

~~MMGSY~~
~~(20.13)~~

Musi - Hadgachhi tola Holi tola

Schedule XLV-Form No. 134

R.W.D. Works

DIVISION

Kishanagarj-1

R.W.D. Works

SUB-DIVISION

Kochadharman.

3309

MEASUREMENT BOOK

Agency - Bol-Bey construction -

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Date of ~~ent~~ Measure ment:-

1-17-06-02

Date of start: - 17.06.21.

① setting out Pillars:-

xi) Benchmark Pillars.

$$70 \times 30.00 = 2100.00 \text{ M}$$

~~1 x 15.00 = 15.00 M~~

Total: 2115.00 n

75	2.115 KM
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4) Reference pillars -

$$70 \times 30.00 = 2100.00 \text{ M}$$

$$1 \times 15.00 = 15.00 \text{ M}$$

Total:	215.00	✓
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Continuation

75 2.115 Km

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
② Plain cement concrete M-15 in levelling course — — —					
					$2 \times 1 \times 2.500 \times 6.000 \times 0.100 = 3.00 \text{ M}^3$
					$2 \times 4 \times 2.900 \times 2.880 \times 0.200 = 13.34 \text{ M}^3$
					Total = 16.34 M^3

③ Providing PCC M-20 for plain concrete in open foundation — —					
					$2 \times 4 \times 2.500 \times \left(\frac{2.475 + 1.075}{2} \right) \times 1.600 = 68.00 \text{ M}^3$
					$2 \times 2 \times 2.500 \times 0.300 \times 1.500 = 4.500 \text{ M}^3$
					Total = 72.50 M^3

20/06/21
AE

17-06-21
JE

Date of measurement: —

24-06-21

Date of entry: 24-06-21.

① S.F. & P HYSD bar reinforcement in sub-structure complete as per — — —

10mm ϕ — $2 \times 90 \times 3.920 \times 0.617 = 435.356 \text{ kg}$

10mm ϕ — $2 \times 64 \times 2.820 \times 0.617 = 222.712 \text{ kg}$

10mm ϕ — $2 \times 90 \times 1.500 \times 0.617 = 166.590 \text{ kg}$

Continuation

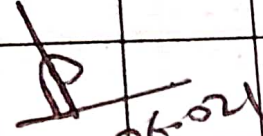
10mm ϕ — $2 \times 160 \times 1.150 \times 0.617 = 227.056 \text{ kg}$

10mm ϕ — $2 \times 46 \times 2.820 \times 0.617 = 160.074 \text{ kg}$

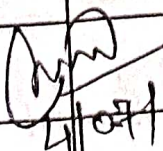
Sch. XLV - Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of measurement					
				29.06.021	
Date of entry				29.06.021	
① S.F 80 HYSD bar reinforcement					
in Super-structure complete as					
per drawing - - - -					
12MM ϕ -	2X8	1.500	X 0.888	=	21.912 kg
10MM ϕ -	2X22	6.320	X 0.617	=	171.576 kg
10MM ϕ -	2X43	2.820	X 0.617	=	149.634 kg
10MM ϕ -	2X90	1.500	X 0.617	=	166.59 kg
12MM ϕ -	2X46	2.820	X 0.888	=	230.382 kg
			Total		739.494 kg

