Name/Road - "Tar tola End Point to mushar tola"

Agreement No. - 6 SBD/MMGSY, NDB/2023-024

481

Schedule XLV-Form No. 134

ডিভিশন-২ DIVISION

সাব-ডিভিশন SUB-DIVISION

MEASUREMENT BOOK

M.B. No - 481

Shama construction

1st on A/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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name/work - Const. of Road and CD from "Tar Tola End point to Mushar Tola" (MMGSY, NDB)					
Agency - Sharma construction					
AT - Ward No - 24, Mastan Tola Bagaha - I (West Champaran)					
Agreement No - 06 SBD/MMGSY, NDB/023/024					
Date/commence - 09-08-2023					
Date/completion - 08-08-2024					
Approved Rate - 0.09% Below.					
1/(01) - setting out const. of Reference & working B.M.					
— do — do — all lead.					
	84 nos	X 30m	= 2520 m		= 2.50 km
2/(02) - Const. of Reference pillars — do — do —					
	84 nos	X 30 m	= 2520 m		= 2.52 km
3/(03) - Clearing & Grubbing Road land including uprooting wild — do — do —					
	84 nos.	X 30 m	X 3.0 (RW) =		
			= 7560 m		= 0.76 Hect.
4/(40) - Providing and fixing of Typical MMGSY information Sign board with 'Logo' — do —					
— do —	do —		all lead.		
	Qty =	1 X 2 nos			= 2 Nos.

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/ (68)- Loosening of The Ground upto a level of 300mm below — do — do — all c/fos.					
Earthen to BT					
10 × 30m × (8.20 + 7.00m)/2 × 0.30					
				= 684.00m³	
1 × 26m × (8.30 + 7.10)/2 × 0.30					
				= 60.06"	
Earthen to PCC					
1 × 30m × (7.50 + 6.38)/2 × 0.30					
				= 62.46	
1 × 18m × (7.50 + 6.40)/2 × 0.30					
				= 37.53	
			T =	844.05m³	= 844.05m³
6/(04)- Excavation for Roadway in soil using manual means — do — do — all c/fos.					
Box cutting					
In BT portion					
2 × (32 × 30m) × 0.525 × 0.100 = 100.80m³					
2 × 11.00m × 0.525 × 0.100 = 1.16"					
In PCC portion					
Exit- PCC-					
2 × (18 × 30m) × 0.375 × 0.175					
				= 70.88m³	
2 × 16m × 0.375 × 0.175					
				= 2.10"	
Exit. Brick soling					
2 × (21 × 30m) × 0.375 × 0.100					
				= 47.25"	
2 × 7.00m × 0.375 × 0.100					
				= 0.525"	
			T =	222.72	= 222.72 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
7/(05)-	construction of emb.				
	with approved mat. Lead				
	up to — do — do — all lifts				
@ 70% =	70% of				
				6/(04)	
	= 70% of 222.72 m³ = 155.90 m³				
8/(06)-	Construction of em-				
	bankment with approved				
	mat. obtained from borrow pits				
Earth ~~Lead~~ work	Calculation chart				
CH (1x1 m) @ 0.60 m	Area (m²)	mean Area (m²)	Dist. D (m)	Vol. (m³)	
	0.845				
0-50 m	0.733	0.789	50	39.450	
50-100 m	1.069	0.901	50	45.050	
100-150	2.718	1.894	50	94.675	
150-200	0.836	1.777	50	88.850	
200-250	0.579	0.708	50	35.375	
250-300	0.579	0.579	50	28.950	
300-350	0.743	0.661	50	33.050	
350-400	0.579	0.661	50	33.050	
400-450	1.719	1.149	50	57.450	
450-500	1.831	1.775	50	88.750	
500-550	1.954	1.893	50	94.625	
550-600	1.212	1.584	50	79.475	
600-650	1.853	1.533	50	76.650	

