

Construction of H.L. RCC Bridge (2x16.5m span) (see)
Schedule XLV-Form No. 134
in Borswa Tola kajat to kajat at CH-3.00 km)
with Approach Road = 113.88 m. (PART-B)

Bays:

DIVISION

Bays

SUB-DIVISION

Summary Construction.

MEASUREMENT BOOK

43SBD/2020-21

1127

This is to certify that this MB
contains 100 computerized printed
page that has been issued to
Asst Engineer RWD (W) Subdivision
Baygi.

13/7/2020
Executive Engineer
Rural Works Department
Works Division, Baygi

Reissued to J. E. Baizi.

14/7/2020
J.E.
AE

Sch. XLV—Form No. 134

Baygi DIVISION
Baygi SUB-DIVISION

Measurement Book

No. 1127

Name of Officer _____

Date of first entry _____

Date of last entry _____

2nd on A/c Bill

20

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Record Measurement
dt.

(1/51) E/Work in excav. for structure
Comp. as per draw and TS.

Abut (A1)

(i) up to 3.0m depth

$$= 13.30 \times 6.10 \times 3.0m = 243.39m^3$$

(ii) 3.0m to 6.0m depth

$$= 13.30 \times 6.10 \times 0.43m = 34.89m^3$$

(2/52) providing p.c.c. m-15
levelling course -

Abut-A1

$$= 12.60 \times 5.40m \times 0.15m = 10.21m^3$$

(3/55) S/F/F HYSD bar reinf
in foundation comp as per
drawing and TS -

pile cap (Abut-A1)

Bottom

Bar mark (103) 25φ @ 125 c/c Main bar

$$= 98 Nos \times 8.08m = 791.84m$$

(104) 25φ @ 125 c/c - Distribution bar

$$= 41 Nos \times 15.28m = 626.48m$$

$$Lap = 41 Nos \times 1.25m = 51.25m$$

$$T = 1469.57m$$

Top Bar mark (101) 20φ @ 125 c/c @ 3.851kg/m = 5659.31kg

$$= 98 Nos \times 8.08m = 791.84m$$

(102) 2φ @ 150 c/c

$$= 34 Nos \times 15.28m = 519.52m$$

$$T = 1311.36m$$

$$@ 2.47kg/m = 3239.06kg$$

Continuation

$$\% = 8898.37kg$$

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21

Sch. XLV—Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
			B/F =	8898.37 kg
(106) 20φ =		2X6Nos X 13.10 m =	157.20 m	
(106a) 20φ =		2X6Nos X 5.90 m =	70.80 m	
chain 20φ =		9X5X 6.0 m =	270.0 m	
			T =	498.0 m
			@ 2.47 kg/m =	1118.91 kg 1230.06 kg
			T =	10128.48 kg
			or 10.017 MT	
			or, 10.128 MT	

(4/62) S/F/F HYSD bar reinforcement
sub-structure comp. as per

draw and TS - -

About (A1) shaft

Bar mark (110) 20φ @ 150 c/c

E/F = 57Nos X 6.20 m = 353.40 m

side 20φ @ 150 c/c = 16Nos X 6.20 m = 99.20 m

T = 452.60 m

@ 2.47 kg/m = 1117.92 kg

opp. E/face 16φ @ 150 c/c

(110a) 16φ @ 150 c/c

= 57Nos X 6.20 m = 353.40 m

@ 1.58 kg/m =

558.37 kg

T = 1676.29 kg

or 1.676 MT

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(5/53) providing R.C.C. M-30
grade conc. in pile cap comp.
as per draw and T-8.

