

अधिका-Construction of Road from Diman Brahman Str
to Thakur Tola Khoriya, in chorust Block under

Schedule XIV-Form No. 134 MM45Y(4EN)

अनुविष्टा विभागा विभागा, गुवा- DIVISION

अनुविष्टा विभागा विभागा, गुवा- SUB-DIVISION

MEASUREMENT BOOK

10-2350

अधिका- Praveen Kumar, Sitamarhi,

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
N/Work:-	Construction of MMS road from				To Thakur
	Simari Brahamdhan				Chorant-
	Tuk Khatiya in				Block.
By:-	Praveen Kumar-				
	Kailashpur, Dumra,				
	Work No - 09				Sitamarkhi
Forcast No/Date:-	25/SBD/				MMS
	2020-21				Date 10.07.2020
Date of Start:-	10.07.2020.				
Date of Completion	09.07-2021.				
Bill No - 3rd on 4th Bill -					
Date of measurement:-					
(A) Construction of road works:-					
(1) Construction of G.S B by providing					
Well graded material, spreading					
in uniform layers with grain -					
<u>Right road -</u>					
	$2 \times 30.00 \times \left(\frac{3.75 + 3.85}{2} \right) \times 0.10$				22.80
	3	30.00	3.75	0.10	33.75
	$1 \times 30.00 \times \left(\frac{3.75 + 3.95 + 3.85}{3} \right) \times 0.10$				11.55
	$1 \times 20.00 \times \left(\frac{3.85 + 4.00 + 5.70}{3} \right) \times 0.10$				9.50
Totally					77.60 m ³ .
(2) Providing, laying spreading and					
compacting stone aggregate					
of specific size to WBM Gr.					
(ii).					

Particulars	Details of actual measurement				Contents of area
	No	L	B.	D.	
(1) Fencing and fixing of working bench mark pillars.					
alg vide TMB-B- (20)					
alg 3.30 Km @ 4264.37/Km =					14072.0
(2) Reference pillar -					
alg vide TMB-P- (20)					
alg 3.30 Km @ 1975.78/Km =					6520.00
(3) Clearing and grubbing road land by using manual means					
alg vide TMB-P- (20)					
alg 2.3 Ha @ 49496.70/Ha =					114337.0
(4) Excavation for road land in soil using manual means.					
alg vide TMB-B- (20)					
alg 198.00 m ³ @ 74.10/m ³ =					14672.00
(5) Construction of embankment with material obtained from borrow pits. P- (21).					
(A) Lead 100m					
alg 469.20 m ³ @ 175.11/m ³ =					82162.00
(B) Lead 100m.					
alg vide TMB-P- 21					
alg 1570.80 m ³ @ 138.27/m ³ =					217134.00

