

1st & Final 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work—	Constn and Maintenance				
of Road and	CD Work from				
Sheikhpura	Hardik Road to				
Gagaura					
Under Head:	New MR/3054				
Tender Group No—	MR-N/22-23				
	— Sheikhpura-08				
Agency—	Sri Birendra kumar				
At—	Barsa, P.O.— Ghuskeri				
Distt—	Sheikhpura				

Agreement No - 28/(MBD)/2022-23

Agreement Value:

Constn Cost = Rs. 5458049.00

5% Maint Cost = Rs. 222488.45

Total Cost = Rs. 7682937.45

Date of Commencement: 10.02.2023

Date of Completion: 9.11.2023

Date of Measurement: 15.2.2023

to 18.03.2023

Date of Entry: 18.03.2023

(1/2) clearing and grubbing roadlands

$2 \times 1760 \times 2.00 = 7040 \text{ m}^2$

$7040 \text{ m}^2 \div 10000 = 0.70 \text{ hect.}$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>(2/3) Constn of embankment</u>					
	5	2	30	1.50	$0.45 = 202.50 m^3$
	10	2	30	1.50	$0.45 = 405.00 m^3$
	15	2	30	1.50	$0.45 = 607.50 m^3$
	20	2	30	1.50	$0.45 = 810.00 m^3$
	25	2	30	1.50	$0.45 = 1024.00 m^3$
	1	2	20	1.50	$0.45 = 27.00 m^3$
					<u>2976.00 m³</u>
<u>(3/4) Constn of Subgrade and earthen Shoulder</u>					
	5	2	30	1.10	$0.30 = 99.00 m^3$
	10	2	30	1.10	$0.30 = 198.00 m^3$
	15	2	30	1.10	$0.30 = 297.00 m^3$
	20	2	30	1.10	$0.30 = 396.00 m^3$
	8	2	30	1.10	$0.30 = 158.4 m^3$
	1	2	20	1.10	$0.30 = 13.20 m^3$
					<u>1161.60 m³</u>
<u>(4/5) Constn of GSB with go II material in Pot holes</u>					
As	1	5	1.80	0.150	$= 1.35 m^3$
	1	6	1.90	0.150	$= 1.71 m^3$
	1	5	2.00	0.150	$= 1.50 m^3$
	1	8	1.80	0.150	$= 2.16 m^3$
	1	5	1.60	0.150	$= 1.20 m^3$
	1	7	1.50	0.150	$= 1.58 m^3$
	1	8	1.70	0.150	$= 2.04 m^3$
	1	5	1.80	0.150	$= 1.35 m^3$
	1	6	1.90	0.150	$= 1.71 m^3$
					<u>CO = 14.60 m³</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.R		= 14.68 m ²
1x	7x	2.00	x 0.150		= 2.10 m ³
1x	5x	2.00	x 0.150		= 1.50 m ³
1x	8x	1.70	x 0.150		= 2.04 m ³
1x	6x	1.80	x 0.150		= 1.62 m ³
1x	5x	1.50	x 0.150		= 1.13 m ³
1x	6x	1.90	x 0.150		= 1.71 m ³
1x	8x	1.30	x 0.150		= 1.56 m ³
1x	9x	1.90	x 0.150		= 2.57 m ³
1x	7x	1.10	x 0.150		= 1.16 m ³
1x	5x	1.80	x 0.150		= 1.35 m ³
1x	5x	1.70	x 0.150		= 1.28 m ³
1x	3x	1.90	x 0.150		= 0.86 m ³
1x	2x	2.00	x 0.150		= 0.60 m ³
1x	3x	1.70	x 0.150		= 0.77 m ³
1x	2x	2.20	x 0.150		= 0.66 m ³
1x	5x	1.10	x 0.150		= 0.83 m ³
1x	9x	0.80	x 0.150		= 1.08 m ³
1x	6x	0.90	x 0.150		= 0.81 m ³
1x	4x	1.20	x 0.150		= 0.72 m ³
1x	1x	1.80	x 0.150		= 0.24 m ³
1x	5x	1.70	x 0.150		= 1.28 m ³
1x	6x	1.90	x 0.150		= 1.71 m ³
1x	7x	2.00	x 0.150		= 2.10 m ³
1x	3x	1.60	x 0.150		= 0.72 m ³
1x	4x	1.60	x 0.150		= 0.96 m ³
1x	3x	1.70	x 0.150		= 0.77 m ³

