

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	U.	
4-4 :-	NA	NA	NA	NA	
Name of work :-	Const	to	road		
form	Ramp	lat	Dig	wa	PWD
Path se	prarthana	mic	vidy	elaya	
Kharasniya.					
Name of Contractor :-					Kumar
Gaurav, Shivpuri, Patna.					
Agg. No. :-	95/5873/2018/19				
Date of commencement :-	07/03/2019				
Date of Completion :-	8-12-2019				

Running measurement

① E/W excavation in foundation

to H. P. Concr. etc.

H/W :-

$$1 \times 2 \times 4.30 \text{ m} \times 1.40 \text{ m} \times 1.47 \text{ m} = 17.69 \text{ m}^3$$

Below pipe

$$1 \times 1 \times 5.78 \text{ m} \times 1.07 \text{ m} \times 0.25 \text{ m} = 1.55 \text{ m}^3$$

$$\text{---} 17.69 \text{ m}^3$$

$$19.24 \text{ m}^3$$

② P.V. P.C.C. MIS in foundation

etc.

$$\text{H/W} \\ 1 \times 2 \times 4.30 \text{ m} \times 1.26 \text{ m} \times 0.15 \text{ m} = 1.62 \text{ m}^3$$

③ Bedding Below Pipe etc.

$$1 \times 5.78 \text{ m} \times 1.07 \text{ m} \times 0.55 \text{ m} = 3.40 \text{ m}^3$$

to H. P. Concr. etc.

$$1 \times 1 \times 5.78 \text{ m} \times 1.07 \text{ m} \times 0.25 \text{ m} = 1.55 \text{ m}^3$$

$$\text{---} 3.40 \text{ m}^3$$

$$1.55 \text{ m}^3$$

Continuation

$$2.13 \text{ m}^3$$

$$\text{---} 2.13 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Plv. Brick Masonry work (1:4) in H.P. etc.					
$2 \times 4.30m \times 1.10m + 0.40m \times 2.0m$			2		$12.90m^2$
Deduction for Pipe - $2 \times \frac{\pi}{4} \times (0.68)^2 \times 0.41m = (-) 0.33m^2$					$12.57m^2$
(5) Plv. and supplying concrete dia H.P. etc.					
$1 \times 2 \times 2.50m = 5.0m$					
(6) E/W excavation in foundation for R.C.C. culvert etc.					

Abt:- $2 \times 8.0m \times 2.30m \times 1.60m =$	$58.88m^3$
R/W:- $4 \times 3.0m \times 2.09m \times 1.60m =$	$40.12m^3$
	$99.00m^3$

(7) Plv. P.C.C. m/s in foundation for R.C.C. culvert etc.	
Abt:- $2 \times 7.80m \times 2.30m \times 0.20m =$	$7.17m^3$
R/W:- $4 \times 3.0m \times 2.09m \times 0.20m =$	$5.01m^3$
	$12.18m^3$
	$28.18m^3$

(8) Plv. P.C.C. M20 in foundation for R.C.C. culvert etc.	
Abt:- $2 \times 7.50m \times 2.0m \times 1.75m \times 1.40m =$	$39.37m^3$
R/W:- $4 \times 2.2 \times 1.30m$	$39.37m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Plv. R.C. Masonry in Dist wall and Col etc.					
	2x7.50m	x0.70m	x0.20m		2.10m ²
	4x2.75m	x0.40m	x0.15m		0.66m ²
	2x7.50m	x0.10m	x0.30m		1.50m ²
					4.26m ²
② Plv. W.P. Holes etc.					
	2x6N.	=	12N.		
	4x3N.	=	12N.		
			24N.		
③ Plv. Back filling behind abutment and w/w, R/W etc.					
	2x2.95m	x6.10m	x2.00m		71.98m ²
④ Plv. and laying filter media					
	2x6.10m	x0.60m	x2.00m		14.64m ²
	4x2.75m	x0.60m	x2.00m		13.20m ²
					27.84m ²
⑤ Plv. E/W filling both side of Approach of f.c.c. Culvert etc. Lead up to 1000mm etc.					
	1x11.30m	x7.80m	x2.40m	x1.40m	
		2		2	
					= 242.05m ²
	1x4.60m	x8.00m	x2.20m	x2.00m	
		2		2	
					= 101.20m ²
Continuation					343.25m ²

C.C.

