

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/work:-	Construction of MMSY				
	Road from Middle school				
	Gorakhpur to 10 to 12 km				
	Road 2.04 in Surbandh.				
Agency:-	M/S Uttar Bihar Const. Co.				
Agreement no/	MMSY 04/SBD/ 2019-20				
Date:-	30.07.2019.				
Date of Work start:-	30.07.2019				
Date of Work completion:-	29.07.2020				
Date of Measurement:-	20/04/2022				

(1) Construction of Embankment

with material obtained from borrow pits.

3	30.00	6.00	0.25	135.00m ³
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(A) Road upto 1000mt = 79.00
27.00m³

(B) Road upto 100mt = 56.00
108.00m³

(2) Construction of subgrade and

earthen shoulders with

approved material obtained from

borrow pits.

(A) Subgrade	3	30.00	6.00	0.30	162.00
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	1	16.00	6.00	0.30	28.80
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Total of (A)

Continuation

190.80m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Providing and Fixing of concrete bench mark pillars.					
align vide TMB P-06					
align 1.20 Km @ 4465.24/Km $\Rightarrow$					5358.00/-
② Reference Pillar -					
align vide TMB P-06					
align 1.20 Km @ 2067.51/Km $\Rightarrow$					2481.00/-
03) Clearing and grubbing Road land by manual means)					
align vide TMB P-07					
align 0.84 Ha @ 49739.47/Ha $\Rightarrow$					41781.00
04) Excavation for road way in soil using manual means					
align vide TMB P-07					
align 52.50 m ³ @ 81.20/m ³ $\Rightarrow$					4263.00
05) Construction of Embankment with material obtained from borrow pits. @ lead upto 100 mt					
align vide TMB P-07					
align 302.40 m ³					
align 79.00 m ³					
Total - 381.40 m ³ @ 187.51/m ³ $\Rightarrow$					71516.00/-
⑥ lead upto 100 mt					
align vide TMB P-07					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg 1207	60 m ³	-			
alg 56.00 m ³					
total alg 1: 65.60 m ³ @			142.62/m ³		180500.00
06) Construction of sub grade and					
earthen shoulders. with					
material obtained from borrow					
pits.					
(A) For flexible road 1.					
alg vide TMB P- 08.					
alg 900.00 m ³					
alg 922.80 m ³					
T/alg 1822.80 m ³ @			187.37/m ³		345220
(B) Rigid Road 1-					
alg vide TMB-P-12.					
alg 83.75 m ³ @			189.33/m ³	⇒	15,861.00
(07) Construction of G.S.B. by					
providing well graded material					
spreading in uniform layers.					
(A) Flexible road-					
alg vide TMB- 04-					
alg 591.51 m ³					
alg 96.90 m ³					
T/alg 688.41 m ³ @			2945.62/m ³		2027794

