

Khizer Sani

Gaya - Ishlambar To Sahabgarh Road To Damar Bigha

Schedule XIV-Form No. 134

MMGSY (NDB)

SANTAY KUMAR

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

1099

2nd and final Bill

29

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W :-	Gaya - Ishalambur to Shabojia Road To Damer Bigha.				
Agency :-	Sanjay Kumar				
Agreement No :-	23SBD/2023-24				
Date of Commencement :-	21/09/2023				
Date of Completion :-	20/09/2024				
WORK COMPLETED UNDER THE ORDER OF THE DISTRICT ENGINEER, ROAD & BRIDGE, GAYA					
EXCUTING EMBANKMENT					
Record Measurement					
①	Earthwork in Excavation for roadway in Soil - do -				
Bulder Apron	2	$2 \times 3 \times 3$	Box Culvert	$12.90 \times 6.30 \times 0.600$	$= 92.36$
Cut off Wall	2	$18.19 \times 1.80 \times 0.600$			$= 32.29$
Bulder Apron	2	$2 \times 3 \times 4$	Box Culvert	$12.42 \times 6.30 \times 0.600$	$= 93.90$
Cut off Wall	2	$18.42 \times 1.80 \times 0.600$			$= 39.79$
600mm H.P.C.					
H.W.	2	$2 \times 2 \times 3.90 \times 1.15 \times 1.50$			$= 26.91$
Below pipe	2	$1 \times 5.35 \times 1.13 \times 0.37$			$= 4.41$
T. Qty = 296.460m ³					
03/04/24 J.E.					
04/04/24 M.E.					

Continuation

Abstract of Cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/1) Construction of Reference and Working Benchmarks — do —					
Vide T.M.B. P-20					
Qty = 2 Nos.					
① Rs 4202.40/Each					
= Rs 8405.00					
(2/1) Construction of Reference pillar — do —					
Vide T.M.B. P-20					
Qty = 6 Nos.					
① Rs 1936.22/Each					
= Rs 11617.00					
(3/2) Clearing and grubbing road land — do —					
Vide T.M.B. P-21					
Qty = 0.94 Hect.					
① Rs 72640.00/Hect					
= Rs 68282.00					
(4/6) Construction of Embankment for lead upto 1000m — do —					
Vide T.M.B. P-30 item (i)					
Qty = 3229.86 m ³					
Limit Qty = 3226.05 m ³					
① Rs 253.57/m ³					
= Rs 843386.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/5) Construction of Embankment for road upto 100 m — do — Vide T.M.B. P-59 item (ii) Qty = 2219.91 m ³ Limit Qty = 2217.37 m ³ ① Rs 171.09/m ³ = Rs 379370.00					
(6/7) Construction of Sub-grade and Forester Shoulder — do — Vide T.M.B. P-21 Qty = 4631.94 m ³ Vide T.M.B. P-35 Item (17) Qty = 143.52 m ³ Total Qty = 4775.46 m ³ ① Rs 256.93/m ³ = Rs 1226959.00					
(7/58) Supplying and Providing NP-3 300mm Dia H.P. Vide T.M.B. P-22 Qty = 4 Nos. ① Rs 10484.79/Each = Rs 41939.00					
(8/16) Providing and Fixing of MMGSY Logo Board — do — Vide T.M.B. P-22 Qty = 2 Nos. Vide T.M.B. P-36 Item (20) Qty = 2 Nos. T. Qty = 4 Nos. ① Rs 5525.41/Each Continuation = Rs 22102.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>9/24239</u> Earthwork in Excavation for roadway in Soil - do - Vide T.M.B. P-22 Qty = 190.36 m ³ Vide T.M.B. P-29 item (1) Qty = 296.46 m ³ T. Qty = 486.82 m ³ ② Rs 383.28/m ³ = Rs 186588.00					
<u>10/25+40</u> Providing Cement Concrete in open foundation Complete (M15)					
Vide T.M.B. P-5 item (8) Qty = 29.97 m ³ Vide T.M.B. P-30 item (2) Qty = 5.50 m ³ T. Qty = 35.47 m ³ ③ Rs 5652.77/m ³ = Rs 200504.00					
<u>11/28+43</u> Supplying, fitting and Placing Top Steel reinforcement - do - Vide T.M.B. P-23 Qty = 21.526 MT ④ Rs 81807.90/MT = Rs 1760997.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{12}{27+42}$	Furnishing and Placing RCC in Super Structure (RCCMS) Vide T.M.B. P-23 Qty = 283.37 m ³ ① Rs 7287.87/m ³ = Rs 2065164.00				
$\frac{13}{29+44}$	Providing Weepholes at 1m interval — do — Vide T.M.B. P-24 Qty = 104 Nos. ① Rs 87.58/Each = Rs 9108.00				
$\frac{14}{30+45}$	Backfilling Behind Abutment, Wing Wall and return Wall — do — Vide T.M.B. P-24 Qty = 168.75 m ³ ① Rs 971.23/m ³ = Rs 163895.00				
$\frac{15}{31+46}$	Providing and Laying Filter media with G.S.B. — do — Vide T.M.B. P-24 Qty = 67.50 m ³ ① Rs 1927.48/m ³ = Rs 130105.00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16 39+52					Drainage Spout - do -
					Vide T.M.B. P-24
					Qty = 8 Nos.
					① Rs 303.61/Each
					= Rs 2429.00
17 38+53					Construction of Embankment
					with material obtained
					from roadway cutting
					Vide T.M.B. P-25
					Qty = 585.00 m ³
					② Rs 171.00/m ³
					= Rs 100088.00
18 8					Construction of G.S.B. - do -
					Vide T.M.B. P-25
					Qty = 1100.76 m ³
					③ Rs 1659.52/m ³
					= Rs 1826733.00
19 9					WBM Gr - III - do -
					Complete Job -
					Vide T.M.B. P-25
					Qty = 446.70 m ³
					④ Rs 2614.25/m ³
					= Rs 1167785.00
					P.T. D -

