

राखी
सिंह

Measurement Book

Schedule XLV-Form No. 134

Executive Engineer R.W.D.

DIVISION

Tekari

Assistant Engineer R.W.D.

SUB-DIVISION

Tekari

968

Continuation of Bill

7th R/C bill

1

Name of Work -
 Situation of work -
 Agency by which work is executed -
 Date of measurement -
 No. and date of agreement -
 (These four lines should be repeated at the commencement of the measurements relating to each work).

(These four lines should be filled up with the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - const. of H.L. RCC bridge over Morhar river (ph in Ganga to Daulatpur road at Barxima village under Tekari block in the district Gaya)					
Agency - Rakesh construction Pvt. Ltd.					
Date of start of work - 02/06/20					
Date of completion - 01/06/21					
Agreement no - 175 BD/Nabard/2020-21					
Measurement					
① const. of RCC railing of M-30 with 20 mm nominal size aggregates					
	2	2	5.05	=	20.20 m
② Drainage spouts complete as per drawing & technical specification					
	2	5	3	=	30 NO.
	2	2	3	=	12 NO.

Continuation



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Providing and Laying cement concrete wearing coat M-30					
do					
as per drawing & technical specification					
	5	15.01	7.50	0.015	42.38m ³
(4) PCC M-15 grade levelling course below approach slab					
do					
	2	4.750	7.5	0.150	10.69m ³
(5) Reinforced cement concrete approach slab including reinforcement and formwork					
do					
as per tech. specification					
	2	4.750	7.5	0.30	21.38m ³
(6) Strip Seal expansion joint					
do					
	1	9.0			9m
(7) Providing and Laying of filter media with granular material					
do					
	2	4.750	7.50	0.6	42.75m ³

Continuation

Continuation

Abstract of cost

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 — do —					
ent = 2106.12 m ³ vide					
Page - 82 item - (1)					
of MB NO - 809 @ Rs 88.0					
				= Rs	185339:
2) Bored cast in situ RCC m-35 grade mix concrete for pile work — do —					
ent = 882.0 m P- 82					
item - (2) of MB NO - 809					
@ Rs 15428/m = Rs					13607496:
3) P/W steel liner work — as per sp ² — do —					
ent = 23.797 MT P- 82					
item - (3) of MB NO - 809					
@ Rs 74527.0/MT = Rs					1773519
4) P/W and construction of levelling course behind found. bed — do —					
ent = 28.51 m ³ P- (82)					
item - (4) of MB NO - 809					
@ Rs 4708/m ³ = Rs					134225:

Continuation

C/O 15700579:



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Plv & const. of RCC m-35					
mix concrete in pile					
cap — do —					
ent = 591.92 m ³ P- (83)					
item - (5) @ Rs 6117/m ³					
of MBNO- 809					Rs 3620775=
2) carrying out confirmation					
confirmatory borings					
upto required depth					
— do —					
ent = vide P- (83)					
item - (i) (ii) (iii) or (iv)					
of MBNO- 809					
(i) 60.0m @ Rs 1000/m = Rs 60,000 =					
(ii) 60.0m @ Rs 1100/m = Rs 66,000 =					
(iii) 60.0m @ Rs 1200/m = Rs 72,000 =					
(7) Pile load test on					
single vertical pile					
as per SP ² — do —					
ent = 1 NO. P- (83)					
item - (7) of MBNO- 809					
@ Rs 150000/each = Rs 150000 =					
(8) Plv lateral load test					
on single vertical pile					
— E/I —					
ent = 01 NO. P- (83)					
item - (8) of MBNO- 809					
@ 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 found — E/I					
ent = 140.80 m P-(84)					
item - ⑨ of MBNO-809					
@ Rs 63888 =					Rs 8995430
⑩ Dismantling of pile top (surplus portion)					
— do —					
ent = 63 m P-(84)					
item - ⑩ of MBNO-809					
@ Rs 70007 =					Rs 4410000
⑪ Providing and const. of one span service road — as per tech. specification — do					
ent = 100 m P-(84)					
item - ⑪ @ Rs 3555 =					
MBNO-809					Rs 355500
⑫ Plv and const. of RCC M-30 mix concrete in substructure work — do —					
ent = 269.65 m ³ P-(84)					
item - ⑫ of MBNO-809					
@ Rs 6508/m ³ =					Rs 1754882

Continuation

C/O Rs 31416166

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Supplying, fitting and placing HYSD bar reinforcement in sub-structure — E/I					
amt = 37.290 mT P-(85)					
itm - (13) of MBNO - 809					
@ Rs 64037/MT = Rs					2387940.
2) P/V weep holes — do — E/I					
amt = 160 NO. P-(85)					
itm - (14) of MBNO - 809					
@ Rs 125/NO = Rs					20000.
(15) P/V Back filling behind abutment & R/W. — E/I					
amt = 368.02 m ³ P-(85)					
itm - (15) of MBNO - 809					
@ 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-(85) itm - (16) of MBNO - 809 @ Rs 1.0/cm ³ = Rs					202910.
(17) P/V Construction of R.C.C. m-30 mix concrete for super structure work — do					

