

105BD / 2019-20

704 to kharnu to 11

Schedule XLV Form No. 134.

NTDB

Boys

DIVISION

Boys

SUB-DIVISION

Measurement Book

1123

Constructive 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 of work -					
Name of Agency -					
Date of Agreement -					
Date of completion -					
Agreement No -					

Record Measurement

① E/W in excavation in trench

— do — do —

Box culvert - $1 \times 3.00 \times 6.00 \times 0.650 = 11.70 m^3$

cut of wall - $2 \times 3.00 \times 1.30 \times 1.80 = 14.04 "$

Return wall - $4 \times 2.40 \times 3.875 \times 1.80 = 66.96$

92.70 m³

For 2 Nos → 185.40 m³

② p/v plain cement concrete

p.c.c. M₁₅ in levelling below

pipe — do — do —

Box culvert - $1 \times 2.00 \times 6.00 \times 0.10 = 1.20 m^3$

Return wall - $4 \times 2.40 \times 2.875 \times 0.20 = 5.52 m^3$

6.72 m³

For 2 Nos → 13.44 m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement					
① Const. of sub grade - do - do					
1 x 30.00 x 3.3 x 0.300 =					29.70 m ³
1 x 30.00 x 3.3 x 0.300 =					29.70 "
1 x 5.0 x 3.3 x 0.300 =					4.95 "
1 x 10 x 30.00 x 6.30 x 0.300 =					567.00 "
1 x 7 x 30.00 x 6.30 x 0.300 =					396.90 "
1 x 25.00 x 6.30 x 0.300 =					47.25 "
					1075.50 m ³
					Schlich
					19.11.2020
					AE
					88

Record Measurement					
⑩ P/V granules sub-base					
— do — do —					
2x 30.00 x 4.05 x 0.200 =					48.60 m ³
3x 30.00 x 4.05 x 0.200 =					72.90 "
4x 30.00 x 4.05 x 0.200 =					97.20 "
6x 30.00 x 4.05 x 0.200 =					145.80 "
5x 30.00 x 4.05 x 0.200 =					121.50 "
					486.00 m ³
					Schlich
					22.11.2020
					AE
					80

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
① E/W in excavation - do - do vide Page No. ① - 185.40m ³ @ Rs 285.92/m ³ - Rs 53,010=					
② P/V plain cement concrete P.C.C. (M ₁₅) in levelling course below pipe - do - do vide Page No. ① - 13.44m ³ @ Rs 6415.16/m ³ - Rs 86,220=					
③ P/V P.C.C. M ₂₀ concrete for plain concrete in open foundation - do - do vide Page No. (2) - 58 m ³ @ Rs 7234.85/m ³ - Rs 4,19,621=					
④ supplying, tilting and placing HYSD bar rein- forcement - do - do vide Page No. (2) - 3.054 MT @ Rs 77,577.50/MT - Rs 2,36,921=					
⑤ P/V plain /rein forced cement concrete (M ₂₅) — do — do — vide Page No. (4) - 46.76m ³ @ Rs 8008.01/m ³ - Rs 3,74,455=					
⑥ P/V weep holes - do - do vide Page No. (4) - 64 Nos @ Rs 159.23 each - Rs 10,191=					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ P/V plain / Reinforced cement concrete (M20) in substructure - do do vide Page No (4) - 1.20 m ³ @ R 7500.37/m ³ R 9000 =					
⑧ supplying, fitting and placing HYSB bar reinforced in superstructure - do do vide Page No (5) - 0.70 MT @ R 80,768.33/MT R 56,538					
⑨ P/V and laying reinforced cement concrete M30 in superstructure - do vide Page No (5) - 7.12 m ³ @ R 8750.21/m ³ R 62,301.20					
⑩ P/V and laying cement concrete wearing course (M30) — do — do — vide Page No (5) - 1.65 m ² @ R 14,053.62/m ² R 23,188 =					
⑪ Drainage spot complete — do — do — vide Page No (5) - 8 Nos @ R 603.29 each R 4826					
⑫ P/V back filling behind abutment, wing wall and return					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
well	—	do	—	do	
vide Page No (6)	— 37.90 m ³				
	@ Rs 748.28/m ³ Rs 28,358.20				
(13) P/V and laying filter material underneath					
—	do	—	do	—	
vide Page No (6)	— 30.88 m ³				
	@ Rs 3325.28/m ³ Rs 1,02,685.20				
(14) Blue in excavation					
—	do	—	do	—	
vide Page No (6)	— 59.60 m ³				
	@ Rs 285.92/m ³ Rs 17,041.20				
(15) P/V concrete for pipe/ reinforced concrete (M15)					
—	do	—	do	—	
vide Page No (6)	— 9.20 m ³				
	@ Rs 6415.16/m ³ Rs 59,019.20				
(16) P/V concrete for Placing/ reinforced (M20) - do do					
vide Page No (7)	— 67.48 m ³				
	@ Rs 7234.85/m ³ Rs 4,88,208.20				
(17) P/V and laying reinforced cement concrete pipe					
NP ₃ 1000 mm dia - do do					
vide Page No (7)	— 15 m				
	@ Rs 5188.28/m — Rs 77,824.20				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) E1 in excavation work vide Page No (7) - 193.20m ³ @ Rs. 285.82/m ³ - Rs 55,240.20					
(19) P/V P.C.C. (M15) in open foundation - do - do vide Page No (7) - 18.90m ³ @ Rs 6415.16/m ³ - Rs 1,21,247.20					
(20) Brick masonry work in cement mortar (1:4) in foundation - do - do vide Page No (7) - 84.00m ³ @ Rs 69,50.40/m ³ - Rs 5,83,850.00					
(21) Brick masonry work in cement mortar (1:4) in substructure work vide Page No (8) - 70.00m ³ @ Rs 7256.30/m ³ - Rs 5,07,941.00					
(22) P/V P.C.C. M20 Architect - tunnel coping - do - do vide Page No (8) - 1.40 m ³ @ Rs 7188.21/m ³ - Rs 10,063.20					
(23) plastering with cement mortar (1:4), 15mm thick on brick work in sub structure - do - do vide Page No (8) - 126.00m ² @ Rs 19.55/m ² - Rs 2463.20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) PLY weep holes - 23 Nos					
@ R 159.23 each -					Rs 3662 =
(25) Back filling to level					
— do — do —					
vide page No (8) - 90.30 m ²					
@ R 361.72/m ² -					Rs 32,663 =
(26) setting out pillars -					
(i) Const. of reinforced working Bench mark					
vide page No (8) - 2.00 km					
@ R 47.83/km -					Rs 9356 =
(ii) Const. of reference pillars / Bm's					
— do — do —					
vide page No (9) - 2.00 km					
@ R 2231.60/km -					Rs 4463 =
(27) PLY clearing and grubbing					
rough land including					
uprooting, vegetation,					
grass, bushes, shrubs					
— do — do —					
vide page No (9) - 0.599 Ha					
@ R 49,804.24/Ha -					Rs 29,833 =
(28) Const. of embankment					
with approved material					
vide page No (11) -					

Continuation