

PMGSY 49 & 5421 49 & 5

~~PMGSY~~

Nabard

Measurement Book

Schedule XLV-Form No. 134

Executive Engineer
R.W.D. Works Division
Dachnaga 1

DIVISION

Dachnaga

SUB-DIVISION

M.B.No - 3503

Ravindra Shyam Yadav.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on the Bill					
Name of work - Construction of					
road from primary road to					
Jafra under Barabangsa Block					
Agency - Sri Radhe shyam yadav					
Agreement no - 055BD/2020-21					
(State scheme)					
Agreement value - Rs 80,95,21220					
Date of work start - 20-03-2020					
Date of work completion - 19-03-2021					
Date of entry - 25/03/2020					

(1) Construction of parapet					
Sub-base with well					
graded materials - all					
Complete job					
School South ^{10.15} is					
widening portion -					
$2 \times 3.00 \times 0.425 \times 0.110 = 0.25 \text{ m}^3$					
(2) providing and laying					
WBM-III materials -					
all complete job					
School South -					
$1 \times 2.50 \times 3.85 \times 0.075 = 0.72 \text{ m}^3$					
School North road.					
$2 \times 30.00 \times 3.75 \times 0.075 = 16.875$					
$2 \times 30.00 \times 3.75 \times 0.075 = 16.875$					
$1 \times 30.00 \times 3.75 \times 0.075 = 8.4375$					
$1 \times 2.00 \times 3.75 \times 0.075 = 0.46875$					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(B) Construction of C.C. pavement:-					
with main grade — do —					
— do — all complete jms					
Branch road —					
from water tank towards — South					
PMGSY road.					
cu = 0 to 38.00m — No work done					
1 x 4.00 x (4.35 + 4.10) / 2 x 0.160 =					2.70 m
1 x 26.00 x (4.10 + 4.10) / 2 x 0.160 =					17.05
1 x 23.00 x (4.10 + 3.00) / 2 x 0.160 =					14.17
1 x 7.00 x (3.60 + 3.55) / 2 x 0.160 =					4.10
1 x 30.00 x (3.55 + 3.75) / 2 x 0.160 =					17.52
2 x 30.00 x (3.75 + 3.75) / 2 x 0.160 =					36.00

1 x 21.00 x (3.75 + 4.80) / 2 x 0.160 = 14.26					
1 x 9.00 x (4.80 + 3.85) / 2 x 0.160 = 6.23					
1 x 30.00 x (3.85 + 3.75) / 2 x 0.160 = 18.24					
1 x 30.00 x (3.75 + 4.80) / 2 x 0.160 = 19.32					
1 x 28.00 x (4.30 + 3.90) / 2 x 0.160 = 16.35					
268.00m 1 x 32.00 x (3.00 + 3.75) / 2 x 0.160 = 17.28					
1 x 30.00 x (3.75 + 3.55) / 2 x 0.160 = 17.52					
Direction change					
1 x 8.00 x (4.30 + 4.30) / 2 x 0.160 = 5.85					
1 x 11.50 x (4.30 + 6.10) / 2 x 0.160 = 9.57					
1 x 4.00 x (6.10 + 6.00) / 2 x 0.160 = 3.23					
1 x 15.00 x (4.00 + 6.10) / 2 x 0.160 = 12.50					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	

Drainage channel

$$1 \times 6.00 \times \frac{4.30 + 4.25}{2} \times 0.160 = 6.30 \text{ m}^3$$

$$1 \times 23.00 \times \frac{4.25 + 3.30}{2} \times 0.160 = 13.89 \text{ m}^3$$

$$1 \times 30.00 \times \frac{3.30 + 3.40}{2} \times 0.160 = 16.08 \text{ m}^3$$

$$1 \times 12.50 \times \frac{3.40 + 3.30}{2} \times 0.160 = 7.10 \text{ m}^3$$

$$1 \times 9.50 \times \frac{3.30 + 3.52}{2} \times 0.160 = 5.49 \text{ m}^3$$

$$1 \times 8.00 \times \frac{3.52 + 3.52}{2} \times 0.160 = 4.50 \text{ m}^3$$

In widening of road

$$1 \times \frac{9.30 + 3.70}{2} \times \frac{9.70 + 8.50}{2} \times 0.130 = 7.69 \text{ m}^3$$

West p.m.c. road towards

east school.

