

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

पत्रांक 570 (अनु०)

छपरा/दिनांक 15-03-2022

प्रेषक,

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

सेवा में,

अपर मुख्य कार्यपालक पदाधिकारी,
बिहार ग्रामीण पथ विकास अभिकरण (ब्रांडा),
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

4.3.22
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, छपरा 2

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

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

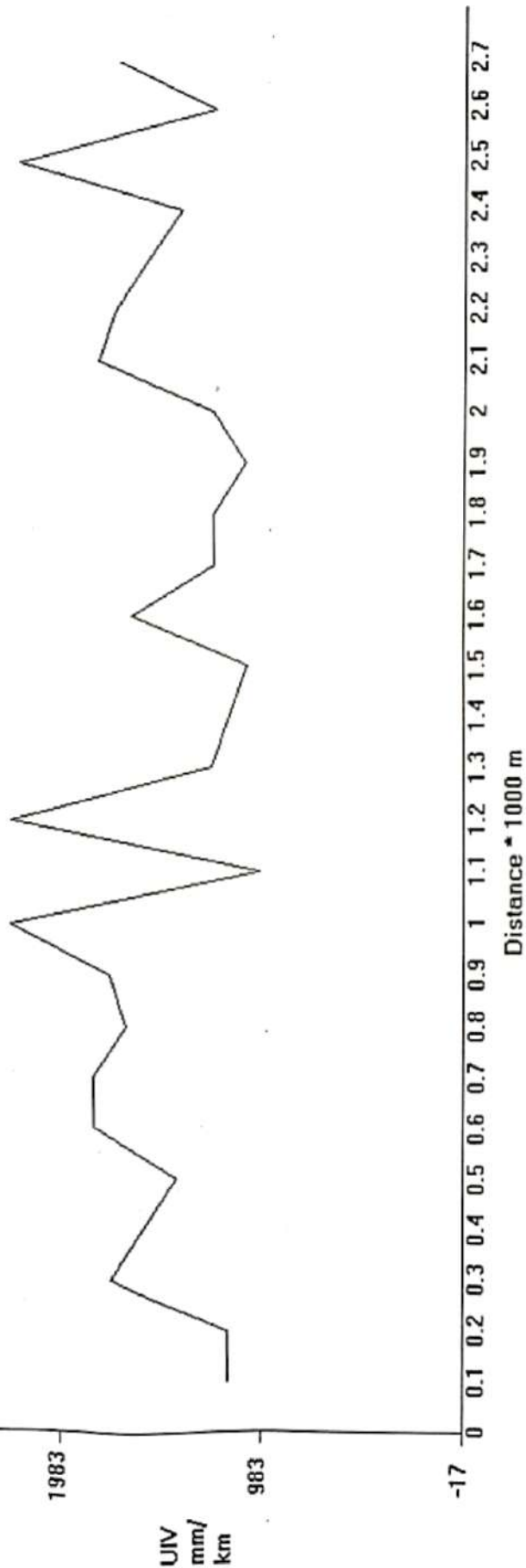
Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitumen Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Allotted Amount (in Lakh)	Up-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-2/13	T03 to Bal	31306302091	Lt. No. 3388 Dated 02.08.19	2.664	92.96410	59.45010	27.47258		24.07.21	11.02.22	1508.778	25.00	5%	0.00	0.00	59.44805	MB No. 3454, Page No. 01 to 14

(Signature)
14.3.22

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

File : F:\Santosh singh\T03 to Bal\11021119.Xls, Section No. :99, Eqn : $Y = 0 \cdot X^2 + 0.816 \cdot X + 249$

Name of Customer : Santoshi Singh, Name of Work/ Road : T03 to Bal, Lab Job number : 99



4-3-22
Executive Engineer
R.W.D. Works Div.
Chapra-2

11/06/2022
R.P.Gm
11-2-2022
AE

Lab Job number :99

Date :11-02-2022

Name of Customer :Santoshi Singh

Name of Work/ Road :T03 to Bal

Sr.no Location of Corrected U.I Road category
test(in km) value(mm/km)

