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

पत्रांक 557 अनु0 छपरा / दिनांक 10/03/2021

सेवा में,

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

विषयः— नई अनुरक्षण नीति 2018 (Head – 3054) योजना मद में आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना हैं 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, Bump Indecator का Reading संलग्न कर आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः अनुरोध हैं 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।

अनु0:— यथोक्त।

विश्वासभाजन

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

9/3/21

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

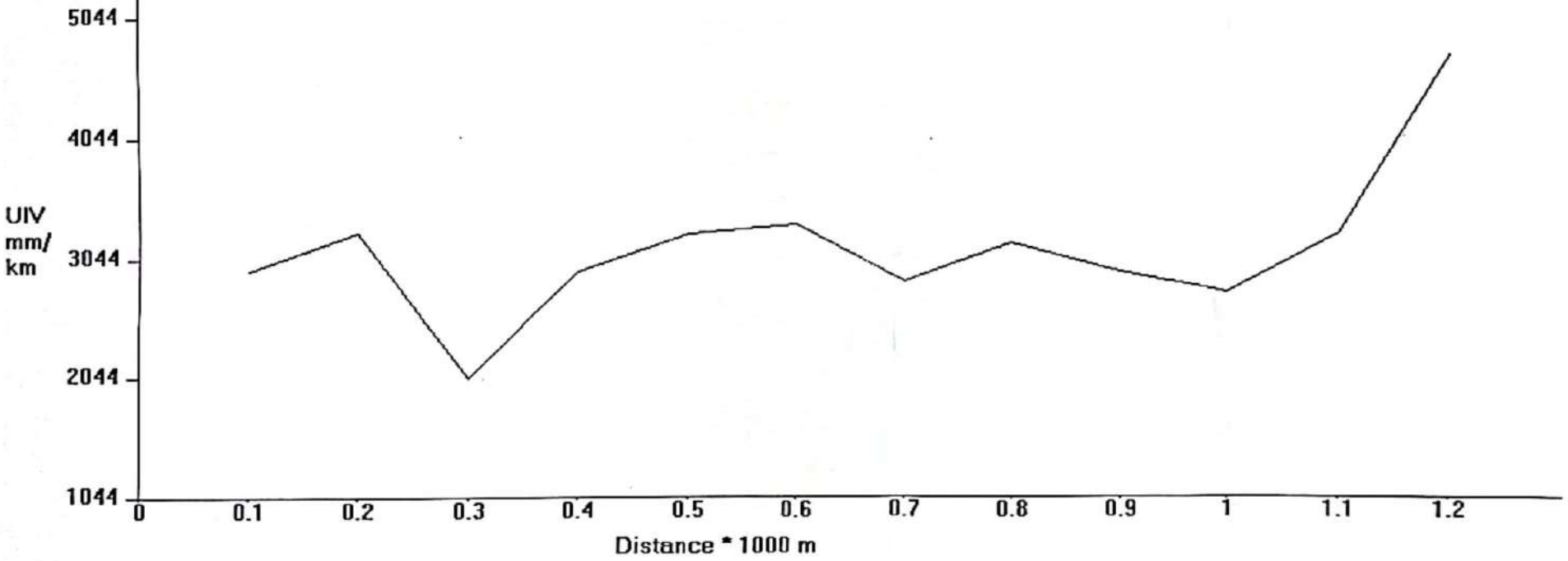
Sl. No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No. & Date	Administrative Approval (AA)		Agreement Amount (In Lakh)		Agreement No. & Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (in mm/km)	Thickness of Bitument Layer (in mm)	Value of Bitumen Content in Percentage	Previous Total Alloted 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-2/17	T05 to Bangra	31306402095	Lt. No. 3388 Dated 02.08.19	1.10	39.42030	2508875.00	1177605.00	03 MBD/20-21	05.03.21	05.03.21	3028.667	25.00	5%	0.00	0.00	23.89507	MB No. 3246, Page No. 01 to 13

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

AEP
9/3/21

File :C:\Users\dell\Downloads\12021346 (1).Xls. Section No. :29. Eqn : Y = 0 * X ^ 2 + 0.816 * X + 249

Name of Customer :Rajeshwar Singh. Name of Work/ Road :T05 TO Bangra. Lab Job number :



12/02/21
(J.E)

