

Comm. of Road from Tawang Buth Buri to 1022

mm 454-52

Schedule XLV-Form No. 134

Executive Engineer, R.O.D. DIVISION

Tekani

Assistant Engineer, R.O.D. SUB-DIVISION

Tekani

MEASUREMENT BOOK

891

PRANAY KUMAR SINGH

ABSTRACT OF COST

10

Sch. XLV-Form No. 134

1st & Final Bill

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry :- 07.11.21					
(1) Setting out - Construction of reference & working Benchmark -					
Qty. wide P-1 item (2) = 0.528 Km					
@ Rs 3723 = 33/km					Rs 1966 = 100
(2 1/2) Construction of reference pillars					
-- etc all complete job					
Qty. wide P-1 item (3) = 0.528 Km					
@ Rs 1688 = 89/km					Rs 892 = 100
(3 1/2) Clearing and grubbing road land - as per spec					
Qty. wide P-1 item (7) = 0.37 Hectare					
@ Rs 52998 = 20/Hect					Rs 19609 = 100
(4 1/4) Construction of embankment with soil obtain from borrow pits - E/L					
Qty. wide P-2 item (3) (ii) = 450.88 m ³					
@ Rs 192.03/m ³					Rs 86582 = 100
(5 1/5) Construction of embankment with soil filling material obtain from borrow pit with 1000 m/lead					
-- all complete job					
Qty. wide P-2 item (3) (i) = 1052.06 m ³					
@ Rs 154 = 58/m ³					Rs 162627 = 100

Continuation

Rs 271676 = 100

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.			Rs	
(6/6) Construction of subgrade with soil filling & shoulder work -- etc all complete job					
Qty. wide P- 2 item (4) =	1023			48 m ³	
& Qty. wide P- 8 item (6) =	535			94 m ³	
	1658	52	1658	52 m ³	
@ Rs 176 = 64/m ³				Rs 276268 = 00	
				292961 = 00	
(7/7) P/v & Construction of Gravel sub base with gr-I material -- etc all complete job					
Qty. wide P- 7 item (1) =	458			98 m ³	
458.96 m ³ @ Rs 1605.98/m ³				Rs 792627 = 00	
				737081 = 00	
(8/8) P/v and Construction of stone metal Gr. III for WBM - E.I.					
Qty. wide P- 7 item (22) =	149			85 m ³	
@ Rs 2246.32/m ³				Rs 336611 = 00	
(9/9) P/v & applying Prime Coat with SS-1 emulsion -- E.I.					
Qty. wide P- 7 item (23) =	1998			00 m ²	
@ Rs 41 = 31/m ²				Rs 82537 = 00	
				0.0 - Rs 1659719 = 00	
				1720866 =	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F.		B	
(10/10) P/v & applying Taek Coat with RS-Emulsion --- E/L					
Qty. vide P-7 item (24) = 1998.00 m ²					
CB 14 = 29/m ² --- B 28551 = 0					
(11/11) Mix Seal Surfacing with water 20 mm thick Bitumenous surface -- as per sp ²					
Qty. vide P-8 item (25) = 1998.00 m ²					
CB 165 = 06/m ² --- B 329790 = 0					
(12/12) P/v and fixing Km stone Post & 200 m Stone Post --- E/L					
Qty. vide P-9 item (28) (i) & (ii)					
(i) Ordinary Km Post = 02 Nos.					
CB 1991 = 44/each --- B 3983 = 0					
(ii) 200 m Stone Post = 02 Nos.					
CB 573 = 91/each --- B 1148 = 0					
(13/14) P/v Boundary Pillar --- E/L					
Qty. vide P-9 item (29) = 10 Nos.					
CB 516 = 42/each --- B 5164 = 0					
(14/15) Painting Two Coats paint over new concrete surface --- E/L					
Qty. vide P-9 item (30) = 44.64 m ²					
CB 99 = 17/m ² --- B 4427 = 0					