= Continuation =

Sch. XLV-Form No. 134 B/F Qty. =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH (in m)	Area (m^2)	Mean Area (m^2)	Dist. D (m)	Volume m^3	
650 - 700	1.573	1.713	50	85.650	
700 - 750	1.284	1.429	50	71.425	
750 - 800	1.562	1.423	50	71.150	
800 - 850	2.588	2.075	50	103.750	
850 - 900	0.542	1.585	50	78.250	
900 - 950	1.144	0.843	50	42.150	
950 - 1000	1.598	1.371	50	68.550	
1000 - 1050	1.586	1.592	50	79.600	
1050 - 1100	0.921	1.254	50	62.675	
1100 - 1150	0.777	0.849	50	42.450	
1150 - 1200	3.485	2.131	50	106.550	
1200 - 1250	2.647	3.066	50	153.300	
1250 - 1300	2.703	2.675	50	133.750	
1300 - 1350	2.278	2.491	50	124.525	
1350 - 1400	0.805	1.542	50	77.075	
1400 - 1450	1.692	1.249	50	62.425	
1450 - 1500	1.768	1.730	50	86.500	
1500 - 1550	1.817	1.793	50	89.625	
1550 - 1600	1.460	1.639	50	81.925	
1600 - 1650	1.585	1.523	50	76.125	
1650 - 1700	1.158	1.372	50	68.575	
1700 - 1750	0.911	1.035	50	51.725	

Continuation

Sch. XLV-Form No. 134

B.F. Qty =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	Area	Mean Area	Dist	Vol/Mt	
(I M)	(m^2)	(m^2)	(m)	(m^3)	
1750-1800	1.030	0.971	50	48.525	
1800-1850	1.895	1.463	50	73.125	
1850-1900	1.203	1.549	50	77.450	
1900-1950	1.150	1.177	50	58.825	
1950-2000	0.378	0.764	50	38.200	
2000-2050	0.319	0.349	50	17.425	
2050-2100	1.451	0.885	50	44.250	
2100-2150	1.442	1.447	50	72.325	
2150-2200	1.596	2.519	50	125.950	
2200-2250	2.066	2.831	50	141.550	
2250-2300	2.579	2.323	50	116.125	
2300-2350	2.501	2.540	50	127.000	
2350-2400	1.714	2.108	50	105.375	checked
2400-2450	1.788	1.751	50	87.550	Manual
2450-2500	2.404	2.096	50	104.800	10/08/23
2500-2538	1.024	1.714	38	65.132	AE
			T=	3916.457	= 3916.457 M³
Deduction for					
(i) Item No.	6 (604)	- wide	P(02) TM3		= (-) 222.72 M³
(ii) Item No.	7 (605)	- wide	P(03) TM3		= (-) 155.90 M³
			Net Qty =		3537.837 M³
Lead up to 1000 m = 3537.837					
					x 80% = 2830 M³

Continuation

10/08/2023
- J.E.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
9/(07) - Construction of Embo.					
with approved material					
— do — do — all lifts					
Lead up to 100 M					
Qty vide P(05)/TMD = Item 9/(06)					
= 3537.837 x 20% = 707.60 M^3					
10/(33) — Dismantling of St.					
Dismantling of existing					
Structures — do — do —					
P.C.C. 1 x 0.45 x 5.w x 0.15				=	0.34 M^3
11/(34) — Dismantling of Struc					checked
Dismantling of existing					
Structure — do — do —					
R.C.C. work					
1 x 0.45 x 5.w x 0.30				=	0.68 M^3
2 x 0.45 x 0.30				=	0.081
				T =	0.761 = 0.76 M^3
12/(35) - Dismantling of Struc.					
Dismantling of existing St.					
— do — do — all c/sh.					
Rubble masonary work					
2 x 5.w x 0.825 x 3.w				=	24.75 M^3
Cross Drainage St. HP(4) 1.300 MM (					
13/(16) - Earth work Excavation					— 8 Nos
for found^n of Struc. —					
— do — do — all c/sh.					
8 x 7.w x 0.70 x 0.60				=	23.52 M^3
14/(32) — Type 'B' — 1st class					
bedding on well — do — do —					
8 Nos x 7.w x 0.30 x 0.250				=	4.20 M^3