	@ 0.89 Kg/m ²	302-4576
Top Distributor	10mm	
116X	7.425m	= 118.58m
	@ 0.62 Kg/m	73.60m
		766.01m
		= 0.706MT.
		30/05/2023

Continuation
! 5m.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Plv. and filling joint sealing etc.					
2 x 7.50m x 15.00m					
(4) Const. of sub-grade and earthen shoulder etc.					
1 x 16.40m x 6.80m + 8.0m x 0.20m					
1 x 14.60m x 6.80m + 8.0m x 0.20m					
1 x 16.40m x 6.80m + 8.0m x 0.30m					68.82 m ²
1 x 14.60m x 6.80m + 8.0m x 0.30m					32.41 m ²
					68.81 m ²
(5) Const. of W.S.D. bracing etc.					
In approach to culvert					
1 x 16.40m x 4.05m x 0.20m					13.28 m ²
1 x 14.60m x 4.05m x 0.20m					11.83 m ²
					25.11 m ²
(6) Plv. and laying W.D.M. No. III etc.					
1 x 16.40m x 4.05m x 0.075m					4.98 m ²
1 x 14.60m x 4.05m x 0.075m					4.43 m ²

Continuation

9.41 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.	R	129140
(3) Const. of embank -					
(5) ment land up to 100m.					
DM. vide T.m.B.P.N. (10)					
I.N. (3)					$= 1397.70m^2$
Q.R. 149.33/m ² R.					208719
(4) Const. of sub grade					
- etc.					
DM. vide T.m. B.P.N. (10)					
I.N. (4)					$= 2687.94m^2$
DM. vide T.m. B.P.N. (17)					
I.N. (9)					$= 688.81m^2$
DM. vide T.m. B.P.N. (18)					
I.N. (2)					$= 31.89m^2$
					$2788.64m^2$
Q.R. 188.03/m ² R.					524348
(5) Const. of G.S.B. works					
I. etc.					
DM. vide T.m. B.P.N. (10)					
I.N. (5)					$= 801.46m^2$
DM. vide T.m. B.P.N. (17)					
I.N. (1)					$= 25.11m^2$
					$826.51m^2$
Q.R. 2087.76/m ² R.					1725555
Continuation					R. 2587722

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. for	2587762
(6/8) p/v and leveling stone meter w/ 5m Ch-III etc.					
B.M. vide T.M.B. P.N. (10)					
I.N. (6)				= 278.27m	7
B.M. vide T.M.B. P.N. (17)					
I.N. (1)				= 9.41m	7
				287.68m	7
cf. 3134.68/m ² for					901785
(7/15) p/v and fixing mmbsy board etc.					
B.M. vide T.M.B. P.N. (10)					
I.N. (7)				2 N.O.	
cf. 9369.20/each for					18738
(8/21) E/W excavation in foundation etc.					
B.M. vide T.M.B. P.N. (12)					
I.N. (1)				= 19.24m	3
cf. 259.77/m ² for					4997
(9/22) Bedding below pipe etc.					
B.M. vide T.M.B. P.N. (12)					
I.N. (2)				= 2.13m	7
cf. 457.43/m ² for					9742
(10/23) p/v. p.c.c. m/s in foundation etc.					
B.M. vide T.M.B. P.N. (12)					
I.N. (2)				= 1.62m	7
cf. 5189.11 for continuation					8456
					7522662

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			D.F. f.3	522.62
(11) (24) PIV. Back Basement work in c.m. (134) etc.				
B.M. vide T.M. B. P.N. (13)				
T.N. (4) = 12.57 m ²				
of. 5928.20 / m ²				674517
(12) (25) PIV. and supplying 600 mm H.P. etc.				
B.M. vide T.M. B. P.N. (13)				
T.N. (5) = 15 m.				
of. 1352.46 / m				20287
(13) (27) E/W excavation in foundation for R.C.C. Culvert.				
B.M. vide T.M. B. P.N. (13)				
T.N. (1) = 99.00 m ²				
B.M. limit = 96.01 m ²				
of. 259.73 / m ²				24937
(14) (28) PIV. R.C.C. M 15 in foundation etc.				
B.M. vide T.M. B. P.N. (13)				
T.N. (7) = 12.18 m ²				
B.M. limit = 12.00 m ²				
of. 5189.11 / m ²				622692

