

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमंडल छपरा 2

पत्रांक 1564 (अनु०)

छपरा/दिनांक 02-09-2022

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, छपरा-2

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अभिकरण (ब्राडा),
बिहार, पटना।

विषय:- नई अनुरक्षण नीति 2018 (Head - 3054) योजना मद में आवंटन उपलब्ध कराने के संबंध में।

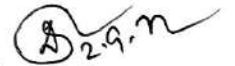
महाशय,

उपर्युक्त विषय के संबंध में कहना है कि नई अनुरक्षण नीति 2018 (Head - 3054) योजना अंतर्गत 01 (एक) पथ में राशि का अधियाचना विहित प्रपत्र में तैयार कर माप पुस्त की छायाप्रति एवं Bump Indecator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः अनुरोध है कि पत्र के साथ संलग्न अधियाचना प्रपत्र में अंकित राशि उपलब्ध कराने की कृपा की जाय ताकि संवेदक के विपत्र का भुगतान किया जा सकें।

अनु०:- यथोक्त।

विश्वासभाजन



कार्यपालक अभियंता,

ग्रामीण कार्य विभाग,

कार्य प्रमंडल, छपरा 2



Name of Division :- Rural Works Department, Works Division, Chapra-2

Requisition Format for Scheme Head :- MR (3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)

Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in Lakh)	U/p-to-date expenditure as per MIS (in Lakh)	Requisition against work done (in Lakh)	Remarks
					Length (in km)	Amount (in Lakh)	Initial Rectification with surface Renewal (in Lakh)	5 Years Routine Maintenance (in Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	MR-N/19-20 Chapra-2/08	Husepur Pax Godam To Ekma Mashtrah PMGSY Path Via Hata Bhulice Harjan Tola Hoker	31306301152	Lt. No. 3388 Dated 02.08.19	3.800	122.34690	77.93602	35.86597	113/MBD/20-21	09.02.22	BT Complete	2562.200	25.00	5%	0.00	0.00	60.01983	MB No. 3486, Page No. 01 to 13

[Signature]

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Executive Engineer
Rural Works Department,
Works Division, Chapra-2

[Signature]
24/9/20

CONT. NAME:- Bachcha Singh

ROAD NAME:- Hussepur Pax Godam se Ekma Mashrak PMGSY Path via Hata Bhullee Harijan Toli Hoker.

