

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 of road					
from Punikh Nandhali road					
to Narayanpur					
Agency—					
M/s Jai Mata Di					
Construction.					
Agreement No—					
02 MDDMR/2021-22,					
Agreement ^{Rate} value—					
2.57% Below					
Date of commencement—					
04.03.21					
Time for completion—					
03.12.21					

1) clearing and grubbing

Road land do do all ps—

2 $2 \times 10.71 \times 1.00 = 0.2142 \text{ Met}$
 15000

(2) Const of G.S.B for G-1

do do all ps—

1 $1 \times 6 \times 0.90 \times 0.175 = 0.945$

2 $2 \times 2 \times 1.90 \times 0.175 = 1.33$

3 $3 \times 5.00 \times 1.25 \times 0.175 = 3.28$

5 $5 \times 2.00 \times 1.90 \times 0.175 = 3.325$

2 $2 \times 6.00 \times 1.65 \times 0.175 = 3.465$

2 $2 \times 2.00 \times 1.75 \times 0.175 = 1.225$

5 $5 \times 7.00 \times 1.10 \times 0.175 = 6.737$

$\sum = 20.307 \text{ m}^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3) Water Bound Macadam					
With Stone Screening					
do - as all in					
$1 \times 5.40 \times 2.90 \times 0.075 =$					1.17
$2 \times 6.00 \times 2.90 \times 0.075 =$					2.61
$3 \times 6.10 \times 1.25 \times 0.075 =$					1.71
$5 \times 7.00 \times 1.90 \times 0.075 =$					6.69
$2 \times 7.00 \times 1.65 \times 0.075 =$					1.63
$2 \times 6.00 \times 1.75 \times 0.075 =$					1.575
$5 \times 8.00 \times 2.65 \times 0.075 =$					5.50
					18.148 m ³

(4) Providing WBM Graveling

(By mechanical means)

$1 \times 9.00 \times 2.90 \times 0.075 =$	1.95
$2 \times 8.60 \times 2.90 \times 0.075 =$	3.74
$3 \times 7.00 \times 1.25 \times 0.075 =$	1.968
$5 \times 8.00 \times 1.70 \times 0.075 =$	7.12
$2 \times 8.00 \times 1.65 \times 0.075 =$	1.98
$2 \times 9.00 \times 2.75 \times 0.075 =$	3.71
$5 \times 11.00 \times 2.65 \times 0.075 =$	10.98 m ³
$2 \times 8.00 \times 2.90 \times 0.075 =$	3.48
	34.85 m ³

Continuation

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Sch. XLV-Form No. 134

Sch. XLV-Form No. 154					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) providing and applying					
Primer coat do - do all vol.					
	1	9.00	2.90	=	26.10
	2	8.60	2.90	=	49.88
	3	7.00	1.25	=	26.25
	5	8.00	1.90	=	76.00
	6	9.00	1.70	=	91.80
	4	10.00	1.90	=	76.00
	2	8.00	1.65	=	26.40
	5	11.00	2.65	=	175.45
	1	8.00	2.90	=	23.20
	2	9.00	2.75	=	49.50
				2	590.88

(2) patch work over WBM track
coat using main seal (B)
waste plastic do - do all vol.
vide pgm - 3 = qty = 590.88 m²

(3) Providing and applying
WBM with primer seal
track coat with bitumen
using do - do all vol.
1 x 20 6.94 + 6.00 + 3.75
3
vide pgm - 3 = qty = 590.88 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) providing and applying tack coat & d all wt					
1x20	3	5.90 + 6.8 + 3.75		=	111.00 ml
		3			
5x36x3.75				=	562.50
3x30x3.75				=	337.50
15x3.75+4.5+3.75				=	60.00
		3			
2x30x3.75				=	225.00
5x25x3.75				=	468.75
1.2x3.75+5+3.75				=	49.99
		3			
3x25x3.75				=	281.25
1x15	3	3.75 + 5 + 3.75		=	62.49
		3			
5x30x3.75				=	562.50
1x25x3.75				=	93.75
1x26x3.75+5.00+3.75				=	108.33
		3			
4x30x3.75				=	450.00
1x20x3.75+5.00+3.75				=	83.33
		3			
3x30.00x3.75				=	337.50
1x27.00x3.75				=	2.58 ml
				=>	37964.2 ml

