — ls				273415=00
(20)	Proc. & laying of hot applied				
	thermo plastic compound				
	--do--do--do--etc.				
468.00 m ²	vide TM B page (20)				
	elx 891 = 26/m ² — ls				384350=00
(21)	Proc. & fixing of typical				
	m/m 654 in form of 1/18 in				
	board with "lego"--do-etc.				
3.00 nos.	vide TM B page (21)				
	elx 11008 = 75/each — ls				33026=00
(22)	E/W incineration for				
	load structure do-etc.				
59.60 m ³	vide TM B page (21)				
	elx 376 = 03/m ³ — ls				22411=00
Continuation					elx 736666T=00

PTD

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				13 Fl 78	66661=00
(23)	Prov. P.C.C. m. 15 as				
	Leveling course in foundation - do - do - etc.				
9.90 m ³	vide Tm 13 Page (22)				
@ 6692 = 22 / m ³				Rs	61568=00
(24)	Prov. P.C.C. m. 90 in				
	Sub structure - do - etc.				
61.58 m ³	vide Tm 13 Page (22)				
@ 7172 = 98 / m ³				Rs	44,712=00
(25)	Painting two coats in -				
	- including primer coat after filling the sur-				
	- face with synthetic em-				
	- mel paint - do - do - etc.				
105.60 m ²	vide Tm 13 Page (22)				
@ 125 = 35 / m ²				Rs	13290=00
(26)	Prov. Laying R.L.C.				
	pipe N/A 1000 mm dia				
	For Culvert - do - etc.				
15.00 Rm	vide Tm 13 Page (22)				
@ 7052 = 87 / Rm				Rs	105,793=00
(27)	Plastering with c.m (1:4)				
	in sub structure - do - etc.				
64.32 m ²	vide Tm 13 Page (22)				
@ 184 = 76 / m ²				Rs	11,884=00
				Rs	85,00,908=00

Continuation

PTD

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					Rs 500725.00
(28) Brick masonry work					
in c.m (1:3) in parapet					
--- do --- do --- etc.					
9.21 m ³ in de T m ³ page (23)					
cl 644 = 63/m ³ — Rs 59327.00					
(29) Gov. U. laying of					
R.C.C. pipe duct 9.00					
mm dia across the road					
--- do --- do --- etc.					
50.00 Rm in de T m ³ page (23)					
cl 963 = 25/Rm — Rs 48162.00					
					Rs 8608337.00

Add 18% GST (+) Rs 1549511.00				
Add 1% L.C.E.S (+) Rs 86083.00				
Add Siginiorage				
as per agreement (+) Rs 75840.00				
				Rs 10319832.00
Less 0.11% below				
as per agreement (-) Rs 11352.00				
				Rs 10308480.00
Dequet previous payment				
in de T m ³ page (24) Rs 9983475.00				
work has been complete Rs 325005.00				
as per ipa. & dir. of EP.				

27/08/23

Subhash

J.E. Continuation

23/8/23
at