

M/Scheme: Construction & Sgr Maintenance of RD
from Parane Parase Chak Siriya in Dhanu
MMS-1-SC Block

Schedule XLV-Form No. 134

M/cont 1 — Kanadi construction Pithu. File No - 13

Agm - 20/SBD/20-21 DIVISION

Atto 31th - CH 12-31 SUB-DIVISION

MEASUREMENT BOOK

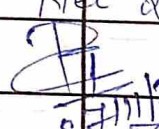
MMS No - 1195

MIS NO - 11905

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
As per Record of Measurement and vide MRS No 958, Page - 37 to 39				
(1/8) Construction of G.C.B. G.I.				
do				
60x scale	2x	30.00	0.525	$\times 0.20 = 6.20 \text{ M}^3$
" w	2x	25.00	0.525	$\times 0.20 = 5.25 "$
				$= 11.55 \text{ M}^3$
(2/7) Sand filling				
do				
	2x	30.00	0.525	$\times 0.10 = 3.15 \text{ M}^3$
	2x	25.00	0.525	$\times 0.10 = 2.63 "$
				$= 5.78 \text{ M}^3$
(2/9) P.V. Laying & Compacting				
W.B.M. G.C.B.				
Main length - 80 - 44.5 M.				
	1x	10.00	$\frac{6.50 + 3.75}{2}$	$= 51.25 \text{ M}^2$
	7x	30.00	3.75	$= 787.50 \text{ M}^2$
	1x	20.00	3.75	$= 75.00 "$
	1x	10.00	$\frac{3.75 + 4.45}{2}$	$= 41.00 \text{ M}^2$
	1x	10.00	3.75	
	1x	10.00	$\frac{4.45 + 3.75}{2}$	$= 41.00 \text{ M}^2$
	1x	30.00	3.75	$= 112.50 \text{ M}^2$
	1x	20.00	$\frac{3.75 + 6.70 + 3.75}{2}$	$= 94.67 \text{ M}^2$
	4x	30.00	3.75	$= 450.00 \text{ M}^2$
	1x	15.00	$\frac{3.75 + 3.65}{2}$	$= 55.50 \text{ M}^2$
Link Road - 80 - 205 M.				
Continuation				$= 1708.42 \text{ M}^2$

BF = 1708.42 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	5.00	5.50	3.75	23.13 m ²
	6	30.00	3.75		675.00
	1	20.00	3.75		75.00
Total Area					2481.55 m ²
$Q_1 = 2481.55 \times 0.075$ $= 186.12 m^3$					
(A/6) Cont of sub grade & earth fill					
Up to 1.00 m					
Bottom slab	2	14	30.00	1.475 (AV) 0.20	247.80
"	2	1	20.00	1.475	17.70
One Side	1	1	20.00	1.475	8.85
Bottom slab	2	14	30.00	1.20	75.60
"	2	1	20.00	1.20	3.60
One Side	1	1	20.00	1.20	1.80
Bottom slab	2	14	30.00	1.20	32.40
"	2	1	25.00	1.20	4.50
Bottom slab	2	14	30.00	1.475	106.20
	2	1	25.00	1.475	14.75
$Q_2 = 504.35 m^3$					
Less previous Q ₁ (P/S, Hen 1/5) = 347.25					
Net Q ₁ = 157.10 m ³					
 J.E. P. 12/02 A.E.					

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: - Construction & Five years					
Maintenance of road from					
Barori to Chok Siriya in					
Dhanayaga Block under					
MM. Gas - (SC)					
R/Contractor: - Kanaudi Constn Pvt Ltd					
Ag. No: - 20/ST/D/2020-21					
Start date - 18/9/20					
Int. dt of Comp - 17/6/2021					
Actual Completion date - 17/6/2021					
Date of Measurement - 17/6/2021					
Work done - Measurement MB (58)					
As per Record Measurement MB No (58) Page - 37 to 41					
(12) P.V. Lay with 20/100					
20mm thick Mix					
Seal Sur facing Type					
(B) - 10 - 100					
Main length - 100 - 445M					
1 x 6.50 x					
1 x 10.00 x 6.50 + 3.75 = 51.25 m ²					
7 x 30.00 x 3.75 = 787.50 "					
1 x 20.00 x 3.75 = 75.00 "					
1 x 10.00 x 4.35 + 3.75 = 40.50 "					
1 x 10.00 x 4.35 + 3.75 = 40.50 "					
1 x 30.00 x 3.75 = 112.50 "					
1 x 20.00 x 3.75 + 6.65 + 3.75 = 94.33 "					
4 x 30.00 x 3.75 = 450.00 "					
Continuation					
= 1651.58 m ²					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	15.00	3.75	3.60	= 55.13 m ²
	Link Road - 00.205M				
	1	5.00	5.50	3.75	= 23.13 "
	6	30.00	3.75		= 675.00
	1	20.00	3.75		= 75.00
	1	15.30	3.75		= 57.38
					= 2462.22 m ²
				Limit to	2461.88 m ²
(2/1) P/V & applying Tole					
Coat with (10-1) do					
Area same above					
Limit to 1/2 in the Road = 2461.88 m ²					
(3/10) P/V & applying Primer					
Coat with (55-1) do					
all complete for					
Area same above the (3/10) = 2461.88 m ²					
(4/19) P/V & apply hot applied					
thermo plastic compound					
2.5 mm thick do do					
	2	14	30.00	0.10	= 84.00 m ²
	2	1	25.00	0.10	= 5.00
	2	6	30.00	0.10	= 36.00 "
	2	1	20.30	0.10	= 4.06
Zebra.	2	5	1.00	0.10	= 1.00
					= 130.06 m ²

