

Work: - Construction of MMSY road from. Idnsh Arsan

House to 1033 in suband Block. (SC)

Schedule XLV-Form No. 134

Agreement cost: - Rs. 50,20,032.00 (Construction + Maintenance)

आगीन कर्म विभाग, कार्य प्रभंजन पूर्ण. DIVISION

आगीन कर्म विभाग, कार्य प्रभंजन
सुरक्षित SUB-DIVISION

MEASUREMENT BOOK

11.0-2380B
6-4.21

Agency Name: - Danjeer Kumar. Nampur Sitamahi

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
N/Work:-	Construction of MM & Sy road from Idnish				Ans
	Howdy-To	Lo	33	in	
	Subsand block.				
Agency Name:-	Sonjeev Kumar, Nand				
	Sitamarhi (Bihar)				
Agreement NO:-	MM & Sy/39/ SBD/2020-				
Date of start:-	03.09.2020.				
Date of completion:-	02.06.2021.				
Actual Date of completion:-	29.12.2022				
Date of Measurement:-	29.12.2022.				
① Box cutting -					
Excavation for roadway					
in soil using manual means.					
for carrying of cut earth					
to embankment site					
	1x2	30.00	0.375	0.100	2.25
	2x2	30.00	0.375	0.10	4.50
	1x2	10.00	0.375	0.10	0.75
Totally					7.50m ³ .
② Construction of Embankment-					
With material obtained					
from borrow pits					
with all lifts and					
lead transport to site.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
(1) Providing and fixing of					
(a) Working benchmark pillars					
01 Nos -					
align vide TMB P - (06)					
align 0.725 km @ 4350.07/m =					3154.00
(b) Reference pillars -					
align vide TMB P - (06)					
align 0.725 km @ 2020.55/m =					1465.00
(2) clearing and grubbing					
road land by manual					
meas -					
align vide TMB P - 06 -					
align 0.51 HA @ 49496.70/HA =					25243.00
(3) Excavation for road ways					
in soil using manual.					
meas -					
align vide TMB P - 06 -					
align 9.38 m ³ .					
align 7.50 m ³ P - (10).					
T/align 16.88 m ³ @ 74.10/m ³ =					1251.00
(4) Construction of Embankment					
with material obtained					
from borrow pits -					
(a) lead up to 1000 m -					
align vide TMB P - 06.					
align 13.75 m ³					
align 130.07 m ³ P - 11					
Total align 143.82 m ³ @ 175.11/m ³ =					25184.00

Continuation

Total Amount (Rs) -

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(5) Level up to 100 m.				
alg vide TMB P-(04)				
alg 48.75 m ³				
alg 41.68 m ³				
alg 9.12.93.				
Total alg 951.68 m ³ @ 138.27/m ³				67935.0
(5) Construction of subgrade and earthen shoulders with approved material obtained from borrow pits -				
(A) Flexible road (F1)				
alg vide TMB P-(13)				
1294.87 m ³				
alg 1243.89 m ³ @ 176.75/m ³				228872.0
				228695.00
(B) Rigid road -				
alg vide TMB P-(07)				
alg 21.88 m ³				
alg 64.20 m ³				
Total alg 86.08 m ³ @ 176.75/m ³				15215.00
(06) Construction of GSB by providing well graded material spreading in uniform layers				
(A) Flexible road -				
alg vide TMB P-(14)				
alg 413.05 m ³ @ 3063.77/m ³				1265494

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(R) Rigid road	road	1-			
alg vide	TMB	P-	(07)		
alg	12.06 m ³				
alg	11.89 m ³	1-(19)			
Total alg	23.95 m ³	@ 3063.77	1 m ³		73377.1
(07) Providing	leaving spreading				
and	compacting	of			
108m 47	11				
(A) Flexible road					
alg vide	TMB	(16)			534260
alg	415 ¹⁴³ 39 05 m ³	@ 3724.88	1 m ³		534110
(9) Rigid road	143.43 m				
alg vide	TMB	P-	07		
alg	33.45 m ³				
alg	31.10 m ³	1-(16)			
T/	Annex 64.55	@ 3724.88	1 m ³		240441.1
(08) Construction of C.C. Pavement					
M 30.					
alg vide	TMB	P-(07)			
alg	71.34 m ³				
alg	66.34 66.34				
Total alg	137.68 m ³	@ 8175.28	1 m ³		1125491.00
(09) Providing and applying					1125573.00
primer coat with bitumen					
emulsion (SS1)					

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
alg vide TMB P- (17)	771	8	1	
alg 1911.91 m ² @ 11.40/m ²				19153.0 79512.0
(10) Providing and applying prime coat with bitumen emulsion (K.1)				
alg vide TMB P- (17)				
alg 1911.91 m ² @ 14.04/m ²				26843.0
(11) Providing laying and rolling close graded premix surface material 20mm thick with seal coat				
alg vide TMB P- (18)				
alg 1911.91 m ² @ 20555/m ²				393050.0
(12) R.C.C. 1:1.5 grade concrete (a) KM stone -				
alg vide TMB P- 19.				
alg 02 Nos @ 2533.72/each ⇒				5068.00
(b) 300mm stone -				
alg vide TMB P- (19)				
alg 03 Nos @ 664.10 each =				1992.00
(13) Providing and laying of hot applied thermo plastic compound.				
(i) In flexible road (RT)				
alg vide TMB P- (19)				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg	100.00 m ²	735.40 m			73540.00
(ii) Right of way (R.C. road)					
alg	vide TMB P- (55)				
alg	45.00 m ²	820.83 m			36937.00
(14) R.C.C. m/s grade boundary pillar -					
alg	vide TMB P- (19)				
alg	30.00 Nos @ 493.34 each				14800.00
(15) Providing and fixing Retro reflective Traffic sign board -					
(i) 600 mm circular (Speed limit)					
alg	vide TMB P- (19)				
alg	06 Nos @ 4926.37 each				29558.00
(ii) 600 mm equilateral triangle					
alg	vide TMB P- (19)				
alg	04 Nos @ 5572.98 each				22292.00
(iii) 600 mm x 450 mm rectangular					
alg	vide TMB P- (19)				
alg	02 Nos @ 4800.92 each				9602.00
(16) Providing and laying of R.C.C. House Pipe -					
alg	vide TMB P- (20)				
alg	23.00 m @ 900.57 m				20713.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Providing and erecting direction and place identification sign board					
Qty	vide	TMB	P-20		
Qty	01 nos @	3292.69 each			3293.00
(18) Providing and fixing of typical MMQSP sign board					
Qty	vide	TMB	P-(07)		
Qty	4.00 Nos				
Qty	1.00 Nos	P-(20)			
Total	5.00 Nos @	11144.18 each =			55721.00
(19) planting of trees by the road side					
Qty	vide	TMB	P-20		
Qty	20.00 Nos @	800.30 each			16006.00
Total Amount Rs.					4396078.00
(a) Add @ 2% L-cells.					43961.00
(b) add @ 12% GST					527529.00
Subtotal Amount (Rs)					4967568.00
Less @ 10% below spec contract (-)					496757.00
Sub-total after deduction.					4470811.00
Less 1st R.A Bill Amount (-)					847079.00
Net Payable Amount (Rs)					36,23,732
Say Rs	36,23,732.00				-
Shander 29/12/2022 JE					
Salil Biju 20-6-2023 AE					
18/06/23 JE					
21.06.23					