2	0.1	1146 G
3	0.2	1146 G
4	0.3	1717 G
5	0.4	1554 G
6	0.5	1391 G
7	0.6	1799 G
8	0.7	1799 G
9	0.8	1636 G
10	0.9	1717 G
11	1	2207 G
12	1.1	983 G
13	1.2	2207 G
14	1.3	1228 G
15	1.4	1146 G
16	1.5	1064 G
17	1.6	1636 G
18	1.7	1228 G
19	1.8	1228 G
20	1.9	1064 G
21	2	1228 G
22	2.1	1799 G
23	2.2	1717 G
24	2.3	1554 G
25	2.4	1391 G
26	2.5	2207 G
27	2.6	1228 G
28	2.7	1717 G

G. Singh
11/02/2022
JE

R.P. Sini
11-2-2022
AE

14-3-2022
Executive Engineer
R.W.D. Works Div.
Chapra-2

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI, TEGORY ROAD	Latitude	ongitude	Event
11/2/22	11:17:5	99	0.1	110	10.1	1100	1146 G	26.6635	84.52131	Normal
11/2/22	11:17:25	99	0.1	110	20.2	1100	1146 G	26.7513	84.52059	Normal
11/2/22	11:17:45	99	0.1	180	30.3	1800	1717 G	26.7438	84.5202	Normal
11/2/22	11:18:0	99	0.1	160	30.3	1600	1554 G	26.7072	84.51988	Normal
11/2/22	11:18:15	99	0.1	140	30.3	1400	1391 G	26.7085	84.51936	Normal
11/2/22	11:18:35	99	0.1	190	20.2	1900	1799 G	26.7313	84.51896	Normal
11/2/22	11:19:0	99	0.1	190	20.2	1900	1799 G	26.7545	84.51855	Normal
11/2/22	11:19:26	99	0.1	170	30.3	1700	1636 G	26.7805	84.51791	Normal
11/2/22	11:20:1	99	0.1	180	30.3	1800	1717 G	26.7858	84.51719	Normal
11/2/22	11:20:36	99	0.1	240	40.4	2400	2207 G	26.7692	84.51678	Normal
11/2/22	11:20:36	99	0.1	90	30.3	900	983 G	26.7462	84.51594	Normal
11/2/22	11:21:12	99	0.1	240	40.4	2400	2207 G	26.7152	84.51567	Curve
11/2/22	11:21:47	99	0.1	120	30.3	1200	1228 G	26.7	84.51535	Normal
11/2/22	11:22:22	99	0.1	110	20.2	1100	1146 G	26.6798	84.51529	Normal
11/2/22	11:22:32	99	0.1	100	40.4	1000	1064 G	26.668	84.51497	Normal
11/2/22	11:22:50	99	0.1	170	20.2	1700	1636 G	26.7085	84.51461	Speed Breaker
11/2/22	11:23:0	99	0.1	120	30.3	1200	1228 G	26.7315	84.51468	Normal
11/2/22	11:23:0	99	0.1	120	30.3	1200	1228 G	26.765	84.51418	Normal
11/2/22	11:23:23	99	0.1	100	30.3	1000	1064 G	26.8132	84.5134	Normal
11/2/22	11:24:0	99	0.1	120	30.3	1200	1228 G	26.8552	84.5134	Normal
11/2/22	11:24:7	99	0.1	190	20.2	1900	1799 G	26.9152	84.51345	Normal
11/2/22	11:24:42	99	0.1	180	30.3	1800	1717 G	26.1006	84.51333	Normal
11/2/22	11:25:0	99	0.1	160	30.3	1600	1554 G	26.1073	84.51332	Normal
11/2/22	11:25:18	99	0.1	140	30.3	1400	1391 G	26.1097	84.51332	Normal
11/2/22	11:25:28	99	0.1	240	20.2	2400	2207 G	26.11307	84.5134	Speed Breaker
11/2/22	11:25:38	99	0.1	120	30.3	1200	1228 G	26.11637	84.51355	Normal
11/2/22	11:25:49	99	0.1	180	30.3	1800	1717 G	26.12557	84.51392	Normal

GS/11/11/02/2022
JE

R.P. Sani
11-2-2022
AE

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

PR-M/19-20 Chap 59-2/13

PT.B.NO 3454

Schedule XLV-Form No. 134

TOB to Bal TO 3 to Bal.

Ag.No.

Cont. Santoshi Singh.

DIVISION

Ser. Ram Pukar Singh (A.E)

PRM/19.

