

W/scheme:- Construction & S&M Maintenance of Road
Sewth Chhilked Goringdpur Bawalhi Road to
Kamhaehok In Dhamanua Block
MM65y (bend)

Schedule XLV-Form No.-134

C/N:- M/S Tai Tam Construction
DIVISION

Agm:- 02 / SBD / 2019-20
SUB-DIVISION

अनुमोदित - २१-१२-३१११

MEASUREMENT BOOK

1088

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Course - ch	— do —		
H.W.	2A	3.90	1.15	0.15	1.35 M ³
Below p/q	1A	5.31	1.13	0.25	1.50 "
					= 2.85 M ³
(4/31) P.V. PCC M-20 in open.					
Foundation					
H.W.	2A	3.70	0.70 (P.V.)	2.18	11.29 M ³
Parapet	2A	3.70	0.40	0.650	1.92 "
					= 13.21 M ³
Loss to pipe -					
	2A	7/4	(0.83) ²	0.53	= (-) 0.57 M ³
			Net Qty		= 12.64 M ³
(5/32) P.V. & Lay in ree pipe					
N.B. 600 Ø					
Apr. spec. for cast					
for	1A	3 MBS	2.5 M		7.50 M
(6/33) Buntip two cast					
on new Concrete					
Surface					
Outer face	2A	3.70	1.20 (Av)		8.88 m ²
Inner face	2A	3.70	0.65 (Av)		4.81 "
Top	2A	3.70	0.40 (Av)		2.96 "
Side	4A	0.40	0.65 (Av)		1.04
					= 17.69 M ²
(7/34) Construction of G.S.B.					
Grd by providing					
well graded material					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH: 423 to 422 M (B.T. PART)					
<u>Update Measurement (Overall)</u>					
B.T. Portion :- CH: 423 to 423 M					
	1	10.00	$\frac{4.05}{2}$	0.20	13.05 m ³
✓	13	30.00	4.05	0.20	315.90 "
	1	23.00	4.05	0.20	18.63 "
C.C. Portion :- CH: 423 M to 715 M					
	9	30.00	3.75	0.10	101.25 "
✓	1	13.00	3.75	0.10	4.88 "
	1	$\frac{9.00 \times 3.75 + 6.50}{2}$		0.10	4.61 "
Update Q/ly = 458.32 m ³					
Less Review Q/ly					
T.M.B P/5, 24 1/4 + 14 -- (-) 453.98 m ³					
Balance Q/ly = 4.34 m ³					
Ramp 12 ft wide. 1 x $\frac{7.00 \times 3.00 + 1.50}{2} \times 0.10 = 1.58$ m ³ (B)					
(A+B) = 4.34 + 1.58					
= 5.92 m ³					
8/10+15) W.B.M. Gr. 3:- Paravali					
Comp. Compaction					
W.B.M. Gr. 3 - do - do					
all Comp. -- 0.10					
B.T. Part:- CH: 423 to 423 M.					
	1	10.00	$\frac{3.75}{2}$	0.075	4.67 m ³
✓	13	30.00	3.75	0.075	109.69
	1	23.00	3.75	0.075	6.47 "
C.C. Port:- CH: 423 to 715 M.					
	9	30.00	3.75	0.075	75.94
✓	1	13.00	3.75	0.075	3.66 "
= 200.43 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$1 \times 9.00 \times 3.75 + 6.50 \times 0.075 = 3.46$
Inside. Ramp. —					
					$1 \times 7.00 \times 3.00 + 1.50 \times 0.075 = 1.18 "$
					Total. = 205.07m ³

(9/8) Construction of sub grade

& earthen shoulder —

do — do — Cb. 0.03

Earthen shoulder

Side of W.B.M. 3

B.T. border. $2 \times 14 \times 1.15 \times 0.075 =$

$2 \times 14 \times 30.00 \times 1.15 \times 0.075 = 72.45m^3$

$2 \times 1 \times 3.00 \times 1.15 \times 0.075 = 0.52$

C.C. part.
R/side $1 \times 9 \times 30.00 \times 0.625 \times 0.075 = 12.66$

" $1 \times 1 \times 22.00 \times 0.625 \times 0.075 = 1.03$

L/side. $1 \times 3 \times 30.00 \times 0.625 \times 0.075 = 4.22$

$1 \times 2 \times 25.00 \times 0.625 \times 0.075 = 2.34$

$1 \times 4 \times 30.00 \times 0.625 \times 0.075 = 5.63$

$\Sigma = 98.85m^3$

[Signature]
5/3/20
de

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6/3/20
A.