CO = 46.73 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$\phi.F =$	$46.73 M^3$
1x	1x	1.90	x	0.150	= $0.29 m^3$
1x	2x	2.10	x	0.150	= $0.60 m^3$
1x	6x	1.30	x	0.150	= $1.17 m^3$
1x	7x	1.20	x	0.150	= $1.26 m^3$
1x	4x	1.40	x	0.150	= $0.84 m^3$
1x	5x	1.50	x	0.150	= $1.13 m^3$
1x	6x	1.60	x	0.150	= $1.44 m^3$
1x	6x	0.80	x	0.150	= $0.72 m^3$
1x	4x	1.40	x	0.150	= $0.84 m^3$
1x	4x	1.70	x	0.150	= $1.02 m^3$
1x	7x	1.40	x	0.150	= $1.47 m^3$
1x	6x	0.90	x	0.150	= $0.81 m^3$
1x	3x	1.50	x	0.150	= $0.68 m^3$
1x	4x	1.90	x	0.150	= $1.14 m^3$
1x	3x	1.00	x	0.150	= $0.45 m^3$
1x	5x	2.10	x	0.150	= $1.58 m^3$
1x	2x	1.70	x	0.150	= $0.51 m^3$
1x	8x	1.30	x	0.150	= $1.56 m^3$
1x	7x	1.80	x	0.150	= $1.89 m^3$
1x	8x	1.40	x	0.150	= $1.68 m^3$
1x	7x	1.10	x	0.150	= $1.16 m^3$
1x	4x	0.90	x	0.150	= $0.54 m^3$
1x	7x	1.80	x	0.150	= $1.89 m^3$
1x	3x	1.50	x	0.150	= $0.68 m^3$
				Total GSB =	$72.00 m^3$
					$72.08 M^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/6 P/4/S/L 43M go. II in Pethala					
1x 5x 1.90 x 0.075					0.71 m ³
1x 6x 2.00 x 0.075					0.90 m ³
1x 5x 2.10 x 0.075					0.79 m ³
1x 8x 1.90 x 0.075					1.14 m ³
1x 5x 1.70 x 0.075					0.64 m ³
1x 7x 1.60 x 0.075					0.84 m ³
1x 8x 1.80 x 0.075					1.08 m ³
1x 5x 1.90 x 0.075					0.71 m ³
1x 6x 2.00 x 0.075					0.90 m ³
1x 7x 2.10 x 0.075					1.10 m ³
1x 5x 2.10 x 0.075					0.79 m ³
1x 8x 1.90 x 0.075					1.08 m ³

1x 6x 1.90 x 0.075					0.86 m ³
1x 5x 1.60 x 0.075					0.60 m ³
1x 6x 2.00 x 0.075					0.90 m ³
1x 8x 1.40 x 0.075					0.84 m ³
1x 9x 2.00 x 0.075					1.35 m ³
1x 7x 1.20 x 0.075					0.63 m ³
1x 5x 1.90 x 0.075					0.71 m ³
1x 5x 1.80 x 0.075					0.68 m ³
1x 3x 2.00 x 0.075					0.45 m ³
1x 2x 2.10 x 0.075					0.32 m ³
1x 3x 1.90 x 0.075					0.41 m ³
1x 2x 2.30 x 0.075					0.35 m ³
1x 5x 1.20 x 0.075					0.45 m ³
1x 9x 0.90 x 0.075					0.61 m ³