SUB-DIVISION

MEASUREMENT BOOK

PT.B.NO. 3454

(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 -	103	10	10	10	10
Name of Agency -	Santashi Singh				
Date of start -	25/07/2020				
Measurement.					

const. of granular sub-base by providing well graded material				
m	m		m	m ³
7.00 x	3.25	x	0.175	= 3.981
9.00 x	2.00	x	0.175	= 3.150
7.00 x	2.35	x	0.175	= 2.879
5.00 x	2.25	x	0.175	= 1.969
8.30 x	2.50	x	0.175	= 3.631
6.38 x	3.50	x	0.175	= 3.908
10.36 x	3.00	x	0.175	= 5.439
7.62 x	2.50	x	0.175	= 3.334
8.00 x	2.45	x	0.175	= 3.430
6.00 x	1.50	x	0.175	= 1.575
1.24 x	3.05	x	0.175	= 0.662
7.62 x	3.00	x	0.175	= 4.001

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12.70 x 3.00	x	0.175	=	6.668	
9.84 x 3.25	x	0.175	=	5.597	
7.62 x 3.00	x	0.175	=	4.001	
8.00 x 2.25	x	0.175	=	3.150	
6.00 x 3.35	x	0.175	=	3.578	
5.00 x 3.00	x	0.175	=	2.625	
9.00 x 3.25	x	0.175	=	5.119	
8.24 x 2.50	x	0.175	=	3.605	
			Total	=	72.239
					m ³

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

9.25 x 3.35	x	0.075	=	2.324
11.25 x 2.10	x	0.075	=	1.712
9.25 x 2.45	x	0.075	=	1.700
7.25 x 2.35	x	0.075	=	1.278
10.55 x 2.60	x	0.075	=	2.057
8.63 x 3.60	x	0.075	=	2.330
12.61 x 3.10	x	0.075	=	2.932
9.87 x 2.60	x	0.075	=	1.925
10.25 x 2.55	x	0.075	=	1.960
8.25 x 1.60	x	0.075	=	0.990
3.49 x 3.15	x	0.075	=	0.825
9.87 x 3.10	x	0.075	=	2.295
14.95 x 3.10	x	0.075	=	3.476
12.09 x 3.35	x	0.075	=	3.038

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9.87 x	3.10	x	0.075	=	2.295
10.25 x	2.35	x	0.075	=	1.807
8.25 x	3.45	x	0.075	=	2.135
7.25 x	3.10	x	0.075	=	1.686
11.25 x	3.35	x	0.075	=	2.827
10.49 x	2.60	x	0.075	=	2.046
10.25 x	2.60	x	0.075	=	1.999
7.25 x	3.35	x	0.075	=	1.822
15.98 x	3.10	x	0.075	=	3.715
11.25 x	2.35	x	0.075	=	1.923
9.25 x	3.35	x	0.075	=	2.324
7.25 x	3.10	x	0.075	=	1.686
8.74 x	3.35	x	0.075	=	2.196
10.25 x	2.60	x	0.075	=	1.999
13.92 x	3.35	x	0.075	=	3.497
			Total	=	62.914
					m ³
1.18 m ³ - III Providing, laying, spreading and compacting					
stone aggregates - do -					
m	m		m		m ³
10.60 x	3.45	x	0.075	=	2.743
12.60 x	2.20	x	0.075	=	2.079
10.60 x	2.55	x	0.075	=	2.027
8.60 x	2.45	x	0.075	=	1.580
11.90 x	2.70	x	0.075	=	2.410
9.98 x	3.70	x	0.075	=	2.769
13.96 x	3.20	x	0.075	=	3.350
11.22 x	2.70	x	0.075	=	2.272