Particulars	Details of actual measurement				Contents of area						
	No.	L.	B.	D.							
Name of work:	Construction & 5 years maintenance of road from Sewati chikla Goundpur Baurahi Road to Kanhaich in Dhanarus Block. under MMGSX (GEN)										
N/Contractor:	M/s Jai Ram. Constn										
Agg No: -	02/LSD/2019-20										
Start date -	9/3/2019										
Int. dt of Comp -	8/3/2020										
Work Done											
(1/13) M.S.C.:-	Providing layer										
2 solup 20mm Thick											
Mix Seal. In form											
Type: BS:- do - do											
Comp. job											
CH: 00 - 423 M.											
$1 \times 10.00 \times \frac{8.70 + 3.75}{2} = 62.25 M^2$											
$5 \times 30.00 \times 3.75 = 562.50$											
$5 \times 30.00 \times 3.75 = 562.50$											
$3 \times 30.00 \times 3.75 = 337.50$											
$1 \times 23.00 \times 3.75 = 86.25$											
Total Qty = 1611.00 m ²											
(2/12) P/V & apply y Take											
Coat with (RS-1) - do											
(Below M.S.S)											
Qty same above & do. (1/13) = 1611.00 m ²											

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12/28) P/V & Fixing Mainline hand board - with logo ————— 1 x 2 MWS = 2 MWS					
(13/8) Constn of Sub grade & Earth shoulder ———— Earth shoulder (side of c/c) CH: Y23 TO 715M					
R/S side ✓	1x9x	30.00x	0.625	0.160=	27.00m³
" "	1x1x	22.00	0.625	0.160=	2.20y
Koffers etc --	1x3x	30.00	0.625	0.160=	9.00
	1x2x	25.00	0.625	0.160=	5.00
	1x4x	30.00	0.625	0.160=	12.00
					Total = 55.20m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
(1/1) Setting out Pillars — do — do — — — — —					
= 0.80 km (P/7, H 1/1)					
@ 13399 = 91/km — ₹					10,720 =
(2/2) Clearing & grubbing road. land — — — — —					
= 0.576 Hect (P/7, H 2/2)					
@ 49809 = 13/Hect — ₹					25,701 =
(3/3) Demolition of exist st — do — — — — —					
= 8.53 m ³ (P/10, H 1/3)					
@ 348 = 21/m ³ — ₹					2970 =
(4/5) Removing all type of H. Pipe — — — — —					
= 5 M. (P/10, H 2/5)					
@ 169 = 97/M — ₹					850 = 00
(5/6) Constn of Embank- ment — — — — — 1000 M					
= 530.91 m ³ (P/7, H 3/6)					
@ 194 = 95 /m ³ — ₹					1,03,501 =
(6/7) Const of Embank with 100m. lead — — — — —					
= 666.55 m ³ (P/7, H 4/7)					
@ 151 = 50/m ³ — ₹					1,00,982 =
(7/8) Const of sub. grade & earth shoulder — — — — —					
2,44,724 =					

2,44,724 =

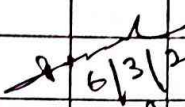
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
all Comp - Ob					
= 1853.24 m ³ (P/7, H 5/8)					
= 98.85 m ³ (P/13, H 9/8)					
= 55.20 m ³ (P/17, H 13/8)					
= 2007.29 m ³					
④ 194 = 95/m ³					₹ 3,91,321-20
(8/9+14) Comp of G.S.B. Grt					
do do do					CP
= 453.98 m ³ (P/7, H 6/9+14)					
= 5.92 m ³ (P/12, H 7/9+14)					
= 459.90 m ³					
⑤ 2437 = 67/m ³					₹ 11,29,084-58
(9/10+15) Comp of M.B.M. Grt					
do do do					CP
are 2 den of CP					
= 205.07 m ³ (P/12, H 8/10+15)					
⑥ 3545 = 26/m ³					₹ 727026-20
(14/11) PVE apply p former					
Coal do do					
= 1611.00 m ² (P/15, H 3/11)					
⑦ 54 = 66/m ²					₹ 88057-20
(11/12) PVE apply p Tank.					
Coal do do					
= 1611.00 m ² (P/14, H 2/12)					
⑧ 19 = 46/m ²					₹ 31,350-20
(12/13) M.S.S. provided apply					
8 rot p 20mm/lucer m.s.s.					
Type B do do					CP
= 1611.00 m ² (P/14, H 1/13)					
⑨ 928 = 45/m ²					₹ 368033-20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/16) Cement concrete surface					
C.C. covered, M. 30					
— — — — —				219	
= 181.38 m ² (8/15, 9/16)					
④ 7675=55 each — ₹ 1392,191=					
(14/18) Pav & Grp R.M. Stone					
— — — — —				Curr	
2 Nos (8/16, 9/18)					
④ 2454=66 each — ₹ 4909=					
(15/19) Pav & Grp 200 M SL					
(Present) — — — — —					
= 4 Nos (8/16, 9/19)					
④ 689=99 each — ₹ 2760=					
(16/21) 600 mm Circular Trench					
— — — — —					
= 2 Nos (8/16, 9/21)					
④ 5316=13 each — ₹ 10632=					
(17/22) 600 mm equivalent					
T/S — — — — —					
= 2 Nos (8/16, 9/22)					
④ 3920=81 each — ₹ 7842=					
(18/23) 600 x 450 mm Rect Trench					
— — — — —					
= 4 Nos (8/16, 9/23)					
④ 5173=30 each — ₹ 20693=					
(19/24) Pav & Grp hwt applied					
— — — — —					
= 84.60 M ² (8/16, 9/24)					
④ 851=80/M ² — ₹ 72062=					

