

Const of R.C.C. Bridge over Jamune river
Near cherkidih tola Nimdik under N4137A1D
Shedule XLV Form No. 134.

Shergathi

DIVISION

Shergathi

SUB-DIVISION

Vishwanath kumar Singh

Measurement Book

1426

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>1st on Alc Bill</u>					
Name of work:- construction of R.C.C. Bridge Over Jamuna River Neer cherkadeh tola Neemadeh					
Name of Agency:- Vishal Singh Kumar					
Agg No - 055AD - 2022-2023					
Date of W/O. - 29.6.2022					
Date of completion - 28.6.2022					
Date of measurement:-					
1. Supplying, fabricating and placing R.C.C. bars in sub structure as per specification.					
Pier caps - Abut. A, A2 -					
Pier cap Ring - 12 MM -					
2x 60 x 3.60 M = 432 M					
Pier Cap - P.P2, P3, P4 -					
4x 58 x 7.50 M = 1740 M					
2172 M					
@ 0.89 kg/m					
± 1933.08 kg					
for beams - 20 MM dia -					
6x 2 x 18 x 8.4 M = 1915.20 M					
@ 2.47 kg/m					
± 4730.54 kg					
6663.62 kg					
2. Providing R.C.C. grade M30 in sub structure upto 5 M.					
Abut Cap:- 2x 8.450 x 1.0 x 0.60 = 10.140 M ³					

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ABSTRACT OF COST

1.	Earth Work in Excavation for structures as per drawing and technical specification.		
(a)	Ordinary soil		
(a)	upto 3m depth quantity wide		
	Page: (1), 1169.40 m ³		
	@ Rs. 305.42/m ³	Rs. 357162 = v	
e)	3m to 6m depth quantity		
	wide Page - (2), 806.55 m ³		
	Limited — 305.79 m ³		
	@ Rs. 817.41/m ³	Rs. 6,58,660 = v	
e)	Above 6m depth quantity		
	wide Page - (2), 178.622 m ³		
	Limited - 178.479 m ³		
	@ Rs. 362.69 m ³	Rj. 64733 = w	
		C.O.Rs. 10,80,555 =	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/P.R.	10,80,555=
2. Providing and laying of PCC mix 1:2:4 leveling course 100mm thick below the Pile Cap. Quantity vide Page-③, 87.743 M ³ limited - 87.433 M ³ @ RS. 4619.86/M ³ RS. 403928=					
3. Supplying, fixing and Placing 1250 bar reinfo cement in form below quantity vide Page-④. 32.53441 M.T. @ RS. 5402.17/M.T. RS. 1757566=					
4. Providing Rec grade 1250 in pipe cap complete as per drawing and the chemical specification. Quantity vide Page-⑦ 216.933 M ³ @ RS. 5307.42/M ³ RS. 1151355=					
5. Supplying, fixing and Placing 1250 bar reinfo cement (Fe 415) in sub structure. Quantity vide Page-⑥ 34938.29 kg vide Page-⑥ (B) - 3714.784 kg vide Page-⑧ - 6663.620 kg C-⑩. Total - 45316.694 kg C.O.RS. 4393404=					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13.125	4393404
13.125 - Quantity - 45316 kg					
Limited - 45316 kg					
or 45.316 mt					
@ RS. 54181.53 / mt					2455290
b. Providing Rec grade					
M30 in substructure					
as per drawing and					
technical specification					
(i) upto 5m height quantity					
vide Rate - (7) - 218.92 m ³					
Quantity underage - (8) - 10.140 m ³					
				229.06 m ³	
@ RS. 5573.59 / m ³					RS. 1276,689
(ii) From 5m upto 10m					
height as per specification					
Quantity vide Rate - (9)					
72.86 m ³ @ RS. 5649.26 / m ³					RS. 411605
7. Providing Weep holes					
in Brick masonry quantity					
vide Rate - (9) - 50 nos					
@ RS. 117.90 each					RS. 5895
8. Backfilling Behind					
abut wing wall and					
R/W as per specification					
(3) Granular material					
Quantity vide Rate - (9) 141.96 m ³					
Limited - 138.300 m ³					
@ RS. 1608.55 / m ³					RS. 222462
					RS. 8765343

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				RS. 9765343=	
(2) Back filling by sand					
Material quantity vide rate					
- (9) - 60M ³					
@ RS. 823.50/M ³				RS. 49410=	
9. Prov' dedg and lat'g					
by filter media with					
granular material - quantity					
vide rate - (10) - 48.95M ³					
@ RS. 2209.37/M ³				RS. 108157=	
				RS. 8922910=	
Add 12-1. G.S.T. and 1-1. R.				RS. 159978=	
labour cess.				-	
Add 2-2-2-2-2-2-2-2-2-2				RS. 500000	
				RS. 10087888=	
Less 5-1. below				RS. 504394=	
				RS. 95,83,494=	
18.1.23					
J.E.					
18.1.23					
M.E.					
Material statement					
(2) Sand:- 520.304M ³					
(2) chips:- 545.65M ³					
18.1.23					
J.E.					

Continuation