

Schedule XLV-Form No. 134

Lakhsarai Pachna path se Neri path tak

Lakhsarai

DIVISION

Lakhsarai

SUB-DIVISION

Agency- Srs Rajesh Kumar

Agreement no 26 NBD / 2023-24

M.O.B. 842

MEASUREMENT BOOK

Date of work starts 5 Sept. 2023

Date of Completion 4 Jan- 2024

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.	
1) Name of Work - Construction of the					
from Labh Sarai Pachne Path to					
Nani Path take under 3054 MK NH					
2) Agency - Sri Rajesh Kumar					
3) Agreement No. - 26 MKD/2023-24					
4) Date of Work starts - 5.9.2023					
5) Date of Completion - 4.6.2024					
6) Rate - 207/- below					
Date of Entry 25.3.2024					
1) PW and for survey in format					

Sign Board with logo etc.					
2000					
2) PW clearing and grubbing					
of road land etc. - 2000					
$2 \times 20 \times 30 \times 1.152$					1380M ³
0.128 Hect					
3) PW Construction of sub grade					
and earthen shoulder etc. 14					
$2 \times 20 \times 30 \times \frac{1.00 + 1.10}{2} \times \frac{0.60 + 0.80}{2}$					
$= 882.00 \text{ M}^3$					
4) PW E/W Excavation at 100					
etc. - 2000					

Continuation

$$2 \times 3.900 \times 1.15 \times 1.500 = 13.455$$

$$2 \times 13.455 = 26.91 \text{ M}^3$$

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
PN P/e M 15 m levelled					
Course etc... do... T/S					
$2 \times 3.900 \times 1.15 \times 0.15 = 1.345 \text{ m}^3$					
No cubits		$2 \times 1.345 =$	2.69 m^3		
PN B/W in em (1; M) w					
Head wall etc... do... T/S					
$2 \times 3.8 \times 1.15 \times 0.85 = 7.35 \text{ m}^3$					
2 No cubits - $\frac{7.35}{2}$			$2 \times 9.72 =$	19.4	

Date of Entry.	9.4.24
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1) for E/W Excavation in 10³

Area	Vol	TS
1x 5.35 x 1.13 x 0.365	2.207 m ³	
2x2x culverts -	2 x 2.207 = 4.414 m ³	

2) for P.C.C Mix in levelling

Course	Area	TS
1x 5.31 x 1.13 x 0.25	15.00 m ³	
2x2x culverts -	2 x 15.0 = 30.00 m ³	

3) for 1/2 layer R.C.C pipe

Qty	600 mm ϕ etc	Vol
3x	2.5	7.5 m
2x2x culverts -	2 x 7.5 = 15.00 m	

Continuation

9/4/09
DE Us

7/8
9/4/24
07/2

Date of Entry 16/5/24

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1) PN B/W w em (1:4) w					
Lead wall etc - do - TV					
2x 3.6x 0.85 + 0.70 x 0.83					4.63m ³
2x 3.6x 0.40 x 0.60					1.72m ³
					Total 6.35m ³
Less pipe 2x 0.78 x (0.83) ² x 0.53					-0.57m ³
					Total 5.77m ³
2 m. culverts - 2x 5.7772					11.55m ³
2) PN Plaster w R em (1:4)					
on B/W etc - do - TV					
2x 3.60 x 2.28					20.016m ³
2x 3.60 x 0.60					4.32m ³
2x 3.60 x 0.40					2.88m ³
4x 0.40 x 0.60					0.96m ³
					Total 28.176m ³
2 m. culverts - 2x 28.176					56.352m ³
3) PN 1.5 mm thick					
3) PN G.S.B w R grade II					
etc - do - TV					
5x 12x 1.5 + 0.80 x 0.15					10.35m ³
3x 6.5x 0.90 x 0.15					2.83m ³
7x 8.5x 1.15 x 0.15					10.26m ³
4x 9.80 x 0.85 x 0.15					4.99m ³
7x 6.5x 0.90 x 0.15					6.14m ³
4x 7.7x 1.35 x 0.15					6.23m ³
Continuation					Total 40.60m ³