CO = 19.84 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$C.P. =$	$19.84 m^3$
1X	6X	1.00		$\times 0.075 =$	$0.45 m^3$
1X	4X	1.30		$\times 0.075 =$	$0.39 m^3$
1X	1X	1.70		$\times 0.075 =$	$0.13 m^3$
1X	5X	1.80		$\times 0.075 =$	$0.68 m^3$
1X	6X	2.00		$\times 0.075 =$	$0.90 m^3$
1X	7X	2.10		$\times 0.075 =$	$1.10 m^3$
1X	3X	1.70		$\times 0.075 =$	$0.38 m^3$
1X	4X	1.70		$\times 0.075 =$	$0.51 m^3$
1X	3X	1.80		$\times 0.075 =$	$0.41 m^3$
1X	1X	2.00		$\times 0.075 =$	$0.15 m^3$
1X	2X	2.10		$\times 0.075 =$	$0.32 m^3$
1X	6X	1.40		$\times 0.075 =$	$0.63 m^3$

1X	7X	1.30		$\times 0.075 =$	$0.68 m^3$
1X	4X	1.50		$\times 0.075 =$	$0.45 m^3$
1X	5X	1.60		$\times 0.075 =$	$0.60 m^3$
1X	6X	1.70		$\times 0.075 =$	$0.77 m^3$
1X	6X	0.90		$\times 0.075 =$	$0.41 m^3$
1X	4X	1.50		$\times 0.075 =$	$0.45 m^3$
1X	4X	1.80		$\times 0.075 =$	$0.54 m^3$
1X	2X	1.50		$\times 0.075 =$	$0.79 m^3$
1X	6X	1.00		$\times 0.075 =$	$0.45 m^3$
1X	3X	1.60		$\times 0.075 =$	$0.36 m^3$
1X	4X	2.00		$\times 0.075 =$	$0.60 m^3$
1X	3X	1.10		$\times 0.075 =$	$0.25 m^3$
1X	5X	2.20		$\times 0.075 =$	$0.83 m^3$
1X	2X	1.80		$\times 0.075 =$	$0.27 m^3$

$C.O. = 33.34 m^3$

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF =	33.34 m ³
1X	8X	1.40	X 0.075	=	0.84 m ³
1X	7X	1.90	X 0.075	=	1.00 m ³
1X	8X	1.50	X 0.075	=	0.90 m ³
1X	7X	1.20	X 0.075	=	0.63 m ³
1X	4X	1.00	X 0.075	=	0.30 m ³
1X	7X	1.90	X 0.075	=	1.00 m ³
1X	3X	1.60	X 0.075	=	0.36 m ³
1X	10X	1.40	X 0.075	=	1.05 m ³
1X	9X	1.80	X 0.075	=	1.22 m ³
1X	7X	2.00	X 0.075	=	1.05 m ³
1X	9X	1.50	X 0.075	=	1.01 m ³
1X	10X	1.60	X 0.075	=	1.20 m ³

1X	9X	1.70	X 0.075	=	1.15 m ³
1X	8X	1.10	X 0.075	=	0.66 m ³
1X	9X	0.90	X 0.075	=	0.61 m ³
1X	6X	1.20	X 0.075	=	0.54 m ³
1X	9X	1.40	X 0.075	=	0.95 m ³
1X	8X	1.50	X 0.075	=	0.90 m ³
1X	6X	1.10	X 0.075	=	0.50 m ³
1X	9X	1.10	X 0.075	=	0.74 m ³
1X	7X	1.20	X 0.075	=	0.63 m ³
1X	6X	1.40	X 0.075	=	0.63 m ³
1X	7X	1.50	X 0.075	=	0.79 m ³
1X	11X	0.80	X 0.075	=	0.66 m ³
1X	12X	0.70	X 0.075	=	0.63 m ³
1X	10X	0.90	X 0.075	=	0.68 m ³

C.O = 53.97 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BP =	53.97m ³
1x	7x1.40			$\times 0.075 =$	0.74m ³
1x	9x1.20			$\times 0.075 =$	0.81m ³
1x	12x1.00			$\times 0.075 =$	0.90m ³
1x	13x0.90			$\times 0.075 =$	0.88m ³
1x	14x1.10			$\times 0.075 =$	1.16m ³
1x	15x1.20			$\times 0.075 =$	1.35m ³
1x				Total WBM gr. II =	59.72m ³
					59.81m ³

