

511421

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MEASUREMENT BOOK

DIVISION
6777

SUB-DIVISION

FATHER

1415 Haddon
Contra
by 1967

Name of Work-

Situation of Work-

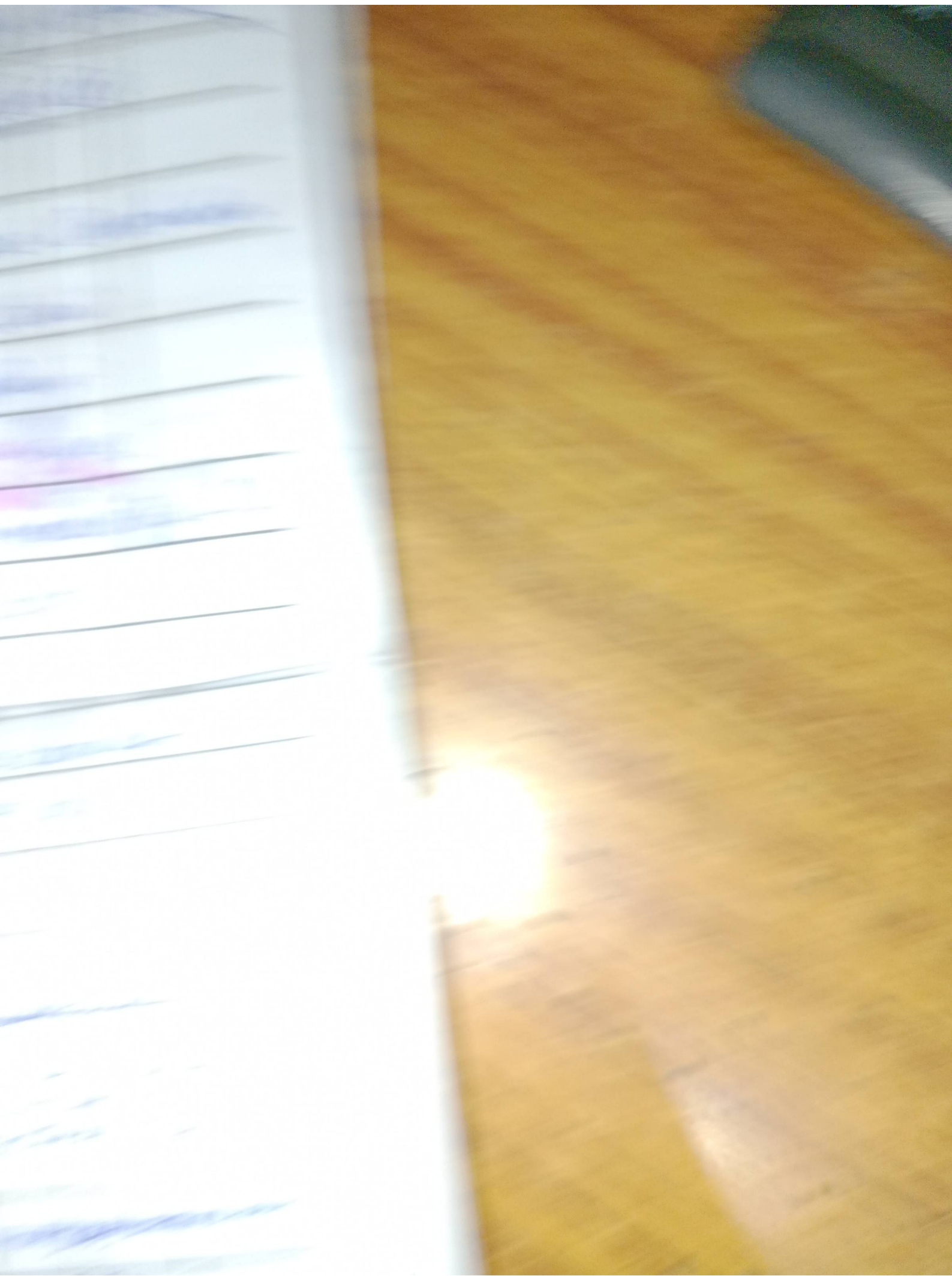
Agency by which work is executed-

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 - Construction of Road from Salaiyakala Bandhua Road to Raja Ramchar under MMHSY (SC) 5 yr Maintenance etc					
Name of Agency - M/s Aadarkh Construction, At - Gaurakshini, Po - Beni ad gemi, Mombu, Gaurja,					
Agreement No. - 58/ MMHSY (SC/ SB) 2020-21					
Date of Commencement - 16.09.20					
Date of Completion - 15.09.21					
Date of measurement - 12.06.21					
1) Const of Benchmark & Reference Pillar --					
(i) Reference & working bench mark --					
1.475 K.M.					
(ii) Reference Pillar/ Borehole					
1.475 K.M.					
2) clearing & Grubbing road land - etc					