12/2/21
AE

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

Date	Time	Section	Length	Bumps	Speed	OR	IRI	CATEGORY		Latitude	Longitude	Event		
		No.	in km	in mm	Rate	mm/km	mm/km	ROAD				Y = 0 * X ^ 2 + 0.816 * X + 249		
12/2/21	13: 40: 6	29	0.1	330	0	3300	2941	G		25.90477	84.70539	Speed Breaker	X = 5517	
12/2/21	13: 40: 41	29	0.1	370	10.1	3700	3268	G		25.9056	84.70579	Normal	Y = 4750	
12/2/21	13: 41: 0	29	0.1	220	10.1	2200	2044	G		25.90641	84.70614	Normal		
12/2/21	13: 41: 16	29	0.1	330	10.1	3300	2941	G		25.90729	84.70652	Normal		
12/2/21	13: 42: 0	29	0.1	370	0	3700	3268	G		25.90789	84.70714	Normal	RURAL ROAD	
12/2/21	13: 43: 2	29	0.1	380	0	3800	3349	G		25.90822	84.70786	Normal	Good	Average
12/2/21	13: 43: 2	29	0.1	320	10.1	3200	2860	G		25.9091	84.70808	Normal	<4000	4001-5000
12/2/21	13: 44: 0	29	0.1	360	10.1	3600	3186	G		25.90996	84.7082	Normal		
12/2/21	13: 44: 13	29	0.1	330	10.1	3300	2941	G		25.91086	84.70852	Speed Breaker		
12/2/21	13: 45: 0	29	0.1	310	10.1	3100	2778	G		25.91112	84.70929	Normal		
12/2/21	13: 45: 23	29	0.1	370	10.1	3700	3268	G		25.91097	84.71034	Culvert		
12/2/21	13: 45: 23	29	0.1	160	10.1	3500	3500	G		25.9109	84.71064	Normal		

12/02/21
(J.E)

12/2/21
A.E

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

MR-N/19-20 CHAPRA-2/17 M.B.NO-3246

Schedule XLV-Form No. 134

TOS to Bongra.

Ag.NO.

~~Cont.-Sri.Rajeshwar Singh.~~ DIVISION

Sri. Ashok kumar A.E SUB-DIVISION

Jalalpur

MEASUREMENT BOOK

M.B.NO-3246

1st on A/c bill

Name fo 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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
H/W:—	Repair & maintenance				
	work of Road from TOS				
	to Bangra (Package NO—				
	MR-H/19-20/chapter-2/17)				
	Under MR-3054 (New) at				
	block Jalalpur..				
H/ Agency—	Sri Rajeshwar Singh				
Agg. NO—					
Date of start — 06.03.2020					
Date of completion — 05.03.2021					
Date of measurement — 02.03.2021					
	Items of works.				
(1)	clearing & grubbing of				
	road land.				
2	10	x 30.00m	x 1.00m	= 600.00m²	
2	10	x 30.00m	x 1.00m	= 600.00m²	
2	10	x 30.00m	x 1.00m	= 600.00m²	
2	5	x 30.00m	x 1.00m	= 300.00m²	
2	1	x 10.00m	x 1.00m	= 20.00m²	
			Total	= 2120.00m²	
				= 0.212 Hect	
(2)	Earthwork calculation for				
	subgrade & Earthen				
	shoulder —				

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sl.No	chainage	c/s Area	Mean c/s Area	Dist	volume
	(m)	(m^2)	(m^2)	(m)	(m^3)
1	0.00	0.090	0.045	0.0	0.00
2	50	0.447	0.269	50	13.425
3	100	0.893	0.670	50	33.500
4	150	0.441	0.667	50	33.350
5	200	0.728	0.585	50	29.225
6	250	0.469	0.599	50	29.975
7	300	0.940	0.705	50	35.225
8	350	0.571	0.756	50	37.775
9	400	0.560	0.566	50	28.275
10	450	0.501	0.531	50	26.525
11	500	0.801	0.651	50	32.550
12	550	0.508	0.655	50	32.725
13	600	0.512	0.510	50	25.500
14	650	0.658	0.585	50	29.250
15	700	0.912	0.785	50	39.250
16	750	0.736	0.824	50	41.200
17	800	0.610	0.673	50	33.650
18	850	0.421	0.516	50	25.775
19	900	0.595	0.508	50	25.400
20	950	0.422	0.509	50	25.425
21	1000	0.294	0.358	50	17.900
22	1050	0.366	0.330	50	16.500
23	1100	0.578	0.472	50	23.600
Total c/w qty (including crust)					= 635.950 m^3