Continuation

R/3704672

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			D.F. - R		3704672
(15) PIV. P.C. C.M. in bond etc.					
DM. vide T.M. B.P. N. (13, 14)					
I.N. (8)		65	55m		
DM. limit =		60	93m		
CR 606.871/m ²					R 369767
CR 58		41.16	m		R 355902
(16/30) PIV. P.C. C.M. in sub structure etc.					
DM. vide T.M. B.P. N. (14)					
I.N. (1)		44	82m		
DM. limit =		40	87m		

CR 606.871/m² R 248028 =

(17/31) PIV. Well Holes etc.					
DM. vide T.M. B.P. N. (15)					
I.N. (2)		24	No		
CR 120.2 H each					R 28862

(18/32) PIV. P.C. C.M. in Cap etc.					
DM. vide T.M. B.P. N. (15)					
I.N. (1)		4	56m		
DM. limit =		3	84m		

CR 606.871/m² R 23364 =

Continuation

R 43347922

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.P.		Rs.	4334792
(19) S/P/P H/S D boy					
(37) reinforcement in sub-					
str. chuse - etc.					
Boy. v. id. T. m. B. P.N.	(14)				
I. No. (2)		0.148m.			
Boy. Limit = 0.84m.					
@ R. 69		965.85m	R.		4898 =
(20) Back filling behind					
(34) chb/wlw and R/w etc.					
Boy. v. id. T. m. B. P.N.	(5)				
I. N. (2) = 71.78m					
@ R. 4574		3/m ²	R.		32947 =
(21) p/v. and laying filter					
media - etc.					
Boy. v. id. T. m. B. P.N.	(15)				
I. N. (4) = 22.84m					
@ R. 457.43		m ²	R.		12735 =
(22) p/v. p. c. c. m ₂₀ in					
(76) coping - etc.					
Boy. v. id. T. m. B. P.N.	(16)				
I. N. (2) = 10.6m.					
@ R. 397.80		m	R.		3978 =
Continuation					R. 4389350 =

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
			S.F.	f.	43893502
(23) P.V. R.C.C. Mass in					
(39) Deck slab etc.					
Body vide T.M.B. P.H. (16)					
I.N. (1) 8.16 m ²					
Body limit = 6.48 m ²					
@ R. 7207.35 m ² R.					467042
(24) S/P P.H. J.D. bar					
(39) reinforcement in					
Deck slab etc.					
Body vide T.M.B. P.H. (16)					
I.N. (6) = 0.766 m ²					
Body limit = 0.70 m ²					
@ R. 70986.58/m ² R.					496912
(25) P.V. and billing joint					
(39) sealing etc.					
Body vide T.M.B. P.H. (17)					
I.N. (3) = 15.00 m					
@ R. 36.69/m — f.					5502
					R. 44862952
Less 0.06% of 1193 R.					28922
					/

Continuation

R. 44836022

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		13.5	4.48		36032
Less Previous Payment					
vide T.M.-B. P.N. (5)				565	962 =
and P.N. (11)				277	57012
Net Payable Amount Rs.				1141	9402
NOTE: Attached original					
Quality Control report of					
R.C.C. Ms to Deck slab with					
this Bill.					
Colp				10/17/2023	2023
Training				2.5	

Material Statement

- (1) E.W.:- 443.95m³
- (2) U.S.B. Material:-
metal 53mm to 26.5mm = 10.55m³
chips - 26.5mm to 4.75mm = 13.52m³
- (3) INRM - Gr-III Material:-
53mm to 22.4mm metal = 11.39m³
11-2mm screening = 22.58m³
- (4) Local Sand = 101.95m³
- (5) Brick = 6285 No.
- (6) Coarse Sand = 60.46m³
- (7) 40mm stone metal = 44.68m³
- (8) 20mm chips = 44.91m³
- (9) 10mm chip continuation 22.49m³

10/17/2023
2.5