

MMGSY (GEN)
Name of work: - Construction of MMGSY road from Barauli chowk To Barauli
Dusadh Tola in Suxant Block.

Schedule XLV-Form No. 134

Length of road - 1.90 km (BT - 1.70 km, CC - 0.200 km)

Agreement No / Date: - MMGSY/53/SBD/2021-22 Date 12.11.2021.

ग्रामीण कार्य विभाग, कार्य प्रभाग, पुरी DIVISION

ग्रामीण कार्य विभाग, कार्य अंतर SUB-DIVISION
उमंडल, सुसंत

MEASUREMENT BOOK No 2499

Agency: - Suwarna Suman - Muzaffarpur.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work:-	Construction of Road				Banaul
	Chowk to Banauli Dushadhi Tola				
	in sursand block.				
Agency:-	Suharna Saman,				
	At po Bharnan, P.S Sakara				
	Dist Muzaffarpur - (Bihar)				
Agreement no:-	MM 457/53/SBD/2021-22				
	Date 12-11-2021.				
Date of start:-	12-11-2021				
Date of completion:-	17-11-2022				
Date of measurement:-	16.05-2022				

1) 5) Box cutting:- Excavation for road way in Soil with manual means for carrying of cut soil/earth to embankment.					
Box side (BT) BES-	2	200	0.525	0.10	21.00m ³
02) (E) Construction of Embankment with material obtained from borrow pits.					
	1	30.00	6.00	0.30	72.00
				0.46	54.00
	2	30.00	6.00	0.30	108.00
				0.40	144.00
	3	30.00	6.00	0.38	162.00
					205.20
	1	20.00	6.00	0.30	36.00
Totally					360.00m ³
					457.20m ³

- Abstract of cost -
2nd on A/C Bill -

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
01) (a) Paving and fixing				Working	
bench mark		Pillar -			
alg vide TMB	P-07				
alg 1.90 Km	@ 4015.40/Km				7629.00
(b) Reframe pillar.					
alg vide TMB	P-07.				
alg 1.90 Km	@ 1845.98/Km				3507.00
02) Clearing and grubbing					
road land by manual					
means, including uprooting					
wild vegetation.					
alg vide TMB	P-07.				
alg vide TMB	P-07				
alg 1.33 Ha	@ 52970.33/Ha				70451.00
(3) Dismantling of cement					
concrete pavement					
alg vide TMB	P-07				
alg 15.00 m ³	@ 1128.00/m ³				16920.00
(4) Box cutting construction					
embankment with excavation					
for road way in soil using					
manual means.					
alg vide TMB	P-07				
alg 130.50 m ³ .					
alg 21.00 m ³	P-(12)				
T. alg 151.50 m ³	@ 75.97/m ³				11449.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Construction of embankment					
with material obtained					
from borrow pits.					
alg vide TMB P-07.					
(a) Lead upto 1000 mt					
alg	189.00	2700.00	m ³		
alg P-12		457.20	m ³		
Total alg		3157.20	m ³		
(a) Lead upto 1000 mt					
alg vide TMB P-07					
alg	189.00	m ³			
alg	20.95	m ³			
Total	209.95	m ³	@ 190.57	m ³	40010.00
(b) Lead upto 100 mt					
alg vide TMB P-07.					
alg	2511.00	m ³			
alg	436.25	m ³	152.15		
Total alg	2947.25	m ³	@ 151.76	m ³	448424.00
(c) construction of subgrade and earthen shoulders -					
material obtained from					
borrow pits.					
(a) Flexible road -					
alg vide TMB P-03 -					
alg	873.00	m ³			
alg	1224.00	m ³	P-13-		
Total alg	2097.00	m ³	@ 191.76	m ³	4,02,121.00/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(B) Rigid road-					
align vide TMB P-(13)					
align 83.73 m ³ @ 191.76/m ³					16060.001
(7) construction of G.S.B. by providing well graded material spreading in uniform layer. (A) Flexible road-					
align 915.81 m ³					
align 130.56 m ³ P-(14)					
T. align 1046.37 m ³ @ 2652.65/m ³					27,75,653.0
(B) Rigid road					
align vide TMB P-02 -					
align 20.57 m ³ @ 2652.65/m ³					54565.00
(08) Providing base spreading and compacting WBM-62					
III-					
(A) Flexible road -					
align vide TMB P-08 -					
align 423.07 m ³					
align 64.60 m ³ P-(14)					
T. align 487.67 m ³ @ 3228.391/m ³					15,74,389.00
(B) Rigid road -					
align vide TMB P-08 -					
align 57.38 m ³ @ 3228.391/m ³					185245.00
(09) Priming and applying bituminous emulsion 2S, on prepared surface.					
Surface.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg vide TMB-P-15					
alg 6502.30m ² @ 40.74/m ² =					264904.00
(10) Providing and applying					
truck cut with bitumen					
emulsion (RS ₁) as proposed					
surface. alg vide TMB-P-16					
alg 6502.30m ² @ 13.93/m ² =					90577.00
(11) Providing laying and rolling					
of bitumen premix carpet					
alg vide TMB-P-16					
alg 6502.30m ² @ 197.88/m ² =					1286675.0
(12) construction of plain					
cement concrete pavement					
alg vide TMB-P-16					
alg 122.40m ³ @ 7260.76/m ³ =					888717.00
(13) R.C.C. M15 grade cantile					
(a) Km Stone -					
alg vide TMB-P-17					
alg 03 Nos @ 2297.87 each =					6894.00
(b) 200mm Stone.					
alg 8.00 No @ 594.76/each =					4759.00
(14) R.C.C. cement concrete M15					
boundary pillar -					
alg vide TMB-P-17.					

Name of Scheme

Location of

Roads

Empower

BRRDA P

F.Y -2022-23

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2022-23

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time

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg - 40.00 m		518.25	each		20730.00
(15) Painting and fixing R.C.C.					
reflective sign board -					
(a) 600 mm circular -					
alg vide TMB P-14					
alg 8.00 m		4700.00	each		37600.00
(b) 600 mm square -					
alg vide TMB P-14					
alg 04 Nos @ 5200/- each					20800/-
(c) 600 mm x 450 mm rectyale.					
alg 04 Nos @ 4625.00 each					18500.00
(16) Painting and laying of hot					
applied (thene plastic					
compand -					
(A) flexible road -					
alg 1 - 340.00 m ² @ 721.95/m ²					245463.00
(B) Rigid road -					
alg 40.00 m ² @ 721.95/m ²					28878.00
(17) Painting and laying R.C.C					
thene pipe -					
alg vide TMB P-14					
alg 6000 m @ 872.96/m					52378.00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(18) planting of trees etc. detailed plan and plan identification based alg of area 3032.10 sq. ft. 3032.00/-					
(19) planting and - for 1080 F. M. M. S. sign board alg of area 7776.00 sq. ft. 47380.00/-					
(20) planting of trees by the road side and mainly for one year alg 1701000 sq. ft. 842.62 each 143245.00/-					
Subtotal Amt (Rs) (A)					8766956.00/-
(a) Add @ 1% L. cost (B)					87670.00/-
(b) Add @ 12% GST (C)					1052035.00/-
(c) Add S.F.					122382.00/-
G. Total Amt (A+B+C) (Rs)					10029043.00/-
Less @ 0.42% or per cent amt					(-142122.00)
Net Amount (Rs)					9986921.00/-
Less GST & A Bill Amt (Rs)					363764.00/-
Net payable Amt (Rs)					4623157.00/-
Say Rs 46,23,157.00/-					
23/09/22					
24-09-2022					
10-10-22					