Abut-A1 - pile cap

$$= 12.30 \times 5.10 \times 1.80 \text{ m}^3$$

$$= 112.91 \text{ m}^3$$

3rd ish
15.11.2020
SE

Record Measurement
dt

(1/51) E/work in excav. for
structures comp. as per draw
and T-8.

pier pile cap

(i) up to 3.0m depth

$$= 9.70 \times 6.10 \times 2.95 \text{ m}^3 = 174.55 \text{ m}^3$$

(2/52) providing M-15 pcc for
levelling course

$$\text{pier} = 9.0 \text{ m} \times 5.40 \text{ m} \times 0.15 \text{ m}$$

$$= 7.29 \text{ m}^3$$

(3/55) S/F/F HYSO bar reinf
in foundation comp as per
draw and T-8.

pile cap (pier)

Ref

Bar mark (203) 25d @ 125c/c

$$= 70 \text{ Nos} \times 8.08 \text{ m} = 565.60$$

$$(204) 25d @ 125c/c$$

$$= 41 \text{ Nos} \times 11.68 \text{ m} = 478.88$$

Continuation T = 1044.48m

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/f = 1044		48 m			
@ 3.851 kg/m					4022.29 kg
Top (201) 20d @ 150c/c					
= 34 Nos X 11.68 m				397.12 m	
(202) 20d @ 125c/c					
= 70 Nos X 8.08 m				565.60 m	
(206) side bar 20d = 2X6X9.50 m				114.00 m	
(206a) -do- = 2X6X5.90 m				70.80 m	
chair 20d = 7X5X6.0 m				210.00 m	
			T =	1357.52 m	
@ 2.47 kg/m					3353.07 kg
			T =	7375.36 kg	
or 7.375 MT					
(4/62) S/F/F HYSD bar reinf					
in sub structure comp					
as per draw. and FS					
<u>Pier shaft</u>					
Bar mark (207) 25d vertical					
= 43 Nos X 6.90 m				296.70 m	
@ 3.851 kg/m					1142.59 kg
or 1.143 MT					
(5/53) providing R.C.C. m 30 grade					
conc in pier cap					
pier cap					
= 8.70 X 5.10 X 1.80 m				79.87 m ³	

Continuation

22/11/2020
AE

sdvish
22.11.2020
80

This is to certify that this MB

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		<u>Record measurement</u>			
				dt. -	
51) E/Work in excav. for structures					
Comp. as per draw. and T-s					
Abut-2 pilecap					
(i) up to 3.0m depth					
=	13.30	6.10	3.0m	=	243.39m ³
(ii) 3.0m to 6.0m depth					
=	13.30	6.10	0.37m	=	30.02m ³
52) providing pcc M-15 levelling					
Course					
Abut-A2					
=	12.60	5.40	0.15m	=	10.21m ³
3/55) s/f/f HYSD bar reinforcement					
foundation Comp. as per					
draw. and T-s					
Abut-2 pilecap					
Bott.					
Bar mark (103) 25 ϕ @ 125c/c (main bar)					
=	98 Nos	8.08m	=		791.84m
(104) 25 ϕ @ 125c/c (distribution)					
=	41 Nos	15.28m	=		626.48m
lap =	41 Nos	1.25m	=		51.25m
			T =		1469.57m
			@ 3.851 kg/m =		5659.31kg
Top bar					
(101) 20 ϕ @ 125c/c					
=	98 Nos	8.08m	=		791.84m
			@ 2.47 kg/m =		1955.84kg
			c/o =		7615.15kg
Continuation					

