

MR- 3500/05 10/09/2023 341 01/04/07 REO 01/05 23

Schedule XLV-Form No. 134

4/20/24 21/01/08 402 10/04/14 03/01/

21/04/05 03/01/01. 34274 05/06/29-21/07)

Agreement- MD-40/MBD/23-24

DIVISION

(4025 05/06/21/2)

C- Cost-

M- Cost-

+

SUB-DIVISION

Date of Start- 11/09/23

Date of completion- 10/06/24

MB NO-2945

MEASUREMENT BOOK

ਸਰਕਾਰੀ ਕੰਮਾਂ ਲਈ ਜਾਂਦਾ ਹੈ ਇਹ 30 ਮਾਸੀ
ਪੁਰਾ ਮੇਂ ਕੁਲ 100 (ਅੱਠ ਸੌ) ਪੁਰਾ 4 ਮਾਸੀ
ਪੁਰਾ ਪੁਰਾ ਕੰਮ ਹੈ ਜੀ ਪੁਰਾ 4 ਮਾਸੀ
ਕੁਲ ਅੱਠ ਪੁਰਾ 4 ਮਾਸੀ 12 ਏ ਕਾਮ
ਏ ਕੰਮ ਕੰਮ ਕੰਮ ਕੰਮ


11/09/23
Executive Engineer
RWD Work Division
Araria

11/9/23

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 2945

Name of officer

Date of first entry

Date of last entry

Scl

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:- Uda Baisee Reo Mallu Chowk to Masjid Jala.					
Name of Agency:- Abhay Construction					
Date of starting:- 11/09/2023					
Date of completion:- 10/06/2024					
Agreement No:- 40/MAD/2023-2024					

Record Entry

1/ Clearing and grubbing road
Road - - to do - E/L

2 X 5 X 30.00 X 1.05 =	315 m ²
2 X 6 X 30.00 X 1.50 =	540 m ²
2 X 4 X 30.00 X 1.05 =	252 m ²
2 X 3 X 30.00 X 1.25 =	225 m ²
2 X 2 X 30.00 X 1.20 =	144 m ²
	1227.00
	1476 m ²
	10000
	= 0.1476 m ²

2/3 Providing laying, spreading
and compacting stone aggregate
of specific size - (WBM)

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	4 X	3.18 X	1.98 X	0.075 =	1.89 m ³
	5 X	4.80 X	1.90 X	0.075 =	3.92 m ³
	2 X	3.01 X	1.65 X	0.075 =	0.79 m ³
	8 X	2.05 X	1.75 X	0.075 =	2.15 m ³
	7 X	3.05 X	1.85 X	0.075 =	2.96 m ³
	8 X	4.80 X	1.95 X	0.075 =	5.62 m ³
	3 X	3.50 X	1.90 X	0.075 =	1.50 m ³
	4 X	2.70 X	1.05 X	0.075 =	0.85 m ³
	3 X	2.95 X	1.65 X	0.075 =	1.09 m ³
	4 X	1.65 X	1.90 X	0.075 =	0.95 m ³
					21.17 m ³

3/4 Providing and applying
Primer coat with Bitumen

emulsion on prepared

to do - - 1/2

4 X	3.18 X	1.98	=	25.18 m ²
5 X	4.80 X	1.90	=	45.60 m ²
2 X	3.01 X	1.65	=	9.98 m ²
8 X	2.05 X	1.75	=	28.70 m ²
7 X	3.05 X	1.85	=	39.99 m ²
8 X	4.80 X	1.95	=	74.88 m ²
3 X	3.50 X	1.90	=	19.95 m ²
4 X	2.70 X	1.05	=	11.34 m ²
3 X	2.95 X	1.65	=	14.60 m ²
4 X	1.65 X	1.90	=	12.54 m ²
				282.21 m ²

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
5/5 Providing and applying tack coat with Bitumen emulsion - to do - E/L					
Quantity same as Item No (3) = 282.21 m ²					
5/6 Providing and applying laying and rolling of close-graded - (Mix Seal Surfacing) - to do - E/L					
Quantity same as Item No (3) = 282.21 m ²					

5/7 Providing and applying tack coat with Bitumen emulsion (Rs-1) using - - to do - E/L					
1 x 30 x $\frac{4.00 + 3.60 + 3.85}{3}$ = 114.50 m ²					
3 x 30 x 3.75 = 337.50 m ²					
1 x 6 x 3.75 = 22.50 m ²					
1 x 24 x $\frac{4.30 + 4.00 + 3.75}{3}$ = 96.40 m ²					
11 x 30 x 3.75 = 1237.50 m ²					
1 x 30 x $\frac{3.75 + 4.30 + 3.80}{3}$ = 118.50 m ²					
1 x 30 x 3.75 = 112.50 m ²					
1 x 30 x $\frac{3.15 + 3.30 + 3.55}{3}$ = 100 m ²					
1 x 30 x $\frac{3.55 + 3.40 + 3.55}{3}$ = 100.00 m ²					
					2244.40 m ²

