

For Engineer's use

NAEONED

(4)

Schedule XLV-Form No. 134

For use of the Engineer in the office of the District Engineer

Executive Engineer R.W.D.

DIVISION

Tekari

Assistant Engineer R.W.D.

SUB-DIVISION

Tekari

MEASUREMENT BOOK

809

25/12/2016

Abstract of cost

82

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① E/W excavation in found trenches for const. of structure as per tech. specif.					
outside P- (54) item- (1)					
= - 2' 3					
amt = 2106.12 m					
width Page- (70)					
item- (1) @ Rs 88.0/m ³					
					= Rs 185339
② Bored cast in situ R.C. m-35 grade mix concrete for pile work					
do					
amt = 882.0 m P- (70)					
item- (2) @ Rs 15428/m					
					= Rs 1360749
③ P/V steel liner work as per sp2					
amt = 23.797 MT					
P- (70) item- (3)					
@ Rs 74527.00/MT = Rs					1773519 =
④ P/V and construction of levelling course behind found. bed					
do					
amt = 28.51 m ³ P- (70)					
item- (4) @ Rs 4708/m ³ =					Rs 134225 =

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5) P/V Construction of of RCC m-35 mix concrete in pile cap do					
ant = 591.92 m ³ P- (79)					
item - 5 @ Rs 6117/m ³					
					= Rs 3620775=
6) Carrying out confirmatory boxes upto required depth do					
ant. vide P- (79)					
item - 6 (i), (ii) & (iii)					
(i) 60.0 m @ Rs 1000/m = Rs 60,000=					
(ii) 60.0 m @ Rs 1100/m = Rs 66,000=					
(iii) 60.0 m @ Rs 1200/m = Rs 72,000=					
7) Pile load test on single vertical pile --- as per spf					
ant = 1 No. P- (71)					
item - 7 @ Rs 150000/each					
					= Rs 150000=
8) P/V lateral load test on single vertical pile E/I					
ant = 01 No. P- (11)					
item - 8 @ Rs 200000/each					
					= Rs 200000=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Supplying fitting and placing HYSD bar in foundation — — — E/I					
amt = 140.80 MT P- ⑦①					
item - ⑨ @ Rs 63888 =					
					Rs 899543
⑩ Dismantling of pile top (surplus portion) — — — do — — —					
amt = 63.0m P- ⑦①					
item - ⑩ @ Rs 7000 =					
					Rs 441000
⑪ Providing and const. of one span service road — as per specific.					
amt = 100m P- ⑦①					
item - ⑪ @ Rs 3555 =					
					Rs 355500
⑫ Plv and construction of RCC m-30 mix concrete in substructure work — — — do — — —					
amt = 269.65 m ³ P- ⑦①					
item - ⑫ @ Rs 6508/m ³					
					Rs 1754880

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) supplying, fitting and placing HYSD bar reinforcement in substructure — — — E/I					
amt = 37.290 MT P- (12)					
item - (13) @ Rs 64037/MT					
					Rs 2387940 =
(14) P/V weep holes — — — E/I					
amt = 160 No P- (12)					
item - (14) @ Rs 125					
					= Rs 20000 =
(15) P/V Back filling behind abutment BR/W — — — E/I					
amt = 368.02 m ³ P- (12)					
item - (15) @ Rs 901 =					
					Rs 331586 =
(16) supplying, fitting and fixing in position true to line and level elastomeric bearing — — — do — — —					
amt = 202910.40 (cm) ³					
P- (12) item - (16)					
@ Rs 1.0/(cm) ³ = Rs 202910 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) P/V & construction of RCC m-30 mix concrete for super structure work --- do ---					
amt = 26.5 m ³ P- (72)					
item - (17) @ Rs 7510					
					= Rs 1990150 =
(18) Supplying, fitting & placing HYSD bar reinforcement in super-structure work --- do ---					
amt = 43.27 MT P- (73)					
item - (18) @ Rs 65213/MT = Rs 2821767					
					= Rs 2821767 =
(19) P/V & fixing drainage spout as per tech. sp. --- do ---					
amt = 18 NO P- (73)					
item - (19) @ Rs 858/each					
					= Rs 15444 =
(20) Clearing & grubbing road canal --- do ---					
amt = 1.812 hect P- (73)					
item - (20) @ Rs 47489/hect					
					= Rs 86050 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) const. of subgrade with soil					
do					
amt = 7088.40 m ³ P- (73)					
item - (21) @ Rs 293.50					
= Rs 2071640					
(22) compacting original ground for levelling					
do					
amt = 7550 m ³ P- (73)					
item - (22) @ Rs 86.12/m ³					
= Rs 650206					
(23) E/W excavation in found. trenches for const. of 3m x 3m size box culvert					
do					
amt = 1366.44 m ³ P- (74)					
item - (23) + amt = 979.02 m ³					
P- (77) item - (1)					
= 1366.44 + 979.02					
= 2345.46 m ³					
@ Rs 77/m ³ = Rs 180600 =					
(24) P/W & const. PCC. m-15 mix concrete in found.					
do					
amt = 48.46 m ³ P- (74)					
item - (24) + amt = 34.776 m ³					
P- (78) item - (2)					
Continuation 2					
= 48.46 m ³ + 34.776 m ³ = 83.236 m ³					
= 83.236 m ³ @ Rs 5181 = Rs 431246 =					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25) P/V and const. of PCC m-20 mix concrete substructure R/W work do					
amt = 60.48 m ³ P- (74)					
item - (25) @ Rs 5763					
				= Rs	348546 =
(26) P/V & const. of RCC m-25 in box culvert do					
amt = 65.22 m ³ P- (74)					
item - (26) + amt = 229.84 m ³					
P- (79) item - (4)					
= 65.22 + 229.84					
= 295.06 m ³ @ Rs 6303					
				= Rs	1859763 =
(27) supplying, fitting and placing HYSD bar reinforcement for box slab do					
amt = 9.394 MT P- (74)					
item - (27) + amt = 14.091 MT					
P- (18) item - (3)					
= 9.394 MT + 14.091 MT					
= 23.485 MT @ Rs 64037					
				= Rs	1503909 =

Continuation

C/o Rs 46317923

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) construction of RCC railing of m-30 with 20 mm nominal size aggregates — do —					
ent = 151.10 m P-(79)					
item - (5) @ Rs 1727/m					
					= Rs 260950
(29) construction of granular subbase — do —					
ent = 152.42 m 127.65 m ³					
P-(80) item - (29)					
					292706
@ Rs 22.93/m ³ = Rs					349499
					= Rs 292706
(30) strip seal expansion joint — do —					
ent = 45 m P-(81)					
item - (7) @ Rs 11260					
					= Rs 506700
Total Rs					4743507
C/o Total Rs					47378279
Add 12% for GST (+) Rs					5692200
Add 1% labourers (+) Rs					474351
Total Rs					53601632
less 10% below cost per agreement (-) Rs					5360163
Total Rs					48241469
less previous bill (-) Rs					44454431
Total Rs					3787038

Continuation

C/o Total Rs 47085573

Continuation