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
15/(36) – Providing and Laying R.C.C. pipe NP$_4$ for Culvert 300 mm dia.					
– do – do – all 4 Sides.					
8 Nos × (3 × 2.50 m) R.C.C. Box Cul. – 2 Nos				=	60.00 M
16/(16) – Earth work Excavation for found^n of Struc.					
– do – do – all c/sides.					
Note: A = 1st RCC Box Cul. (2×2 M); B = 2nd R.C.C. Box Cul. (2×2 M)					= for All Side of R.C.C. Box Cul.
(A) + (B) – Box Cul.	2	× 6 m	× 2.50	× 0.65	
				= 27.30 M^3	
Cut-off Wall	2	× 2 × 3.50	× 1.3	× 1.80	
				= 32.76 M^3	
R/Wall – 2 Nos	× 4	× 3.32	× 3.41	× 1.80	
				= 163.03	
				T = 223.09	= 223.09 M^3
17/(17) – PCC (M-10) – P/V. Concrete for P/cast Conc. in open found^n complete					
– do – do – all c/sides.					
(A+B) = Box Cul.	2	× 6 m	× 2.50	× 0.1	
				= 3.00 M^3	
R/Wall (A+B) –	2	× 4	× 3.32	× 2.41 × 0.20 = 12.80 M^3	
				T = 15.80 M^3	= 15.80 M^3

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
18/(18) –	PCC (M_{15}) – P/X.				
	PCC M_{15} – for in open				
	Found^{n} complete as per				
	—do—	—do—		as c/s.	
Qty	(A+B)				
R/wall – 2 X	4	x 2.92	x 2.01+1.31 / 2	x 0.60m = 62.04 m^3	= 62.04 m
M/(27) –	Supplying fitting				
	and placing HYSD bar				
	Reinforcement (Fe-415)				
	—do—	—do—	all c/s.		
		(			

A = 1st RCC Box Cul. (2 x 2 m)
B = 2nd R.C.C Box Cul. (2 x 2 m) } = 2 Nos.

10 mm ϕ bar

7 = In Bottom slab	M/bar = 45	x 2.570m		
			= 115.65m	
	39 Nos	x 2.570m =	100.23 "	
Dist/bar –	2 x 13	x 5.920 =	153.92 "	
Haunch bar –	4 x 41	x 1.150 =	188.60 "	
~~vertical bar~~ Cut-off wall –	2 x 13	x 3.43m =	89.18 "	
Dist/bar (In cut off)	2 x 2	x 7 x 2.42 =	67.76 "	
~~12 mm ϕ bar~~				
B = (In Bottom slab) M/bars =	45	x 2.570 =	115.65 "	
	39 Nos	x 2.570 =	100.23 "	
Dist/bar (In slab)	2 x 13	x 5.920 =	153.92 "	

Continuation T = 1087.71m

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F. Qty			=	1087.71M	
Hunch bar - 4	X 41	X 1.150M	=	188.60	
(In cut-off wall)					
Vertical bar -	2 X	13 X	3.43M	= 89.18M	
Dist/bar -	2 X 2	X 7	X 2.42M	= 67.76	
		(A+B)	= T =	1433.25m	
@	0.62	kg/m	— =	888.615kg	— (a)
for wall (10mm Ø bar)					
A = Inner face					
M/bar 2	X 31 nos	X 2.570	=	159.340m	
B = Inner face					
M/bar 2 X	31 nos	X 2.570	=	159.340	
			=	318.68m	
L/bar (12 mm Ø bar)					
(A+B) = 2 nos X	4 X 44	X 1.420m			
Checked			=	499.84m	
			T =	818.52m	
@	0.89 kg	/m	— =	728.483kg	— (b)
In wall	(10mm Ø bar),				
A =	outer face	main	bar		
M/bar = 2 X	44 nos	X 3.840m	=	337.92m	
Dist/bar -	4 X 11	nos X	5.920m	= 260.48	
B = In outer face					
m/bar =	2 X 44 nos	X 3.840m	=	337.92m	
Dist bar -	4 X 11 nos	X 5.920 M	=	260.48	
		T, (A+B)	=	1196.80m	
@	0.62 kg	/m	=	742.016kg	— (c)

