

Shree Ram Kr. Yadav

Ag No. 3 (SBB)/2021-22

PWD Road Patti Khatidatanmore to Harodih Road

Length :- 3.30 km

Schedule XLV From N. 134

Head. MM 654 (50)

P.W.D.

R. W. D. (W) Jamai

DIVISION

Khatidatanmore

SUB DIVISION

MEASUREMENT BOOK

Ag No. 2862

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

5th on A/c 2 Final bill					
N/w - Construction of Road					
From p.w.D road Ramasi					
Khotwafamr more to					
Harodih.					
Agency - Sri Shree Ram Kumar					
yadav, vill - P.S -					
Nirm - Nawada P.S - Khaym					
Agreement no - OB(SGD)/2021-22					
Date of start - 09-12-2020.					
Date of work - 08-12-2021.					

Record Measurement					
1. Construction of subgrade					
and earthen shoulder etc.					
E/shoulder (Sides of work & p.m.c)					
2x30x30x1.30x0.025 = 24.83					
2x20x30x1.30x0.025 = 17.50					
2x10x10x1.30x0.025 = 19.50					
E/shoulder sides of G.S.B					
2x30x30x1.50x0.200 = 540.00					
2x20x30x1.50x0.200 = 360.00					
2x10x10x1.50x0.200 = 60.00					
E/s (Sideace)					
2x30x30x1.200x0.160 = 345.60					
2x20x30x1.200x0.160 = 230.40					
2x10x20x1.200x0.160 = 76.80					

(Continuation)

1924.80m²

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
					$2 \times 20 \times 30 \times 0.100 = 120.0$
					$2 \times 20 \times 10 \times 0.100 = 40.00$
					$\text{Qty} = 340.0 \text{ m}^2$

7. RCC boundary pillar
= 56 nos.

8. providing and erecting
direction & place identi-
fication retro-reflectors.
= 13 nos.

9. providing and fixing of typical

information sign boards

utilized information board

and maintenance board

= 3 nos.

10. Painting on Roadway
(Black & white stripes)

Top = $2 \times 6.150 \times 0.400 = 4.92$

Side = $4 \times 6.150 \times 0.600 = 14.76$

Foot = $4 \times 0.400 \times 0.600 = 0.96$

$\text{Qty} = 20.64 \text{ sqm}$

For 7 No culvert 7×20.64

= 144.48 sqm

Checked
25/12/24
J.E

(Continuation)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1. Providing & fixing of working benchmark pillars & no. per km	Qty vide item (1), P.No. (31)				
3.300 km @ 32628.50/km					
					RS 2907674.200
2. cleaning & grubbing road land	Qty vide item (2), P.No. (31)				
1.155 Ha @ 51133.26/Ha					
					RS 59059200
3. Cost of Embankment with material obtained from borrow pit head 1000 m etc.	Qty vide item (3) P.No. (31)				
560 m ³ @ 175.22/cum					
					RS 98123200
4. Cost of Embankment with material obtained from borrow pit head 1000 m etc.	Qty vide item (4), P.No. (31)				
757.38 m ³ @ 135.12/m ³					
					RS 102607200
5. Construction of subgrade and earthen shoulder etc.	Qty vide item (1), P.No. (40)				
2485.80 m ³ @ 176.86/cum					
					RS 439639200

(Continuation)

RS 807102200

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
<u>6</u> / <u>7</u> : Construction of subgrade Qty vide item (5), P.No (31) 5744 m ³ @ 176.86/cm RS = 662164 = 00					
<u>7</u> / <u>8</u> : Construction of granular Sub-base by providing well graded material etc. Qty vide item (6), P.No (32) 9371308.53 m ³ @ 1564.16/ RS = 2046780 = 00					
<u>8</u> / <u>9</u> : Providing, laying, spreading and compacting stone aggregate of Sp. Size etc.					
Qty vide item (7), P (32) 937.38 m ³ @ 2052.45/m ³ RS = 19,23,926 = 00					
<u>9</u> / <u>10</u> : Providing & applying Primer coat with CSS-1) Qty vide item (8), P.No (32) 6059.64 m ² @ 45.55/sqm RS = 27,60,12 = 00					
<u>10</u> / <u>11</u> : Providing & applying tack coat (CSS-1) etc. Qty vide item (9), P.No (32) 6059.64 m ² @ 15.48/m ² RS = 93803 = 00					

(Continuation)