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
7/	Providing and laying				
	Semi dense bituminous				
	Concrete to ab E/L				
	1 X 30 X	$\frac{4.00 + 3.60 + 3.85}{3}$			
				$\times 0.025 =$	2.86 m ³
	3 X 30 X	3.75 X	0.025	=	8.44 m ³
	1 X 6 X	3.75 X	0.025	=	0.56 m ³
	1 X 24 X	$\frac{4.30 + 4.00 + 3.75}{3}$		$\times 0.025 =$	2.41 m ³
	11 X 30 X	3.75 X	0.025	=	30.93 m ³
	1 X 30 X	$\frac{3.75 + 4.30 + 3.80}{3}$		$\times 0.025 =$	2.96 m ³
	1 X 30 X	$\frac{3.75 + 4.30 + 3.80}{3}$		$\times 0.025 =$	2.81 m ³
	1 X 30 X	$\frac{3.15 + 3.30 + 3.55}{3}$		$\times 0.025 =$	2.50 m ³
	1 X 30 X	$\frac{3.55 + 3.40 + 3.55}{3}$		$\times 0.025 =$	2.62 m ³
					56.09 m ³
8/2	Construction of subgrade				
	and earthen shoulder				
	with approved material				
	- - - to do - - - E/L				
	2 X 5 X 30.00 X	$\frac{1.15 + 1.10}{2}$		$\times 0.40 =$	135.00 m ³
	2 X 6 X 30 X	$\frac{1.10 + 1.20}{2}$		$\times 0.35 =$	144.90 m ³
	2 X 4 X 30 X	$\frac{1.15 + 1.20}{2}$		$\times 0.30 =$	84.60 m ³
	2 X 3 X 30 X	$\frac{1.15 + 1.25}{2}$		$\times 0.40 =$	86.40 m ³
	2 X 2 X 30 X	$\frac{1.15 + 1.20}{2}$		$\times 0.40 =$	56.40 m ³
					507.30 m ³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
9	Reinforced cement concrete -				
	M/S grade. kilometre local				
	Stone - to do -				$E/L = 2 \text{ Nos.}$
10	200M Stone - to do etc =				3 Nos
11	Providing and fixing of				
	retro-reflectors. -				
	600mm equilateral				
	triangle to do etc =				1 Nos
12	600mm circular to do etc =				1 Nos

13	600mm X 450mm rectangular =				1 Nos
14	Planting of tree by				
	road side - - etc				
	Quantity =				43 Nos
15	Half Brick circular				
	tree guard in second				
	class bricks - to do etc				
	Quantity =				43 Nos

Continuation

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Abstract of work

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of Work - Uda Baisee Rao					
Mally Chowk to Masjid Tola					
Name of Agency - Abhyas Construction					
Agreement No - 40/MBD/2023-2024					
Date of Starting - 11/07/2023					
Date of Completion - 10/06/2024					
1/ Clearing and grubbing road from to do ch					
Qty vide TMB Pg No (61)					
2/ Providing laying, spreading and compacting to do ch					
Qty vide TMB Pg No (2)					
$21.17m^3 @ 6415.36/m^3 = 135813.00$					
3/ Providing and applying Primer coat with Bitumen emulsion (CS-2) to do ch					
Qty vide TMB Pg No (2)					
$282.21m^2 @ 61.170/m^2 = 17263.00$					

Continuation

163797

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4/	Providing and applying tack coat with bitumen emulsion - to do E/L				
	Qty vide TMB Pg No - (3)				
	282.21 m ² @ 20.97/m ² = 5918.00				
5/	Providing, laying and rolling of close graded - - - to do - E/L				
	Qty vide TMB Pg No - (3)				
	282.21 m ² @ 304.00/m ² = 85791.00				
6/	Providing and applying tack coat with emulsion - - - to do - E/L				
	Qty vide TMB Pg No - (3)				
	2244.40 m ² @ 17.81/m ² = 39972.00				
7/	Providing & laying Semi dense Bitumen - to do E/L				
	Qty vide TMB Pg No - (4)				
	56.09 m ³ @ 15239.34/m ³ = 854499.00				
8/2	Construction of Subgrade and earthen shoulder with approved Material - - - to do - E/L				
	Qty vide TMB Pg No (64)				

Continuation

1749972

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					507.30 m ² @ 250.8 / m ² = 127256.00 ✓
9/					Km Stone to do completed
					Qty vide TMB Pg No (5)
					2 Nos @ 3271.86 / Nos = 6544.00 ✓
10/					200 m Stone to do 4/4
					Qty vide TMB Pg No (5)
					3 Nos @ 878.13 / Nos = 2634.00 ✓
11/					600 mm equilateral triangle
					Qty vide TMB Pg No (5)
					1 Nos @ 7578.00 / Nos = 7578.00 ✓
12/					600 mm circular -
					- to do completed
					Qty vide TMB Pg No (5)
					1 Nos @ 4467.58 / Nos = 4467.00 ✓
13/					600 mm x 950 mm rectangular
					- to do completed
					Qty vide TMB Pg No (5)
					1 Nos @ 4323.85 / Nos = 4324.00 ✓
14/					Planting of tree by
					road side - to do completed
					Qty vide TMB Pg No (5)
					43 Nos @ 1186.56 / Nos = 51022.00 ✓

