

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

पत्रांक 715

छपरा/दिनांक 6/4/21

सेवा में,

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

06/04/21

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

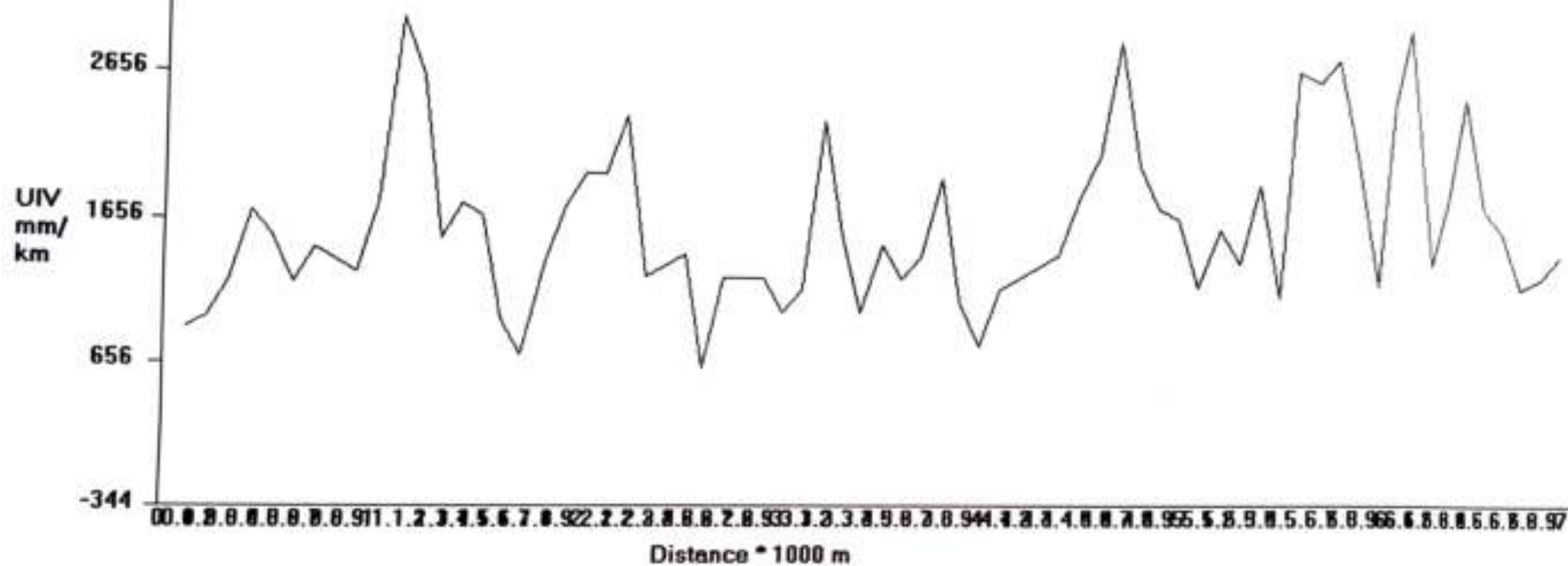
of Division :- Rural Works Department, Works Division, Chapra-2

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/20-21/Chapra-02/18	Tola Bahar Rai to Bareja	NEA220002067	Lt. No. 3388 Dated 02.08.19	7.00	222.46960	140.44729	67.86655	04 MBD/2020-21	05.03.21	05.03.21	1665.929	25.00	5%	0.00	0.00	139.67298	MB No. 3255, Page No. 01 to 23

MM
6/4/21

[Signature]
Executive Engineer
Rural Works Department,
Works Division, Chapra-2
06/04/21

File : F:\MUKESH SINGH\31031359.Xls, Section No. : 72, Eqn : $Y = 0 \cdot X^2 + 0.816 \cdot X + 249$
Name of Customer : Mukesh Singh, Name of Work/ Road : Tola Bahar Rai To Bareja, Lab Job number : 72