Rs 2032782 = 0

Continuation

2093,929 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.P.			B	
(15/17) P/U and fixing MNGSY main Information Board & Citizen Board					
Qty. wide P - 8 item (27) = 03 Nos.					
CB 9223 = 01/each				B	27669 =
(16/18) P/U & fixing Traffic sign Board					
Qty. wide P - 9 item (32) = (11 & 11)					
1) 06 Nos. CB 3379 = 80/each				B	20279 =
2) 04 Nos CB 4439 = 30/each				B	17757 =
(17/20) P/U and laying hot thermoplastic paint over new BT surface					
-- all complete job					
Qty. wide P - 9 item (31) = 105.60 m ²					
CB 735 = 89/m ²				B	77710 =
(18/21) E/W excavation in foundation trenches for construction of H.P. and slab culvert - - E/I					
Qty. wide P - 3 item (5) = 77.44 m ³					
Qty. wide P - 5 item (14) = 29.12 m ³					
					106.56 m ³
CB 305.42/m ³				B	32596 =
(19/22) P/U PCC M-15 in foundation bed - - as p. spl.					
Qty. wide P - 3 item (6) = 9.68 m ³					
Qty. wide P - 6 item (15) = 2.65 m ³					
					12.33 m ³
CB 4295.45/m ³				B	52920 =
Continuation				B	2261653 =
					2322800 =

2322800=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.			B	
(20/23) P/v Pcc M-20 mix Concrete					
in Head wall -- as per spec					
Qty. wide P- 3 item (7) =					48.16 m ³
& Qty. wide P- 6 item (16) =					18.82 m ³
					66.98 m ³
@ Rs 4778 = 05/m ³				B	330034 =
					2322035
					320033 =
(21/24) P/v Pcc M-20 mix Concrete					
in Substructure work -- E/R					
Qty. wide P- 3 item (8) =					33.39 m ³
& Qty. wide P- 6 item (18) =					13.03 m ³
					46.42 m ³
@ Rs 4998 = 10/m ³				B	232012 = 10
(22/25) P/v RCC M-20 mix Concrete					
in Substructure -- as per spec					
Qty. wide P- 5 item (10) =					4.22 m ³
@ Rs 5271 = 85/m ³				B	22247 = 10
(23/26) P/v Construction of RCC M-25					
Mix Concrete in Slab of S/S					
Qty. wide P- 5 item (11) =					3.74 m ³
@ Rs 6061 = 44/m ³				B	22670 = 10
(24/27) S/F/F & placing HYSD bars rebar					
in culvert slab & other member					
Qty. wide P- 4 item (9) =					0.62 MT
@ Rs 55485 = 61/MT				B	36731 = 10
Continuation				B	2905347 = 10
					2956493 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F.			B.
(25/25) Back filling behind Abutment and Rio -- as per spec					
Qty. wide P-5 item (13) = 32.40 m ³					
Qty. wide P-6 item (14) = 7.70 m ³					
					(Total) 40.10 m ³
CB 804 = 98/m ³ -- B					26081 = 00
(26/26) P/v weep holes -- E/I					
Qty. wide P-5 item (12) = 32 Nos.					
CB 118 = 11/each -- B					3780 = 00
(27/30) P/v Laying 1000 mm dia Hume pipe -- as per spec					
Qty. wide P-6 item (17) = 7.50 M					
CB 3653 = 26/m -- B					27399 = 00
(28/31) P/v Laying 300 mm dia N.P. Hume pipe for agriculture purpose -- E/I					
Qty. wide P-6 item (20) = 20 M					
CB 721 = 14/m -- B					14423 = 00
(29/32) Filling in Foundation with sand Back filling -- E/I					
Qty. wide P-6 item (19) = 7.70 M ³					
CB 522 = 31/m ³ -- B					4022 = 00

Continuation

R₃ 2981052 = 00

3032198 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Total - B.F.					3632198 B 2981052 =
Add 12% For GST As per agreement					357726 =
					363863 =
Add 1% For Labour Cess					(+) 29811 =
					30322 =
Add Seniorage Fees					(+) 66673 =
					R 3435262 =
					3493056 =
Less 16.95% Below as					
per agreement					C/R 582277 =
					R 2852985 =
					2910779 =
12m/4 07/11/21 JE					C/R 8/10/22

Material Statements

(i) Earthwork	=	3161.46	M ³
(ii) Stone chips	=	120.32	M ³
(iii) Stone Metal	=	533.34	M ³
(iv) Screening Material	=	43.91	M ³
(v) C/sand	=	60.16	M ³
(vi) L/sand	=	234.07	M ³
(vii) Emulsion SS1	=	1.698	MT
(viii) Emulsion RS	=	0.550	MT
(ix) Bitumen S-90	=	3.796	MT
(x) Steel (Rod)	=	0.662	MT

Continuation

~~12m/4~~
~~07/11/21~~
~~JE~~