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			Contd.		40.60m ³
3x	6.8	1.60	0.15	=	4.896m ³
7x	3.50	1.85	0.15	=	6.798m ³
4x	5.30	1.40	0.15	=	4.452m ³
8x	6.50	2.10	0.15	=	16.38m ³
5x	7.90	1.85	0.15	=	10.961m ³
3x	9.50	2.10	0.15	=	8.977m ³
6x	10.25	1.70	0.15	=	15.682m ³
			Total		108.746m ³
2) PW WPM grg abn dn					
			dim. 75		
5x	12x	1.5	0.075	=	5.175m ³
4x	7.4x	2.10	0.075	=	4.662m ³
3x	6.5x	0.90	0.075	=	1.318m ³
7x	8.5x	1.15	0.075	=	5.132m ³
4x	9.80	0.85	0.075	=	2.499m ³
7x	6.5x	0.90	0.075	=	3.071m ³
4x	7.7x	1.35	0.075	=	3.118m ³
3x	6.8x	1.60	0.075	=	2.448m ³
7x	3.50x	1.85	0.075	=	3.399m ³
4x	5.30	1.40	0.075	=	2.226m ³
8x	6.50	2.10	0.075	=	8.190m ³
6x	7.90	1.85	0.075	=	6.577m ³
3x	9.50	2.10	0.075	=	4.489m ³
6x	10.25	1.70	0.075	=	7.841m ³
5x	9.30	2.35	0.075	=	8.495m ³
8x	11.25	2.65	0.075	=	17.882m ³

Continuation

Total 86.25 m³

Continuation

Date of Entry 30.5.24

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
1) P/W Prime coat work					
S.S. / etc. do. TV					
Qty n/a Item ⑤ P-5					
					111.863 m ³ / 0.078
					= 14915.07 m ²
2) P/W Tack coat work					
R.S. / etc. do. TV					
Qty n/a Item ①-					
					14915.07 m ²
3) P/W M.S.S. over WBM					
Surface etc. do. TV					
Qty n/a Item ②					
					14915.07 m ²
4) P/W Tack coat on B.T					
Surface etc. do. TV					
6 x 30 x 3.75 =					675 m ²
1 x 30 x 4.50 + 3.75 =					123.75 m ²
4 x 30 x 3.75 =					562.50 m ²
1 x 30 x 4.50 + 3.75 =					125.25 m ²
7 x 30 x 3.75 =					787.5 m ²
1 x 20 x 3.75 =					75.0 m ²
					2236.5 m ²
5) P/W SDBR with S-65					
etc. do. TV					
6 x 30 x 3.75 x 0.025 =					16.875 m ³
1 x 30 x 4.50 + 3.75 x 0.025 =					3.094 m ³
4 x 30 x 3.75 x 0.025 =					11.25 m ³
Continuation					
Total 31-219 m					
Total 182.094					
Cont. . .					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					40983620
4) PN WBM grd etc					

86.225 m ³ Qty n det (4)					
U. 84.29 m ³ @ 2301.92/m ³					23617820
5) PN WBM grd etc					

111.863 m ³ Qty n det (5)					
@ 2362.82/m ³					2643182
6) PN Prime coat with					
S.S-1 etc. do. TB					
1491.51					
14915.02 m ² Qty n det (6)					

@ 60.32/m ²					19004220
7) PN Tack coat with R. 1					
etc. do. do. TB					
1491.50 m ² Qty n det (6)					
2236.50 m ² Qty n det (6)					
3728.02 m ² @ 20.71/m ²					772072
8) PN N.S.S. over WBM					
Surface etc. do. TB					
1491.50 m ² Qty n det (6)					
@ 273.28/m ²					4077462
9) PN SD BC with S-65 etc					

55.912 m ³ Qty n det (7)					

Continuation
 @ 13256.83/m³

Total 22237472

— Cw

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
				B/A b 2223749 =	
10) PW and fixing information Board work logs etc OS 2nd Qty under ① @b 1114585 / each - b 22292 =					
11) PW E/W Excavation & H ^o etc do TV 26.91 m ³ Qty under f ① 4.44 m ³ Qty under R ② 31.324 m ³ @b 383.28/m ³ - b 12006 =					
12) PW Rec Mix & level by course etc do TV					
2.69 m ³ Qty under f ② 3.00 m ³ Qty under R ② 5.69 m ³ @b 5867.92/m ³ - b 33389 =					
13) PW B/W ar em (1:4) etc do TV 19.44 m ³ Qty under R ② 11.55 m ³ Qty under R ③ 30.99 m ³ @b (5372.4) / b (6649) = 197481 =					
14) PW Rec pipe & PZ 600 mm p etc TV 15.00 mt Qty under f ② @b 2133.95/mt - b 30009 =					
15) PW Plastering work CM (1:4) etc do Continuation					
56.35 m Qty under f ③ @b 188.75/m ² - b 10636 =					
P. 2531560 = Total b 2498570 = — per —					