P.T.O 634358602

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ent = 265 m ³ P-(86)					
itm-(17) of MBNO-809					
@ Rs 7510/m ³ 2 Rs					1990150
(8) supplying, fitting & placing HYSD bar - reinforcement in super structure work - do -					
ent = 43.27 MT P-(86)					
itm-(18) of MBNO-809					
@ Rs 65213/MT 2 Rs					2821767
(19) P.V. & fixing drainage about as per tech. specification					
ent = 18 NO. P-(86)					
itm-(19) of MBNO-809					
@ Rs 858/each = Rs					15444 =
+ ent = 12 NO. P-(1)					
itm of no. (2) of TMB					
= 18 + 12 = 30 NO.					
@ Rs 858/each = Rs					25740 =
(20) clearing & grubbing road					
ent = 1.812 hect P-(86)					
itm-(20) of MBNO-809					
@ Rs 47489/hect = Rs					86050 =
(21) cond. of subgrade with soil					
do					

Continuation

P.T.U C/039282309=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ent = 7058.40 m ³ P- (81)					
itm - (21) of MBNO-809					
@ Rs 293.50 :				Rs	2071640
(22) compacting original					
33 ground for levelling					
do					
ent = 7550 m ³ P- (87)					
itm - (22) @ Rs 86.12/m ³					
of MBNO-809				Rs	650206
(23) E/W excavation in found.					
trenches for const.					
of 3m x 3m size					
do					
ent = 2345.46 m ³					
P- (87) itm - (23) of					
MBNO-809 @ Rs 77/m ³ = Rs					180600
(24) P/W const. of P.C.C. m-15					
mix concrete in found.					
do					
ent = 83.236 m ³ P- (87)					
itm - (24) of MBNO-809					
@ Rs 5181 = Rs					431246
(25) P/W and const. of P.C.C.					
48B m-20 mix concrete.					
substructure R/W work					
do					
ent = 60.48 m ³ P- (88)					
itm - (25) of MBNO-809					
@ Rs 5763 - Continuation Rs					348546

C/O Rs 42964547

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(26) P/V & Const. of RCC					
48L m-25 in box culvert					
do					
amt = 295.06 m ³					
item - (26) of MBNO-809					
@ Rs 6303 = Rs 1859763:					
(27) Supplying, fitting and					
Placing HYSD bar					
reinforcement for					
box slab do					
amt = 23.485 MT					
P-88 item (27)					
@ Rs 64037 = Rs 1503909:					
(28) Const. of RCC railing					
of m-30 with 20mm					
nominal size aggregate					
do					
amt = 151.10 m P- (89)					
item - (28) of MBNO-809					
+ amt = 20.20 m P- (1)					
item - (1) of T.M.B					
= 151.10 + 20.20					
= 171.30 m					
@ Rs 1727.0/m = Rs 295835:					

Continuation

C/O Rs 46624954

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(29) strip seal expansion joint — do —					
ent = 45 m			P-(89)		
itm - (29) g m B No-809					
+ ent = 9 m			P-(2)		
itm - (8) g T. m. B					
= 45 + 9 = 54 m					
@ Rs 11260/m = Rs					608040
(30) Providing and laying cement concrete wearing coat m-30 as per drawing &					
— do —					
ent = 42.38 m ³			P-(2)		
itm - (3) g T. m. B					
@ Rs 10719/m ³ = Rs					454271
(31) PCC m-15 grade levelling course below approach slab — do —					
ent = 10.69 m ³			P-(2)		
itm - (4) g T. m. B					
@ Rs 4982/m ³ = Rs					53245
(32) Reinforced cement concrete approach slab — do —					
ent = 21.38 m ³			P-(2)		
itm - (5) @ Rs 9130/m ³ = Rs					195154

Continuation

C/B 47934764

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Providing & laying of filler media with granular material					
ent = 412.75 m ³ P (2)					
chm - (1) of Tm R					
@ Rs 2307/m ³ = Rs 986211					
(4) cont. of granular subbase by providing coarse graded material					
ent = 1018.20 m ³ (1)					
chm (R) @ Rs 2293/m ³					
of Tm R					Rs 2331133
Total Rs 50368121					
Add to 57-12% (1) Rs 6041175					
Add labour cum L.F. (1) Rs 503681					
Total Rs 56915971					
Less 10% below as per agreement (2) Rs 5691598					
Total Rs 51224373					
Less previous bill amount (2) Rs 117886028					
Total Rs 3338351					
Working 11/03/24					
3/04/24					
AE					
8/18/24					

Continuation