

Name of work:- Construction of MMSY Road from NH104
to Sunderpur Tola in Surxand Block (Sitamarhi)
Schedule XLV-Form No. 134

Head - mmbsy (sc)

आमो को पिआओ को सिसे, सुप DIVISION

आमो को पिआओ को सिसे, सुप SUB-DIVISION

MEASUREMENT BOOK

No-2380

Name of Agency:- Dilip Kumar, Dumra, Sitamarhi

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/NOM:-	Construction of MMGSY road				
	from	NH	104 To	Sunder Tola	
	in	Sunder block.			
Agency:-	Dilip Kumar, Amghata, Dumra				
	Sitamarhi				
Agreement No:-	MMGSY/64/SBD/				2020-21
Date of start:-	08/03/2021				
Actual Date of completion:-	05/03/2022				
- Abstract of cost :-					
(A) Abstract cost of road construction work:-					
(1) Providing and fixing working					
berch mark pillars-					

at vide	TMB - P-18			
at 1.23 km @	4259.33/km	⇒	5239.00	
(2) Reference pillar				
at vide	TMB - P-18			
at 1.23 km @	1973.15/km	⇒	2427.00	
(3) clearing and grubbing road				
land by manual means.				
at vide	TMB P-18			
at 0.86 Ha @	49496.70/Ha	⇒	42567.00/-	
(4) Excavation for road way				
on soil using manual means				
Box cutting both side of				
BESalling				
at vide	TMB - P-18			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
dy vide	TMB	P-18			
dy 84.75 m ³ @	74.10	m ³	⇒		6280.00
(5) Construction of Embankment with material obtained from borrow pits -					
(A) Lead up to 1000 m.					
dy vide	TMB	P-18			
dy 507.69 m ³ @	175.11	m ³	⇒		88902.00
(B) Lead up to 100 mt.					
dy vide	TMB	P-19			
dy 1641.21 m ³ @	138.27	m ³	⇒		226930.00
(6) Construction of subgrade and earthen shoulder material obtained from borrow pits -					
(A) Flexible road -					
dy vide	TMB	P-19			
dy 512.36 m ³ @	176.75	m ³	⇒		90560.00
(B) Rigid road -					
dy vide	TMB	P-19			
dy 221.94 m ³ @	176.75	m ³	⇒		39228.00
(7) Construction of GSB by providing well graded material spread in uniform layers -					
(A) Flexible road -					
dy vide	TMB	P-19			
dy 385.47 m ³ @	2779.81	m ³	⇒		1071533.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Rigid road :- alg vide TMB P-19.					
alg 161.33 m ³ @ 2775.31/m ³				⇒	448467.00
(8) Providing laying spreading and and compacting stone aggregate WBM-Gr-II.					
(A) Flexible road.					
alg vide TMB P-20					
alg 200.81 m ³ @ 3381.76				⇒	679091.00/-
(B) Rigid road					
alg vide TMB P-20					
alg 152.04 m ³ @ 3381.76/m ³				⇒	514163.00
(9) Providing and applying Primer coat of Bitumen emulsion (SS1)					
alg vide TMB P-20					
alg 2677.25 m ² @ 41.29/m ²				⇒	110544.00
(10) Providing and applying tack coat of bitumen emulsion (RS1)					
alg vide TMB P-20					
alg 2677.25 m ² @ 14.00/m ²				⇒	37482.00
(11) Providing laying and rolling of closed graded premix carpet - 20 mm thick					
alg vide TMB P-20					
alg 2677.25 m ² @ 198.94/m ²				⇒	532612.00
Total Amount (Rs)					3896025.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Construction of plain cement-concrete Pavement (M30)					
alg vide TMB-P-20					
alg 324.34 m ³ @ 7818.25/m ³					⇒ 2535771.00
(13) Providing and fixing M15 grade concrete.					
(i) Km stone.					
alg vide TMB-P-21					
alg 02 Nos @ 2483.2443.81 each =					4888.00/-
(ii) 200 m stone -					
alg vide TMB-P-21					
alg 05 Nos @ 647.85 each ⇒					3239.00
(14) Providing and fixing M15 grade cement Banding pillar.					
alg vide TMB-P-21					
alg 40.00 Nos @ 485.83 each ⇒					19433.00
(15) Providing and fixing retro reflective sign board.					
(i) 800 mm Circular / Speed limit.					
alg vide TMB/P-21.					
alg 8.00 Nos @ 4884.41 each =					39075.00
(ii) 900 mm equilateral triangle.					
alg vide TMB-P-21					
alg 04 Nos @ 5531.02 each ⇒					22124.00/-
Total amount (Rs)					65,20,555.00