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					B/F 624985700
107/15mm					B/F 14.253156000
					45568100
Add G.S.T @ 18%					644974300
Add E.C @ 1%					2531600
Add S.F					2550000
Total 303805700					629987990
Reduct @ 10%					303805700
					629988000
					Total 626989190
					Final A. 273425100
31/5/2024					
31/5/2024					
					CHD
					AB 01/05/24

Material statement				
1) G/W	882.00	M ³		
2) Mortar	2.42 + 75.86	= 168.28	M ³	
3) Screed	61.98 + 17.7	= 79.68	M ³	
4) Bricks	15500	nos		
5) chips	29.95	M ³		
31/5/2024				
31/5/2024				

Continuation

Memo of Payment.

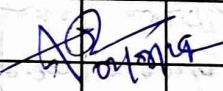
Rs - 2734251 = 0

11

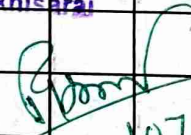
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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
S.O.C.S% -	136713	= 0			
I.N.C.S% -	27343	= 0			
L.C.S.S% -	27343	= 0			335589 = 0
C.G.S.T.C.S% -	27343	= 0			
S.G.S.T.C.S% -	27343	= 0			
Royalty -	64004	= 0			
S.F. -	25500	= 0			
Net Pay -	2398662	= 0			
Total =	2734251	= 0			

Passed for Rs - 2734251 = 0 (Twenty Seven Lakh Thirty Four Thousand two hundred fifty one) only.


Executive Engineer
RWD Works Division
Bakhisarai

Retd. Kh.
11/07/24


02/07/24

Continuation

4	15	1.8	1.2	$\times 0.028 = 6.75 m^3$
1	5.0	$\times 0.90 \times 0.028 = 0.332 m^3$		
Total				7.082 m ³

2) flr GSB with grading II
etc - dr - Tls

2	3	30.00	$\times 0.38 \times 0.16 = 6.3 m^3$
2	25.0	$\times 0.38 \times 0.16 = 1.78 m^3$	
Total			8.05 m ³

3) flr wbm grds etc - dr - Tls

2	3	30	$\times 0.38 \times 0.075 = 4.725 m^3$
2	3	34	$\times 0.35 + 0.55 \times 0.078 = 6.02 m^3$
Total			10.80 m ³

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4) PW Reconstruction of Curbs					
fore and back Cement Concrete					
pavement side - 10					
$1 \times 30 \times \frac{5.0 + 3.8 + 3.9}{3} \times 0.16 = 20.32 \text{ m}^3$					
$1 \times 30 \times \frac{4.5 + 3.8}{2} \times 0.16 = 19.92 \text{ m}^3$					
$1 \times 30 \times \frac{4.8 + 3.9}{2} \times 0.16 = 20.16 \text{ m}^3$					
$1 \times 30 \times \frac{4.8 + 3.7}{2} \times 0.16 = 20.4 \text{ m}^3$					
$1 \times 30 \times \frac{4.2 + 3.9 + 3.2}{3} \times 0.16 = 18.08 \text{ m}^3$					
$1 \times 30 \times \frac{3.8 + 3.7 + 3.8}{3} \times 0.16 = 17.52 \text{ m}^3$					
$1 \times 24 \times \frac{4.6 + 3.9}{2} \times 0.16 = 16.32 \text{ m}^3$					

Total 132.72 m³

5) PW R.C.C. M/S 6M6

200 m side - 10

6M stone 02000

200 m — 300

6) PW Direction and place Identification Board

side - side - 10

249.2 x 0.80 = 1.92 m

7) PW Road Marking work

hot applied thermoplastic

side - side - 10

60 surface - 27 19 x 30 x 0.10 = 2.14 m²

Continuation

Total 118 m²

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
C.C. Surface					
2x 6x30x 0.102				36 m ²	
2x 1x24x 0.102				4.8 m ²	
				40.8 m ²	
5) PW Plantation of Trees by side of Road					
dur			TL		3000
6) PW B/ pillar					
dur			TL		
7) PW Retro reflective Traffic sign					
dur			TL		
600 mm circular/Type - 500					

600 mm circular	500
600 mm x 400 mm rectangular	2000
700 mm octagon	1000

10) PW Plant. Board	
dur	TL
	0.10

11) PW Construction of subgrade and earthen shoulder	
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$$2 \times 30 \times \frac{1.0 + 0.60}{2} \times \frac{0.45 + 0.30}{2} = 18 \text{ m}^3$$

25/10/14
G.P.