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event			
1/9/22	6:44:0	8	0.1	210	10.1	2100	2577 G		25.994075	84.537425	Normal	$Y = 0 * X^2 + 0.984 * X + 510.7$		
1/9/22	6:44:17	8	0.1	190	10.1	1900	2380 G		25.994019	84.537379	Normal	$X = 0$		
1/9/22	6:45:0	8	0.1	210	10.1	2100	2577 G		25.994013	84.537406	Normal	$Y = 510$		
1/9/22	6:45:28	8	0.1	220	10.1	2200	2675 G		25.993955	84.537152	Normal			
1/9/22	6:45:28	8	0.1	230	10.1	2300	2773 G		25.994043	84.537419	Normal	(R) RURAL ROAD		
1/9/22	6:46:3	8	0.1	210	10.1	2100	2577 G		25.993522	84.537409	Normal	Good	Average	Poor
1/9/22	6:47:0	8	0.1	200	10.1	2000	2478 G		25.993156	84.537388	Normal	<4000	4001-5000	>5001
1/9/22	6:47:14	8	0.1	220	10.1	2200	2675 G		25.992805	84.537324	Breaker			
1/9/22	6:47:49	8	0.1	180	10.1	2000	2478 G		25.992501	84.537318	Normal			
1/9/22	6:48:0	8	0.1	200	10.1	2000	2478 G		25.992158	84.537564	Normal			
1/9/22	6:48:24	8	0.1	210	10.1	2100	2577 G		25.991687	84.537694	Normal			
1/9/22	6:49:0	8	0.1	180	10.1	2000	2478 G		25.991385	84.537849	Normal			
1/9/22	6:49:35	8	0.1	210	10.1	2100	2577 G		25.991145	84.538064	Normal			
1/9/22	6:50:0	8	0.1	180	10.1	2000	2478 G		25.990842	84.538142	Normal			
1/9/22	6:50:10	8	0.1	240	10.1	2400	2872 G		25.989122	84.538125	Normal			
1/9/22	6:54:17	8	0.1	210	10.1	2100	2577 G		25.988723	84.538426	Normal			
1/9/22	6:54:17	8	0.1	200	10.1	2000	2478 G		25.988177	84.538733	Normal			
1/9/22	6:55:0	8	0.1	190	10.1	1900	2380 G		25.987689	84.538841	Normal			
1/9/22	6:55:28	8	0.1	210	10.1	2100	2577 G		25.987405	84.538940	Normal			
1/9/22	6:56:0	8	0.1	220	10.1	2200	2675 G		25.986191	84.538697	Normal			
1/9/22	6:56:3	8	0.1	230	10.1	2300	2773 G		25.985954	84.538674	Normal			
1/9/22	6:56:38	8	0.1	210	10.1	2100	2577 G		25.985774	84.538652	Breaker			
1/9/22	6:57:28	8	0.1	190	10.1	1900	2380 G		25.985387	84.538856	Normal			
1/9/22	6:57:56	8	0.1	210	10.1	2100	2577 G		25.984871	84.539002	Normal			
1/9/22	6:58:13	8	0.1	220	10.1	2200	2675 G		25.983276	84.538544	Normal			
1/9/22	6:58:48	8	0.1	230	10.1	2300	2773 G		25.981883	84.538456	Normal			
1/9/22	7:4:27	8	0.1	210	10.1	2100	2577 G		25.980715	84.540178	Normal			
1/9/22	7:5:2	8	0.1	210	10.1	2100	2577 G		25.980092	84.540183	Normal			
1/9/22	7:5:37	8	0.1	200	10.1	2000	2478 G		25.9787	84.54016	Normal			
1/9/22	7:6:0	8	0.1	180	10.1	1800	2281 G		25.976734	84.540153	Normal			
1/9/22	7:6:12	8	0.1	200	10.1	2000	2478 G		25.987993	84.547749	Normal			
1/9/22	7:10:19	8	0.1	190	10.1	1900	2380 G		25.976659	84.547749	Normal			
1/9/22	7:10:54	8	0.1	210	10.1	2100	2577 G		25.988449	84.546933	Normal			
1/9/22	7:11:0	8	0.05	220	10.1	2200	2675 G		25.989487	84.545236	Normal			
AVERAGE												2562.20		