Continuation

1350767

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
15/	Half Bricks circular				
	tree guard to be completed				
	Qty vide TMB Pg No (5)				
	43 Nos @ 1995.93/No =				85805.00
16/	Providing and laying				
	of hot applied				
	thermo plastic compound				
	For BT Paction to be				
	completed				
	Qty vide TMB Pg No (6)				
	120m ² @ 626.26/m ² =				75151.00
17/	Providing and fixing				
	of TYPICAL MOUNT				
	Informatory Sign				
	"Logo Board" =				
	Qty vide TMB Pg No (6)				
	3 Nos 13163.00/No =				39489.00
18/	Maintenance Board -				
	- to be Completed.				
	Qty vide TMB Pg No (6)				
	1 Nos 13163.02/No =				13163.00
					1564375.00
	Add G.S.T @ 18%, (+)				281587.00
	Add Labour @ 17%, (+)				15643.00
	Add Scaffolding free				13852.00
	Net Payment =				1875457.00
	Continuation				181545.00
	Net Payment =				1687912.00

DMD

Sd/-

16/05/24

Chunavara
10/04/24
5/6BPR
11/4/24
m

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Sch.XLV-Form No. 134

Sch. XLV-Form No. 154					
Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Material taken out</u>					
<u> </u>					

Continuation

BTC FORM - 35

[See Rule 260]

Running Account Bill 'A'

(For Contractors : This form provides for advance payment as well as payments for measured work)

Major Head	Treasury Code
Sub Major Head	DDO Code
Minor Head	Bank Code
Sub Head	Bill Code

Cash Book Voucher no. —

Name of Contractor — *Abhay Construction*

Name of work — *nda Baisee Peo Maller chow to Masjidola*

Serial no. of the Bill —

No. and date of his previous bill for this work —

Reference to Agreement — *40/MBD/* of *2023-24* 20.....

Date of written order to commence work — *11/09/2023*

Date of actual completion of work — *10/06/2024*

I—Account of work executed.

Advance Payments for work not yet Measured			Items of work (grouped under "sub-heads" and "sub-works" of estimates).	Unit	Rate		Quantity executed up to date as per measurement book.	Payment on the basis of actual measurements		Remarks (with reasons for delay in adjusting payments shown in column 1)
Total as per previous bill	Since previous bill	Total up to date						Up to date	Since previous bill	
1	2	3	4	5	6	7	8	9	10	
Rs.	Rs.	Rs.			Rs. P		Rs. P	Rs. P		
1/	clearing and grubbing road			1/2	72639.95	0.14%	10721.00			
2/	Providing, laying, spreading and compacting			33	645.26	2/117	135813.00			
3/	Providing and applying Primer coat			m ²	61.17	282.21	17263.00			
4/	Providing and applying face coat			m ²	20.91	282.21	5918.00			
5/	Providing, laying and rolling			32	304.00	282.21	85791.00			
6/	Providing and applying face coat			m ²	17.81	2244.40	39972.00			
7/	Providing and laying semi-dense			33	15234.34	56.09	85499.00			

- * Where there is an entry in column 9 on the basis of actual measurement, the whole of the amount previously paid without detailed measurement should be adjusted by minus entry in column 2 equivalent to the amount shown in column 1, so that "Total up to date" in column 3 may become 'Nil'.
- ** When there are two or more entries in column 9 relating to each sub-head of estimate they should, in the case of work the accounts of which are kept by sub-head, be totaled and total recorded in column 10 for posting in the works abstract.

Advance Payments for work not yet Measured			Items of work (grouped under "sub-heads" and "sub-works" of estimates).	Unit	Rate		Quantity executed up to date as per measurement book.	Payment on the basis of actual measurements				Remarks (with reasons for delay in adjusting payments shown in column 1)
Total as per previous bill	Since previous bill.	Total up to date						Up to date		Since previous bill.		
1	2	3		4	5	6	7	8	9	10		
Rs.	Rs.	Rs.			Rs.	P	Rs.	P	Rs.	P		
8/	Construction of subgrade and earthen			m ²	950.85		507.30		12728.14			
9/	K4 stone			Nos	327/1.86		2		6544.00			
10/	200mm stone			Nos	878.13		3		2634.00			
11/	600mm equilateral triangle			Nos	4538.85		1		4538.14			
12/	600mm circular			Nos	4467.58		1		4467.00			
13/	600mm X 450mm rectangular			Nos	4323.15		1		4324.14			
14/	Planting of trees by road			Nos	1186.58		43		51022.00			
15/	Half brick circular			Nos	1995.97		43		85805.14			
16/	Providing and laying of hot applied			m ²	626.26		120		75151.00			
17/	Providing and fixing of type			Nos	13163.14		3		39489.14			
18/	Maintenance board			Nos	13163.14		1		13163.14			
							=		158437.14			
Add G.S.T @ 18%							(+)		28158.71			
Add labour @ 1%							(+)		1584.37			
Add insurance							(+)		1385.21			
							=		187545.43			
A Below 10%							(-)		18754.54			
Net Payment									168790.89			