total (a+b+c) Continuation = 2359.114 kg

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
B.F.Qty			=	2359.114kg	
				or	2.358 MT
~~Arch~~ 0.5.1011024					
20/(18) — R.C.C (M15) — P/V.					
RCC M15 for in open					
found^n — do — do — all 4 sides.					
~~A~~ Cut-off wall.					
(A+B) = 2x	2x	2.50	x 0.30m		
			x 1.50m =		4.50 m³
21/(19) — PCC (M-15) — P/V.					
Plain cement concrete					
in sub-structure complete					
as per — do — do — all C/S.					
Return wall (Above bed/L)					
(A+B) = 2Nos x 4	x 2.92	x	1.310+0.40 / 2		
			x 1.95m =		38.95 m³
22/(26) — RCC Grade (M-25)					
R.C.C in sub structure					
Complete as per — do — do —					
all C/S.					
Qty (A+B) in box cell ~~Top~~ Slab.					
Bottom Slab = 2Nos x 6m	x 2.5m	x 0.250m			
			= 7.50 m³		
side wall - 2+2 x 6m	x 2m	x 0.250	= 12.4 "		
Harch = 2Nos x 4 x 6m	x ½	x 0.15	x 0.15		
			= 0.48 m³		
			T = 19.98 m³		= 19.98 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
23/(25)-	providing weep holes in R.C.C. Abt- -ment, R/walls - do - do - all c/sons.				
Qty (A+B)	R/wall = 2 Nos x 4 x 4			= 32	
	Abutment - 2 Nos x 2 x 8			= 32 Nos	
				T = 64 Nos	= 64 Nos
24/(28)-	providing and laying filter media with Granular Crushed aggregates - do - do - all c/s-				
Qty (A+B)	Behind Box Cell wall				
	2 Nos x 2 x 3.38 x 0.6			x 2.25M = 18.252 M³	
Behind R/wall	= 2 Nos x 4 x 2.32 x 0.60			x 1.95M = 21.715 "	
				T = 39.967 M³	= 39.967 M³
25/(24)-	Back filling behind Abutment and R/wall - do - do - all c/sons.				
Qty (A+B)	Behind Abt. and R/wall				
	2 Nos x 2 x 2.92 x 3.38			x 1.95M = 76.982 M³	
Deduct:- for filter media.					
	~~2 Nos x 2 x 2.92 x 3.38 x 1.95~~				
Qty of item No-24/(28)				= (-) 39.967 "	
Net Qty				= 37.014	= 37.014 M³

Continuation

Sch. XLV-Form No. 134

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

26/(19) – PCC Grade (M-15)

PCC in sub structure complete as per — do — all c/ Job.

Qty (A+B) Over Return wall

2 Nos × 4 × 2.92 × 0.40 × 0.150m = 1.402 m³ = 1.402 m

27/(20) – Supplying fitting and placing HYSD bar Reinforcement — do — all c/Job

12 mm ϕ bar on top slab

A = M/bar – 49 × 2.570m = 125.93 m

46 × 2.570m = 118.22 "

D/bar – 2 × 15 × 5.920 m = 177.60 "

B = m/bar – 49 × 2.570m = 125.93 "

46 × 2.570m = 118.22 "

Dist/bar = 2 × 15 × 5.920m = 177.60 "

T = 843.50m

@ 0.89 kg/m = 750.715 kg — (a)

10 mm ϕ bar (Anker)

Qty (A+B) = 2 Nos × 2 × 6 × 2.420 = 58.08m

@ 0.62 kg/m = 36.00 kg — (b)

8 mm ϕ bar Ring

Qty (A+B) = 2 Nos × 2 × 23 × 0.88m = 80.96m

@ 0.40 kg/m = 32.40 — (c)

Continuation

Total Qty (a+b+c) = 819.115 kg

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. F. Qty.				= 819.115 kg	
					or 0.818 MT
(signed) 10/01/2024 J.E.		(signed) 10/01/24 AE			
28/(30) – RCC Grade (M-25)					
provide R.C.C. in super-					
-structure as per – do –					
do – all 4 sob.					
Qty (A+B) in Top slab & Kerb.					
Top/slab – 2 nos x (1 x 2.50) x 6 x 0.25					
				= 7.50 m³	
in Kerb – 2 nos x (2 No x 2.50) x 0.275					
2 nos x (2 N x 2.50m) x 0.250					
			x 0.275m = 0.688 m³		
				T = 8.188 m³	= 8.188 m³
29/(29) – Drainage spots com-					
-plete as per – do –					
– do – all 4 sob.					
A =	1 x	2 nos	=	2	
B =	1 x	4 nos	=	4	
				T = 6 no	= 6 No.
30/(31) – Const. of R.C.C. Railing					
of M-25 grade in cast.					
– do – do – all 4 sob.					
Qty (A+B)	2 nos x	2 x 2.50m =		10.00m	= 10.00m
(signed) 10/01/2024 J.E.		(signed) 10/01/24 AE			

