

R.S. CONSTRUCTION

428/20-21 Pannapur Tathua Tola to
Schedule XLV Form No.-134 Pannapur Malani Tola -
BIHAR P.W.D.

(NDB)

3-12/01

DIVISION

3-12/01

SUB-DIVISION

MEASUREMENT BOOK

3-12/01 BIA SDR 46
3-12/01 BIA SDR 46

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Name of work</u> :- Panabur talavata					
To Panabur Malahi Tola.					
Head :- M/P/S X					
Agency :- M/s R.S. Construction					
Agg. No :- 466 B.D/2020-2021					
Date of start :- 17/9/2020					
Date of Completion :- 16/9/2021					
Date of actual completion :-					
Date of entry :-					
Estimated cost :- 70.8192 lacs					

Measurement

- ① Construction of C. Parvum
with me. et. d. - s. sib

1	0.850	3.75	0.160	$= 0.51 \text{ m}^3$
			$\frac{Q}{K} = 0.51 \text{ m}^3$	

- ② Laying brick/sailing layer
on prepared background etc
of — do — all — job

	2x8	30.0	0.25	-	= 120.0 m ²
	2x1	10.0	0.25	-	= 5.0 m ²
				<u>125.0</u>	<u>125.0 m²</u>

- ③ Construction of social entities
first & subordinate of it.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
all complete - rice					
Qty as calculation sheet					
Wide L/S rice etc					
Chainage (M)	Dist. Area (M ²)	Mean Area (M ²)			Qty (M ³)
0.0	0.0	3.614	—		—
50	50	3.751	3.685		184.125
100	50	4.758	4.2545		212.725
150	50	3.562	4.16		208
200	50	7.371	5.4665		273.325
250	50	6.542	6.9565		347.825
300	50	4.511	5.5265		276.325
350	50	4.961	4.736		236.80
400	50	4.041	4.501		225.05
450	50	3.719	3.88		194.10
500	50	5.377	4.548		227.40
550	50	3.558	4.4678		223.375
600	50	3.871	3.7145		185.725
650	50	2.712	3.2915		164.575
700	50	5.432	4.072		203.60
750	50	5.05	5.241		262.05
800	50	4.741	4.8955		244.775
850	50	3.197	3.969		198.45
900	50	3.896	3.5465		177.325
950	50	3.226	3.561		178.05
1000	50	3.203	3.2145		160.725
1050	50	3.261	3.232		161.60

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
Chainage (m)	length (m)	Area (m ²)	Area (m ²)		Qty (m ³)
1100.0	50	3.339	3.30		165.0
1130.0	30	3.907	3.623		108.69
(A)		Total Area =			4819.515 m ³
<u>Deduction for content</u>					
(2) G.S.B	= (-) 752.40 m ³				
(22) W.B.M	= (-) 321.32 m ³				
(222) P.C.C	= (-) 151.47 m ³				
(24) M.C.S	= (-) 166.65 m ³				
(V) P.W.C	= (-) 15.625 m ³				
(B) Total Deduction	= (-) 1307.53 m ³				
Net R/W Qty = (A - B)					
= (4819.515 - 1307.53) m ³ = 3511.98 m ³					
Qty = 3511.98 m ³					
3(2) E/W Qty for road					
244	embankment as per lead = 100 m				
Aggr. Qty Short Qty = 541.20 m ³					
3(22) E/W Qty for round embank					
(245)	met with lead 1000 m				
Qty = 231.90 m ³					
3(222) E/W in subgrade					
246	earthen shoulder as per lead 1000 m.				

Continuation

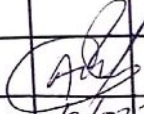
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q/g - [(3511.98 - (541.24 + 231.9))]					
subgradiation = 2738.88.0m ³					
E/W Q/g					= 2738.88m ³

(4) Painting two out on new concrete surface - etc do - etc					
1	6.20	1.80	-		= 11.16m ²
					Q/g = 11.16m ²

(5) P/W & F Boundary Pillars					
etc do - etc - etc					
					Q/g = 04 Nos

(6) P/W & F MMSX					
sign board & Maintenance board - etc do - etc					
					Q/g = 02 Nos

(7) Planting of trees by the road side in circular holes etc do - etc - etc					
					Q/g = 5 Nos


 5/2/22
 A.B.