Continuation

to certify that this MB

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f =		7615.15 kg
(102) 20 ϕ @ 150 ϕ /c					
= 14 Nos $\times$ 15.28 m =					519.52 m
(106) 20 ϕ = 2 $\times$ 6 Nos $\times$ 5.90 m =					70.80 m
(106) 20 ϕ = 2 $\times$ 6 Nos $\times$ 13.10 m =					157.20 m
chairs 20 ϕ = 9 $\times$ 5 $\times$ 6.0 m =					270.00 m
			T =	1017.52 m	
			@ 2.47 kg/m =		2513.27 kg
			T =	10128.42 kg	
			or	10.128 MT	
(A/62) S/F/F HYSD bar reinforcement in					
Sub-structure comp as per					
draw and T-3 -					
Abut-2 (shaft)					
Bar mark (110) 20 ϕ @ 150 ϕ /c E/face					
= 57 Nos $\times$ 6.20 m =					353.40 m
Side = 16 Nos $\times$ 6.20 m =					99.20 m
			T =	452.60 m	
			@ 2.47 kg/m =		1117.92 kg
Opp. E/F 16 ϕ @ 150 ϕ /c					
= 57 Nos $\times$ 6.20 m =					353.40 m
			@ 1.58 kg/m =		558.37 kg
			T =	1676.29 kg	
			or	1.676 MT	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/53) providing R.C.C M-30 pile cap comp as per draw - and FS -					
Abut A2 pile cap					
=	12030	5.10	1.80	m	
=	1120	91	m ³		

For 29/11/2020 9.45 AM 29.11.2020

Record measurement
dt.

(1/62) S/F/F HYSD bar reinforcement in sub structure complete as per drawing and FS

Abut A1 & A2 shaft

Binder = Bar mark (111)

$$12\phi @ 150\phi = 2 \times 2 \times 17 \text{ Nos} \times 10.55 \text{ m}$$

$$= 717.40 \text{ m} @ 0.888 \text{ kg/m} = 637.05 \text{ kg}$$

(112) 10\phi Link

$$= 2 \times 108 \text{ Nos} \times 1.30 \text{ m} = 280.80 \text{ m}$$

$$@ 0.621 \text{ kg/m} =$$

$$174.10 \text{ kg}$$

$$T = 811.15 \text{ kg}$$

-- (A)

pier shaft

Binder L Bar mark 108 16\phi @ 150\phi

$$= 17 \text{ Nos} \times 6.0 \text{ m} = 102.0 \text{ m}$$

$$@ 1.581 \text{ kg/m} =$$

$$161.16 \text{ kg}$$

Total Qty = A + B

$$811.15 \text{ kg} + 161.16 \text{ kg} = 972.31 \text{ kg}$$

Continuation

or 0.972 MT
--- (C)

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>R/Wall</u> (Both End)					
(126) E/face 20 ϕ @ 150c/c up to cap level					
= $2 \times 2 \times 23 \text{ Nos} \times 5.85 \text{ m} =$				538.20 m	
@ 2.47 kg/m =					1329.35 kg
(125) opp. E/face 12 ϕ @ 150c/c					
= $2 \times 2 \times 23 \text{ Nos} \times 5.85 \text{ m} =$				538.20 m	
@ 0.888 kg/m =					477.92 kg
(127) 16 ϕ Junction					
				98.40 m	
$2 \times 2 \times 4 \times 6.15 \text{ m} =$				49.20 m	155.47 kg
@ 1.58 kg/m =					77.74 kg
(124) 16 ϕ Vertical @ 125c/c				1180.80 m	
for 2910. = $2 \times 4 \times 24 \text{ Nos} \times 6.15 \text{ m} =$				590.40 m	
@ 1.58 kg/m =					1865.66 kg
for 590.40 = $2 \times 4 \times 24 \text{ Nos} \times 6.15 \text{ m}$					
= $199.20 \text{ m} \times 1.58 \text{ kg} =$					314.74 kg
					7 = 4143.14 kg
					or. 4.143 MT — (1)
Total Qty = C + D					
= $0.972 \text{ MT} + 4.143 \text{ MT}$					
= 4.935 MT					
= 5.115 MT					
(2/60) providing and laying R.C.C.					
m-30 grade R.C.C. in sub					
structure comp. as per draw					
and FS					
(i) up to 5.0m height -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abut- A ₁ and A ₂ 1st Lift					
shaft =	2	8.45	1.20	1.25 m	$= 25.35 \text{ m}^3$
R/Wall =	2	2	3.50	0.475	$\times 1.25 \text{ m} = 8.312 \text{ m}^3$
pier 1st lift					
					$= 3.142 \times (0.9)^2 \times 1.0 \text{ m} = 2.545 \text{ m}^3$
					<u>T = 36.207 m³</u>

