

Agang - Mac Shanti Const.

~~Madanpur Dr. 2nd to Pichurli~~

Top Madanpur Kesang Road to
Sector XIV - New in New Delhi B. 28.

in the city

BHAR P. W. D.

E.E. B.W.D. under Alirangabad DIVISION

A.E. - Madanpur - SUB-DIVISION

MADANPUR ROAD

No [2859]

0.11/2 Belga

Certified That This M.B. Contain (100)
Pages By Printers Machine And Issued
To Sri. Babam Nam A.E. R.W.D
Work Sub-Div. Madambur

Handwritten: 10/7/20
Executive Engineer
Rural Works Division
West Division, Annapurna
Signature
10/7/20

Standard TLV - Form No. 13A

E.E. A. bad. Divisional

A.E. Madambur. Sub-Division

MEASUREMENT BOOK.

511334

2859

Sri Babam Nam
Sri Yaduvendra Yadav A.E. Madambur.

Amount of work done _____

Cost of work done _____

दिना. मध्याह्निके दिना. मध्याह्निके ।

1

1

etc

1

9

Free

Q

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
11.00m x 8.50m + 5.0m x 2.75					
				$\frac{1}{2} \times 10 = 6.33m^3$	
1.5m x 2.45m + 2.75m x 3.0m				$\frac{1}{2} \times 10 = 4.93m^3$	
					153.90m ³
$(12 \times 30m + 20m) \times 4.00m \times 0.10m = 144.00m^3$					
					251.49m ³
				251.23m ³	

9cm (10) 1.00m x 11.0m - 11.0m x 11.0m					
8.00m x 7.00m x 0.08m					
1.00m x 1.00m x 0.08m					
1.00m x 1.00m x 0.08m					
1.00m x 1.00m x 0.08m					
1.00m x 1.00m x 0.08m					
11.0m x 8.50m + 5.0m x 2.75				$\frac{1}{2} \times 10 = 4.75m^3$	
1.5m x 2.45m + 2.75m x 3.0m				$\frac{1}{2} \times 10 = 3.70m^3$	
$(12 \times 20m + 20m) \times 3.75m \times 0.025 = 106.875m^3$					
$(14 \times 30m + 4m) \times 3.75m \times 0.025 = 34.875m^3$					
$(2 \times 50m \times 4m) \times 3.75m \times 0.025 = 17.41m^3$					
$25m \times (3.75 + 3.75 + 2.75 + 4m) \times 0.025 = 6.74m^3$					
Continued					
$(30m + 10m) \times 3.50m + 5.75m \times 6.25 + 3.43 \times 0.025 = 10.74m^3$					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Step (24) 1 mgs 15 mgs 10 mgs					
1x 3x 2.5m = 7.50m					
2x 4x 2.5m = 20.0m					
					27.50m
Step (25) E/W in excavation					
m foundation of structure - do - do					
Complete for 95 for 100 fee.					
1x 100m x 1.5m					
2x 6.25m x 1.40m x 1.50m = 27.09m ³					
1x 4.5m x 1.33m x 0.36m = 2.71m ³					
2x 100m x 1.5m					
2x 12.90m x 1.40m x 1.50m = 54.18m ³					
3x 4.5m x 3.06m x 1.5m = 5.42m ³					
					89.40m ³
Step (26) Plu mis 95 locall					
400m 200m 100m					
2x 6.45m x 1.40m x 0.15m = 2.709m ³					
1x 4.93m x 1.53m x 0.25m = 1.986m ³					
					4.695m ³

Continuation

[illegible]

Continuation
A+B = 23.74 + 67.48 = 91.22

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
gleim (20) Paringsel					
Parapete wall -					
do -					
2x 6.15m x (0.60 + 0.60 + 0.60)					$\frac{2}{19.60m^2}$
2x 2x 0.4m x 0.60m =					$\frac{0.96m^2}{20.56m^2}$
					(3)
2x 12.20m x (0.60 + 0.40 + 0.60) =					$39.36m^2$
2x 2x 0.4m x 0.60m =					$\frac{0.96m^2}{40.32m^2}$
					(5)

$$40.32 + 20.56 + 40.32 = 60.88m^2$$

~~25/01/21~~
25/01/21

25/01/21

gleim (20) Floor concrete					
Parapete - 6 curbs					
do - 20 curbs					
2x 2x 0.50m = 7.50m					
2x 3x 2.50m = 15.00m					$\frac{22.50m^2}{22.50m^2}$

Continuation

9. (14) Cement concrete
pavement - Composite
of unreinforced
blown concrete
Concrete thickness
200 mm -
: do -

Primer - Completion
of unreacted
bleed - Content
Conductor - Air - 100%
2000 - 1000 -
1000 -

$$2 \text{ gary } 3.75 + 3.33 + 2.78 + 4.44 \quad \text{v'60} = 14.30$$

$$271 \text{ mpx } 3.75 \text{ mpx } \frac{4.0 \text{ mpx}}{2} \quad 0.160 = 16.00 \text{ mpx}$$

$$\approx 183.6013$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Item (15) Height Strengthening ! Strong base on layer on top ground - do -					
		$2 \times 15m \times 0.25m$			$7.5m^2$
		$2 \times 12m \times 0.25m$			$56.5m^2$
		$2 \times 15m \times 0.25m$			$7.50m^2$
		$2 \times 42m \times 0.25m$			$21m^2$
		$1 \times 15m \times 0.25$			$3.75m^2$
		$1 \times 15m \times 0.25m$			$3.75m^2$
					$100m^2$

