

PMHSY Path to Sakarpur (ham hani
Diyana) under PMHSY (W.B)

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग

कार्य प्रबंधन, गणतन्त्र-2

DIVISION

Block - Baikunthpur **SUB-DIVISION**

Agency - M/S Tiwari Construction

MEASUREMENT BOOK

920

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th and final Bill					
Name of Road:-	PMDSY Path				
TO Salempur (Ganesh Sijang)					
Agency -	M/S Tiwari Construction				
Agreement No -	OISBD/PMDSY/20-21				
Date of Start -	10/07/21				
Date of Completion -	09/07/22				

Measurement					
Item 1: Earthwork in excavation for foundation of structures upto 3.00 m depth as per drawings --- E/R					
H.W	2	3.900	1.150	1.50	13.655
Below pipe	1	5.350	1.180	0.365	2.207
For 6 Nos	6	15.662	93.972	15.662	N/S
Item 2: Providing M15 (PCC 1:2:5) as levelling course in foundation --- E/R					
H.W	2	3.900	1.150	0.150	1.3655
Below pipe	1	5.311	1.130	0.250	1.500
For pipe	0.750	0.7857	0.830	0.830	0.791
					2.054
For Six Nos	6	2.054	12.324		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Costs</u>					
<u>Item 1 Construction of</u>					
<u>Benchmark pillar</u>					
wide paper w. 34					
5.64 Km ² @ Rs 5805.40/Km ²					32743.00
5.64 Km ² @ Rs 3363.27/Km ²					18969.00
<u>Item 2 Clearing and grubbing</u>					
<u>road land including</u>					
wide paper w. 21					
1.69 Hect @ Rs 53879.92/Hect					91057.00
<u>Item 3 Disposal of</u>					
<u>excavated cement concrete</u>					
<u>pavement</u>					
wide paper w. 21					
216.90 m ³ @ Rs 1588.86/m ³					344619.00
<u>Item 4 Construction of Subgrade</u>					
<u>& earthen shoulder</u>					
wide paper w. 21					
13933.36 m ³ @ Rs 168.82/m ³					2352730.00
<u>Item 5 Construction of</u>					
<u>embankment with</u>					
wide paper w. 36					
10606.734 m ³ @ Rs 168.82/m ³					1790628.00
10606.33					
					4538116.00

Continuation

Particulars	Details of actual measurements				Contents of area
	No.	L	B	D	
Sub. Foundation for					
Quadrant in soil					
vide page no. 22					
$8.32 \frac{1}{2} \text{ ft} @ 12.75 \frac{1}{2} \text{ ft} / \text{ft}^2 = 12$					62000
Sub 7. Construction of					
granular Subbase					
66.135 ft^2 vide page no. 37					
3716.955 ft^2 vide page no. 22					
$3782.074 \text{ ft}^2 @ 12.250 \frac{1}{2} \text{ ft} / \text{ft}^2 = 132,15,695$					132,15,695
Sub 8. Laying Bridge Soil					
Layer on base					
vide page no. 43					
$935.20 \text{ ft}^2 @ 12.479 \frac{1}{2} \text{ ft} / \text{ft}^2 = 12,17,153$					12,17,153
Sub 9. Providing and Laying					
spreading and compacting					
stone aggregates					
$29.26 \text{ ft}^2 @$ vide page no. 38					
1509.455 ft^2 vide page no. 22					
1538.715 ft^2 Limit = 1537.64 ft^2					
$1537.64 \text{ ft}^2 @ 12.4800 \frac{1}{2} \text{ ft} / \text{ft}^2 = 66,22,206$					66,22,206
Sub 10. Providing and applying					
prime coat					
vide page no. 40					
$15539.62 \text{ ft}^2 @ 12.41 \frac{1}{2} \text{ ft} / \text{ft}^2 = 15,64,380$					15,64,380
20					25512610