25/10/14
G.P.

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost</u>					
1) P/W clearing and grubbing road land etc. do TB					
0.138 Hect	Qty	ndet	(2)		
@ Rs 72697.88/Hect					1003220
2) P/W Construction of sub grade and earthen shoulder etc. do TB					
882.0 m ³	Qty	ndet	(2)		
18 m ³	Qty	ndet	(24)		
900 m ³	@ Rs 259.09/m ³				23138120
3) P/W GSB work gr B etc. do TB					
108.746 m ³	Qty	ndet	(2)		
8.05 m ³	Qty	ndet	(10)		
116.796 m ³					
Unit - 116.03 m ³	@ Rs 1591.33/m ³				18464200
4) P/W WBM work gr B etc. do TB					
84.29 m ³	Qty	ndet	(8)		
@ Rs 2801.97/m ³					23612820
5) P/W WBM work gr B etc. do TB					
116.863 m ³	Qty	ndet	(8)		
10.80 m ³	Qty	ndet	(12)		
122.663 m ³					
Unit 122.06 m ³	@ Rs 2362.87/m ³				28841220
6) P/W Prime Coat work SSJ etc. do TB					
1491.07 m ²	Qty	ndet	(5)		
@ Rs 60.37/m ²					9004220
Continuation					
					Total
					10,40,6872
					CU

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					87P 10406872
7) PW Back Coat with R.S.					
etc. etc. etc.					
3728 m ² Qty note 1-8					
@ 20.71/m ² →					772072
8) PW N.S. over wavy					
etc. etc. etc.					
1491.50 m ² Qty note 8					
@ 273.38/m ² →					4072462
9) PW S.D.C. with S.S.					
etc. etc. etc.					
55.91 m ² Qty note 8					

					@ 13206.83/m ³ → 7384202
10) PW and frame of formwork					
Sup. Board with large nails					
Boundaries etc. etc.					
200 Qty note 9					
175 Qty note 10					
300 @ 11145.86/m ³ →					334372
11) PW C/W Excavation "ft"					
etc. etc. etc.					
31.37 m ³ @ 383.28/m ³ →					120862
12) PW F.C.C. N/S in leveling					
Curbs etc. etc.					
5.67 m ³ Qty note 9					
@ 586.98/m ³ →					3338920

Continuation
Total 23428922
— Ca —

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					BW 234289220
13) PW BW in cul (1.4) etc					
--- do --- 76					
30.97 m ³ Qty noted. (9)					
@ 6372.41/m ³ → 19748120					
14) PW R.e.e. 100 mm pipe					
600 mm etc. do 76					
15 mt Qty noted (9)					
@ 2133.98/mt → 3200920					
15) Plastering work cul (1.4)					
etc. do 76					
56.35 m ² Qty noted (9)					
@ 188.70/m ² → 1063620					

16) PW Dry lean Concrete					
with 1:1.5 etc. do 76					
7.08 m ³ Qty noted (9)					
6.78 m ³ @ 5867.72/m ³ → 3960720					
17) PW Construction of cur. rein					
for 2 place cent Concrete					
pavement etc. do 76					
132.72 m ³ Qty noted					
Let - 121.20 m ³ @ 2352.41/m ³ → 2891132					
18) PW R.e.e. 100 mm					
etc. 200 mm stone etc					
etc. 200 mm					
2 m Qty noted					
@ 2643.04/pace → 528620					

200 mds Long Continuation

3 m Qty noted

@ 778.36/pace → 233520

Total → 35,21,35920

— c/r

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
					8116352135920
19) for Direction and place Board					
each at T/J					
2 nos Qty used - (13)					
@ 12568.33/each					2513720
20) for Retro reflective Traffic					
Sign Board each at T/J					
600 mm square lateral Traffic					
5 nos Qty used - (10)					
@ 3568.35/each					1784120
600 mm cat curbar					
8 nos Qty used - (10)					
@ 3738.84/each					1869420

600 mm x 400 mm Rectangular					
2 nos Qty used - (10)					
@ 3614.50/each					722920
900 mm Octagon					
1 No Qty used - (14)					
@ 7469.56/each					7466020
21) for Plantation of Trees					
by side of Road at T/J					
30 nos Qty used - (14)					
30% of 30 = 9 Nos					
@ 1231.24/each					1108620
22) for Road marking work					
Hot applied thermoplastic paint at T/J					
B.T. 100g					
Continuation					
@ 783.28/100g					11286420
Total					372167120
					- e/v