RS = 58,09,762 = 00

B/P Rs 5809262200

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
<u>11/12</u> Providing, Laying and rolling of close-graded Premix					
Surfacing material of 20mm					
Qty vide item (10), P-33					
6059.64 m ² @ 210.83/m ²					
					Rs = 12,77,554 = 00
<u>12/13</u> Construction of granular					
Sub-base by providing					
well graded material etc.					
Qty vide item (11), P-33					
643.84 m ³ @ 1564.16/m ³					
					Rs = 10,07,069 = 00
<u>13/14</u> Construction of non-reinforced, plain cement concrete					
(M-30) grade etc.					
Qty vide item (12), P-33					
1030.12 m ³ @ 7093.67/m ³					
					Rs = 73,07,331 = 00
<u>14/15</u> Laying brick siding on prepared sub-grade with					
brick corner edging etc.					
Qty vide item (13), P-33					
570 m ²					
Qty vide item (2), P-40					
1130 m ²					
Total 1200 m ² @ 504.69/m ²					
(Continuation)					
					Rs = 857,923 = 00
					Rs = 162,59,682 = 00

B/P B-16259689200

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15. providing & laying of a reinforced cement concrete pile duct 300mm dia across the road. Qty vide item (14) P. No (34) 92.50m @ 1584.06/Rm RS = 154,446200					
16 1cm stone. Qty vide item (3) P. (41) 4m @ 2086.85/m RS = 8347200					
17. 200mm Stone. Qty vide item (4) P. No (41) 14m @ 599.81/each RS = 8390200					
18 600mm Equilateral triangle Qty vide item 50, P. (41) 13m @ 3454.55/m RS = 44909200					
19 600mm Circular. Qty vide item 50, P. (41) 8m @ 4680.21/each RS = 37442200					
20 800mm x 600mm rectangular Qty vide item 50, P. (41) 13 nos @ 6581.44/m RS = 85559200					

(Continuation)

RS = 16598782200

13: 165 98 28 2200

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
24 2A (iv) 600mm x 450mm 220 angular					
Qty vide item (iv), P-41					
8 no @ 4554.75/mo					
					13 = 36438200
22 26 (i) Providing a layering of hot applied thermor					
plastic compound 2.5mm					
thick including reflectorised					
glass beads on BT surface					
Qty vide item (i), P-41					
320 m ² @ 735.44/sqm					
					13 = 235341200
23 (ii) Road marking on cc					
Qty vide item (ii), P-42					
340 m ² @ 835.34/m ²					
					13 = 284016200
24 28 Rcc boundary pillar.					
Qty vide item (7), P-42					
56 nos @ 484.52/nos					
					13 = 27,133200
25 29 Providing & erecting dire					
ction road plate identification					
retro-reflectorised sign.					
Qty vide item (8), P-42					
13 no @ 11651.88/mo					
					13 = 151474200

(Continuation)

13 = 173,33,184200

Rs 13 = 173,33184200

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
26/30. Providing & fixing of typical masonry infilling					
on board, etc.					
Qty vide item (10), P-34					
2 m ³					
Qty vide item (9), P-42					
3 m ³					
Total 5 m ³					9312.22/m ³
					@ 9812.27

Rs = 46,561200

27/31. Work on excavation for foundation of structure					
Qty vide item (16), P-34					
208.57 m ²					@ 294.73/cum

Rs = 61,428200

28/32. Providing m/s as leveling course in foundation etc.					
Qty vide item (12), P-34					
32.16 m ³					@ 4812.81/cum
					Rs = 154,780200

29/33. Plain/Reinforced Cement Concrete in sub-structure.					
Qty vide item (8), P-34					
249.97 m ³					@ 5948.88/m ³
					Rs = 14,87,042200

30/34. Providing & laying R.C. pipe NP-3 for culvert (1000 mm dia H.P.)					
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(Continuation)

Rs = 19,08,3048200

B/P N = 190 83045200

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
Qty vide item (19), P-35					
52.50 m @ 3379.29/m					
					Rs = 177413200
31. Painting on parapet 35 wall (Black and white strips) painting two coats.					
Qty vide item (10), P-42					
144.48 sqm @ 92.19/sqm					
					Rs = 14042200
					Total Rs = 19274500200
Add GST @ 12% Rs = 2312940200					
Add @ 1% Rs = 192745200					
					Gst Total Rs = 217,80,185200
Less 16% below as per agreement					Rs = 34,84,830200
					Rs = 182,95,355200
Less Previous Payment up to date					Rs = 164,24,514200
wdp 20/2/24					Rs = 18,70,841200
25/12/23					
J.E					

(Continuation)