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11.60 x 2.65	x	0.075	=	2.306	
9.60 x 1.70	x	0.075	=	1.224	
4.84 x 3.25	x	0.075	=	1.380	
11.22 x 3.20	x	0.075	=	2.693	
16.30 x 3.20	x	0.075	=	3.912	
13.44 x 3.45	x	0.075	=	3.478	
11.22 x 3.20	x	0.075	=	2.693	
11.60 x 2.45	x	0.075	=	2.132	
9.60 x 3.35	x	0.075	=	2.412	
8.60 x 3.00	x	0.075	=	1.935	
12.60 x 3.25	x	0.075	=	3.071	
11.84 x 2.50	x	0.075	=	2.220	
11.60 x 2.50	x	0.075	=	2.175	
8.60 x 3.25	x	0.075	=	2.096	
17.33 x 3.00	x	0.075	=	3.899	
12.60 x 2.25	x	0.075	=	2.126	
10.60 x 3.25	x	0.075	=	2.584	
8.60 x 3.00	x	0.075	=	1.935	
10.09 x 3.25	x	0.075	=	2.459	
11.60 x 2.50	x	0.075	=	2.175	
15.27 x 3.25	x	0.075	=	3.722	
7.34 x 2.50	x	0.075	=	1.376	
11.60 x 2.50	x	0.075	=	2.175	
20.11 x 3.25	x	0.075	=	4.902	
7.60 x 3.00	x	0.075	=	1.710	
16.30 x 2.25	x	0.075	=	2.751	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15.99 x 3.25	x	0.075	=	3.898	
12.92 x 2.50	x	0.075	=	2.348	
13.66 x 3.65	x	0.075	=	3.575	
4.84 x 3.05	x	0.075	=	1.107	
11.22 x 3.00	x	0.075	=	2.525	
16.30 x 3.00	x	0.075	=	3.668	
13.44 x 3.75	x	0.075	=	3.780	
11.22 x 3.00	x	0.075	=	2.525	
21.33 x 2.25	x	0.075	=	3.599	
17.47 x 3.35	x	0.075	=	4.389	
Total				= 115.983	m ³

4. clearing & grubbing road
Land - do -

$$\begin{aligned}
 & 2 \times 106 \times 25 \times 1.0 = 5300 \text{ m}^2 \\
 & 2 \times 141 \times 1.0 = 282 \text{ m}^2 \\
 & \text{Total } 5328 \text{ m}^2
 \end{aligned}$$

$$\therefore \text{ent} = \frac{5328 \text{ m}^2}{10000} = 0.53 = 0.53 \text{ hect}$$

5. const. of subgrade & earth
shoulder - do -

$$\begin{aligned}
 & 2 \times 106 \times 25 \times 0.7 \times 0.30 = 1113 \text{ m}^3 \\
 & 2 \times 141 \times 0.7 \times 0.30 = 588 \text{ m}^3 \\
 & \text{Total } 1118.88 \text{ m}^3
 \end{aligned}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Prime coat					
Providing and applying					
primer coat with					
bitumen emulsion (SS-1)					
do					
Area used for prime					
coat is same as area					
used for WBM gr - III					
= 1546.44 P- ⑤					
item - ③					
$\left[\begin{array}{l} \text{SS} \\ \text{R} \end{array} \right] =$	115.983 m ³				1546.44 m ²
	0.075 m				
⑦ Tack coat					
Providing and applying					
tack coat with bitumen					
emulsion (RS-1) - do					
Area used for tack					
coat = area used for					
prime coat + 18 x 3.75					
$\left[\begin{array}{l} \text{SS} \\ \text{R} \end{array} \right] =$	1546.44 + 67.50				1613.94 m ²
⑧ Patch work over WBM					
using mss - do					
Area used for mss					
$\left[\begin{array}{l} \text{SS} \\ \text{R} \end{array} \right] =$	Area used for tack				
coat P- ⑥ item - ⑦					1613.94 m ²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200 m stone	-	-	cl.	-	
			ant =		10 No.
(12) Direction and place					
identification sign					
— do —					
2 X 1.20 X 0.80 X					1.92 m ²
(13) Providing & fixing of					
retro-reflective					
cautionary, mandatory					
— do —					
i) 600 mm equilateral					
triangle — do —					
			ant =		20 No.
ii) 600 mm circular board					
— do —					
			ant =		8 No.
iii) 600 mm X 450 mm rectangular					
board — do —					
			ant =		8 No.
(14) Boundary pillar					
— do —					
			ant =		48 No.
(15) Planting of trees					
— do —					
			ant =		133 No.
(16) Road marking with hot					
applied Thermoplastic					
compound — do —					
2 X 106 X 25 X 0.1 =					530 m ²
2 X 14 X 0.1 =					2.8 m ²
			ant. total		532.8 m ²