Item (16) Cement concrete stage -

(S) circular concrete - 2nd

(iv) 200mm thick - 3rd

Item (18) Printing floor

1st floor - 1st floor

- do - 1st floor

Item (19) Boundary Piles -

2nd floor

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Item (20) P. for Roadwork					
Top of 5' m					
Bottom of 5' m					
600 mm Δ - 8' m					
600 mm Δ - 4' m					
200 x 600 mm Δ - 8' m					
600 mm x 600 mm Δ - 2' m					
900 mm Δ - 1' m					

Item (21) Roadwork					
Re. 9' m					
1' m Δ - 5' m					
2 x (12 x 30 m) Δ - 1' m					
20' 10' m = 76' m					
Item (22) Roadwork					
Re. 9' m					
2' m Δ - 1' m					
2 x (10 x 30 m) Δ - 1' m					
60' m					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1x (20m + 15m)					
= 375m					
(6.4m x 8.9m) + 0.1m) = 57.76m ²					
1000-1000m					333.50 m ²
∴ 30 × 333.50 = 9990 m ²					
Glen ⑤ Subgrade raised & extended by 10cm					
∴ 223 - 9990 = 233.10 m ²					

E/L calculation =

CH-	Area	Mean Area	Dist	Volume
0.0	1.750	—	—	—
11	2.206	1.982	11	21.824 m ³
11	1.950	—	11	—
26	3.675	2.314	15	42.210
26	2.675	—	15	—
50	3.675	3.175	29	76.200 m ³
100	3.187	3.431	50	171.550
150	3.300	3.243	50	164.625
200	3.082	3.040	50	162.000
250	6.052	4.582	50	229.100

Continuation

20/06/2011 20/06/2011 20/06/2011	20/06/2011 20/06/2011 20/06/2011
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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Abstract of Cont-18					
Station A/C Bell -					
① Plot of 21/2 acre					
Boundaries -					
Area - ① 1/2					
Ch 2702 2702					3703 = 0
Reference Plot -					
Area - ① 2/3					
Ch 1763 84 2/3					3528 = 0

② clearing 2 1/2 acre					
Area - 2 1/2					
Area -					
Area - ② 1/2					
Ch 5112 2/3					093 = 0
③ 1/2 acre					
Area - ③ 1/2					
Ch 74.16 1/2					4448 = 0
④ 1/2 acre					
Area - ④ 1/2					
Ch 36 1/2					

Continuation
Ch 26.11 1/2 940 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(C) Construction of road - that width of road 12.5 ft - load - 10000					
val - (15) 870.1118					
or 131.03/1000 115321.00					
(D) Construction of road - that width of road 12.5 ft - load - 10000					
val - (16) 873.1210					

or 174.94/1000 152744.00

(E) Construction of Subgrade

that width of road

load - 10000

val - (17) 77.700

or 176.58/1000 17640.00

(F) Construction of Subgrade

that width of road

load - 10000

val - (18) 223.100

or 141.17/1000 32907.00

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(12) Tree Cuts - Actual gathering - 15.02 Cane - 15.02 Bamboo - 15.02 - 00 -					
Area - (1) 15.02					
eg 15.02/100 = 22114 = 12					
(13) 1055 types B - 1/10.02 200 kg closed ground bamboo - 00 -					
Area - (10) 14.52					
eg 14.52/100 = 2750.53 = 12					
(14) 100 - Construction of various types of Area 1000 + 1000 1000 + 1000 - 00 -					
Area - (10) 182.00					
eg 182.00/100 = 1043212 = 12					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(15) Area of square - side - ⑪					
				1000 ²	
				eg 543.78 1000	543,78 = 0
(16) Area of rectangle - length - ⑪					
				2000	
				eg 1920.20 2000	3840 = 0
2000 Rmt -					
side - ⑪					

					eg 541.78 1000
(17) Area of triangle - base - ⑪					
					2000
					eg 9163.30
					27490 = 0
(18) Perimeter of square - side - ⑪					
					1000
					eg 0.5 1000
					69 = 0

Continuation

600mm Ø -
 vite - (12) 2nd
 dia 1108.84
 19635 = 0

800 & 600mm □ -
 vite - (12) 2nd
 dia 6081.82 mm
 55055 = 0

650 & 450 mm vial + gear
 vite - (12) 4th
 dia 1178.65
 19115 = 0

900mm OC-10 glass -
 vite - (12) 1st

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(20) Road widening with kerb - 3 ft high - (kerb width) 1 ft - 100 — note — (1) 76 m ² el 835.44 / 101.25 892 = 0					
(22) Road widening with kerb - 5 ft high - 100 — note — (2) 60 m ² el 835.44 / 101.25 892 = 0					
(23) Planning of road by kerb road - 100 — note — (3) 38 m ² el 835.44 / 101.25 892 = 0					
(24) Cross drainage — drainage pit - 100 — (6) 20.50 m ² el 890.71 101.25 892 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(25) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(26) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(27) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(28) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(29) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(30) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(31) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(32) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(33) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(34) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(35) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(36) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(37) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(38) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(39) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(40) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(41) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(42) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(43) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(44) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(45) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(46) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(47) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(48) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(49) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283
(50) H.P.C. 1500 Foundation — 10 — Side — 8.10m Area 26.3283 m ²					26.3283

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(59) Painting contents 49.1.2015					
vide → (8) 60.38.2					
Q 97.19/10 ² Rs					5917.20
(60) Demolition of Cement structure - do - Cement structure - vide - (5) 0.81.3					
Rs 484.21/34					393.20

(61) Demolition of Cement structure - do - vide - (5) 30.69.5					
Rs 231.77/10 ³ Rs					2113.20
(62) Removal of of 11.00.00 to the structure to be vide - (5) 1.00.00					
Rs 22.6.34/10 ³					1182.20
Rs 80					3959.55.20

Continuation

Continuation