

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd & final bill					
Name of work:	Repair & Maintenance				
	(Five years) of Road from				
	NH-30 A Niyaribur to				
	Mominpur under BGS MR.				
Agency-	M/s Vinod Kumar Mishra, Varan				
	jee ke Hata Ara, District Bhajpur				
	Pin-802301				
Agreement No-	24/MRD/2020-21				
Date Approved-	0% Below				
Date of commencement-	07/09/2020				
Date of completion-	06/06/2021				
Date of measurement-					
Work done					
R.C.C. Slab culvert-1 No x 6 m span x					
3.0 m Vent Height					
Item (1)	Earth work in excavation				
	of foundation tanks-				
	do - do - do - etc				
Abutment-2	$9.250 \times 3.250 \times 1.825 = 109.728 m^3$				
Retaining wall	$4 \times 2.967 \times 2.973 \times 1.825 = 47.531 "$				
floor m/s					
Deck slab	$1 \times 7.700 \times 3.316 \times 0.325 = 8.298 "$				
Long wall	$2 \times 14.200 \times 1.00 \times 1.825 = 51.80 "$				
U/S side					
Cross wall	$2 \times 0.600 \times 1.00 \times 1.825 = 2.19 "$				
U/S side					
D/S side	$2 \times 2.100 \times 1.00 \times 1.825 = 7.665 "$				

Continuation

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (1) Contd (E/W)					
Flooring	1	19.900	11.600	0.025	2.379 m ³
D/S side	1	12.200	2.100	0.025	0.3265 m ³
					239.95 m ³
10% Contd for slope					23.99 m ³
					Total = 263.94 m ³
Item (2) Sand filling information					
hence -- do -- do -- do					
	2	4.250	3.250	0.150	9.02 m ³
	4	2.267	2.993	0.150	4.07 m ³
	1	7.700	5.565	0.100	4.29 m ³
	2	14.200	1.000	0.150	4.26 m ³
	2	0.600	1.000	0.150	0.18 m ³
	2	2.100	1.000	0.150	0.63 m ³
	1	13.168	1.084	0.100	1.43 m ³
	1	13.168	2.584	0.100	3.40 m ³
					27.28 m ³
Item (3) Brick flat Soling in					
foundation hence do do					
	2	9.250	3.250		60.13 m ²
	4	2.267	2.993		27.14 m ²
	1	7.700	5.640		43.43 m ²
	2	14.200	1.000		28.40 m ²
	2	0.600	1.000		1.20 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (3) Contd (B/F 504 m)					
	2	2.100	1.000		4.20 m ²
	1	13.225	1.113		14.72 "
	1	13.225	2.613		34.56 "
					213.77 m ²
Item (4) Prov. P.C.C m. 15 (1:2.5:5)					
as levelling course for					
road - etc					
	2	9.100	3.100	0.200	11.28 m ³
	4	2.267	2.843	0.075	1.93 "
	1	7.700	5.736	0.150	6.63 "
	2	14.200	1.00	0.150	4.26 "
	2	0.600	1.00	0.150	0.18 "
	2	2.100	1.00	0.150	0.63 "
	1	14.00	1.50	0.150	3.15 "
	1	14.00	3.00	0.150	6.30 "
					34.36 m ³
Item (5) P.C.C. 3-20 in spec for					
road - etc					
Below ground					
Alignment	2	8.300	2.600	1.400	60.42 m ³
R. wall	4	2.967	2.343	1.400	29.75 "
Long wall (W/F)	2	14.00	2.588	1.300	21.39 "
Short wall (W/F)	2	0.917	0.588	1.300	1.39 "
PT 3000					
Continuation	2	2.412	0.500	1.300	3.69 "
					116.63 m ³