P/F 01 6520555.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) 600mm x 1150mm rectangular					
alg vide TMB P-21					
alg 04 Nos @ 4753.75 each $\Rightarrow$					19036.4
(16) Providing and laying of hot applied thermoplastic compound on flexible road.					
alg vide TMB P-22					
alg 140. m ² @ 735.40 / m ² $\Rightarrow$					1,02,956.00
(17) Providing and laying of hot applied thermoplastic compound on rigid road					
alg vide TMB P-22.					

alg 106.00 m ² @ 820.83 / m ² $\Rightarrow$					87008.00/-
(18) Providing and erecting direction sign board.					
alg vide TMB P-22					
alg 01 No @ 3247.03 each $\Rightarrow$					3247.00/-
(19) Planting of tree by the road side.					
alg vide TMB P-22					
alg 70.00 Nos @ 800.30 each $\Rightarrow$					56021.00.
(20) Providing and fixing 1080 of M.M.G.Sy. Information Citizen and - Maintenance board - sign board -					
alg vide TMB P-22.					
Total Amount (Rs)					6788823.00/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
aly 0.5 m @ 11060.25 each.					55301.00
(2) Providing and laying of R.C.C. House Pipe 300mm.					
aly vide TMB-P-23.					
aly 38.00 m @ 877.02/m					33327.0
(4) Total cost of road constn (Rs) -					6877451.0
(B) Cost of H.P. culvert 600mm Dia (01 No)					
(1) Earthwork in excavation for foundation of structure.					
aly vide TMB-P-23.					
aly 15.66 m ³ @ 260.57/m ³					4081.00
(2) Providing M15 grade of concrete in foundation for leveling					
course.					
aly vide TMB-P-23.					
aly 2.85 m ³ @ 6289.36/m ³					17925.00
(3) Providing and laying Plain concrete in open foundation.					
aly vide TMB-P-23.					
aly 13.87 m ³ @ 6914.40/m ³					95903.00/-
(4) Providing and laying NP3 600 mm Dia.					
aly vide TMB-P-23					
aly 7.30 m 7.50 m @ 1718.61/m					12890.00/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(65) Providing two coat including primer coat after filling the surface with synthetic enamel paints					
Qty vide + MIB P-24					
Qty 60.84 m ² @ 95.63/m ² =					5818.00/-
(B) Total Qty Amount (Rs)					1,36,617.00/-
(H.P.) Hume pipe culvert)					
Summary of Abstract of cost.					
(A) Cost of road constn. (P-31)					Rs 68,77,451.00
(B) Cost of H.P. culvert (P-32)					Rs 1,36,617.00
Total Amount (A+B)					Rs 70,14,068.00.

(c) add @ 1% L. cess -	(+) Rs	70,141.00.
(b) Add @ 12% GST	+(Rs)	8,41,688.00.
Total Amount	Rs	79,25,897.00.
Less @ 10.37% below as per Agreement	(-) Rs	8,21,916.00
G. Total Amount after deduction)	Rs	71,03,981.00/-
Less Previous R.A Bill Amt (-)		54,78,225.00/-
Net Payable Amount (Rs)		16,25,756.00/-
Say Rs 16,25,756.00/-		

Shades
20/12/22
JE.

Chaitanya
13-02-2023

C & P
N
17.2.23