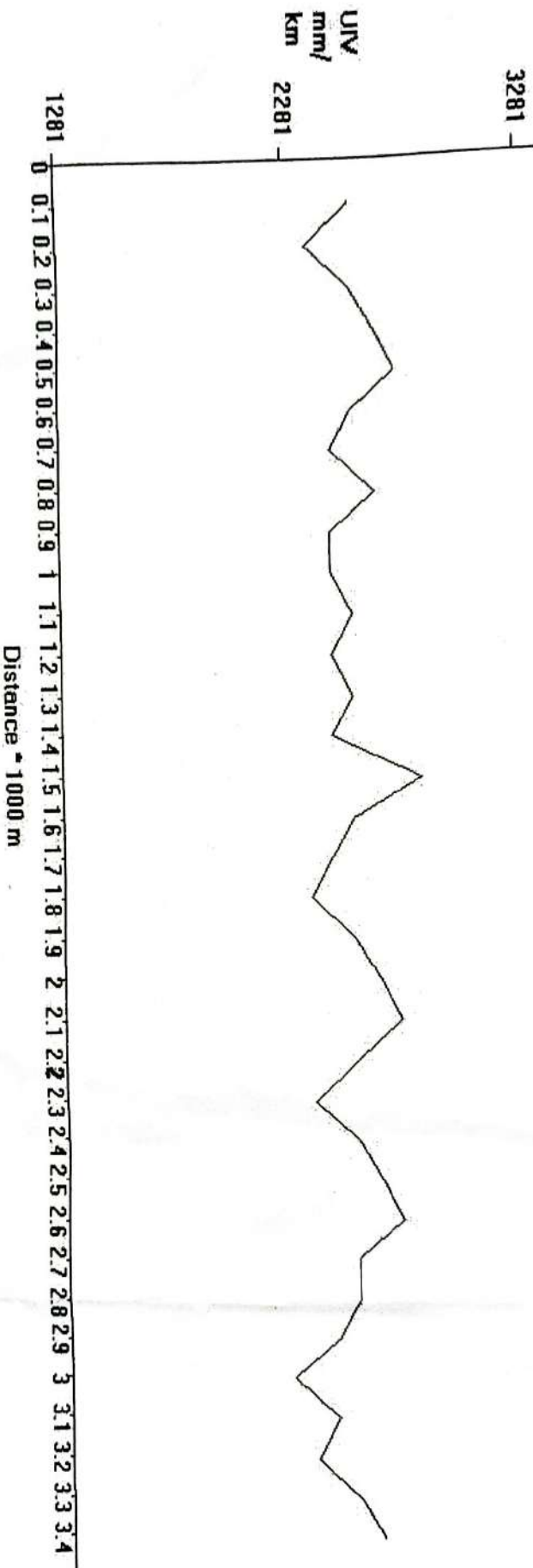
Gajinder
01/09/22
JE

Lukman
01/09/22
AE

Executive Engineer
R.W.D. Works Division
Chapra-2

File : C:\Users\Home\Desktop\01090939.xls. Section No. : 8. Eqn : $Y = 0 \cdot X^2 + 0.984 \cdot X + 510.7$

Name of Customer : Bachcha Singh. Name of Work/ Road : Hussepur Pax Godam se Ekma Mashrak PMGSY Path



G Singh
01/06/22
JE

Subramani
01/06/22
AE

[Signature]
2.9.22
Executive Engineer
R.W.D. Works Division
Chapra-2

MB NO.
3486

Schedule XLV Form No. 134.

MR. इश्वर चंदर जांगल से
DIVISION

रक्षा भारता PMSY से
SUB-DIVISION

सर्वोच्च: श्रीवर्मा सिंह
Measurement Book

1st on RA/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-					Hussepur Pox
					godam to Ekma-mashrak
					pmasy Path via hata Bhuilec horizon
					tola hokkar
Agency-					Bachcha Singh
Agreement no-					113 HBD/2020-21
Date of start of work-					10-02-2021
Date of completion of work-					09-02-2022

Measurement

1. const. of granular sub-base

long - - - do - - -

as per tech. specification

L(m)		W(m)	H(m)	Quantity (m ³)
5.62	X	2.93	X 0.175	= 2.882m ³
8.33	X	2.93	X 0.175	= 4.271
4.37	X	2.25	X 0.175	= 1.721
7.46	X	2.93	X 0.175	= 3.825
7.29	X	3.38	X 0.175	= 4.312
16.0	X	1.80	X 0.175	= 5.040
10.96	X	2.12	X 0.175	= 4.066
7.29	X	2.03	X 0.175	= 2.590
3.71	X	2.25	X 0.175	= 1.461
6.64	X	3.20	X 0.175	= 3.718

Continuation P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3.83	X	3.20	X	0.175	= 2.145
12.72	X	2.25	X	0.175	= 5.009
11.15	X	3.11	X	0.175	= 6.068
4.07	X	1.35	X	0.175	= 0.962
3.83	X	2.75	X	0.175	= 1.843
7.46	X	2.75	X	0.175	= 3.590
5.54	X	1.80	X	0.175	= 1.745
3.83	X	2.93	X	0.175	= 1.964
11.15	X	2.84	X	0.175	= 5.542
8.47	X	2.93	X	0.175	= 4.343
14.65	X	2.03	X	0.175	= 5.204
			Total		72.300 m ³

WBm-ge-II

2. Providing, laying spreading and compacting stone aggregates - do - -

L(m)	X	W(m)	X	H(m)	= quantity (m ³)
6.62	X	2.97	X	0.075	= 1.475
9.33	X	2.97	X	0.075	= 2.078
5.37	X	2.29	X	0.075	= 0.922
8.46	X	2.97	X	0.075	= 1.884
8.29	X	3.42	X	0.075	= 2.126
17.0	X	1.84	X	0.075	= 2.346
11.96	X	2.16	X	0.075	= 1.938
8.29	X	2.07	X	0.075	= 1.287
4.71	X	2.29	X	0.075	= 0.809
7.64	X	3.24	X	0.075	= 1.857
4.83	X	3.24	X	0.075	= 1.174