Continuation

3rd 4 Round Trip

ABSTRACT of work

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① construction of water supply channel for side Plot ①					
		1.13 km	@ 9.945 m		11236
② construction of reference pillar for side Plot ②					
		1.13 km	@ 9622.93 km		10873
③ clearing & grubbing of land for side Plot ③					
		1.3334	@ 49496.70 m		16482
④ construction of road embankment for side Plot ④					
		320.93 m	@ 174.83 m		56108
⑤ construction of side drain for side Plot ⑤					
		1.45 m	@ 6.0 m		8.70 m
					Net ⑤ = 2657.88 m
					@ 176.42 m
					1463036
⑥ bunding of side Plot ⑥					
					Net ⑥ = 752.46 m
		1 x 45 m	@ 4.25 m		36.45 m
					Net ⑥ = 76.01 m
					@ 2775.94 m
					1987600
⑦ construction of road embankment for side Plot ⑦					
		748.85 m	@ 139.8 m		104547
⑧ Excavation for road way cutting & filling for side Plot ⑧					
		15.0 m	@ 74.10 m		1112
					2649993

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Drinking 8/11/10					2649993
Area for side Paving					
					= 320.942
Less for rectangular					
$1 \times 45 \text{ m} \times 3.25 \text{ m} \times 0.075 \text{ m} = 12.65 \text{ m}^2$					
Net A =					308.29
					@ 2775 942 = 1187 600
					@ 3469 781 = 151069865
(10) Primer Out					
Area for side Paving					= 3333.21
Less for rectangular					
$1 \times 45 \text{ m} \times 3.25 \text{ m} = 146.25 \text{ m}^2$					
Net Area =					3186.96
					@ 41.41/m ² = 137031
(11) Track Area					
Area for side Paving					= 3333.21
Less for rectangular					
$1 \times 45 \text{ m} \times 3.25 \text{ m} = 146.25 \text{ m}^2$					
Net Area =					3186.96
					@ 14.05/m ² = 44757
(12) Mit Scrub Area					
Area for side Paving					= 3333.21
Less for rectangular					
$1 \times 45 \text{ m} \times 3.25 \text{ m} = 146.25 \text{ m}^2$					
Net Area =					3186.96
					@ 204.36/m ² = 6526637
(13) Road Area					
Area for side Paving					= 226.00
Less for rectangular					
$2 \times 45 \text{ m} \times 0.075 \text{ m} = 6.75 \text{ m}^2$					
Net Area =					219.25
					@ 735.40/m ² = 159581
(14) Continuation Area					
Area for side Paving					= 1079159
$7150.96 \text{ m}^2 @ 7148.64/m^2 = 1079159$					
					1581017

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Wiley and may for side 12 ft 14				8 ft 14	5817017
22 No @ 2440.98/km					14882-
(16) 200 m stone					
for side 12 ft 15					
24 No @ 641.01/km					12564-
(17) Boundary Pillar					
for side 12 ft 16					9249-
21 No @ 513.85/km					19249-
(18) Rainy two cub					
for side 12 ft 16					
22 No @ 735.49/km					166200-
(19) Typical masonry					
for side 12 ft 19					
22 No @ 11325.30/km					122250-
(20) Boundary 600 m					
equilateral triangle					
for side 12 ft 20					
28 No @ 3625.30/km					129402-
(21) 600 m arc circle					
for side 12 ft 21					
26 No @ 4982.35/km					129936-
(22) Boundary 600 m x 480 m					
for side 12 ft 22					
22 No @ 4300.15/km					18600-
(23) 900 m rectangle					
for side 12 ft 23					
22 No @ 8207.01/km					16514-
(24) Survey 4 plying 300 m					
1205 for Continuation					
22.500 @ 746.66/km					168000
					6123914-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	P.	
(28) plant up of 124-05 T					61 23 314
2 5 m @ 800-314					46645
					61 90 339
124-05 T					372 8 40
124-05 T					61 90 3
					7025082
124-05 T					2102
					7022980
124-05 T					6680640
					128340
					342234
					342340
					5/1/23

measured for this day

- (1) 124-05 T = 3430-00
- (2) Stone 124-05 T = 1365-54
- (3) Stone 124-05 T = 2609-00
- (4) Cement 124-05 T = 985 bags
- (5) Bricks - 6725
- (6) Portland 124-05 T = 539 MT
- (7) Gravel 124-05 T = 2833 MT
- (8) 124-05 T = 26835 MT

Continuation

- (9) 300 mm 124-05 T = 22-50
- (10) water plaster 124-05 T = 0.903 MT

5/1/23 5/1/23