Continuation

Limit to 130.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/13) 17x4x1 Ordinary KM					
Stone					
				Total -	3 Nos
(6/14) 17x17 200M Stone					
do					
				Total -	3 Nos
(7/15) 17x17 Reem-15 Sand					
Reem					
				Total -	20 Nos
Traffic Sign					
(8/16) 600mm Circular T/S					
				Total -	4 Nos
(9/17) 600mm square T/S					
T/S					
				Total -	2 Nos
(10/18) 17x17 600x400 mm					
Reinforced T/S					2 Nos
(11/22) P/V Discontin & Plac					
Identification - Board					
				Total -	1 No
(12/28) 17x17 two Corners					
new surface					
	2x	3.60	2.00	=	14.40 M ²
	2x	3.60	0.60	=	4.32 "
	2x	3.60	0.40	=	2.88
	4x	0.40	0.60	=	0.96
					= 22.56 M ²
(13/23) 17x17 4x4x4x4 Board					

Continuation
C.I. Board - 1 No
Lugs - 13 - 1 No
Mount. Board - 1 No
Total - 3 Nos

7/11/2021
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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ATB STRAIGHT OF COST</u>					
① P.V.E. from Workshop Bench					
Mark ———					
= 0.65 Km (P-11, 9+1/1)					
① 3825.74/km					₹ 2487=
② P.V.E. from Settlement P.V.					
do ———					
= 0.65 Km (P-11, 9+2/2)					
① 1750.50/km					₹ 1138=
③ Clearing & grubbing road land					
= 0.195 Hect (P-12, 9+3/3)					
① 52970=33/Hect					₹ 10,329=
④ Excavation of road					
Wey ———					
= 4200 M ³ (P-12, 9+4/4)					
① 75=87/M ³					₹ 3174=
⑤ Const of Embankment					
all comp. 803					
= 133.45 M ³ (P-12, 9+5/5)					
① 192=25/M ³					₹ 20506=
⑥ Const of L.L. grade & concrete sidewalk					
= 1494.25 M ³ (P-12, 9+6/6)					
= 157.10 M ³ (P-17, 9+4/6)					
= 1651.35 M ³					
debit to 1648.00 M ³					
Continuation					
① 192=25/M ³					₹ 3,16828=
					₹ 354462=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11/11) P.V. & apply-p Take coat do					
= 2461.88 M ² (P-19, 94 2/11)					
@ 14 = 77/M ²					₹ 36,362 =
(12/12) P.V. Lay-p & solu-p 20 mm Thick Mix Sea					
Surf-p Tyres 15					
= 2461.88 M ² (P-19, 94 1/12)					
@ 198 = 30/M ²					₹ 4,88,191 =
(13/13) P.V. Rce M-15 R.M. Stone					
= 3 Nos (P-20, 94 5/13)					
Limit to - 2 Nos					
@ 2109 = 71 each					₹ 4,21,950 =
(14/14) P.V. 200mm Stone (Bound)					
= 3 Nos (P-20, 94 6/14)					
Limit to - 2 Nos					
@ 588 = 68 each					₹ 11,776 =
(15/15) Rce M-15 Boundary Pylon					
= 20 Nos (P-20, 94 7/15)					
@ 496 = 99 each					₹ 9,940 =
(16/16) 600mm Circular (Spred limit) T/Syn					
= 4 Nos (P-20, 94 8/16)					
@ 4617 = 84 each					₹ 1,84,710 =