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13.72	X	2.29	X	0.075	2.356
12.15	X	3.15	X	0.075	2.870
5.07	X	1.39	X	0.075	0.529
4.83	X	2.79	X	0.075	1.011
8.46	X	2.79	X	0.075	1.770
6.54	X	1.84	X	0.075	0.903
4.83	X	2.97	X	0.075	1.076
12.15	X	2.88	X	0.075	2.624
9.47	X	2.97	X	0.075	2.109
15.65	X	2.07	X	0.075	2.430
11.50	X	3.15	X	0.075	2.717
4.37	X	2.29	X	0.075	0.751
15.86	X	3.24	X	0.075	3.854
15.86	X	2.29	X	0.075	2.724
6.62	X	2.97	X	0.075	1.475
12.43	X	3.42	X	0.075	3.188
12.15	X	1.84	X	0.075	1.677
23.06	X	2.16	X	0.075	3.736
16.72	X	2.07	X	0.075	2.596
12.15	X	2.29	X	0.075	2.087
7.64	X	3.24	X	0.075	1.857
11.22	X	3.24	X	0.075	2.726
11.21	X	1.84	X	0.075	1.547
24.81	X	1.12	X	0.075	2.084
2.67	X	2.24	X	0.075	0.449
18.04	X	2.20	X	0.075	2.977
			Total		72.016m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. 1/2 BM ge-III					
Providing, laying,					
spreading and compacting					
stone aggregates					
do					
L (m)		W (m)		H (m)	Quantity (m ³)
9.12	X	2.92	X	0.075	= 1.997
11.83	X	2.92	X	0.075	= 2.591
7.87	X	2.24	X	0.075	= 1.322
10.96	X	2.92	X	0.075	= 2.400
10.79	X	3.37	X	0.075	= 2.727
19.50	X	1.79	X	0.075	= 2.618
14.46	X	2.11	X	0.075	= 2.288
10.79	X	2.02	X	0.075	= 1.635
7.21	X	2.24	X	0.075	= 1.211
10.14	X	3.19	X	0.075	= 2.426
7.33	X	3.19	X	0.075	= 1.754
16.22	X	2.24	X	0.075	= 2.725
14.65	X	3.10	X	0.075	= 3.406
7.57	X	1.34	X	0.075	= 0.761
7.33	X	2.74	X	0.075	= 1.506
10.96	X	2.74	X	0.075	= 2.252
9.04	X	1.79	X	0.075	= 1.214
7.33	X	2.92	X	0.075	= 1.605
14.65	X	2.83	X	0.075	= 3.109
11.97	X	2.92	X	0.075	= 2.621
18.15	X	2.02	X	0.075	= 2.750
14.00	X	3.10	X	0.075	= 3.255

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6.87	X	2.24	X	0.075	1.154
18.36	X	3.19	X	0.075	4.393
18.36	X	2.24	X	0.075	3.084
9.12	X	2.92	X	0.075	1.997
14.93	X	3.37	X	0.075	3.774
14.65	X	1.79	X	0.075	1.967
25.56	X	2.11	X	0.075	4.045
19.22	X	2.02	X	0.075	2.912
14.65	X	2.24	X	0.075	2.461
10.14	X	3.19	X	0.075	2.426
13.72	X	3.19	X	0.075	3.283
10.36	X	2.24	X	0.075	1.740
21.32	X	3.10	X	0.075	4.957
19.46	X	1.34	X	0.075	1.956
4.62	X	2.74	X	0.075	0.949
10.36	X	2.69	X	0.075	2.090
14.93	X	2.69	X	0.075	3.012
12.36	X	3.37	X	0.075	3.124
13.71	X	2.15	X	0.075	2.211
27.31	X	1.61	X	0.075	3.298
22.11	X	2.41	X	0.075	3.996
33.71	X	2.15	X	0.075	5.436
Total					112.439 ³
4. clearing & grubbing					
road land - do -					
2 x 134 x 25 x 1.0 = 6700m ²					
= $\frac{6700}{10000}$ = 0.67 hect					
Continuation					
∴ entry = 0.67 hect					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5. const. of subgrade & earthen shoulder					
— do —					
2X100X25X0.70X0.30					1050 m ³
2X20X25X0.70X0.30					210 m ³
Total					1260 m ³
6. Prime coat					
Providing and applying primer coat with bitumen emulsion (SS-1)					
— do —					
Area used for prime coat is					
same as area used in WBM gr-II P-⑤					
item - ③ = $\frac{112.439 \text{ m}^3}{0.075 \text{ m}}$					
= 1499.19 m ²					
∴ ant = 1499.19 m ²					
⑦ Tack coat					
Providing and applying tack coat with bitumen emulsion (RS-1)					
— do —					
Area used for tack coat is same as area used in prime coat P-⑥					
item - ⑥ + (3X25X3.75) m ²					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 1499.19 + 281.25 \text{ m}^2$					
$= 1780.44 \text{ m}^2$					
$\therefore \text{ent} =$					1780.44 m^2
⑧ Patch work over WBM					
using mix seal surface					
do					
Area used for mss					
is same as area					
used in Tack coat					
P-⑥ item-⑦					
$= 1780.44 \text{ m}^2$					
$\therefore \text{ent} =$					1780.44 m^2