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(c) <u>Existing sub-grade and earth shoulder 4.00 m wide</u> obtained from bore logs.				
(A) <u>Flexible road</u> - alg vide TMB-P- (21)				
alg $2072.00 \text{ m}^3 @ 176.75/\text{m}^3$				362691.00
(B) <u>Rigid road</u> - alg vide TMB-P- (51)				
alg 207.38 m^3				
alg 43.76 m^3				
Total alg $251.14 \text{ m}^3 @ 176.75/\text{m}^3$				44327.00
(07) <u>Construction of G.C.B. bed</u> <u>Providing well graded</u> <u>material spread in uniform</u> <u>layers.</u>				
(A) <u>Flexible road</u> - alg vide TMB-P- (22)				
alg $1282.08 \text{ m}^3 @ 2795.57/\text{m}^3$				35,84,110.00
(B) <u>Rigid road</u> alg vide TMB-P- 22 -				
alg - 78.71 m^3				
alg $77.60 \text{ m}^3 @ (22)$				
Total alg $156.31 \text{ m}^3 @ 2795.57/\text{m}^3$				436977.00
(08) <u>Providing, empty spreading and compacting with W.P.M 48 - (11)</u> (A) <u>Flexible road</u> - alg vide TMB-P- (22)				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg 557.706 m ³ @ 2400.821 m ³					1296649.61
					1296663.00
(8) Right road.					
alg vide TMB 8-22					
alg 213.31 m ³ @ 2400.821 m ³					
alg 272.01 m ³					= 935000.00
(9) Providing and applying with bitumen emulsion (SS)					
alg vide TMB 8-22					
alg 3442.20 m ² @ 41.29/m ²					142528.00
(10) Providing and applying with Bitumen emulsion (PS)					
alg vide TMB 8-22					
alg 3442.20 m ² @ 14.00/m ²					48131.00
(11) Providing laying and rolling of close graded Premix Surfacing with 20mm thick					
alg vide TMB 8-22					
alg 3442.20 m ² @ 199.31/m ²					= 686065.00
(12) Providing and laying Plain cement concrete Pavement M30.					
alg vide TMB 8-22					
alg 305.71 m ³ @ 7838.08/m ³					= 2396179.00
(13) Providing and laying 300 mm dia Hume pipe					
dwg-					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg vide TMB P. 22					
alg 50.00m @ 878.33/m					
				⇒	43917.00.
(14) Providing and fixing of logo of MMGSY sign board.					
alg vide TMB P. (23)					
alg 4.00 nos @ 11064.91/No					44260.00.
(15) (1) Earth Work in excavation for structure					
alg vide TMB P. (27)					
alg 186.36 m ³ @ 260.59/m ³					48564.00
(16) (2) Sand filling in foundation					
trans as per drawing					
alg vide TMB P. (28)					
alg 2.51 m ³ @ 397.32/m ³					997.00
(17) (3) P.C.C M.S in foundation					
alg vide TMB P. (28)					
alg 24.79 m ³ @ 6307.69/m ³					157629.00
(18) (4) Brick masonry work in CM (1:4) in foundation sub					
struct alg vide TMB P. (28)					
alg 52.52 m ³ @ 6026.08/m ³					316489.00
(19) (5) Brick masonry in CM (1:4) in sub structure and					
kerb -					
alg vide TMB P. 28					
alg					

S-18 REVENUE TAX

Particulars	DAYS OF ACTUAL WORK			Estimated Amount
	NO.	L	S	
(15) Monday	8.1.14	10.24.14		
Break (1st)				
alg	video	7.11.14	1.5.14	
alg	8.11.14 ³ 10.11.14. 50.11.14			21.24.14
(16) Brick masonry in (1st)				
1.4 (intermediate)				
alg	video	7.11.14	1.5.14	
alg	10.1.20.14 ³ 575.1.20.14			663.1.20.14
(17) (1) Monday				
finishing 1st & 2nd				
finishing 1st & 2nd				
finishing				
alg	video	7.11.14	1.5.14	
alg	28.20.14 ² 10.10.14 ²			28.20.14
(20) (2) Monday and long line				
concrete in super				
structure				
alg	video	7.11.14	1.5.14	
alg	9.22.14 ³ 2.31.20.14 ²			755.20.14
(23) (3) Supplying and laying				
in position				
bar reinforcement				
in superstructure				
alg	video	7.11.14	1.5.14	
alg	1.17.14 54.631.66/14			63.713.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(24) (b) Providing and Applying 30-A peeling compound with coarse sand bitumen				
Qty vide TMB-P. (24)				
Qty 30.00m @ 35.19/m				
			=	1056.00/-
(25) (16) Brick masonry work in parapet in CM (1:3)				
Qty vide TMB-P. (25)				
Qty 7.68m ³ @ 6016.90				
			M ³ ⇒	46210.00
(26) (17) plastering with C.M (1:4) on brick wall:-				
Qty vide TMB-P. (26)				
Qty 137.11m ² @ 199.91/m ²			⇒	27410.00
(27) Painting two coats on new brick masonry.				
Qty vide TMB-P. (27)				
Qty 53.12m ² @ 95.63/m ²				5080.00/-
Subtotal Amount (Rs)				124,64,451.00
(a) add @ 1% L.Cess.				1,24,645.00
(b) add @ 12% GST				14,95734.00
Total Sum (L.Cess + GST) =				1,40,84,830.00
Less @ 2.55% below as per contract -				3,59,163.00
Net Amount (Rs)				1,37,25,667.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Amount B/F Rs .				13725	667.00
Less Previous R.A Bill (-) Amount (1st & 2nd on A/C Bill)				9794	577.00
Net Payable Amount -				39310	90.00/-
Says Rs 3931090.00/-					
<i>Inspected</i> 16/01/2023 JE					
<i>Checked</i> 02.05.23 A.H					
<i>CEP</i> 04.05.23					