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Two day semi pause Bituminous concrete					
1x20	$\frac{6.90 + 6.00 + 3.75}{3}$			$\times 0.025 = 2.775$	
5x30	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 14.062$	
3x30.00	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 8.437$	
1x15	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 1.500$	
5x25	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 11.718$	
2x30	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 5.625$	
1x12	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 1.225$	
3x25.00	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 7.031$	
1x15	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 1.562$	
5x30.00	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 14.062$	
1x25	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 2.344$	
1x26	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 2.34$	
4x30.00	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 11.25$	
1x20	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 2.08$	
3x30.00	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 8.437$	
1x27	$\frac{3.75 + 4.50 + 3.75}{3}$			$\times 0.025 = 2.831$	
					96.978

Continuation

[illegible]

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Retro-reflectorised					
Triangle					
(ii) 60 mm equilateral					
& triangle				—	40.72 m
(iii) 60 mm circular				—	19 m
(iv) 60 mm x 450 mm					
rectangle				—	12.72
(v) 90 mm 3rd Octagon				—	3.70
(2) Boundary pillar/round					
post d-d all 12					
80 m s.					

(i) printing New letter and
figure of any
 $44 \times 9.76 = 0.52$

(i) planting of trees and
their maintenance for
 $107/20 = 5.35$
 $= 54.70$

(i) Road marking with
not applied thermoplastic
compound d-d all 12
 $2 \times 1071 \times 0.170 = 214.20$

protection
cressy $8 \times 6.70 \times 0.52 = 18.70$

Continuation

[illegible]

Continuation

1st on site & final B.Y
Abstract of cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) clearing and grubbing land					
do do all in					
side py - 1 = 0.21 Hect					
e b 51123.76					10738
1/2 Construction of subgrade and earthen shoulder					
do do all in					
side py - 1 = 0.21 Hect					
e b 176.86					229211
2/3 Construction of granule					
Sub-base do do all in					
side py - 1 = 20.807					
limit = 19.66 e b 1936.58					38073
3/4 WDM Gravelly - 2 do do					
all in					
side py - 2 = 0.41 18.148 m ²					
e b 3418.76					62049
5/8 WDM Gravelly - 3 do do					
all in					
side py - 3 = 0.41 37.85					
limit = 34.82 @ 3155.05					109859
6/6 Prime coat low probability					
do do all in					
side py - 3 = 0.41 590.88					
e b 45.07					26631

Continuation

463827
47465020

424650

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/4 Yatch work over WBM					
with bed stone - d d d					
vide pgn-2 = 590.88					
eb 201.03					118785
8/ Track coat with mifunio					
d d d d d					
vide pgn-2 = 590.88					
4 - 3796.42					
970.30					
4387.30					
e					67213
eb 15.32					65809
9/ Semi Dense Bitumen					
eb					

vide pgn-5 = 96.978					
eb 10253.93					6994347
10/ Reinforced Cement Concrete					
M15 d-d d d d					
(i) KM Stone					
vide pgn-7 = 3 nos					
eb 2180.11					654020
(ii) 20mm Stone					
vide pgn-7 = 3 nos					
eb 587.63					176320
11/ Retro-reflective Traffic					
d-d d d d					
vide pgn-7 = 3.84					
eb 12303.01					47244

Continuation

1698215
17105422

2055954

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
incl pgn = 8 = 214.20					
eb 735.44					157521
(ii) pedestrian crossing					
d-d all w.					
incl pgn = 8 = 18 m.					
eb 735.44					13228.
/12 providing and fixing of typical d-d all w.					
incl pgn = 15 = 4.0					
eb 9404.81					37619
/18 plaster with cement mortar d-d all w.					
incl pgn = 6 = 61.92 m					
eb 177.55					10993
/19 paint two coat d-d all w.					
incl pgn = 6 = 179.28					
eb 97.18					17424
/20 Brick masonry work					
d-d all w.					
incl pgn = 8 = 3.36					
eb 5781.57					19426
/21 plastering with cement mortar 1:4 d-d all w.					
incl pgn = 8 = 23.36					
eb 177.56					4198.
22 paint two coat included					
incl d-d all w.					