= 0.739 MT


 29.06.021


 4/07/21
 ATE

Sch. XLV—Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Date of Measurement -					
1-02-07-021					
Date of entry - 02-07-021.					
① P&L RCC M-30 Super-Structure					
as per drawing - - -					
$2 \times 1 \times 2.500 \times 6.000 \times 0.250 = 7.500 \text{ M}^3$					
$2 \times 4 \times 6.000 \times (\frac{1}{2} \times 0.15 \times 0.15) = 0.540 \text{ M}^3$					
$2 \times 2 \times 2.500 \times 0.250 \times 0.300 = 0.760 \text{ M}^3$					
Total -					8.800 M ³
② Drainage Spouts complete as					
Per drawing - - -					
$2 \times 4.00 =$					8.00 Nos
③ Coping - Plain / RCC in sub-Structure					
complete as per drawing - - -					
$2 \times 4 \times 2.500 \times 0.075 = 1.500 \text{ M}^3$					
 4/07/21					02-07-021 AE
AE					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Measurement:-					
				8-05-07-021	
Date of entry:-				05-07-021	
① P&L filter material underneath pitching in slopes complete as per ---					
$2 \times 2 \times 4.250 \times 0.600 \times 1.700 =$					17.34 M^3
$2 \times 4 \times 1.900 \times 0.600 \times 2.000 =$					18.24 M^3
					Total:- 35.58 M^3
② Back filling behind abutment wing wall & return wall complete as per drawing ---					
$2 \times 2 \times 2.500 \times 5.200 \times 0.200 =$					10.40 M^3
$2 \times 2 \times 2.500 \times 4.250 \times 1.750 =$					74.38 M^3
Deduct for filter media - (-)					35.58 M^3
					Total:- 49.20 M^3
③ Cons of Rcc railing of M-25 grade in cast-in-situ with 20mm nominal size ---					
$2 \times 2 \times 2.500 =$					10.00 M^3
④ P&L cement concrete wearing course M-30 grade including ---					
$2 \times 1 \times 2.500 \times 5.500 \times 0.075 =$					2.060 M^3

Continuation

10/07/21
AE

05.07.021
SE

1st year

12

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1st on A/c bill					
1. Abstract of cost					
① P & F of working benchmark pillars-					
i) Benchmark pillar-					
2.115 KM (vide TMBP- 01)					
@RS- 4054.76/KM = RS-					8576.00/-
ii) Reference Pillars-					
2.115 KM (vide TMBP- 01)					
@RS- 1864.01/KM = RS-					3942.00/-
② Clearing & grubbing road land					
land including					
0.475 Hac (vide TMBP- 02)					
@RS- 49496.70/Hac = RS-					23511.00/-
③ Dismantling of existing structure					
like culverts, bridge, Railway-					
i) PCC- 1.130 M ³ (vide TMBP- 02)					
@RS- 473.83/M ³ = RS-					535.00/-
ii) RC- 2.520 M ³ (vide TMBP- 02)					
@RS- 473.83/M ³ = RS-					1194.00/-
iii) stone / Brick masonry-					
24.75 M ³ (vide TMBP- 02)					
@RS- 228.72/M ³ = RS-					5661.00/-

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	Ø.	
① S. F & P HYSD bar reinforcement in super-structure complete as per ———					
0.739 MT (vide TMBP- 05)					
QRS- 54523.73/MT = RS- 40293.00/-					
② Cons of RCC railing of M-25 grade in cast-in-situ with 20mm nominal size ———					
10.00 M (vide TMBP- 07)					
QRS- 7303.51/M = RS- 73035.00/-					
③ Drainage spouts complete as per drawing ———					
8.00 Nos (vide TMBP- 06)					
QRS- 513.38/Nos = RS- 4107.00/-					
④ P & L cement concrete wearing course M-30 grade including ———					
2.060 M ³ (vide TMBP- 07)					
2.406					
QRS- 12918.03/M ³ = RS- 26611.00/-					
Total RS- 5247257.00/-					
Add GST @ 12% to RS- 629671.00/-					
Add LC @ 1% to RS- 52473.00/-					
Total RS- 5929401.00/-					

Material Statement	
① B/W :-	26.29.500 M ³ @ RS- 23.78/M ³
② C. Sand :-	118.986 M ³ @ RS- 150.80/M ³
③ L. Sand :-	59.040 M ³ @ RS- 116.85/M ³
④ Cement :-	94.186 MT
⑤ TMT :-	2.709 MT
⑥ Below 2.36 MM -	355.903 M ³ @ RS- 185.94/RS
⑦ 53 to 9.5 MM -	594.720 M ³ @ RS- 516.42/M ³
⑧ 9.5 to 2.36 MM -	238.817 M ³ @ RS- 411.33/M ³
⑨ 40 MM size -	69.524 M ³ @ RS- 411.08/M ³
⑩ 20 MM size -	105.801 M ³ @ RS- 550.85/M ³
⑪ 10 MM size -	58.946 M ³ @ RS- 614.17/M ³
⑫ Filter media -	42.696 M ³ @ RS- 408.82/RS

19.01.022
JE