Continuation Qty c/o = 635.950 m^3

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			Qty B/F=		635.950 m³
	Less Pc		GSB	(–)	24.24 m³
	"	"	WBM-2	(–)	23.63 m³
	6 "	"	WBM-3	(–)	41.46 m³
	"	"	M.S.S	(–)	11.08 m³
	"	"	SDBC	(–)	99.35 m³
Net Qty of E/W in Earthen shoulder				=	436.19 m³
(3) Construction of granular sub-base by providing well graded material.					
Pot Patch measurement –					
5.60 m X	3.75 m	X 0.175 m		=	3.18 m³
10.20 m X	3.20 m	X 0.175 m		=	5.71 m³
7.35 m X	3.45 m	X 0.175 m		=	4.43 m³
12.60 m X	2.30 m	X 0.175 m		=	5.07 m³
9.70 m	X 3.45 m	X 0.175 m		=	5.85 m³
			Total=		24.24 m³
(4) P/V, Leveling, Spreading & Compacting of WBM-2					
Pot measurement –					
7.90 m	X 3.30 m	X 0.075 m		=	1.95 m³
12.50 m	X 3.25 m	X 0.075 m		=	3.04 m³
10.10 m	X 3.30 m	X 0.075 m		=	2.47 m³
15.70 m	X 2.35 m	X 0.075 m		=	2.76 m³
12.00 m	X 3.60 m	X 0.075 m		=	3.24 m³
5.30 m	X 2.60 m	X 0.075 m		=	1.03 m³
14.00 m	X 3.70 m	X 0.075 m		=	3.88 m³
16.00 m	X 2.75 m	X 0.075 m		=	3.30 m³
2.50 m	X 3.50 m	X 0.075 m		=	1.96 m³
Continuation			Total	=	23.63 m³

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Plv, Lowering, Spreading & Compacting of WBM-3					
Pot measurement-					
	9.20m	x 3.50m	x 0.075m =		2.41 m³
	13.50m	x 3.15m	x 0.075m =		3.18 m³
	11.50m	x 3.25	x 0.075m =		2.80 m³
	17.50m	x 2.40m	x 0.075m =		3.15 m³
	13.50m	x 3.50m	x 0.075m =		3.54 m³
	7.20m	x 2.60m	x 0.075m =		1.40 m³
	17.50m	x 3.50m	x 0.075m =		4.59 m³
	17.00m	x 2.50m	x 0.075m =		3.18 m³
	9.00m	x 3.75m	x 0.075m =		2.19 m³
	8.50m	x 3.70m	x 0.075m =		2.35 m³
	9.80m	x 2.10m	x 0.075m =		1.54 m³
	11.70m	x 2.30m	x 0.075m =		2.01 m³
	8.75m	x 2.50m	x 0.075m =		1.64 m³
	9.90m	x 3.60m	x 0.075m =		2.64 m³
	12.00m	x 2.45m	x 0.075m =		2.70 m³
	16.00m	x 2.70m	x 0.075m =		2.64 m³
			Total =		41.46 m³
(6) Plv & applying primer coat with bitumen emulsion SS-1					
Pot measurement-					
(4)	9.20m	x 3.50m =			32.20 m²
	13.50m	x 3.15m =			42.52 m²
	11.50m	x 3.25m =			37.37 m²
	17.50m	x 2.40m =			42.00 m²

Continuation

Qty 40 = 154.09 m²

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	B/P=	154.09 m²
		13.50 m	X 3.50 m		47.25 m²
		7.20 m	X 2.60 m =		18.72 m²
		17.50 m	X 3.50 m =		61.25 m²
		17.00 m	X 2.50 m =		42.50 m²
		9.00 m	X 3.25 m =		29.25 m²
		8.50 m	X 3.70 m =		31.45 m²
		9.80 m	X 2.10 m =		20.58 m²
		11.70 m	X 2.30 m =		26.91 m²
		8.75 m	X 2.50 m =		21.87 m²
		9.90 m	X 3.60 m =		35.64 m²
		12.00 m	X 2.45 m =		29.40 m²
		16.00 m	X 2.20 m =		35.20 m²
				Total =	554.11 m²
(7) plv & applying of tack coat with bitumen emulsion RS-1					
(Sqm) Net Area in B.T. for 1m =					Qty As per prime coat = 554.11 m²
9m P.C.C. Area,					
	4	X 2.50 m	X 0.750 m =		7.50 m²
	2	X 2.75 m	X 0.65 m =		3.57 m²
				Total =	565.18 m²
(8) plv, laying & rolling of close-graded premix surfacing material					
(Sqm) Net Area =					Qty of tack coat = 565.18 m²