(6/5) P/L/S/O WBM gr. II in Rpholes

Qty as WBM gr. II = 59.72 m³

1x	6x	1.50	$\times 0.075 =$	0.68m ³
1x	8x	1.10	$\times 0.075 =$	0.66m ³
1x	9x	1.20	$\times 0.075 =$	0.81m ³
1x	7x	1.40	$\times 0.075 =$	0.74m ³
1x	7x	1.50	$\times 0.075 =$	0.79m ³
1x	5x	1.70	$\times 0.075 =$	0.64m ³
1x	8x	2.00	$\times 0.075 =$	1.20m ³
1x	7x	1.30	$\times 0.075 =$	0.68m ³
1x	6x	1.70	$\times 0.075 =$	0.77m ³
1x	7x	1.80	$\times 0.075 =$	0.95m ³
1x	6x	1.50	$\times 0.075 =$	0.68m ³
1x	8x	2.10	$\times 0.075 =$	1.26m ³
1x	7x	1.60	$\times 0.075 =$	0.84m ³
1x	8x	1.90	$\times 0.075 =$	0.84m ³
1x	7x	1.70	$\times 0.075 =$	0.89m ³
1x	8x	1.50	$\times 0.075 =$	0.90m ³

CD = 73.05m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BA =	73.05 m ³
1x 10x120				x 0.075 =	1.28 m ³
1x 9x100				x 0.075 =	0.68 m ³
1x 8x120				x 0.075 =	1.02 m ³
1x 7x180				x 0.075 =	0.95 m ³
1x 6x130				x 0.075 =	0.59 m ³
1x 7x0.90				x 0.075 =	0.47 m ³
1x 8x150				x 0.075 =	0.90 m ³
1x 9x170				x 0.075 =	1.15 m ³
1x 10x160				x 0.075 =	1.20 m ³
1x 6x150				x 0.075 =	0.68 m ³
1x 7x180				x 0.075 =	0.95 m ³
1x 8x170				x 0.075 =	1.02 m ³

Total WBM go. 12 =	83.88 m ³
	83.94 m ³

(7/8) P/A Primer Coat with Bitumen emulsion SS-1

Area vide WBM go. 12

$$= 83.88 \text{ m}^3 \div 0.075$$

$$= 1118.40 \text{ m}^2$$

(8/9) Patch work with MSS

Qty Same as Primer Coat

$$= 1118.40 \text{ m}^2$$

(9/10) P/A Tack Coat with Bitumen emulsion RS-1

$$\text{Qty or Area of MSS} = 1118.40 \text{ m}^2$$

$$1x 30x \frac{5.50 + 3.75}{2} = 138.75 \text{ m}^2$$

$$5x 30x 3.75 = 562.50 \text{ m}^2$$

Continuation

$$C.O = 701.25 \text{ m}^2$$

$$1819.65 \text{ m}^2$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/26) Painting, two coats in Parabetwall					
Qty Same as item 12/24					
					= 20.16 m ²
(14/12) P/P KM Stone					3 nos.
(15/13) P/P 200M Stone					7 nos.
(16/14) Direction and Place identification sign Board					
					2 x 1.20 x 0.80 = 1.92 m ²
(17/15) P/P 600 mm equilateral Δ sign					5 nos.
(18/16) P/P 600 mm circular sign					5 nos.
(19/17) P/P 600 x 450 mm rectangular sign					2 nos.
(20/18) P/P 900 mm Octagonal stop Board					01 nos.
(21/19) P/P Boundary Pillar					8 nos.
(22/21) Plantation of trees					80 nos.
(23/22) Road marking with hot applied thermoplastic compound					
					2 x 1760 x 0.10 = 352.00 m ²
(24/23) P/P Logo of Project					2 nos.