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
(B) Paved road -				
alg vide TMB P-10				
alg 76.42 m ² @ 2943.63/m ²				223221.00
(C) Providing, laying, spreading and compacting, 1:1.5:3 or 1:2:4				
(A) Flexible road -				
alg vide TMB P-02				
alg 240.22 m ²				
alg 46.02 m ² P-14				
7) alg 286.24 m ² @ 3584.43/m ²				1022152.00
(B) Flexible rigid road -				
alg vide TMB P-14				
alg 57.36 m ² @ 3584.43/m ²				205603.00
(09) construction of unreinforced plain cement concrete pavement M30 grade				
alg vide TMB P-15				
alg 122.36 m ² @ 8348.63/m ²				1021544.00
(10) Prime coat -				
providing and applying primer coat with bitumen emulsion (SS1)				
alg vide TMB P-16				
alg 3824.35 m ² @ 51.81/m ²				198140.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing and applying tack coat with bitumen emulsion (2%)					
alg vide TMB- P- 16					
alg $3824.35 \text{ m}^2 @ 17.39/\text{m}^2 =$					66,505.00
(12) Providing and laying rolling & close graded mac mix surfacing 20 mm thick.					
alg vide TMB- P- 16.					
alg $3824.35 \text{ m}^2 @ 236.88/\text{m}^2 =$					905912.00
(13) R.C.C MIS grade. Kilometre- Stone.					
(ii) Km Stone.					
alg vide TMB- P- (16)					
alg 2.00 Nos @ 2612.45 each $\Rightarrow$					5225.00/-
(14) 200 mt Stone-					
alg vide TMB- P- 16.					
alg 05 Nos @ 706.83 each $\Rightarrow$					3534.00/-
(14) R.C.C MIS grade boundary pillars. Stone-					
alg vide TMB- P- 17					
alg 80.00 Nos @ 546.70/each $\Rightarrow$					43,736.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Providing and fixing of Retro reflective infusid sign board -					
(i) 600 mm circular (speed limit)					
alg vide TMB P-(17) -					
alg 10.00 Nos @ 5653.71 each					56,597.0
(ii) 900 mm equilibrated. (left and right curve)					
alg 6.00 Nos @ 6459.23					
				each	38,755.0
(iii) 600 mm x 450 mm - rectangular.					
alg vide TMB P-(17)					
alg 4.00 Nos @ 5504.58 each					22,018.00
(16) Providing and laying of hot applied thermos plastic compound.					
alg vide TMB P-(17) -					
alg 200 m ² @ 850.93/m ²					1,70,186.00
(17) Providing and laying of hot applied thermos plastic compound.					
alg vide TMB P-(18)					
alg 40.00 m ² @ 947.57/m ²					37,903.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(18) planting of trees in road side and surrounding for beautification					
alg vide TMB - (16)					
alg 100.00 Nos @ 217.41 /sq cum					21,741.00
(19) Providing and laying of a R.C.C pipe duct 300 mm.					
alg vide TMB - P-18					
alg 38.00 mt @ 3596.98 each					3597.00/-
(20) Providing and fixing typical MMSY logs 280 board -					
alg vide TMB - P-18 (65)					
alg 4.00					
alg 1.00 P-					
total alg 5.00 Nos @ 11672.02 each					59460.00
Sub Total Amount for road =					68,68,669.00
Construction (Rs) (A)					
(21) Cost of H.P. culvert 1000mm dia (6 Nos)					
(22) Extra work in excavation in foundation					
alg vide TMB - P-08					
alg 59.60 m ³ @ 261.90 /m ³					15609.00

Continuation

- total Amount (Rs)

15609.00/-

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Particulars	Details of actual measurement			Contents of area
	No	L	B	
(a) Providing concrete in foundation	1718	P.C.	as per drawing	
Qty	vide	1 m ³	8-07	
Qty 5.73 m ³ @	6642	67/m ³	)	37325.00
(b) Providing P.C.C. Mass in opus				
Qty vide	7 m ³	8-07		
Qty 61.22 m ³ @	7329	14 m ³	)	448670.
(c) Providing and laying P.C.C. frame pipe NP3 fl.				
Qty vide	7 m ³	8-07		
Qty 15.00 m @	3857	46/m	)	57892.00
(d) Painting two coats on concrete surface.				
Qty vide	7 m ³	P-19		
Qty 232.47 m ² @ 108.98/m ²			)	95335.00
Total Area (Rs.) (B)				586851.00
(e) Construction of Abutment cost of Parapet Wall - (8 Nos.)				
(1) Brick masonry in CM (1:3) in parapet				
Qty vide	7 m ³	P-19		
Qty 3.12 m ³ @	6333	78/m ³	)	19762.00
3.12 m ³ @	6333	78 m ³	)	19762.00
Continuation				
Total Amount (Rs.)				39524.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
02) Providing P.C.C. Mass. coping on the top of wing wall. align vide TMB. P-17					
align 26.00m @ 6490.401m					12750.00/
03) plastering with c.m (1:4) on brickwork. align vide TMB. P-19					
align 43.52m ² @ 207.911m ²					9048.00/
Sub Total Amount					61,332.00/

Summary of cost of road + culvert construction:-					
(A) cost of road constn - (P-25)					68,68,669.00
(B) cost of H.P. culvert constn. (P-26)					58,68,51.00
(C) cost of Parapet const (P-27)					61,332.00
G. Total Amount (Rs)					75,16,852.00
Less @ 0.01% below spec contract (-)					752.00
Net Amount (Rs)					75,16,100.00
Less 1st AC Bill-				(-)	30,21,726.00
Net Payable Amount (Rs)					44,94,374.00

Say Rs 44,94,374.00/-

Prepared
28/05/22
J.S.

Sanil Kumar
20-06-2022
P.E. CH

At
29.11.22