2nd and final Bill

Name of Chandi-Thartham RCD road near Ghat to Malbigha Rajkula Tola.

Agency - Dilip Kumar Verma, Chandi

Ag No - 06 SBD/ 2023-24

Date of commence -ment - 20.7.2023

Date of completion - 19.7.24

Date of measure-ment -

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Measurement					
(1) Clearing and Grubbing road land — do do all comp — job					
2x 370m x 2.20m or					
= 1628 m2					
= 0.1628 Ha					
(2) Box cutting do — do all job					
2x10x30x0.525 = 55.12 m3 x0.175 = 29.98 m3					
(3) Constn of embank -ment from Box					
Cutting — do — job.					
Qty = 4.49 m3					
(4) Constn of G.S.B Gr-II do — do all comp job					
2x30x10x0.525 x0.10 = 31.50 m3					
Profile correction					
2x15x3.00x0.10 = 9.00 m3					
3x12x2.40x0.10 = 8.64 m3					
5x6x2.00x0.10 = 6.00 m3					
21x0.90x0.90x0.10 = 1.70 m3					
15x0.60x0.60x0.10 = 0.54					
= 57.38 m					
(P.T.O)					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Consn of 40mm					
Grd (II) — do — do					
— all — comp					
— job.					
2	x 10	x 30	x 3.375		
			x 0.075	=	16.88 m³
2	1 x	0.90	x 0.90	x 0.075	= 1.28 m³
1	5 x	0.60	x 0.60	x 0.075	= 0.41 m³
				=	18.57 m³
(6) P/V Prime coat					
— do — do — all					
complete job					
20 m	x 5.70	M av	=		114.00 m²
10 x	30 x	3.75	M av	=	1125 m²
	7 x	30 x	3.75	M av =	787.50 m²
				=	2026.50 m²
(7) P/V tack coat					
— do — do — all					
complete job.					
Area same					
as item No					2026.50 m²
(8) P/V M.S.S. 30mm					
thick — do — do — all					
complete job					
20 m	x 5.70	M av	=		114.00 m²
10 x	30 x	3.75	M av	=	1125.00 m²
	7 x	30 x	3.75	M av =	787.50 m²
				=	2026.50 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) P/V and laying C.C Pavement Mix -do- -do- -all- comp- job.					
	4	8m	x 3.30 Ma	x 0.16 = 25.34 m³	
	5	m	x 4.60 Ma	x 0.16 = 3.68 m³	
	5	5m	x 4.90 Ma	x 0.16 = 43.12 m³	
	25	m	x 5.20 Ma	x 0.16 = 20.80 m³	
	50	m	x 4.55	x 0.16 = 43.68 m³	
	20	m	x 4.60 Ma	x 0.16 = 22.08 m³	
	3	x	4.00	x 0.160 = 12.8 m³	
	18	x	3.20	x 0.160 = 9.2 m³	
	10	x	3.40 Ma	x 0.16 = 5.44 m³	
	5	x	2.85 Ma	x 0.16 = 1.37 m³	
	9	x	2.55 Ma	x 0.16 = 3.67 m³	
	13	x	3.65 Ma	x 0.16 = 7.59 m³	
	2	x	8.55 Ma	x 0.16 = 1.14 m³	
	22	x	3.30 Ma	x 0.16 = 11.62 m³	
	23	x	5.70 Ma	x 0.16 = 13.62 m³	
	4	x	4.10 Ma	x 0.16 = 2.62 m³	
	14	x	4.50 Ma	x 0.16 = 10.08 m³	
				= 226.35 m³	
(10) P/V C C M-20 Comp- -do- -do- -all- comp- job.					
	2	x 30	x 0.40	x 0.075 m³	
				= 1.80 m³	
(11) S/F work calculation -do- -do- -all- Completed -job.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chainage	C/S Area	Mean C/S Area	Distance	Qty in	
in m	in m²	in m²	in m	m³	
0					
50					
100					
150					
200					
250					
300					
358					
400					
450					
500					
550					