For 14/12/2020
AE

Schish
5.12.2020

Record Measurement

dt -

(1/60) providing and laying
R.C.C. m-30 Conc in Sub-
structure Comp as per

draw and T-S

① up to 5.0m height -

Abut shaft

$$= 2 \times 8.45 \times 1.20 \times 1.323 \text{ m} = 26.83 \text{ m}^3$$

$$R/Wall = 2 \times 2 \times 3.50 \times 0.475 \times 1.323 \text{ m} = 8.80 \text{ m}^3$$

$$\text{pier shaft} = 3.142 \times (0.9)^2 \times 1.0 \text{ m} = 2.545 \text{ m}^3$$

$$T = 38.175 \text{ m}^3$$

(2/65) providing weep holes in
Abut and R/Wall

$$\text{Abut} = 2 \times 6 \times 4 = 48 \text{ Nos}$$

$$R/Wall = 4 \times 3 \times 7 = 84 \text{ Nos}$$

$$T = 132 \text{ Nos.}$$

Continuation

For 14/12/2020
AE

Schish
12.12.2020
SB

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Measurement</u>					
dt -					
(1/62) S/F/F HYSD bar reinf					
in sub struct. comp. as per					
draw and TS -					
Abut - A ₁ and A ₂ Hammer Head.					
for Abut-A ₁					
<u>Abutcap</u>					
Bar mark (113) 16d stirrup @ 150ck					
= 3X57 Nos X 3.76m = 642.96m					
(114) Top & bottom distribution					
= 2X6 Nos X 9.75m = 117.00m					
Side 16d = 2X2 Nos X 10.55m = 42.20m					
= 602.16m					
@ 1.58kg/m = 1267.41kg					
- (A)					
<u>Dist Wall</u>					
(117) E/F 12d @ 150ck					
= 57 Nos X 4.288m = 244.416m					
(115) opp. E/f 12d @ 150ck					
= 57 Nos X 4.10m = 233.70m					
T = 478.116m					
@ 0.888kg/m = 424.57kg					
- (B)					
<u>pedestal</u> = 3 Nos.					
(m1) 16d @ 150ck = 3X6 X 1.645m = 29.61m					
(m2) - do - = 3X6 X 1.645m = 29.61m					
T = 59.22m					
@ 1.58kg/m = 93.67kg					
(m3) 8d mesh = 2X 3X24.0m = 144.0m					
@ 0.395kg/m = 56.88kg					
Continuation 70 = 150.55kg					

to certify that this MB

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f =		150385 kg
12φ ring = 2 × 3 × 3.32m = 19.92m					
@ 0.888 kg/m =					17.69 kg
				T =	168.24 kg
				— (C)	
<u>Reaction Block</u>					
RB-1 = 2 Nos					
m4 16φ = 2 × 4 Nos × 2.40m = 19.20m					
@ 1.58 kg/m =					30.34 kg
m5 32φ = 2 × 5 Nos × 2.21m = 22.10m					
@ 6.32 kg/m =					139.67 kg
m6 12φ stirrup 4L					
= 2 × 6 × 2 × 3.794m = 91.056m					
m7 12φ 4L stirrup = 2 × 6 × 2 × 2.594m = 62.256m					
				T =	153.312m
@ 0.888 kg/m =					136.14 kg
m8 8φ mesh = 2 × 21.0m = 42.0m					
@ 0.395 kg/m =					16.59 kg
				T =	322.74 kg
				— (D)	
RB-2 = 3 Nos					
m13 25φ = 3 × 5 Nos × 2.55m = 38.25m					
m14 25φ = 3 × 5 Nos × 2.85m = 42.75m					
				T = 81.0m × 3.85 kg =	311.93 kg
m15 12φ 4L stirrup = 3 × 5 × 2 × 4.29m = 128.70m					
m16 12φ 4L stirrup = 3 × 6 × 2 × 2.278m = 82.0m					
				T = 210.70m × 0.888 kg =	187.10 kg
m17 8φ mesh = 3 × 80m = 24.0m × 0.395 kg =					9.48 kg
Jack location mesh = 4 × 4.50m = 18.0m × 0.395 kg =					7.11 kg
80					
				Continuation T =	512.62 kg
				— (E)	