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 11. Providing and applying Jack coat with bitumen.					
Emulsion (RS-1) --- etc					
wide base w. 40					
15539.684^2 @ $14.14 / m^2 = 14$					219731.2 219730.00
Item 12. Providing and laying and rolling of close graded --- etc					
wide base w. 40.					
15539.684^2 @ $190.92 / m^2 = 19$					296684.02 296682.60
Item 13 Construction of					
panel concrete Paving ---					
$2.28 m^2$ wide base w. 41					
$492.75 m^2$ wide base w. 22					
$495.03 m^2$ Level = $494.98 m^2$					
$494.98 m^2$ @ $7750.11 / m^2 = 11$					3836149.00
Item 14 Reinforced concrete					
Concrete --- etc					
wide base w. 41.					
① 5+4 km Stone.					
$27 m^2$ @ $4294.68 / each = 11$					8589.00
(ii) Ordinary km Stone.					
$4.00 m^2$ @ $2654.97 / each = 11$					10620.00
(iii) 200H Post.					
$25 m^2$ @ $678.55 / each = 11$					16964.00
					1532571503.2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 15 Painting two coats including primer coat - etc.					
vide page no. 41.					
$183.92 \text{ m}^2 @ \text{Rs } 102.28/\text{m}^2 = \text{Rs } 18697.00$					
Item 16 Providing and applying 2 coats - etc.					
vide page no. 41.					
$262.20 \text{ m}^2 @ \text{Rs } 93.58/\text{m}^2 = \text{Rs } 24588.00$					
Item 17 Providing and laying of hot asphalt - etc.					
vide page no. 42					
$1083.40 \text{ m}^2 @ \text{Rs } 705.98/\text{m}^2 = \text{Rs } 764859.20$					
Item 18 Providing and fixing of typical MNGSY -					
vide page no. 42					
$2.00 \text{ Nos} @ \text{Rs } 13050.59/\text{each} = \text{Rs } 26101.00$					
$2.00 \text{ Nos} @ \text{Rs } 12050.59/\text{each} = \text{Rs } 24101.00$					
Item 19 600mm agitator					
vide page no. 42					
$36.00 \text{ Nos} @ \text{Rs } 3593.66/\text{Nos} = \text{Rs } 129372.00$					
Item 20 600mm circular					
vide page no. 42					
$46.00 \text{ Nos} @ \text{Rs } 4843.30/\text{Nos} = \text{Rs } 222792.00$					
Item 21 600mm x 450mm					
vide page no. 42					
$8.00 \text{ Nos} @ \text{Rs } 4141.72/\text{each} = \text{Rs } 33134.00$					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Jan 27 900mm Octagon					
wide page w. 42					
2.00 Nos @ 127904.69/each = 25809.00					
Jan 28 Providing and laying					
300mm Dia Rec					
wide page w. 42					
97.50mm @ 838.94/each = 81800.00					
Jan 29 Planting of trees					
and their					
wide page w. 43					
408.00 Nos @ 1255.60/each = 512260.80					

Jan 30 Earthwork in.					
excavation for foundation - 8					
93.97 m ² wide page w. 25					
37.62 m ² wide page w. 27					
55.16 m ² wide page w. 29					
55.95 m ²					
120.86 m ²					
120.87 m ² wide page w. 31					
307.50 m ² @ 1283.93/m ² = 394725.20					
Jan 31 Sand filling in					
trenches					
2.86 m ² wide page w. 27					
5.17 m ² wide page w. 29					
7.18 m ² wide page w. 31					
118.26 m ² wide page w. 43					

Continuation

133.47 @ 444.32/m² = 59383.00

133.20

59183.00

34403235.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item 32 Brick P/lat Soling					
Foundation trenches - - -					
90.99 m² wide base w					
28.64 m² wide base w					
51.49 m² wide base w					
40.18 m² wide base w					
1182.60 m² wide base w					
263.78 m² @ 1/4 m = 295.14 m²					369344.2
1251.42					372815.00
Item 33 Boundary PCC					
Grade 415 for plain - - -					
12.32 m² wide base w					
6.17 m² wide base w					
9.78 m² wide base w					
12.72					
11.49 m² wide base w					
143.89 m² wide base w					
183.65 m² @ 1/4 m = 6506.33 m²					1193.888 = 00
185.22 m² @ 1/4 m = 183.65					
Item 34 Brick masonry work.					
in cement mortar - - -					
90.99 m² wide base w					
26.51 m² wide base w					
30.05 m² wide base w					
149.55 m² @ 1/4 m = 5756.26 m²					860849.00
8655 Pounding and laying					
1000 mm dia Rec pipe - - -					
7.50 m wide base w					
7.50 m wide base w					
15.00 m @ 1/4 m = 3800.26 m²					57004.00

Continuation

36885320.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Item 36</u> Plastering with					
Cement mortar --- 1:2					
235.182 m ² wide base w-26					
36.40 m ² wide base w-28					
43.82 m ² wide base w-30					
516.78 215.40 m ² @ 190.02 / m ² = 41599.32 = 00					
<u>Item 37</u> Providing R.S.M.					
Cement punning --- 1:1					
48.96 m ² @ wide base w-26					
13.26 m ² wide base w-28					
16.72 m ² wide base w-30					
78.94 m² @ 15.60 / m² = 1231.32 = 00					
<u>Item 38</u> Providing Reinforced					
Cement RCC Grade --- 1:2					
wide base w-32					
65.42 m ² @ 128.269.84 / m ² = 841013 = 00					
<u>Item 39</u> Backfilling behind					
abutment wing wall --- 1:1					
wide base w-32					
23.70 m ² @ 3463.29 / m ² = 82080 = 00					
<u>Item 40</u> Providing Neophols.					
in brick masonry / stone ---					
wide base w-32					
59.00 Nos @ 83.91 / Nos = 49531 = 00					
<u>Item 41</u> Providing chalking.					
boulder apron --- 1:1					
wide base w-32					
31.86 m ² @ 4405.53 / m ² = 140360 = 00					

Continuation

377/80492

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Idr 42 Supplying + fitting and laying HYDRA- wide paper - 34					192 906 =
3.85					1939
3.8747 @ 25/05/40					NI = 193908 = 00
Idr 43 Providing and laying Rec Goodmudg Pipe NP3 — — — —					
wide paper - 26					
45.0000 @ 25/11/38					1199512 = 00
					1138013/47 = 00
Add L. less —					11380742 = 00
Add G. L. 12 1/2					11380105 = 00
					114568965 = 00
					11456125 = 00
					114352385 = 00
					114352385 = 00
Less Previous payment					322 48 146 = 00
					111200671 = 00
					112086422 =
(Pkt) 13/6/22					C & P.
2'E					13/6/22