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(9) P/V & applying tack coat with bitumen emulsion Rs-1					
	1	10×30.00m	× 3.75m	= 1125.00m²	
(9a)	1	10×30.00m	× 3.75m	= 1125.00m²	
	1	10×30.00m	× 3.75m	= 1125.00m²	
	1	5×30.00m	× 3.75m	= 562.50m²	
	1	1×10.00m	× 3.75m	= 37.50m²	
			Total	= 3975.00m²	
(10) P/V & laying semi dense bituminous concrete as per technical specification					
(10a)	1	10×30.00m	× 3.75m	× 0.025m = 28.12m³	
	1	10×30.00m	× 3.75m	× 0.025m = 28.12m³	
(10a)	1	10×30.00m	× 3.75m	× 0.025m = 28.12m³	
	1	5×30.00m	× 3.75m	× 0.025m = 14.06m³	
	1	1×10.00m	× 3.75m	× 0.025m = 0.93m³	
			Total	= 99.35m³	
(11) P/V & fixing R.C.C. M15 grade kilometer stone					= 02 Nos
(12) P/V & fixing 200m stone					= 05 Nos
(13) P/V & erecting direction & place identification sign board					
	2	1.20m	× 0.80m	= 1.92m²	

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) plv & fixing of retro-reflectorised traffic sign 600mm equilateral triangle. board = 18 NOS					
(15) 600mm Circular = 07 NOS					
(16) 600mm x 450mm rectangular = 07 NOS					
(17) Printing new letter & figure of any shade = 250/cm					
(18) plv & fixing R.C.C M15 grade boundary pillars					
At 0.00 m.	2 x 4 NOS	= 08 NOS			
At curve	2 x 6 NOS	= 12 NOS			
At Culvert	2 x 8 NOS	= 16 NOS			
		Total = 36 NOS			
(19) planting of trees by the road side					
At chainage	0.00 Km - 1.00 Km = 45 NOS				
At chainge	1.00 Km - 1+100 Km = 05 NOS				
			Total =		50 NOS
(20) plv & laying of hot applied thermo plastic compound 2.5mm thick.					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	2x	10x30.00m x	0.100m	= 60.00m²	
	2x	10x30.00m x	0.100	= 60.00m²	
	2x	10x30.00m x	0.100	= 60.00m²	
	2x	5x30.00m x	0.100	= 30.00m²	
	2x	1x10.00m x	0.100	= 2.00m²	
			Total =		212.00m²
(21)	PIV & fixing of typical mm SS Y information sign board with logo = 04 Nos.				
(22)	Brick masonry work in cement mortar 1:3 in				
	Parapet wall.				
	for H.P. culvert - 1x1000mm - 03 Nos				
3x	2x 6.00m x 0.400m x 0.600m				= 8.64m³
(23)	Plastering with cement mortar 1:4				
	on brickwork				
	outer side,				
	3x2x	6.00m x 0.600m =			21.60m²
	inner side				
	3x2x	6.00m x 0.600m =			21.60m²
	Top,	3x2x	6.00m x 0.400m =		14.40m²
	Ends,	3x2x2x	0.400m x	0.600m	2.88m²
			Total =		60.48m²
(24)	Painting two coats on new surface				
	Side,	3x2x	2x 6.00m x 0.600m =		43.20m²
	Top,	3x2x	6.00m x 0.400m =		14.40m²
	Ends	3x2x	2x 0.400m x	0.600m	= 2.88m²
			Total =		60.48m²

Continuation

Ticked item checked & tabulated

02/03/21 (J.E)