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total Qty =	A+B+C+D+E				
	1267.41	424.57	168.24	322.74	
	+ 512.62 kg				
	= 2695.58 kg				
	or 2.696 MT				
For 2 Abutment					
	= 2 × 2.696 MT =				5.392 MT

(2/60) providing m-30 grade conc in sub structure comp as per draw & T.S.

(i) up to 5.0 m height

Abut cap (A1 & A2)

$$= 2 \times 8.45 \times 10.79 \times 0.80 \text{ m} = 24.20 \text{ m}^3$$

$$R/\text{wall} = 2 \times 2 \times 3.50 \text{ m} \times 4.75 \times 0.8 \text{ m} = 5.32 \text{ m}^3$$

$$T = 29.52 \text{ m}^3$$

For H/12/2020
AE

sdh
17.12.20

Record Measurement
dt -

(1/62) S/F/F HYSD bar reinfr'n sub structure comp as per draw.

and T.S.

pier cap

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Bar mark (211) 20 ϕ @125c/c (Long)					
=	15 Nos	9.688 m			145.29 m
Av =	2 x 3 Nos	9.592 m			57.552 m
				T =	202.842 m
@ 2.47 kg/m					501.02 kg
(212) 20 ϕ @125c/c (Transverse)					
=	15 Nos	5.204 m			78.06 m
Av =	2 x 24 Nos	4.757 m			228.336 m
				T =	306.396 m
@ 2.47 kg/m					756.80 kg
(213) (i) 20 ϕ @125c/c (diagonal)					
=	2 x 8 Nos	8.70 m			139.20 m
	2 x 8 Nos	3.50 m			56.00 m
				T =	195.36 m
@ 2.47 kg/m					482.54 kg
(ii) Av. =	2 x 7 Nos	5.812 m			81.368 m
	2 x 7 Nos	3.206 m			44.884 m
				T =	126.252 m
@ 2.47 kg/m					311.84 kg
(214) Top bar (Trans) 20 ϕ @125c/c					
=	63 Nos	4.11 m			258.93 m
@ 2.47 kg/m					639.55 kg
(209) 25 ϕ Top bar @ 125c/c					
=	21 Nos	9.50 m			199.50 m
(210) 25 ϕ Top bar @ 125c/c					
=	21 Nos	9.20 m			193.20 m
				T =	392.70 m
@ 3.85 kg/m					1512.29 kg
					40- 4204.04 kg

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f =		4204.04
(216) 12d ring AL					
=	2 X 3 X 4 Nos	6.808 m			163.392 m
	@ 0.888 kg/m				145.09 kg
				T =	4349.13
					— (A)

Reaction Block

RB-1 = 4 Nos

Bar mark	(m4) 16d	= 4 X 4 X 2.40 m = 38.40 m	
	@ 1.58 kg/m		60.67 kg

(m5) 32d =	4 X 5 Nos X 2.21 m =	44.20 m
@	6.32 kg/m =	279.34 kg

(m6) 12d	4L stirrup		
=	4 X 6 X 2 X 3.794 m = 182.112 m		
	@ 0.888 kg/m		161.71 kg

(m7) 12d	4L stirrup		
=	4 X 6 X 2 X 2.594 m = 124.512 m		
	@ 0.888 kg/m		110.57 kg

(m8) 8d mesh	= 4 X 21.0 m = 84.0 m		
	@ 0.395 kg/m		33.18 kg
		T =	645.47 kg
			— (B)