1

600					
650					
700					
750					
800					
850					
900					
					= 3679.50 m³
Deduction for					
Crust - C.C					(-) 226.35 m³
C.S.B 1st					(-) 210.87 m³
WBM 3rd					(-) 422.23 m³
					= 2820.05 m³
(i) Lead upto 1000 m = 620.00 m³					
(ii) Lead upto 100 m = 1632.05					
(iii) Shoulder/subgrade = 568.00					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) P/r and fixing Measurement stone -do do -all- job					
(i) KM stone = 2					
(ii) 200m stone = 4					
(13) P/r and fixing Boundary Pillar -do do -do dojs					
4×6 = 24 Nos					
(14) P/r of Rubble					
Dtg -do -do					
-all- job					
Pisem IX Pg Ferm ilas					
Carpet = 4×6×3.75 ×0.15 = 13.501					
Road Marking					
Paint = 4×6.00× 3.75 ×0.150 = 13.50					
(15) P/r and fixing traffic Sign do do - job					
(i) Equi Δ = 8 Nos					
(ii) 650 Cir = 12 Nos					
(iii) 600× 450mm R.B = 6 Nos					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Road Marking on B.T Surface					
— do — do —					
	2	3.32	0.10	= 10	6 M2
(17) Road Marking on C.C Pavement					
— do — do —					
	2	3.32	0.10	= 6	6.40 M2
	2	3.50	1/2	= 7.00 M2	
				= 13.40 M2	
(18) Planting of trees					
— do — do — do —					

2 × 26 = 52 Nos

(19) Plr and fixing Night. Sign Board					
— do — do —					
Qty = 1 No.					
(20) Plr wood log — Hole					
do — do — do —					
	2	30		= 60 Nos	
(21) C.P (1:4) — do — do —					
— — for					
	60	(0.40	+ 0.075	+ 0.925 M)	= 84 M2

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Abstract of Cost					
(1) Setting out					
Pillar					
— do — do					
— do — job					
(i) Bench Mark P7					
= 1 No.					
@ Rs 5171=72					Rs 5172=00
(ii) Reference Pillar					
= 3 Nos					
@ Rs 2373=59					Rs 7121=00
(2) Clearing & Scrubbing					
— mile (1) mB					
P7 =		0.46	114		
P13 =		0.162	8 Hq		
		= 0.628 Hq			

@ Rs 72.69=86					
Per Hq — Rs 45712=00					
(3) Cutting of trees					
— mile (1) mB P7					
(i) Girth above					
900-6000 =	8 Nos				
@ Rs 345=76					Rs 2766=00
(ii) Girth 6000-					
9000 mm =	4 Nos				
@ Rs 573=62					Rs 2294=00
(4) Brush cutting — mile					
P7 =		82.015	mB		
P13 =		55.12	mB		
		= 137.27	mB		
4 Hq =		130.71	mB		
@ Rs 103=85					Rs 13574=00
Continuation					
= Rs 76,639=00					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.R.Rs	
(5) Constn of embankment from road way cutting vide DMB					
	P8 = 73.94 M3				
	P13 = 4.49 M3				
	= 78.43 M3				
	@Rs 60 = 83				Rs 4771=00
(6) Const of embankment material from 1000m lead vide DMB					
	P16 = 1632.05 M3				
	@Rs 175 = 01				
	Pr M3				Rs 285625=
(7) Constn of embankment mat lead up to 1000m vide					
	P16 = 620 M3				
	@Rs 258-57				Rs 160282=
(8) Constn of subgrade in shoulder vide					
	P16 = 568.00 M3				
	@Rs 262=06				
	Pr M3				Rs 148850=
(9) Constn of G.S.B Gr-II vide					
	DMB P9 = 403.73 M3				
	" P13 = 57.38 M3				

Continuation

= 461.11 M3

= Rs 6,76,167=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.P.	
	B.P. = 461.11 M3				
	@ Rs 2732=22				
	Per M3 – Rs				1259854=
(10) Constn of WMM					
Copy (II) vide					
	P 9 = 153.49 M3				
	P 14 = 18.57 M3				
	= 172.06 M3				
	@ Rs 3957=84				
	Per M3 – Rs				680986=