3/3/2021 AE

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	Abstract of Cost				
1/1	Clearing & grubbing of road land -				
0.212 Heet, vide TMBP-1					
	@ Rs 49496=70/ Heet-Rs				10,493=00
2/2.	Construction of sub-grade & Earthen shoulder				
436.19 m^3, vide TMBP-3					
	@ Rs 176=96/m^3 — Rs				77188=00
3/3.	Construction of granular Sub-base by providing well graded material				
24.24 m^3, vide TMBP-3					
	@ Rs 2152=94/m^3 Rs				52,187=00
4/4	Plv, Laying, Spreading & Compacting of WBM-2				
23.63 m^3, vide TMBP-3					
	@ Rs 3971=17/m^2 — Rs				93839=00
5/5.	Plv, Laying, Spreading & Compacting of WBM-3				
41.46 m^3, vide TMBP-4					
	@ Rs 3550=13/m^3 — Rs				1,47,188=00
6/6	Plv & applying Primer coat with bitumen, emulsion SS-1				
554.11 m^2, vide TMBP-5					
	@ Rs 41=46/m^2 — Rs				22,973=00

Continuation 40 Rs 4,03,868=00

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	Rs	4,03,868=00
7/7	P/r & applying tack coat with bitumen emulsion Rs-1				
	565.18 ~~554.44~~ m², vide TMBP-5				
	(i) Rs 14=06/m² — Rs				7946=00
8/8	P/r, laying & rolling of close-graded premix Surfacing material				
	565.18 m², vide TMBP-5				
	(ii) Rs 223=59/m² — Rs				1,26,369=00
9/9	P/r & applying tack coat with bitumen emulsion Rs-1				
	3975.00 m², vide TMBP-6				
	(i) Rs 12=22/m² — Rs				48574=00
10/10.	P/r & Laying Semi dense bituminous concrete as per technical specification				
	99.35 m³, vide TMBP-6				
	(ii) Rs 10771=61/m³ — Rs				10,70,159=00
11/11.	P/r & fixing R.C.C M15 grade kilometre stones				
	02 Nos, vide TMBP-6				
	(i) Rs 2233=41/No — Rs				4467=00
				C/O Rs	16,61,383=00

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F Rs		16,61,383=00
12/12	P/V & fixing 200mm stone				
	05 Nos, vide TMBP-6				
	@ Rs 622=34/NO — Rs				3112=00
12/13	P/V & correctly directing & placed identifying sign board				
	1·92 m², vide TMBP-6				
	@ Rs 12317=39/m² — Rs				23,649=00
14/14	P/V & fixing of retro-reflectorised plastic sign board Common equipment				
	& triangle				
	18 Nos, vide TMBP-7				
	@ Rs 3628=79/NO — Rs				65318=00
15/15.	600mm circular				
	07 Nos, vide TMBP-7				
	@ Rs 3728=14/NO — Rs				26097=00
16/16	600mm x 450mm rectangular				
	07 Nos, vide TMBP-7				
	@ Rs 3599=02/NO — Rs				25193=00
17/18	Printing new letters & figures of any shade				
	250/each unit, vide TMBP-7				
	@ Rs 0=51/NO — Rs				127=00
			C/O Rs		18,04,879=00

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F Rs		18,04,879=00
18/17 P/V & fixing R.C.C Mile grade boundary pillars.					
36 Nos, vide TMB P-7					
	⑫ Rs 502=12/NO — Rs				18,076=00
19/19 Planting of trees by the road side					
50 NOS, vide TMBP-7					
	⑫ Rs 800=30/NO — Rs				40015=00
20/20 P/V & Laying of hot applied thermoplastic compound 2.5mm thick.					
212.00 m^2, vide TMBP-8					
	⑫ Rs 735=40/m^2 — Rs				1,55,905=00
21/21 P/V & fixing of typical MMGSY information sign board with Logo.					
04 NOS, vide TMBP-8					
	⑫ Rs 9285=91/NO — Rs				37144=00
22/22 Brick masonry work in C.M (1:3) in Breast wall.					
8.64 m^3, vide TMBP-8					
	⑫ Rs 5102=55/m^3 — Rs				44,086=00
			C/O	Rs	21,00,105=00

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F	Rs	21,00,105=00
23/23.	Plastering with c.m 1:4 on brick work.				
60.48 m²,	vide TMBP-8				
	@ Rs 144=16/m²	—		Rs	8719=200
24/24.	Painting two coats on new surface.				
60.48m²,	vide TMBP-8				
	@ Rs 95=63/m²	—		Rs	5784=00
			Total,	Rs	21,14,608=00
Adding 1% (L.Cess)				+Rs	21,146=08
Adding 12% (GST)				+Rs	2,53,753=60
			Total,	Rs	23,89,507=68

(Rupees Twenty three Lakh, Eighty nine thousand, five hundred & seven) only.

07/03/21
(J.E)

Pwdw
3/9/2021
AE