RB-3 = 3 Nos

(m9) 32d	= 3 X 5 X 4.05 m = 60.75 m		
	@ 6.32 kg/m		383.94 kg

(m10) 12d	4L	3 X 5 X 2 X 3.712 m = 111.36 m	
	@ 0.888 kg/m		98.89 kg

Continuation

C/O = 482.83 kg

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f =		482.83 kg
m11 12# 4L stirrup					
=	3x8	Nsx	2x2.45m		117.60m
		@ 0.888 kg/m			104.43 kg
m12 8# mesh @ 50cm					
=	3x	2x15.0m		90.0m	
		@ 0.395 kg/m			35.55 kg
				T =	622.81 kg
					---(C)

$$\begin{aligned}
 \text{Total Qty} &= A + B + C \\
 &= 4349.13 + 645.47 + 622.81 \text{ kg} \\
 &= 5617.41 \text{ kg} \\
 &\text{or } 5.617 \text{ MT}
 \end{aligned}$$

(2/60) providing m-30 grade
conc. in sub structure

comp. as per draw & T-5

(i) up to 5.0m height—

piecap =

$$\text{Trapezoidal } 1 \times 4.90 \times 2.205 \times 0.80 \text{m} = 8.64 \text{m}^3$$

$$\text{Rectangular } 1 \times 7.80 \text{m} \times 2.61 \times 1.0 \text{m} = 20.36 \text{m}^3$$

$$T = 29.0 \text{m}^3$$

(3/61) providing R.C.C m-35 grade
conc. in sub-structure comp.
as per draw and T-5

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>pedestal</u> -					
	12 Nos	0.87	0.87	0.15 m	
			=	1.36 m	³

(4/63) supplying fitting and
fixing in true line and
level POT-PTFE Bearing

for span $A_1 - P_1 = 6$ Nos

$P_1 - A_2 = 6$ Nos

$T = 12$ Nos

[Signature]
24/12/2020
AEE

Sd/- Sh

24.12.2020
Sd/-

Continuation

2nd on A/c Brill

Abstract of this Brill

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Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/93) ^{diversion} Const. of Embankment with material obtained from borrow pits.					
720.0 m ³ vide & TMB p-15					
@ Rs 188.05/m ³ = Rs					135396 = 0
(2/94) providing and laying R.C.C NP ₃ grade Hume pipe					
20.0 M vide & TMB p-15					
@ Rs 3729.62/Rm = Rs					74592 = 40
(3/57) Constructing temp earth Island					
1 Nos vide & TMB p-15					
@ Rs 55416.60/each = Rs					55416.60
(4/58) Constructing of one span service Road					
33.0 m vide & TMB p-15					
@ Rs 3598.93/Rm = Rs					118764 = 69
(5/59) carrying load test on any pile					
(a) initial load test 2.5 times of the design load					
1 Nos vide & TMB p-15					
@ Rs 1,50,000/each = Rs					1,50,000 = 0
(b) Routine pile load Test					
1 Nos vide & TMB p-15					
@ Rs 1,25,000/each = Rs					1,25,000 = 0
				c/o-Rs	659169 = 69

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f =	Rs	659169 = 65
(C) Horizontal pile load Test					
1 Nos	vide Qy	TMB	p-16		
@	Rs 1,00,000/each	Rs			1,00,000 = 1
(6/55) s/f/f HYSD bar reinf					
in foundation comp. as					
per draw and T-S					
51.556 MT	vide Qy	TMB	p-16		
10.128 MT	vide Qy	TMB	p-21		
7.375 MT	vide Qy	TMB	p-23		
10.128 MT	vide Qy	TMB	p-25		
T = 79.187 MT					
Limit to 79.154 MT					
@	Rs 53714.72/MT	Rs			4251734 = 95
(7/56) providing steel liner					
as per draw and T-S					
9.94 MT	vide Qy	TMB	p-17		
@	Rs 64415.81/m	Rs			640293 = 15
(8/54) Bored cast in situ pile					
of M-35 grade Rcc. comp					
as per draw and T-S					
452.0 m	vide Qy	TMB	p-17		
@	Rs 16326.21/m	Rs			7379446 = 92
C/P = Rs 1,30,30644 = 71					