(11) P/V Prime-coat				
vide	MB			
	P 14 = 2026.50 M2			
	@ Rs 60=05	Rs		121691=
(12) P/V tack-coat				
	vide P14			
	= 2026.50 M2			
	@ Rs 20=62	Rs		41786=
(13) P/V M.S.S 21mm				
	do – do – job			
	Qty – vide			
	MB P 14			
	= 2026.50 M2			
	@ Rs 258=18			
	Per M2 – Rs			523202=

Continuation Rs 3303686=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
				B.F. Rs	
(14) Constn of C.C. Pavement but incl. Qty as per MB P.15					
		= 226.35 MB			
		@ Rs 8039=30 Per MB			Rs 1819696=
(15) P/L and fixing Measurement Stone etc. P17					
(i) KM = 2 Nos					
		@ Rs 2826=40			Rs 5653=
(ii) 200 m Stone = 4 Nos					
		@ Rs 804=87			Rs 3219=
(16) P/L and fixing Logo of Project etc.					
P18 = 1 No					
P19 = 3 Nos					
= 4 Nos					
		@ Rs 11244=14			Rs 44976=
(17) P/L Boundary Pillar etc.					
P17 = 24 Nos					
		@ Rs 667=43 Per No			Rs 16018=
					Rs 51,93,248=

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			@ P.R.		
(18) P/r and fixing retro-reflective thermoplastic from — vide P 17 —					
(i) Equi A = @ Nos					
@ Rs 4172=25					Rs 33382=00
(ii) Common Cir = 12 Nos					
@ Rs 5588=63					Rs 67064=00
(iii) Triangular 450mm x 450mm = 6 Nos					
@ Rs 5443=70 each					Rs 32662=00

(19) Road Marking on B.T Surface — vide Item P 18 = 106 M2					
@ Rs 825=75					Rs 87530=00
(20) Road Marking on C.C Surface — vide P 18 = 73.4 M2					
@ Rs 932=76					Rs 68465=00
(21) Rumble strips — vide P 19 —					
(i) Premix B.T = 13.50 M					
@ Rs 258=18					Rs 3485=00
(ii) C.C = 13.50 @ 825=75					
Continuation					Rs 11148=00
					= Rs 549984=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(22) Planting of tree					
— do — m'dle					
P 18 = 52 Nos					
@ Rs 1233 = 13					
each = Rs 64123 =					
(23) C/w — in foundn					
— m'dle P10					
= 140.60 M3					
@ Rs 410 = 66					Rs 57,739 =
(24) R/v P.C.C M15					
— m'dle P10					
= 17.30 M3					
@ Rs 6713 = 52					Rs 116144 =
(25) Constn of sub-					
structure — do					
— m'dle (M3)					
P 10 = 145.97 M3					
@ Rs 7728 = 76					Rs 11,28,158 =
(26) P/v and laying					
NP3 100 mm ϕ					
Pipe P10 = 15 M					
@ Rs 7602 = 94					Rs 114044 =
(27) Painting of Parapet					
— m'dle P11 = 41.25 M2					
@ Rs 127 = 28					Rs 5254 =

Continuation

= Rs 69,82,446 =

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L.	B.	D.	
				B.Ply	
(28) P/L P.C.C M20 Arch					
Coping -ride					
	P 15	1.80	M3		
	@ Rs 7728=00				Rs 13912=00
(29) P/L weep holes					
-ride P,18					
	=60 Nos				
	@ Rs 146=46				Rs 8788=00
(30) P/L CP(1:4) -ride					
	P,18=	84 M2			
	@ Rs 234=26				
	Per M2				Rs 19678=00
					= Rs 70,24,824=
Add GST					
	LC @ 19%			(+) Rs	1334717=
Signage				(+) Rs	143665=00
					= Rs 85,03,206=00
Deduct @ 10%					
Aspr Agg				(-) Rs	850321=00
					= Rs 76,92,885=00
Less Prev (-)			Rs 41,30,829=00		
		= Rs 35,62,056=00			

Continuation