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
31/(09) —	G.S.	B.			
	Const. of G.S.B. by				
	providing shell gradedal				
	Materials — do — do —				
	— all complete.				
(a)- Profile correction over					
Damaged Brick Soling.					
1	2.00m	1.50m	0.10m	= 0.30m³	
1	5.00m	2.00m	0.10	= 1.00	
1	10.00m	3.00m	0.10	= 3.00	
1	8.00	2.50	0.10	= 2.00	
1	12.00	3.00	0.10	= 3.60	
1	15.00	2.50	0.10	= 3.75	
1	12.00	2.00	0.10	= 2.40	
1	8.00	3.00	0.10	= 2.40	
1	11.00	2.50	0.10	= 2.75	
1	18.00	3.00	0.10	= 5.40	
1	16.00	2.50	0.10	= 4.00	
1	14.00	3.00	0.10	= 4.20	
1	15.00	3.00	0.10	= 4.50	
1	18.00	2.00	0.10	= 3.60	
1	12.00	1.50	0.10	= 1.80	
1	14.20	2.50	0.10	= 3.55	
			T=	48.24m³	(a)
(b) Box cutting					
1	~~30.00m~~	~~4.05~~	~~x 0.10~~	~~= 12.15m³~~	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. f. Qty			—	= 12.15m³	PCC
	1×	18m×	4.05×	0.10= 7.29	PCC
In box cutting					
PCC to PCC	2×	(18×30m)×	0.375×		
			×0.10=	40.50	m³
	2×	16m×	0.375	×0.10= 1.20	"
B/soling to PCC	2×	(21×30m)×	0.375×	0.10 = 47.25	"
	2×	7m×	0.375	×0.10= 0.525	"
B/soling to BT	2×	(32×30m)	×0.525		
			×0.10=	100.80	m³
	2×	11m×	0.525	×0.10= 1.155	"
			T=	191.43	m³ — (b)
Earthen to PCC	1×	30m×	4.05×0.10	=12.150	m³
	1×	18m×	4.050×0.10	=7.29	"
Earthe to BT	1×	(10×30m)	× 4.05		
			×0.20=	243.00	"
	1×	26m×	4.05	×0.20= 21.06	"
Basic soling to BT	29×	30m×	4.05		
			×0.10	=352.35	m³
			T=	635.85	" — (c)
	total	Qty	(a+b+	c) =	875.52 m
J.E. 28/01/2024			28/01/24 AE		
32/(10) – WBM Gr-3					
	providing, laying spreading and compacting stone Aggregates — do — do — all C/Job-				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Widening					
(PCC to PCC) 2	×(18 ×	30M) ×	0.375		
			×0.075		=30.375 m^3
2×	16 m×	0.375	×0.075		= 0.90 "
20	×30m	×3.75	×0.075		= 168.75 "
20×	30m×	3.75×	0.075		= 168.75 "
20×	30m×	3.75×	0.075		= 168.75 "
2×	30M×	3.75×	0.075		= 16.875 "
1×	21m×	3.75×	0.075		= 5.906 "
					T = 560.306 m^3 = 560.306 m^3