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20 26+41	Providing Cement Concrete in open foundation (PCC M20)				
	Vide T.M.B. P-30 item (4)				
	Qty = 73.01 m ³				
	① Rs 6580.96/m ³				
	= Rs 480476.00				
21 32+47	Painting on parapet wall — do —				
	Vide T.M.B. P-36 item (18)				
	Qty = 11.68 m ²				
	② Rs 115.706/m ²				
	= Rs 1351.00				
22 33+48	Providing and Laying boulder pitching — do —				
	Vide T.M.B. P-31 item (5)				
	Qty = 295.20 m ³				
	③ Rs 2200.80/m ³				
	= Rs 649676.00				
23 34	M15 Below Approach Slab — do —				
	Vide T.M.B. P-31 item (6)				
	Qty = 7.875 m ³				
	④ Rs 5652.77/m ³				
	= Rs 44516.00				
	P.T.O.				

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
24 49	M15 Below Approach			
	Slab — do —			
	Vide T.M.B. P-31 item (7)			
	Qty = 7.875 m ³			
	① Rs 6580.96/m ³			
	= Rs 51825.00			
25 35+50	M30 Below Approach			
	Slab — do —			
	Vide T.M.B. P-31 item (8)			
	Qty = 31.50 m ³			
	① Rs 16336.74/m ³			
	= Rs 514607.00			
26 36+51	Providing and Laying			
	Cement Concrete Wearing			
	Course (M30)			
	Vide T.M.B. P-32 item (9)			
	Qty = 14.376 m ³			
	① Rs 16474.99/m ³			
	= Rs 236844.00			
27 14	Construction of Un-reinforced			
	P.C.C. (M30)			
	Vide T.M.B. P-32 item (10)			
	Qty = 257.01 m ³			
	① Rs 6700.50/m ³			
	= Rs 1722096.00			

Continued

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28/10) Providing and Applying Primer Coat — do — Vide T.M.B. P-33 item (11) Qty = 4352.48 m ² @ Rs 60.10/m ² = Rs 261584.00					
(29/11) Providing and Applying Tack Coat — do — Vide T.M.B. P-34 item (12) Qty = 4352.48 m ² @ Rs 20.59/m ² = Rs 89618.00					
(30/12) Mix Seal Surfacing — do — Vide T.M.B. P-34 item (13) Qty = 4352.48 m ² @ Rs 220.80/m ² = Rs 961028.00					
(31/21) Mix Seal Surfacing — do — Vide T.M.B. P-34 item (14) Qty = 97.20 m ² @ Rs 220.80/m ² = Rs 21462.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
32 19+22					Road Marking with Hot applied Thermoplastic on P.T. Vide T.M.B. P-35 item (15) $Qty = 233.60 m^2$ $\text{Rs } 777.83/m^2$ $= \text{Rs } 181701.00$
33 20					Road Marking with Hot applied Thermoplastic on C.C. Vide T.M.B. P-35 item (16) $Qty = 84.00 m^2$ $\text{Rs } 808.23/m^2$ $= \text{Rs } 67891.00$
34 15(ii)					R.C.C. MIS Grade Ordinary Km Stone — do — Vide T.M.B. P-36 item (19) $Qty = 3 Nos$ $\text{Rs } 2510.54/Each$ $= \text{Rs } 7532.00$
35 15(iii)					R.C.C. MIS grade 200m Stone (Recast) Vide T.M.B. P-36 item (20) $Qty = 5 Nos.$ $\text{Rs } 742.40/Each$ $= \text{Rs } 3712.00$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>36</u> 18	Boundary Pillar				
	Rcc MIS grade — do —				
	Vide T.M.B. P-36 item (22)				
	Qty = 40 Nos.				
	① Rs 715.52/Each				
	= Rs 28621.00				
<u>37</u> 18(i)	600mm Equilateral Triangle — do —				
	Vide T.M.B. P-37 item (23)				
	Qty = 5 Nos.				
	① Rs 2858.04/Each				
	= Rs 14290.00				
<u>38</u> 18(ii)	800mm X 600mm Rectangular —				
	Vide T.M.B. P-37 item (24)				
	Qty = 6 Nos.				
	① Rs 6470.22/Each				
	= Rs 38821.00				
<u>39</u> 18(iii)	600mm X 450mm Rectangular —				
	Vide T.M.B. P-37 item (25)				
	Qty = 7 Nos.				
	① Rs 4128.99/Each				
	= Rs 28903.00				
<u>40</u> 18(iv)	900mm Side Octagon — do —				
	Vide T.M.B. P-37 item (26)				
	Qty = 5 Nos.				
	① Rs 8610.77/Each				
	= Rs 43054.00				

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	By	
(41/24) Planting of Tree by the road side — do —				
Vide T.M.P. P-37 item (27)				
Qty = 113 Nos.				
Rs 1237.32/Each				
= Rs 139817.00				
Total = Rs 153107.				
Total = Rs 15804881.00				
Add 18% G.S.T & 1% L.C. = Rs 3002927.00				
Add S.F. 10% of Material = Rs 248030.00				
Total = Rs 19055838.00				
Less 0.11% Below = Rs (-) 20961.00				
Total = Rs 19034877.00				
Less Previous Payment = Rs (-) 11685434.00				
Net Total = Rs 7349443.00				
19/09/24 J.E.				
20/09/24 A.E.				
C.P. 12/10/25 A.E.				

Continuation