$$1 \times 4.00 \times \frac{4.60 + 3.05}{2} \times 0.160 = 2.45 \text{ m}^3$$

$$1 \times 7.00 \times \frac{3.05 + 3.25}{2} \times 0.160 = 3.53 \text{ m}^3$$

$$1 \times 15.00 \times \frac{3.25 + 3.30}{2} \times 0.160 = 9.96 \text{ m}^3$$

$$1 \times 13.00 \times \frac{3.30 + 3.75}{2} \times 0.160 = 7.33 \text{ m}^3$$

$$1 \times 13.00 \times \frac{3.75 + 3.85}{2} \times 0.160 = 10.42 \text{ m}^3$$

$$1 \times 30.00 \times \frac{3.85 + 4.60}{2} \times 0.160 = 20.52 \text{ m}^3$$

$$1 \times 3.00 \times \frac{4.60 + 3.70}{2} \times 0.160 = 12.45 \text{ m}^3$$

$$1 \times 13.00 \times \frac{3.70 + 3.70}{2} \times 0.160 = 7.30 \text{ m}^3$$

$$1 \times 14.00 \times \frac{3.70 + 3.80}{2} \times 0.160 = 8.40 \text{ m}^3$$

$$1 \times 30.00 \times \frac{3.80 + 3.75}{2} \times 0.160 = 18.12 \text{ m}^3$$

$$1 \times 30.00 \times \frac{3.75 + 3.25}{2} \times 0.160 = 18.00 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
			11		
		$1 \times 11.00 \times \frac{3.25 + 3.75}{2}$		$\times 0.160 = 6.73$	
Near chabutra					
		$1 \times 25.00 \times \frac{4.35 + 5.15}{2}$		$\times 0.160 = 2.276$	
		$1 \times 4.00 \times \frac{5.10 + 7.25}{2}$		$\times 0.160 = 3.95$	
Direction chaya					
		$1 \times 3.60 \times \frac{4.00 + 4.30}{2}$		$\times 0.160 = 2.396$	
		$1 \times 10.00 \times \frac{4.30 + 3.85}{2}$		$\times 0.160 = 6.52$	
School towards South PMGM road.					
		$2 \times 30.00 \times 3.75 \times 0.160$		$= 36.00$	
		$2 \times 20.00 \times 3.75 \times 0.160$		$= 36.00$	
		$1 \times 17.00 \times 3.75 \times 0.160$		$= 10.20$	
Near road					
		$1 \times 3.00 \times \frac{3.75 + 4.70}{2}$		$\times 0.160 = 2.034$	
					515.98

4. provide and fix up
typical PMGM informatics

8m Board with Logo —
all complete job

(i) Citizen Board — 1 N

(ii) Information Board — 1 N
2 N

CPS

25/9/20

25/9/20

25/09/20
1.5

Particulars	Quantity of actual measurement				Contents of work
	No.	L	B	D	
ABSTRACT OF COST					
(1) providing and fixing					
of bedding bands in the					
pillars					
Qty. 8.00 m ²					P/G
@ 2344.63 each - Rs 18757.04					
(2) clearing and grubbing					
of road Land — all					
complete job					
Qty. 0.228 Head					P/G
@ 49496.70/Head - Rs 11285.20					
(3) Excavation for					
excavation					

cutting in soil using		all compen.	
Hydraulic		P/G	
Qty. 35.962 m ³		Rs 26652.00	
@ 74.10/m ³			

(4) Construction of granular			
sub. base by providing			
well graded materials			
all complete job			
Qty. 124.385 m ³ ——— P/G			
0.255 m ³ ——— P/G			
124.64 m ³			
@ 2428.07/m ³ — Rs 302635.20			

(5) providing, laying, spreading			
and compacting WBM-III			
materials — all complete			
Qty. 144.60 m ³ ——— P/G			
40.20 m ³ ——— P/G			
184.80 m ³			
@ 3031.36/m ³ — Rs 560195.20			

Particulars	Details of work & measurements				Contents of area
	No.	L	B	D	
					B11 - 8835532.00
6) Construction of C.C. pavement					
work from 12.0 to 14.0					
all complete job					
Qty. 515.98 M ³				P/12	
@ 6829.82 M ³					Rs 3524051
7) Supply and providing					
NP ₂ 300 mm dia lum					
pipe across carriageway					
all complete job					
Qty. 10.00 M				P/7	
@ 548.78 M					Rs 548820
					Rs 44,25,076.20

Less 0.68% as per agreement — Rs 3009120					
(8) providing and fixing					
typical 44mm dia. iron					
dia. 44mm with logo					
all complete job					
Qty. 2.00 M — P/12					
@ 10593.82 each — Rs 2118820					
Rs 44,46,264.20					
Less 0.68% as per agreement — Rs 30,235.20					
Less previous payment					
note P/18					
Rs 44,16,029.20					
Rs 36,42,778.20					
Material statement					
(i) Stone chips/metal/dust — 522.98 M ³					
(ii) Sand — 232.90 M ³					

[illegible]

2509.20
J.E.

Indo T. P. A. on Page 14-15	4446264200	(A)
Add 12% C.S.T	R 53355200	
Add 1% L.C.	R 4446300	
	R 5024279200	
Less 0.68% per govt. stamp	R 34165200	
	R 49,99,114200	
Less previous payment	R 2773251200	
	R 42,16,863200	
25/11/20	25/11/20	

23/10/20	23/10/20
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Memo of Payment

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.D@57	→	1.82	139	=	00
P.S.D@37	→	1.09	283	=	00
G.T@14	→	36	428	=	00
GIST@24	→	72	856	=	00
Royalty	→	95	862	=	00
L.C@14	→	36	428	=	00
S.Fee	→	24	954	=	00
Deduction(-)					5,57,950 = 00
By CFMSPT Re.					30,84,828 = 00
Gross total.					36,42,778 = 00

Payable for Re 36,42,778 = 00
 (Thirty ~~eight~~ ^{Six} lakhs forty two
 thousand seven hundred seventy
 eight) only.

Executive Engineer
 R.W.D. Works Division
 mpa Darbhanga-1
 12/10/20

19/10/20