1st R/A Bill
ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/2) Clearing and Grubbing roadlands item 1/2 VTMB					
P/1 - 8.70 hect. @ Rs. 62032.43/hect.					
					= Rs. 43423.00
(2/3) Constn of embankment item 2/3 VTMB					
P/2 - 2376.00 m ³ @ Rs. 250.34/m ³					
					= Rs. 594808.00
(3/4) Subgrade & earthen shoulder item 3/4 VTMB					
P/3 - 1161.60 m ³ @ Rs. 253.71/m ³					
					= Rs. 294710.00
(4/5) GSB gr. II item 4/5 VTMB					
P/4 - 72.00 m ³ @ Rs. 1502.60/m ³					
					= Rs. 108187.00
(5/6) WBM gr. I item 5/6 VTMB					
P/5 - 59.72 m ³ @ Rs. 3270.72/m ³					
					= Rs. 195327.00
(6/7) WBM gr. II item 6/7 VTMB					
P/6 - 83.88 m ³ @ Rs. 2862.95/m ³					
					= Rs. 240144.00
(7/8) Prime Coat SS-1 item 7/8 VTMB					
P/7 - 1118.40 m ² @ Rs. 56.13/m ²					
					= Rs. 62776.00
(8/9) Patch work with MSS item 8/9 VTMB					
P/8 - 1118.40 m ² @ Rs. 250.17/m ²					
					= Rs. 279790.00
(9/10) Tack Coat RS-1 item 9/10 VTMB					
P/9 - 7850.40 m ² @ Rs. 19.10/m ²					
					= Rs. 149943.00

Continuation

C.O. Rs. 1969108.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					C.O. Rs. 1969108.00
(10/11) SDBC item 10/11 VTMB					
P/11 - 168.29 m ³ @ Rs. 12652.65/m ³					
					= Rs. 2129314.00
(11/12) RM stone item 11/12 VTMB					
P/11 - 3 nos @ Rs. 2687.25 / each					
					= Rs. 8061.75
(12/13) 200 M stone item 12/13 VTMB					
P/11 - 7 nos @ Rs. 757.27 / each					
					= Rs. 5300.89
(13/14) Direction and Place identifier					
Sign Board item 13/14 VTMB					
P/11 - 1.92 m ² @ Rs. 14826.32/m ²					
					= Rs. 28467.00
(14/15) 600 mm equilateral sign item 14/15 VTMB					
P/11 - 5 nos @ Rs. 4346.94 / each					
					= Rs. 21734.70
(15/16) 600 mm equilateral sign item 15/16 VTMB					
P/11 - 5 nos @ Rs. 4245.28 / each					
					= Rs. 21226.40
(16/17) 600 x 450 mm rectangular sign board					
item 16/17 VTMB					
P/11 - 2 nos @ Rs. 4101.54 / each					
					= Rs. 8203.08
(17/18) 900 mm Octagonal sign board					
item 17/18 VTMB					
P/11 - 1 no @ Rs. 8546.28 / each					
					= Rs. 8546.28