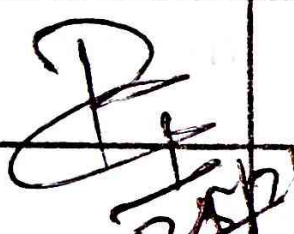
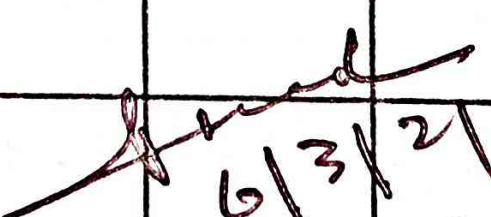
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20/26) P/V & Laying Rec. Dues p.p.s. — — —					
= 30.00 m (P/10, Q/L 1/26)					
(1) 990 = 291 m — — —					₹ 29709.00
(21/28) P/V & Laying m.m.s. Lap & 21-ty sign Bund — — —					
= 2 Nos (P/8, Q/L 7/28)					
= 2 Nos (P/13, Q/L 13/28)					
= 4 Nos (1) 13827 = 78 each — — —					₹ 55311.00
M.P.C.D. work (1 No)					
(22/29) G.W. measurement Garden — — —					
= 15.67 m ² (P/10, Q/L 2/29)					
(1) 285 = 71 m ³ — — —					₹ 4477.00
(23/30) P.C.E.M. 15 in garden. do — do — — —					
= 2.85 m ³ (P/11, Q/L 3/30)					
(1) 5930 = 16 m ³ — — —					₹ 15,300.00
(24/31) P/V P.C.E.M. 20 in Headwall — — —					
= 12.64 m ³ (P/12, Q/L 4/31)					
(1) 5930 = 16 m ³ — — —					₹ 74957.00
(25/32) P/V & Laying Rec. 6 ft N.P.s. 1000 ft — — —					
= 7.50 m (P/11, Q/L 5/32)					
(1) 1298 = 81 m — — —					₹ 9741.00
(26/33) Laying two cont — do = 17.69 m ² (P/11, Q/L 6/33)					
(1) 110 = 69 m ² — — —					₹ 1958.00

Continuation

4624137.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				R.D. 46,24,137.0	
Less 10% below 206 (-)				462414.00	
				46161,723.00	
Less Services Charge (-)				1734,766.00	
Payable - Amount -				24,24,957.00	
 24/2/2021 JK  6/3/21 A.E.					
		C/D			
		APC			
		11/3			
Overall Material Detail					
(1) 4/2 m Rod					3264.75 m ³
(2) Stone Metal Aggregate					
(i) 53 to 9.5 mm size					408.58 m ³
(ii) 9.5 to 2.36 "					116.52 m ³
(iii) 53 to 22.4 mm					248.13 m ³
(3) Stone Screen					
(i) 2.362 below size					174.00 m ³
(ii) 11.2 mm size					49.22 m ³
(4) Stone chips / metal					
40 mm size					7.44 m ³
20 mm size					3.72 "
10 mm size					1.24 m ³
(5) Stone chips up 25 mm size					163.24 m ³
" " 13.2 to 0.09 mm					43.50 m ³
(6) Coarse Sand					89.05 m ³
(7) Bitumen (S-90)					306 J. 10 kg
Emulsion (SS-1)					1370.00 kg
Emulsion (RS-1)					443.00 kg

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total Supply of Bitumen & Emulsion					
Items	dt	Doc. No/Invoice No			Qty.
Bitumen S-90 (VG-10)	6/3/20	136756	I 190010	96	5663.00kg
Emulsion (SS-1)		FY 1920	M 2301	F 1220	2.60 M.T.
Emulsion (RS-1)	6/3/20	FY 1920	M 2301	F 1220	1.00 M.T.
 25/1/2021 84  6/3/21 A.E.					