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f= Rs 1,30,30,644=71		
(9/62) s/f/f HYSD bar reinf in					
Sub structure Comp as per					
draw and FS-					
1.676 MT	vide	Qty	TMB	P-21	
1.143 MT	vide	Qty	TMB	P-23	
1.676 MT	vide	Qty	TMB	P-25	
5.115 MT	vide	Qty	TMB	P-27	
5.392 MT	vide	Qty	TMB	P-31	
5.617 MT	vide	Qty	TMB	P-34	
T=20.619 MT					
@ Rs 53869.01/MT= Rs 1110725=11					
(10/51) E/work in excav. for					
structures.					
(i) up to 3.0 m depth					
243.39 m ³	vide	Qty	TMB	P-20	
174.55 m ³	vide	Qty	TMB	P-22	
243.39 m ³	vide	Qty	TMB	P-24	
T=661.33 m ³					
@ Rs 294.73/m ³ = Rs 194912=80					
(ii) 3.0m to 6.0m depth					
30.02 m ³	vide	Qty	TMB	P-24	
34.89 m ³	vide	Qty	TMB	P-20	
T=64.91 m ³					
@ Rs 349.99/m ³ = Rs 22717=85					
C/O= Rs 1,43,59,000=4					

Continuation

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f =	Rs 14	359000 = 47
(11/52) providing m-15 p.c.c. levelling course					
10.21 m ³ vide &ly TMB P-20					
7.29 m ³ vide &ly TMB P-22					
10.21 m ³ vide &ly TMB P-24					
<u>T = 27.71 m³</u>					
@ Rs 60 52.63/m ³ = Rs					167718 = 37
(12/53) providing m-30 grade R.C. in pile cap					
112.91 m ³ vide &ly TMB P-22					
79.87 m ³ vide &ly TMB P-23					
112.91 m ³ vide &ly TMB P-26					
<u>T = 305.69 m³</u>					
@ Rs 67 08.38/m ³ = Rs					2050684 = 68
(13/60) providing m-30 grade conc in sub structure comp as per draw & T-8					
(1) up to 5.0m height—					
38.175 m ³ vide &ly TMB P-28					
36.207 m ³ vide &ly TMB P-28					
29.52 m ³ vide &ly TMB P-31					
29.00 m ³ vide &ly TMB P-34					
<u>T = 132.902 m³</u>					
@ Rs 69 57.38/m ³ = Rs					924649 = 71
				c/o = Rs	
					1,75,02,053 = 23

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/f = Rs		1,75,02,053 = 23
(14/61) providing m-35 grade R.C. in sub-structure					
Comp. as per draw & T.S.					
1.36 m ³ vide Qly TMB p-85					
@ Rs 7117.08/m ³ = Rs					9679 = 23
(15/63) supplying fitting in true line and level					
POT-PTFE Bearing.					
12 Nos vide Qly TMB p-35					
@ Rs 44956.91/each = Rs					539482 = 92
(16/65) providing weep hole in Abut and R/wall					
132 Nos vide Qly TMB p-28					
@ Rs 121.92/each = Rs					16093 = 44
			T = Rs		1,80,67,308 = 82
⊖ less 0.05% below = ⊖ Rs					9033 = 65
			= Rs		1,80,58,275 = 00
Add 1% L. cess = Rs					180583 = 00
Add 12% G.S.T = Rs					2166993 = 00
			T = Rs		2,040,5851 = 00
⊖ pre. Amount = ⊖ Rs					1,30,42,967 = 00
Balance Amount = Rs					73,62,884 = 00
					sdwisch
					24.12.2020

Continuation

85.

C&P
 dated
 25/11/2020
 E&E