Continuation

2004206
2316333

<u>Material Storage</u>			
Sail	-	1283.80	4 th
QSB	-	1286.7	3 rd
QSB	-	149.15	7 th
SS-1	-	490.30	4 th
RB-1	-	1206.42	4 th
S-90	-	1188.39	4 th
		1239.39	
Cont - 10.44			
Cont - 10.44			

1st on All Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) Total value of work done					2556240
(B) Total up to date with					1044000
(C) Total prev. receipt					Nil
(D) - (C) Pay					1044000
<u>Amount of payment</u>					
(i) S. D. @ 5%					52200 ~
(ii) J. Tax @ 2%					20880 ~
(iii) C. V. S. @ 1%					10440 ~
(iv) S. V. S. @ 1%					10440 ~
(v) H. V. S. @ 1%					10440 ~
(vi) Rality					75682 ~
(vii) S. fee					19482 ~
Total					199564 ~

Pay cheque is 844436 ~
~~Rs 1044000~~ 1044000 ~

passed for Rs. 1044000 ~
 Rupees Ten Lacs forty four thousand and eight hundred
 cheque is 844436 ~ Rupees eight Lacs forty four thousand and eight hundred
 Rupees eight Lacs forty four thousand and eight hundred

02-09-2021

9/9/21

Continuation

Autonomous
Ke-Abstract of cost
1st and 2nd year
 Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Repair of road from purna Nandili Road to Nardayapur					
Agency - M/s Sai Mata Construction					
Agreement No - 02 MBP Mt / 2021-22					
Date of Commencement - 04.03.21					
Date of completion - 02.12.21					
1) Clearing and grubbing Road land d-d all W's					
vide Pg = 16	2	0.21	Heft		
		EL 51112.76			10728
1/2 cost of Subgrade and					
earth should					
vide Pg = 16					
		EL 176.86			227300
3/4 cost of granular sub-base d-d all W's					
vide Pg = 16					
limit = 16.66		EL 1936.58			38078
1/4 WBM granular sub-base d-d all W's					
vide Pg = 16					
		EL 3418.76			62049
1/5 WBM granular sub-base d-d all W's					
vide Pg = 16					
limit = 24.82		EL 3155.05			109859
1/6 Prime coat d-d all W's					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
side py ~ 12 ~ 590.88					
eb 45.07					26631
7/8 patch work over WDH					
men sub dr - dr all D					
side py ~ 217 ~ 590.88					
eb 201.02					112788
8/8 Pack coat with bituminous					
dr - dr all D					
side py ~ 217 ~ 4387.20					
eb 15.22					67213
9/9 Semi Dense Bituminous					
Surface dr - dr all D					
side py ~ 96.928					
eb 10253.28					994347
10/10 Reinforced cement concrete					
dr - dr all D					
side py ~ 17 ~ 2					
(i) km stone					
side py ~ 17 ~ 3 nos					
eb 2180.11					6540
(ii) 200w stone					
side py ~ 17 ~ 3 nos					
eb 587.63					1763
(iii) Retro-reflection Traffic					
side py ~ 17 ~ 3.84					
eb 12303.01					47244
12/12 Gravel and fine of					
retro-reflection					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) 60 mm wide pgs 218 & 240 nos					
	ck 3218.09			b	144724
(ii) 60 mm e render					
vide pg 218 & 214 nos					
	ck 2714.52			b	52005
60 mm x 450 mm rebar					
vide pg 218 & 12 nos					
	ck 3585.51			b	43021
(iii) 900 mm wide octagon					
vide pg 218 & 3 nos					
	ck 7578.81			b	22735
13 Reinforced Cement concrete					
as per all					
vide pg 18 & 80 nos					
	ck 481.93/nos			b	38554
14 Joint new litch and					
fig d - de all					
vide pg 18 & 176					
	ck 0.52			b	92
15 Planting of trees by					
road side d. d. all					
vide pg 18 & 54					
	ck 819.92			b	44276
16 Fencing and laying					
themo. glass d. d. all					
vide pg 18 & 214.20					
	ck 735.44			b	157521
(ii) pedestrian crossing					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide pg = 192 18m					
	267	35.44			212228
17 plastering and finish of typical d-d all					
vide pg = 192 4.00					
	294	04.81			37619
18 plastering with cement mortar d-d all					
vide pg = 192 61.92m					
	261	77.52			109922
19 painting two coat d-d all					
vide pg = 192 179.22					
	269	7.18			17424
20 Brick masonry work d-d all					
vide pg = 192 3.36					
	265	7.81	57		19426
21 Plastering with cement mortar 1:4 d-d all					
vide pg = 192 23.36					
	261	77.56			4148
22 painting two coat brick d-d all					
vide pg = 202 56.56					
	269	7.19			5497
					23218830