M/S
31/03/21
(J.E)

hml
6/4/21

Lab Job number :72

Date :31-03-2021

Name of Customer :Mukesh Singh

Name of Work/ Road :Tola Bahar Rai To Bareja

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

2	0.1	901 G
3	0.2	983 G
4	0.3	1228 G
5	0.4	1717 G
6	0.5	1554 G
7	0.6	1228 G
8	0.7	1472 G
9	0.8	1391 G
10	0.9	1309 G
11	1	1799 G
12	1.1	3104 G
13	1.2	2696 G
14	1.3	1554 G
15	1.4	1799 G
16	1.5	1717 G
17	1.6	983 G
18	1.7	738 G
19	1.8	1391 G
20	1.9	1799 G
21	2	2044 G
22	2.1	2044 G
23	2.2	2452 G
24	2.3	1309 G
25	2.4	1391 G
26	2.5	1472 G
27	2.6	656 G
28	2.7	1309 G
29	2.8	1309 G
30	2.9	1309 G
31	3	1064 G
32	3.1	1228 G
33	3.2	2452 G
34	3.3	1636 G
35	3.4	1064 G
36	3.5	1554 G
37	3.6	1309 G
38	3.7	1472 G
39	3.8	2044 G
40	3.9	1146 G
41	4	820 G
42	4.1	1228 G
43	4.2	1309 G
44	4.3	1391 G

Mukesh
31/03/21
(J.E)

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45	4.4	1472 G
46	4.5	1880 G
47	4.6	2207 G
48	4.7	3023 G
49	4.8	2125 G
50	4.9	1799 G
51	5	1717 G
52	5.1	1228 G
53	5.2	1636 G
54	5.3	1391 G
55	5.4	1962 G
56	5.5	1146 G
57	5.6	2778 G
58	5.7	2696 G
59	5.8	2860 G
60	5.9	2125 G
61	6	1228 G
62	6.1	2533 G
63	6.2	3104 G
64	6.3	1391 G
65	6.4	1880 G
66	6.5	2615 G
67	6.6	1799 G
68	6.7	1636 G
69	6.8	1228 G
70	6.9	1309 G
71	7	1472 G

MRM
31/03/11
(J-E)