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (6) P.C.C. 17-20 in sub structure - do - etc.					
Abutment - $2 \times 7.52 \times 1.42 \times 2.80 = 58.80 m^3$					
R. Wall - $4 \times 2.7 \times 1.122 \times 3.330 = 40.83 "$					
					99.63
Item (7) P.C.C. 17-20 in sub structure - do - etc.					
Abutment cap $2 \times 7.50 \times 0.70 \times 0.80 = 2.10 m^3$					
Dirt wall $2 \times 7.50 \times 0.30 \times 0.480 = 2.16 "$					
R. Wall Girder - $4 \times 3.20 \times 0.40 \times 0.150 = 0.77 "$					
					5.03 m ³
Item (8) S/F 8 blinding HY 40 bar reinforcement - do - etc.					
cap & dirt wall					
Bottom - 12 mm dia $8 \times 7.42 \times 0.888 = 52.56 kg$					
Top - " $8 \times 7.42 \times 0.888 = 52.56 "$					
Dirt wall side " $8 \times 7.42 \times 0.888 = 52.56 "$					
S/F reinforcement $50 \times 2.49 \times 0.395 = 49.17 "$					
Deck slab					
Main bottom 20 mm dia $65 \times 7.10 \times 2.469 = 1139.44 "$					
" Top - " $65 \times 7.10 \times 2.469 = 1139.44 "$					
Dis. bar bottom 12 mm dia $1 \times 37 \times 7.60 \times 0.888 = 256.27 "$					
" Top - " $1 \times 37 \times 7.60 \times 0.888 = 256.27 "$					
					2798.27 kg

Continuation 504 2.49 MT

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (7) Prov. & laying R.C.					
m-25 in superstructure					
--- do --- do --- do --- etc					
1x 7.50 x 6.760 x 0.480 =					24.36 m ³
Item (10) P.C.C. m-20 in sub base					
- do --- do --- do --- etc					
Parapet - 2 x 7.00 x 0.40 x 0.60 =					3.36 m ³
Item (11) Painting Two coats in					
- including primer coat					
after filling the surface					
with synthetic enamel					
paint --- do --- do --- etc					
sides - 4 x 7.00 x 0.600 =					16.80 m ²
top - 2 x 7.00 x 0.400 =					5.60 "
ends - 4 x 0.40 x 0.600 =					0.96 "
					23.36 m ²
Item (12) Prov. Weep holes in					
abutment --- do --- etc					
2 x 15 + 4 x 6 =					54 nos.

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1) clearing & grubbing road land - do - etc					
0.370 Hect. 400 Tm B.P. - (23)					
Rs 51161 = 75/Hect - Rs					18930 = 00
(2) Scarifying the existing B.T. road surface do etc					
656.95 m ² wide Tm B.P. - (23)					
Rs 15 = 43/m ² — Rs					10126 = 00
(3) Construction of subgrade & earthen shoulders - do - do - do - etc					
1050.00 m ³ wide Tm B.P. - (23)					
Rs 161 = 56/m ³ — Rs					1,69,638 = 00
(4) Construction of C.S.B. Cr. II by Prov. well graded material - do - do - etc					
124.30 m ³ wide Tm B.P. - (23)					
Rs 1865 = 32/m ³ — Rs					2,31,859 = 00
(5) Prov. & Laying & spreading & compacting stone aggregates of specific sizes to W.B.M. Cr. II - do etc					
103.35 m ³ wide Tm B.P. - (23)					
Rs 3493 = 17/m ³ — Rs					3,61,019 = 00
					Rs 7,91,572 = 00

Continuation

PTD



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Prov. laying & spreading & compacting stone 499 - regates of specific sizes to width 4m - etc.					m ² 791572=00
377.99 m ³ wide Tm B.P. - (24)					
413 3247=481 m ³ - Rs 1227515=00					
(7) Prov. applying primer coat with bitumen emul. - 10mm (35-1) - do - etc.					
5079.99 m ² wide Tm B.P. - (24)					
Rs 42=161 m ² - Rs 212482=00					
(8) Prov. applying tack coat with bitumen emul. - 10mm (Rs-1) - do - etc.					
5430.01 m ² wide Tm B.P. - (24)					
Rs 14=73 m ² - Rs 77812=00					
(9) Prov. applying tack coat with bitumen emul. - 10mm (Rs-1) - do - etc.					
6620.12 m ² wide Tm B.P. - (24)					
Rs 11=86 m ² - Rs 78610=00					
(10) Prov. laying & rolling of close graded porous surfacing material 40mm thick - do - do - etc.					