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of road from Salaiyakala Bandhura road to Raja Ramchak. Under MMGSY (CC)					
Agency:- M/s Adarsh Construction At- Gramsakshari P.O - Buniyadganga Manipal Ganga.					
Agreement No 58/MMGSY/SC/SPD/2020-2021					
Date of Commencement 15.09.2020					
Date of Completion - 15.09.2021					
Up to date measurement					
① Construction of Granular sub base by well graded grade					
Up to date measurement					
	1x6.0x	$\frac{9.50+5.30}{2}$	0.200		= 8.88 m ³
	1x10.0x	$\frac{5.20+4.80}{2}$	0.200		= 9.60 m ³
	1x10.0x	$\frac{4.30+4.10}{2}$	0.200		= 8.40 m ³
	1x11.0x	$\frac{4.10+4.05}{2}$	0.200		= 8.96 m ³
	1x30.0x	4.05	0.200		= 24.30 m ³
	1x15.0x	$\frac{4.05+3.95}{2}$	0.200		= 11.70 m ³
for cc Part.	1x23.0x	3.75	0.100		= 8.62 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	12x1	30.0	3.75	0.100	$= 135.0 \text{ m}^3$
ms 80	1x28.0	$\frac{3.75 + 4.05}{2}$		0.200	$= 21.84 \text{ m}^3$
	2x1	30.0	4.05	0.200	$= 48.60 \text{ m}^3$
ms cc part	1x10.0	$\frac{4.05 + 3.75}{2}$		0.100	$= 3.90 \text{ m}^3$
	4x1	30.0	3.75	0.100	$= 45.0 \text{ m}^3$
80	1x22.0	$\frac{3.75 + 4.05}{2}$		0.200	$= 21.06 \text{ m}^3$
	15x1	30.0	4.05	0.200	$= 364.50 \text{ m}^3$
ms	1x12	$\frac{4.05 + 4.50 + 4.05}{2}$		0.200	$= 10.28 \text{ m}^3$
	9x1	30.0	4.05	0.200	$= 218.70 \text{ m}^3$
	1x22.0	4.05		0.200	$= 17.82 \text{ m}^3$
	1x11.0	$\frac{4.05 + 9.50}{2}$		0.200	$= 14.90 \text{ m}^3$
Extra for column	5N	1x2	0.95	6.10	$= 11.59$
Extra for slab	1x9.0	$\frac{8.10 + 4.10}{2}$		0.200	$= 70.98 \text{ m}^3$
	1x8.0	$\frac{6.10 + 3.40}{2}$		0.200	$= 7.60 \text{ m}^3$
	1x20.0	$\frac{4.10 + 3.75}{2}$		0.200	$= 15.70 \text{ m}^3$
					$\text{Total} = 1027.73 \text{ m}^3$
② final layer					
spread of & capacity					
WBM Gravel -					
	1x6.0	$\frac{9.40 + 5.20}{2}$		0.075	$= 3.28 \text{ m}^3$
	1x10.0	$\frac{5.20 + 4.20}{2}$		0.075	$= 3.52 \text{ m}^3$
	1x10.0	$\frac{4.20 + 4.0}{2}$		0.075	$= 3.07 \text{ m}^3$
	1x11.0	$\frac{4.0 + 3.75}{2}$		0.075	$= 3.20 \text{ m}^3$
	1x30.0	3.75		0.075	$= 8.44 \text{ m}^3$

ABSTRACT OF COST

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/1.2 Construction of Benchmark and Reference Pillar					
(i) Reference and Working Benchmark					
do do					
4752m by mms Page ①④					
@ ₹ 4752.71/km ₹ 7010=00					
(ii) Reference Pillar					
₹ Durcei do					
1.475 km by mms Page ①④					
@ ₹ 3159.39/km ₹ 460=00					
②/3 Clearing and grubbing road					
land do do					
1.03 Hec by mms Page ①④					
@ ₹ 51161.75/Hec - ₹ 52697=00					
③/20 Grading and fixing mms by					
Typical Sign board					
20 mms by mms Page ①④/3					
@ ₹ 9401.60/mo - ₹ 18803=00					
④/28 E/W in excavation					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for structure do -					
145.58 m ³ qty mms Page (15)					
@ ₹ 294.73 / m ³				₹	42907.20
5/29					
plv pce m15 ch					
open foundation do					
1323 m ³ qty mms Page (15)					
@ ₹ 4238.69 / m ³				₹	56078.20
6/30					
plv pce m20 ch					
foundation do do					
94.09 m ³ qty mms Page (15)					
@ ₹ 4475.49 / m ³				₹	421475.20
7/34					
plv & laying pce					
NPS Pipe 1000mm					
37.50 m qty mms Page (15)					
@ ₹ 4172.52 / m				₹	156470.20
8/33					
plv pce m20 ch					
sub structure do					
65.20 m ³ qty mms Page (15)					
@ ₹ 4906.27 / m ³				₹	319889.20
9/36					
following in foundation					
Trenches do					
38.16 m ³ qty mms Page (15)					
@ ₹ 478.11 / m ³				₹	18245.20

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22.50 up 8th ans page 24/3					
④ 90.0 up 3 " " " 20/5					
112.50 up					
@ ₹ 4946.30/m ²					₹ 556459=
17/32 supplying. fello p and Plawp Hyd bkr in kind 2 do -					
4.56 m ² 8th ans page 22/4					
limit 4.50 m ²					
@ 4992862/m ²					224679=
					₹ 22467879.
					₹ 6981819=00

Add G.S.T @ 12% —	④ ₹ 837818=00
Add L.C @ 1% —	④ ₹ 69818=00
Add S.F —	④ ₹ 120225=00
	₹ 8009680=00
Less 16.37% below —	₹ 1311185=00
as per 1988	₹ 6698495=00
Less Previous bill page 30	27496=00
Net	₹ 3670999=00

8/5/23
JE