6/10/2022 R P Gm
11-2-2022
AE
Continuation

Scanned with CamScanner

Abstract of cont

10

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Const. of granular subbase					
cont = 72.239 m ³ P-(2)					
item-(1) @ Rs 2290.90/m ³					
				Rs	165492 =
2. WBM gr-II					
② Providing & laying, spreading and compacting stone					
cont = 62.914 m ³ P-(3)					
item-(2) @ Rs 4263.92					
				Rs	268260 =
3. WBM gr-III					
cont = 115.983 m ³ P-(5)					
item-(3) @ Rs 3810.61					
				Rs	441966 =
4. clearing & grubbing					
road Const - do -					
cont = 0.53 hect P-(5)					
item-(4) @ Rs 49496.70					
				Rs	26233 =
5. const. of subgrade & earthen shoulder					
cont = 1118.88 m ² P-(5)					
item-(5) @ Rs 176.96					
				Rs	197997 =
6. Prime coat					
cont = 1546.44 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P- (6) itm - (6)					
@ Rs 41.56/m ²					Rs 64270 =
(7) Tack coat					
— — do — —					
ent = 1613.94 m ²					
P- (6) itm - (7)					
@ Rs 14.09/m ²					Rs 22740 =
(8) Patch work over					
w Bm — — do — —					
ent = 1613.94/m ²					P- (6)
itm - (8) @ Rs 228.71					
					Rs 3691242
(9) Tack coat					
— — do — —					
ent = 9990 m ²					P- (7)
itm - (9) @ Rs 12.25					
					Rs 122378 =
(10) SDBC					
— — do — —					
ent = 249.75 m ³					P- (7)
itm - (10) @ Rs 11041.84					
					Rs 2757700 =
(11) Kilometer stone					
— — do — —					
(i) kilometer					
ent = 4 No. P- (7)					
itm - 11 (i) @ Rs 2299.04					
					Rs 9196 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(ii) 200 mm stone					
— do —					
amt = 10 No. P- (8)					
item - 11 (ii)					
@ Rs 633.99 = Rs.					6340 =
(12) Direction & Place					
identification sign					
— do —					
amt = 1.92 m ² P- (8)					
item - (12) @ Rs 12358.34					
				2 Rs	23728 =
(13) Providing & fixing of					
retro-reflectors					
cautionary, mandatory					
— do —					
(i) 600 mm equilateral					
triangle — do —					
amt = 20 No. P- (8)					
item - 13 (i) @ Rs 3659.51					
				2 Rs	73190 =
(ii) 600 mm circular board					
— do —					
amt = 8 No. P- (8)					
item - 13 (ii) @ Rs 3758.86					
				2 Rs	30071 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) 600 mm x 450 mm rectangular board					
— do —					
ent = 8 No. P- (8)					
itm - 13(ii i)					
@ Rs 3629.74 = Rs 29038=					
(14) Boundary pillar					
— do —					
ent = 48 No. P- (8)					
itm - (14) @ Rs 507.45					
= Rs 24358=					
(15) Planting of trees					
— do —					
ent = 133 No. P- (8)					
itm - (15) @ Rs 800.30					
= Rs 106439=					
(16) Road marking with hot applied Thermo-plastic compound					
— do —					
ent = 532.80 m ² P- (8)					
itm - (16) @ Rs 735.10					
= Rs 391821=					
(17) Providing & fixing of typical missing single board					
— do —					
ent = 4 No. P- (9)					
itm - (17) @ Rs 9347.34					
= Rs 37389=					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) Brick masonry work — do —					
Qnt = 11.52 m ³					
P- (9) item - (18)					
@ Rs 5102.55 = Rs 58780 =					
(19) Plastering with cement mortar — do —					
Qnt = 80.64 m ²					
P- (9) item - (19)					
@ Rs 148.55 = Rs 119792					
(20) Painting two coats on new plastered surface — do —					
Qnt = 234.24 m ²					
P- (9) item - (20)					
@ Rs 95.63 / m ² = Rs 22400 =					
Total Rs 5260889 =					
Add GST - 12% (A) Rs 631307 =					
Add Labourers 1% (B) Rs 52609 =					
Total Rs 5944805 =					
By Singh 11/02/2022					
11-2-2022					
AE					
14-3-22					
E.E.					

Continuation