Continuation

206 2321880

4040-07 dt 19/11/81

2nd and Final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) Total value of work done					2556240
(B) Total upto date bill					2611700
(C) Total Prev. payment					1044000
(A) - (C) payable					1512240
memo of payment					
(i) S.D. @ 5%					2.75612
(ii) I-Tax @ 2%					30245
(iii) C.V. 7 @ 1%					15122
(iv) S.V. 7 @ 1%					15122
(v) L. cess @ 1%					15122
Total deduction					151222
Net Cheque					1361012
Total bill					1512240

passed for Rs. 1512240 :-
Rupees Fifteen Lacs twelve
thousand two hundred
fourty only and by cheque
No. 1361012 - Rupees Thirteen
Lacs sixty one thousand of
seventy two only

15/11/81
Divisional Accounts Officer-I
Rural Work Department
Works Division, Saharsa

18/11/81
Executive Engineer
Rural Work Department
Works Division, Saharsa

Continuation

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

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8/5) WBM - the <u>gradient</u> as per ✓					
Qty = 34.82 m ³ vide MB, P-22					
@ 3155.25 / m ³					RS 109859.25
8/6) Primer coat as per ✓					
Qty = 590.88 m ² vide MB, P-23					
@ 45.07 / m ²					RS 26631.20
8/7) Patch work over WBM					
as per ---					
Qty = 590.88 m ² vide MB, P-23					
@ 201.03 / m ²					RS 118785.20
8/8) Tack coat with bitumen					
as per ---					
Qty = 4387.30 m ² vide MB, P-23					
@ 15.32 / m ²					RS 67213.00
8/9) SDBC as per ---					
Qty = 98.978 m ³ vide MB, P-23					
@ 10253.33 / m ³					RS 994347.20
8/10) i) Km Stone					
Qty = 3 Nos, vide MB, P-23					
@ 2180.11 / No					RS 6540.20
ii) 200 m Stone					
Qty = 3 Nos, vide MB, P-23					
@ 587.63 / No					1763.00
8/11) Retro reflector as per ✓					
Qty = 3.84 m ² vide, MB, P-23					
@ 12303.01 / No					RS 47244.00
8/12) RPF Retro reflector					
i) 600 mm diameter ✓					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty = 40 No, vide MB, P-24					
⑥ 3618.09 / No				RS	144724.0
(ii) 600 mm equilateral					
Qty = 14 No vide MB, P-24					
⑥ 3714.62 / No					52005.00
(iii) 600 mm x 450 mm rectangle					
Qty = 12 No vide MB, P-24					
⑥ 3585.51 / No				RS	43026.00
(iv) 900 mm octagonal					
Qty = 3.0 No vide MB, P-24					
⑥ 7578.31 / No				RS	22735.00
(13/13) kerbstone cement concrete					
Qty = 80 No vide MB, P-24					
⑥ 48193 / No				RS	38554.00
(14/14) print new letter					
Qty = 176.0 m ² vide MB, P-24					
⑥ 0.52 / m ²				RS	92.00
(15/15) planting of tree					
Qty = 54 No, vide MB, P-24					
⑥ 819.92 / No				RS	44276.00
(16/16) thermograph load					
marking					
Qty = 214.20 m ² vide MB, P-24					
⑥ 735.44 / m ²				RS	157531.00
(ii) pedestal in crossing					
Qty = 18 No vide MB, P-25					
⑥ 735.44 / No				RS	13238.00

Continuation

Continuation