Materials statement

(1) Earth work — (R- 35.01/m^3) = 4381.89 m^3

(2) Stone Aggregates

(i) (53 mm to 9.5D) (R- 915.67/m^3) = 525.31 m^3

(ii) 9.5 mm to 2.36 MM & stone screening

11.2 mm (R- 424.21/m^3) = 344.60 m^3

(iii) - 53 mm to 22.4 mm (R- 1080.50/m^3) = 677.97 m^3

(-3) Coarse sand. (R- 454.00/m^3) = 386.76 m^3

(4) Crushed Aggregates

(i) 40 mm Aggregate (R- 975.00/m^3) = 60.474 m^3

(ii) 20 mm Agg. (R- 1186.00/m^3) = 45.44 m^3

(iii) 10 mm Agg. (R- 586.00/m^3) = 20.27 m^3

(5) Reinforcement (Steel) = (R- 54,100.00/MT) 2.358 MT

Continuation

Abstract of cost

for 1st PMAK Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name/work – const. of Road from					
" Tak tola End point to Mushar Tola					
(MMGSY, NDB)					
Agency – Sharma construction					
At- Ward No – 24, Mustan Tola, Bagha-1					
(West Champaran)					
Agreement No – 06 SBD/MMGSY, NB (2023-024)					
Date/commence – 09/08/2023					
Date/completion – 08/08/2024					
Approved Rate – 0.09% Below.					
1/(01) – Setting out const. of Ref. & working BM.					
Qty vide P(01)/TMB = 2.50 km					
	@ Rs 5383.90/km = Rs				13,460=00
2/(02) – Const. of R/Pillar –do–					
Qty vide P(01)/TMB = 2.50 km					
	@ Rs 2511.31/km = Rs				6,278=00
3/(03) – Clearing and Grubbing					
	Road Land –do–do–				
Qty vide P(01)/TMB = 0.76 Hact					
	@ Rs 72697.86/Hact = Rs				55,250=00
4/(04) – Excavation for road					
	way in soil using –do–				
Qty vide P(02)/TMB = 222.72 M³					
	@ Rs 179.66/m³ – = Rs				40,014=00
				= Rs	115,002=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B-f-	Amount			= Rs	115,002=
5/(05) - Construction of Embank-					
-ment with Approved					
mat. -do- -do- all 4 sides.					
Qty vide P(03)/TMB = 155.90 m³					
@Rs 68.85/m³				= Rs	10,734=00
6/(06) - Const. of embankment					
with Approved mat. Level					
up to 1000 M - do -					
Qty vide P(05)/TMB = 2830 m³					
@ Rs 259.00/m³				= Rs	732,970=00
7(07) - Const. of embankment					
with Approved mat. Level					
up to 100 M - do -					
Qty vide P(06)/TMB = 707.60 m³					
@ Rs 183.61/m³				= Rs	129,922=00
8/(08) - Loosening of the Ground					
upto a level of 300 MM					
below -do- do- all 4 S.					
Qty vide P(02)/TMB = 844.05 m³					
@ Rs 262.54/m³				= Rs	221,597=00
9/(09) - Const. of G.S.D. by P/V.					
well grouded mat -do-					
Qty vide P(15)/TMB = 875.52 m³					
@ Rs 4179.22/m³				= Rs	3,658,991=00
Continuation				= Rs	4,869,216=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B f Amount = Rs			48,69,216=00
10/(10) - WBM-Gr-3 - P/L. Laying Spreading & compacting stone agg. -do-do- all cJ.					
Qty vide P(16)/TMB = 560.306 m³					
@Rs 5530.44/m³ = Rs					30,98,739=00
11/(16) - Earth work in Excavation for foundⁿ of struc -do-					
Qty vide P(06)/TMB = 23.52 m³					
Qty vide P(07)/TMB = 223.09 "					
			T =	246.61 m³	
@ Rs 410.66/m³ = Rs					1,01271=00
12/(17) - P/L. Concrete for plain concrete in open foundⁿ (M-10) -do-do- all c/Sd.					
Qty vide P(07)/TMB = 15.80 m³					
@ Rs 8923.41/m³ = Rs					1,40,990=00
13/(18) - P/L. Concrete for plain concrete in open foundⁿ (M-15) -do-do- all CRD					
Qty vide P(08)/TMB = 62.04 m³					
Qty vide P(10)/TMB = 4.50 m³					
			T =	66.54 m³	
@ Rs 8497.82/m³ = Rs					5,65,445=00
				= Rs	87,75,661=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	B.F.	Amount		= Rs	877566 =
14/(19) -	P.C.C. (M-15) in				