Continuation of Rs 2387991=00

PTO



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					OF 23,87991=00
2/2m (10) 61/4 (m.s.s)					
5430.019 m ² vide Tm B/P (25)					
@ 194=14/m ² —					Rs 10,54183=00
(11) Prov. & laying 50BC					
with 100-120 TPH bitum					
type HMP - do - etc.					
175.174 m ² vide Tm B/P (25)					
@ 9586=66/m ² —					Rs 16,74334=00
(12) Painting two coats with					
17 Synthetic enamel paint					
--- do --- do --- etc.					
132.48 m ² vide Tm B/P (25)					
@ 97=18/m ² —					Rs 12,874=00
(13) Prov. & fixing of vertical					
22 masonry infillatory					
sign board with 'logo'					
--- do --- do --- etc.					
3.00 nos. vide Tm B/P (25)					
@ 9187=16/each —					Rs 27,561=00
(14) Prov. & laying of hot					
20 applied thermoplastic					
compound - do - etc.					
390.00 m ² vide Tm B/P (25)					
@ 735279/m ² —					Rs 2,86,958=00
Continuation					Rs 54,48,901=00

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF 5448901=07
(15)	Prov. & fixing of				
21	curved stone do etc				
22.00 nos	vide Tm 131				(26)
	els 494=68/each				10883=00
(16)	Brick masonry work				
33	in c.m (1:4) do do etc				
2.88 m ³	vide Tm 131				(26)
	els 690=48 m ³				19876=00
(17)	Plastering with c.m.				
34	(1:4) do do etc				
132.48 m ²	vide Tm 131				(26)
	els 169=12 m ²				22405=00
(18)	R.C.C. m 1:2:4 concrete				
12+13	km stone do etc				
(ii)	km stone				
3.00 nos	vide Tm 131				(26)
	els 212=81/each				6362=00
(iii)	200 M stone				
8.00 nos	vide Tm 131				(26)
	els 593=22/each				4746=00
(19)	Prov. & fixing of				
14+15+16	reflectorised calcium				
	magnesium & infra red				
	type high do etc				
					els 55 13173=00

Continuation

PTD



	the road sides and their maintenance for one year. do - etc	
93.00	as. vide T.M. No. (27)	
	@ 818 = 84/each - 12	76152 = 00
(21)	Printing new letters & 18 figures - do - etc	
1408.00	as. vide T.M. No. (27)	
	@ 516/each - 12	727 = 00
(22)	For a work in progress - 23 Hon for structure plate	
263.94	as. vide T.M. No. (30)	
	@ 294 = 73/m ³ - 12	77791 = 00
	40/5 5734280 = 10	

PTV

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23) 24 Sand filling in foundation trenches-do etc				B.F. 57	34280=00
27.28 m ³ hole T.M. P. - (30)					
el 451=85 m ³ - do					12326=a
(24) 25 Brick flat Soling in foundation-do etc					
213.77 m ² hole T.M. P. - (31)					
el 278207 m ² - do					59443=00
(25) 26 Prov. P.C.C. m. 15/1: 2.5:5 in open foundation-do etc					
34.36 m ³ hole T.M. P. - (31)					
el 4949=41 m ³ - do					170062=00
(26) 27 Prov. P.C.C. m. 20 in open foundation-do etc					
116.63 m ³ hole T.M. P. - (31)					
el 5377=48 m ³ - do					627175=00
(27) 28 Prov. P.C.C. m. 20 in Substructure-do etc					
96.63 m ³ hole T.M. P. - (32)					
5.03 m ³ hole T.M. P. - (32)					
3.36 m ³ hole T.M. P. - (33)					
108.02 m ³ el 5799=33 m ³ - do					626444=00
				el 7229730=00	

Continuation

PTP



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) 29					Defls 72 24730=00
					Prov. Bidmen painting
					over top surface do-etc
17.70 m ²					vide Tm B/P - (34)
					els 14=34/m ² — Rs 254=00
(29) 30					Prov. & laying Rec
					m.c.s in superstructure
					--- do --- do --- etc.
24.34 m ²					vide Tm B/P - (33)
					els 6855=60/m ² — Rs 166865=00
(30) 31					S/F & painting H.V.S.D
					bars --- do --- do --- etc.
2.99 m ²					vide Tm B/P - (32)
					els 54717=30/MT. — Rs 163605=00
(31) 32					Prov. & filling joint
					sealing compound
					--- do --- do --- etc.
15.00 m ²					vide Tm B/P - (34)
					els 40=19/Rm — Rs 613=00
(32) 35					Painting two coats in -
					cluding primer coat after
					filling the surface with
					synthetic enamel paint
					--- do --- do --- etc.
23.36 m ²					vide Tm B/P - (33)
					els 97=18/m ² — Rs 2270=00

Continuation

Defls 7563327=00

PJP



Continuation