Continuation

C.O. Rs. 4199958.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs. 4199958.00
(18/19) Boundary Pillar item 21/19 VTM B					
P/n - 8 nos @ Rs. 730.35/each					
					= Rs. 5843.00
(19/20) Plantation of tree item 20/20 VTM B					
P/n - 80 nos @ Rs. 1120.17/each					
					= Rs. 89614.00
					30% of Rs. 89614.00 = Rs. 26884.20
(20/22) Road marking item 22/22 VTM B					
P/n - 352.00 m ² @ Rs. 823.80 823.80 /m ²					
					= Rs. 289978.00
(21/23) Logo of Project item 23/23 VTM B					
P/n - 2 nos @ Rs. 10862.00/each					
					= Rs. 21724.00
(22/24) Plastering item 24/24 VTM B					
P/n - 20.16 m ² @ Rs. 182.64/m ²					
					= Rs. 3682.00
(23/25) Brick Masonry item 25/25 VTM B					
P/n - 1.44 m ³ @ Rs. 5825.95/m ³					
					= Rs. 8394.00
(24/26) Painting item 26/26 VTM B					
P/n - 20.16 m ² @ Rs. 116.86 /m ²					
					= Rs. 2356.00
					<u>Rs. 4558819.00</u>
Add @ 1% L.C. (+) Rs. 45588.00					
Add @ 18% GST (+) Rs. 820587.00					
Add @ 10% SF					
ETW: 3537.60 m ³ @ Rs. 3.51 = Rs. 12417.00					
G.S.B. 72.00 m ³ @ Rs. 49.04 = Rs. 3531.00					
Gr. 2					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
WBM gr. 2	59.72 m ³	@ Rs. 62.02	= Rs. 3704.00		
WBM gr. 1	83.83 m ³	@ Rs. 63.74	= Rs. 5347.00		
MS	1118.40 m ²	@ Rs. 1.74	= Rs. 1946.00		
SDBC	166.29 m ³	@ Rs. 71.79	= Rs. 12082.00		
Brick	1.74 m ³	@ Rs. 6.24	= Rs. 9.00		
Masonry					
Plastering	20.11 m ²	@ Rs. 16.89	= Rs. 341.00		
Total SF = Rs. 39377.00					

Rs. 5464371.00

Less @ 2.72% below (-) Rs. 148631.00
as per agreement

Rs. 5315740.00

18.3.2023
JE18.03.23
AE18.03.23
AEMaterial statementE/W = 3537.60 m³Stone Aggregates = 229.04 m³Local Sand = 36.86 m³Stone Screening = 36.06 m³Mooram = 4.78 m³

Emulsion SS-1 = 0.946 MT

Emulsion RS-1 = 2.153 MT

Bitumen VG-10 = 1.955 MT

Bitumen VG-30 = 19.418 MT

Waste Plastic = 0.17 MT

Bricks = 720 nos.

18.3.2023
JE18.03.23
AE18.3.2023
JE
18.03.23
AE

Continuation

Sch. XLV Form No. 134

<u>Royalty</u>	
(i) E/W = $3537.60 \text{ m}^3 @ \text{Rs } 33/\text{m}^3$	116741 =
(ii) S/Aggregate = $329.04 \text{ m}^3 @ \text{Rs } 150/\text{m}^3$	Rs 49356 =
(iii) U/sand = $36.86 \text{ m}^3 @ \text{Rs } 150/\text{m}^3$	Rs 5529 =
(iv) S/screening = $36.86 \text{ m}^3 @ \text{Rs } 83/\text{m}^3$	Rs 2993 =
(v) Moisture = $4.78 \text{ m}^3 @ \text{Rs } 83/\text{m}^3$	Rs 397 =
(vi) Brick = 720 Nos. @ Rs. 45/-	Rs 33 =
Total Rs 1,60,049 =	

Continuation

Received allotment from ACO-Cum-Special
Secretary B.R.D. Patna vide letter No - 35 dt. 14.03.
2023
Rs. 54,58,049/-

Sch. XLV-Form No. 134 ¹ Bill Value Rs. 53,15,740/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>1st R/A Bill</u> <u>Memo of Payment</u>					
S. Tax @ 1%				Rs. 5315700	6,77,845/- Rs
C. GST @ 1%				Rs. 531580	
S. GST @ 1%				Rs. 531580	
L. Cess @ 1%				Rs. 531570	
Royalty				Rs. 1600490	
S. Fees				Rs. 393770	
S.D. @ 5%				Rs. 26578700	
cheque Value				Rs. 46,37,89700	
total Bill Value				Rs. 53,15,74000	
Passed for Rs. 53,15,74000 (Rupees fifty three lacs fifteen thousand seven hundred forty) only.					

[Signature]
Executive Engineer
Rural Works Department
Works Division, Sheikhpura

[Signature]
20/03/23

[Signature]
20/03/23

TO/Cen NO - PNB 20230308/502
in AT - 20/03/2023