	Sub-Structure - do -				
	- do -	all Cft.			
Qty	vide	P(10)/	TMB	= 38.95 M³	
Qty	vide	P(12)/	TMB	= 1.402	
				T = 40.35 M³	
@	Rs 8786.59/M³			= Rs	354521 =
15/(20) -	Supplying fitting				
	and Placing HYSD bar				
	Reinforcement in				
	Super Struc. - do -	do -			
Qty	vide	P(13)/	TMB	= 0.818 MT	
@	Rs 88,376.62/MT			= Rs	72,292 =
16/(24) -	Back-filling behind				
	Abutment and R/wall -				
	- do -	- do -	all Cft.		
Qty	vide	P(11)/	TMB	= 37.015 M³	
@	Rs 954.85/M³			= Rs	35,343 =
17/(25) -	P/V. Weepholes in				
	R.C.C. Conc. Abutment &				
	R/wall - do -	do -	all Cft.		
Qty	vide	P(11)/	TMB	= 64 Nos.	
@	Rs 147.96/each			= Rs	9,469 =
				= Rs	92,47,286 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
B-F.	Amount			= Rs	9247286=
18/(26)	RCC Grade (M-25)				
	R.C.C. (M-25) in sub				
	structure -do-do-				
Qty vide	P(13)/TMB=				8.188 m³
Qty vide	P(10)/TMB=				19.98 MT
@ Rs	10843.91/m³			= Rs	88790=00
19/(27)-	supplying fitting				
	and placing HYSD				
	bar Reinforcement				
	(Fe-415) in sub structure				
	-do- -do- all c/sors.				
Qty vide	P(10)/TMB=				2.358 MT
@ Rs	80897.73/MT			=	190756=00
20/(28)-	P/F and Laying filter				
	Media with gravel &				
	crushed aggregates				
	-do- -do- all c/sors.				
Qty vide	P(11)/TMB=				39.967 m³
@ Rs	4641.42/m³			= Rs	185504=00
21/(29)-	Drainage spouts -do-				
	-do- complete as per				
	all c/sors.				
Qty vide	P(13)/TMB=				6 Nos
@ Rs	817.20/each			= Rs	4903=00
22/(30)-	RCC. M-25 P/F and				
	Laying R.C.C. in S/St.				
	-do- -do- all c/sors				
Qty vide	P(13)/TMB=				8.188 m³
@ Rs	10843.91/m³			= Rs	88790=00
	Continuation				
				= Rs	9806029=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	C/f. Amount				= Rs 98,06,029=00
23/(31) –	const. of R.C.C. Railing				
	of M-25 Grade in				
	Cast. – do – do – all C/Sh.				
	@Sty vide P(13)/TM B				= 10 M
	@ Rs 6647.67/m				= Rs 66,477=00
24/(32) –	Bedding for Type-				
	'B' PCC(M-20) - bedding				
	Laying (1st class) - do				
	– do – all C/Sh.				
	@Sty vide P(06)/TM B				= 4.20 M³
	@ Rs 574.77/m³				= Rs 2414=00
25/(33) –	Dismantling of struc.				
	- Type/P.C.C. – do – do –				
	all C/Sh.				
	@Sty vide P(06)/TM B				= 0.34 M³
	@ Rs 658.99/m³				= Rs 224=00
26/(34) –	Dismantling of struct.				
	- Wire/R.C.C. – do – do –				
	@Sty vide P(06)/TM B				= 0.76 M³
	@ Rs 1649.22/M³				= Rs 1253=00
27/(35) –	Dismantling of struct.				
	- Wire/Pebble Stone masonry				
	– do – do – all C/Sh.				
	@Sty vide P(06)/TM B				= 24.75 M³
	@ Rs 467.35/M³				= Rs 11,567=00
					= Rs 98,87,964=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
B.F. Amount				= Rs	98,87,964=00
28/(36) –	p/v. & laying R.C.C pipe NP4 for cul. 07 1st class bedding -do- -do- all c/as.				
Qty vide P(07)/TMB = 60.014					
@ Rs 876.030/M				= Rs	52,562=00
29/(40) –	P/V. and laying & fixing of typical MMGSY informatory sign board with 'LOGO' -do- do- all c/Sol.				
Qty vide P(01)/TMB = 2 Nos					
@ Rs 15001=07/each				= Rs	30,002=00
				T= Rs	99,70,528=00
Add – 1% L/cess				= Rs	99,705=00
Add – 18% GST				= Rs	17,94,695=00
				G.T. = Rs	1,18,64,928=00
Add – Seignorage fee (S.F)					
= Rs 18,28,942.00 × 10%				= Rs	1,82,894=00
Total value of work done				= Rs	1,20,47,822=00
Less, 0.09% Below (As per Agreement)				=	(–) 10,843=00
Total payble Amount value				= Rs	1,20,36,979=00
[signature] 07/02/2024 J.E.		[signature] 08/02/24 AE			

Continuation