Continuation

33,65,829 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17/17) 900 mm square P 7/17 (4/17 at end)					
= 2 Nos (P-20, 9+9/17)					
@ 5101-02 each					Σ 10202
(18/18) 600 x 450 mm Rectangular (School)					
= 2 Nos (P-20, 9+10/18)					
@ 4492-46 each					Σ 8985 = u
(19/19) P/V & layout of hvac applied thermoplastic Compound					
= 130.00 m ² (P-19, 9+11/19)					
@ 721-95 / m ²					Σ 9385 = u
(20/21) P/V & layout 300 mm dia Rec Duct P/V					
= 22.50 M (P-					
@ 837-52 / m					Σ 18,814 = u
(21/22) P/V Plate & Island feeder Board					
= 1 No (P-20, 9+11/22)					
@ 2126-44 each					Σ 2126 = u
(22/23) P/V & Board Typical MML by Project Board with logo					
= 2 Nos (P-10, 9+10/23)					
= 3 Nos (P-20, 9+13/23)					
= 5 Nos					
@ 10889-25 each					Σ 54446 = u
Continuation					Σ 3554016 = u

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/22) Planting of Tree by 1m sod 20 to 25					
P-15, Q-1 1/2 = Total					66 MW
66 MW @ 802-62 each					₹ 55613 =
C.D. WORK (600 Φ HPC)					
(24/21) C/W in excavation for foundation					
= 15.662 M ³ (P-13, Q-1 1/2)					
@ 279209/M ³					₹ 4371 =
(25/25) PCE M-15 (1:2.5:5) in level of ground					
= 2.846 M ³ (P-13, Q-1 1/2)					
@ 488802 M ³					₹ 13911 =
(26/26) PCE M-20 in Head wall					
= 13.869 M ³ (P-13, Q-2 26/26)					
@ 542249/M ³					₹ 75205 =
(27/27) PCE 100 Φ Rec Pipe MB - 100 Φ					
= 7.50 M (P-14, Q-1 1/2)					
@ 256476/M					₹ 19236 =
(28/28) Pair of two coat on new suboc					
= 22.56 M ² (P-20, Q-12/28)					
@ 100 = 17/M ²					₹ 2260 =

Continuation

37,24,612 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	₹	37,24,612=
9/34) Adelp. Lab. Gr. @ 1%			₹		37246=00
9/35) Adelp. G. ST. @ 12%			₹		4,46,953=
36) Adelp. Seig. Fee.					
(i) Embt + Sub grade					
= 1781.45 m ³					
① 3=45/m ³				₹ 6199=	
(ii) G.S.B. Gr. I					
= 410.57 m ³					
① 55=58/m ³				₹ 22819=	
(iii) W.B.M. Gr. B					
= 184.64 m ³					
① 71=43/m ³				₹ 13189=	
(iv) Coarse Sand					
= 367.50 m ³					
① 17=58/m ³				₹ 4661=	
(v) 20mm. M.S.S.					
= 2461.88 m ²					
① 1=41/m ²				₹ 3471=	
(vi) Cable duct p/v					
= 22.50 M					
① 5=11/m				₹ 115=	
(vii) PCC M-15					
= 2.846 m ³					
① 52=03/m ³				₹ 148=	
(viii) PCC M-20					
= 13.869 m ³					
① 74=03/m ³				₹ 1027=	
				₹ 51,629=	(H) 51,629=
					₹ 42,60,440=
					0=0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Less Breviden Payment			B.F.F	42	60,440 =
Payable - Amount				25	38,688 = 4
				172	1,752 = 40
<i>25/01/2022</i>			<i>25/1/22</i>		
<i>JE</i>			<i>CE</i>	<i>A.F</i>	
			<i>hy</i>	<i>10/01/22</i>	

Overall Material Status

(i) Earth $\frac{1}{2}$					1781.45 m ³
(ii) Stone Mosaic Regret					617.56 m ³
(iii) Stone Screening					= 44.31 m ³
(iv) Coarse Sand					= 547.05 m ³
(v) Stone Chips					= 81.51 m ³
(vi) Bitumen 40-50 (S-90)					= 4678.60 kg
(vii) Emulsion (SS-1)					= 2093 kg
(viii) Emulsion (RS-1)					= 2.093 MT
					= 677 kg
					0.677 MT
<i>25/1/22</i>			<i>25/01/22</i>		
<i>JE</i>			<i>CE</i>		

Detailed of Supplies

Material	Inv/Doc No	Date	Comp	Qty
Bitumen (S-90)	136756100324	5/6/21	H.P.	4692.20 kg
Emulsion (RS-1)	JTB/21-22 00077	4/6/21	JUNO	0.800 MT
" (SS-1)	do	do	do	3.00 MT

Balance Qty

Bitumen (S-90)	4692.20	- 4678.60	=	14.20 kg
Emulsion (RS-1)	0.800	- 0.677	=	0.123 MT
" (SS-1)	3.00	- 2.093	=	0.907 MT

Continuation

25/1/22

25/1/22