⑨ Tack coat					
Providing and applying					
tack coat with					
bitumen emulsion (RS-1)					
do					
$30 \times \left(\frac{5 + 3.80}{2} \right)$				$=$	132 m^2
$25 \times \left(\frac{4.5 + 3.80}{2} \right)$				$=$	103.75 m^2
$25 \times \left(\frac{4.5 + 3.80}{2} \right)$				$=$	103.75 m^2
$25 \times \left(\frac{4.5 + 3.75}{2} \right)$				$=$	103.125 m^2
$3 \times 15 \times \left(\frac{4 + 3.90}{2} \right)$				$=$	177.75 m^2
$64 \times 25 \times 3.80$				$=$	6080 m^2
$60 \times 25 \times 3.75$				$=$	5625 m^2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 sq X 25 X 3.85 =					288.75 m ²
1 X 25 X 3.70 =					92.50 m ²
			Total		12706.625 m ²

- (10) SDBC
 Providing & Laying
 semidense bituminous
 concrete --- do ---
 Area used for
 SDBC is same
 as area used in
 tack coat Page- 7
 Page- 7, item- (9)

$$= 12706.625 \text{ m}^2$$

$$\therefore \text{ant} = 12706.625 \text{ m}^2$$

$$\times 0.025 \text{ m}$$

$$= 317.665 \text{ m}^3$$

$$\therefore \text{ant} = 317.665 \text{ m}^3$$

- (11) Planting of trees by the
 road side
 --- do ---
 ant = ~~70 No.~~
 ant = 50 No.

- (12) Providing & fixing
 of typical mm ssy
 enformatory sign
 board with logo

[illegible]

③ Local sand = 37.02 m³

④ stone screening = 46.14 m³

⑤ Bitumen emulsion
(SS-1) = 1.2678 MT

⑥ Bitumen emulsion
(RS-1) = 3.320 MT

⑦ Bitumen material
Vg-10 = 40.0364 MT

⑧ crushed stone
aggregates = 500.947 m³

~~gaurh~~
21/08/22
JE

~~Rukman~~
21/8/22
AE

Abstract of cost

10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. const. of granular subbase - do					
amt = 72.300 m ³					
P- (1) item - (1)					
@ Rs 2235.72/m ³					Rs 161643=
2. WBM gr - II					
do					
amt = 72.016 m ³					
Page - (3) item - (2)					
@ Rs 4146.82/m ³					
				2 Rs	298637=
3. WBM gr - III					
do					
amt = 112.439 m ³					
Page - (5) item - (3)					
@ Rs 3706.42/m ³					Rs 416746=
(4) clearing & grubbing road land					
do					
amt = 0.67 hectare					
P- (5) item - (4)					
@ Rs 49496.70/hect					
				= Rs	33163=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) const. of subgrade & earthen shoulder					
— — do — —					
amt = 1260 m ³ P- (6)					
item - (5)					
@ Rs 176.96/m ³ = Rs					222970=
(6) Prime coat					
— — do — —					
amt = 1499.19 m ² P- (6)					
item - (6)					
@ Rs 41.52/m ² = Rs					62246=
(7) Tack coat					
— — do — —					
amt = 1780.44 m ²					
P- (7) item - (7)					
@ Rs 14.08/m ² = Rs					25069=
(8) Patch work over WBM using mss					
— — do — —					
amt = 1780.44 m ²					
P- (7) item - (8)					
@ Rs 226.66/m ² = Rs					403554=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Tack coat					
— do —					
ant = 12706.625 m ²					
P- (8) item - (9)					
@ Rs 12.24/m ² = Rs 155529=					
(10) SDBC					
providing & laying					
semicourse bituminous					
concrete - do -					
ant = 317.665 m ³					
P- (8) item - (10)					
@ Rs 10933.75/m ³					
= Rs 3473270.					
(11) Planting of trees					
by the road side					
— do —					
ant = 50 No. P- (8)					
item - (11)					
@ Rs 800.30/H = Rs 40015=					
(12) Providing & fixing of					
typical mm ssy					
informatory sign					
board - do -					
ant = 2 No. P- (8)					
item - (12)					

~~Gaining~~
21/08/2
JE

21 58 22
AG

25/11/22