6/4/11

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI CATEGORY
31/ 3/ 21	13: 36: 32	72	0.1	80	10.1	800	901 G
31/ 3/ 21	13: 37: 0	72	0.1	90	30.3	900	983 G
31/ 3/ 21	13: 37: 0	72	0.1	120	10.1	1200	1228 G
31/ 3/ 21	13: 37: 27	72	0.1	180	10.1	1800	1717 G
31/ 3/ 21	13: 37: 27	72	0.1	160	30.3	1600	1554 G
31/ 3/ 21	13: 38: 2	72	0.1	120	40.4	1200	1228 G
31/ 3/ 21	13: 38: 2	72	0.1	150	40.4	1500	1472 G
31/ 3/ 21	13: 38: 2	72	0.1	140	20.2	1400	1391 G
31/ 3/ 21	13: 38: 37	72	0.1	130	10.1	1300	1309 G
31/ 3/ 21	13: 39: 11	72	0.1	190	10.1	1900	1799 G
31/ 3/ 21	13: 39: 47	72	0.1	350	20.2	3500	3104 G
31/ 3/ 21	13: 40: 0	72	0.1	300	10.1	3000	2696 G
31/ 3/ 21	13: 40: 22	72	0.1	160	20.2	1600	1554 G
31/ 3/ 21	13: 40: 22	72	0.1	190	10.1	1900	1799 G
31/ 3/ 21	13: 41: 0	72	0.1	180	10.1	1800	1717 G
31/ 3/ 21	13: 41: 0	72	0.1	90	30.3	900	983 G
31/ 3/ 21	13: 41: 33	72	0.1	60	40.4	600	738 G
31/ 3/ 21	13: 42: 0	72	0.1	140	10.1	1400	1391 G
31/ 3/ 21	13: 42: 8	72	0.1	190	10.1	1900	1799 G
31/ 3/ 21	13: 42: 43	72	0.1	220	10.1	2200	2044 G
31/ 3/ 21	13: 43: 18	72	0.1	220	10.1	2200	2044 G
31/ 3/ 21	13: 43: 54	72	0.1	270	10.1	2700	2452 G
31/ 3/ 21	13: 44: 0	72	0.1	130	10.1	1300	1309 G
31/ 3/ 21	13: 44: 29	72	0.1	140	20.2	1400	1391 G
31/ 3/ 21	13: 44: 29	72	0.1	150	40.4	1500	1472 G
31/ 3/ 21	13: 44: 29	72	0.1	50	40.4	500	656 G
31/ 3/ 21	13: 45: 0	72	0.1	130	50.5	1300	1309 G
31/ 3/ 21	13: 45: 4	72	0.1	130	40.4	1300	1309 G
31/ 3/ 21	13: 45: 4	72	0.1	130	30.3	1300	1309 G
31/ 3/ 21	13: 45: 4	72	0.1	100	30.3	1000	1064 G
31/ 3/ 21	13: 45: 4	72	0.1	120	40.4	1200	1228 G
31/ 3/ 21	13: 45: 39	72	0.1	270	40.4	2700	2452 G
31/ 3/ 21	13: 45: 39	72	0.1	170	40.4	1700	1636 G
31/ 3/ 21	13: 46: 0	72	0.1	100	50.5	1000	1064 G
31/ 3/ 21	13: 46: 15	72	0.1	160	20.2	1600	1554 G
31/ 3/ 21	13: 46: 15	72	0.1	130	20.2	1300	1309 G
31/ 3/ 21	13: 46: 50	72	0.1	150	10.1	1500	1472 G
31/ 3/ 21	13: 47: 0	72	0.1	220	10.1	2200	2044 G

Latitude	Longitude	Event	
			$Y = 0 * X^2 + 0.816 * X + 249$
25.94144	84.67779	Normal	$X = 1700$
25.94152	84.6768	Normal	$Y = 1636$
25.94166	84.67577	Normal	
25.94174	84.67487	Normal	
25.94179	84.67384	Normal	(R) RURAL ROAD
25.94191	84.67288	Normal	Good Average Poor
25.942	84.67185	Normal	<4000 4001-5000 >5001
25.94212	84.67079	Speed Breaker	
25.94205	84.66981	Normal	
25.94229	84.66886	Normal	
25.94252	84.6679	Normal	
25.94267	84.66695	Normal	
25.94264	84.66589	Speed Breaker	
25.94266	84.66495	Normal	
25.94278	84.66404	Normal	
25.9429	84.6631	Normal	
25.94293	84.66202	Normal	
25.94232	84.6613	Speed Breaker	
25.94177	84.66064	Speed Breaker	
25.94213	84.65992	Normal	
25.94261	84.65902	Speed Breaker	
25.94271	84.65806	Normal	
25.94311	84.65717	Normal	
25.94324	84.65628	Normal	
25.94335	84.65519	Normal	
25.94343	84.65428	Normal	
25.94345	84.65322	Normal	
25.94346	84.65222	Normal	
25.94285	84.65167	Normal	
25.94245	84.65108	Normal	
25.94227	84.65005	Normal	
25.94212	84.64912	Normal	
25.94207	84.64808	Normal	
25.94201	84.64714	Normal	
25.94211	84.64609	Normal	
25.94219	84.64515	Speed Breaker	
25.94239	84.64416	Normal	
25.94244	84.64316	Normal	

31/3/21 13:47:0	72	0.1	110	30.3	1100	1146 G
31/3/21 13:47:25	72	0.1	70	40.4	700	820 G
31/3/21 13:47:25	72	0.1	120	30.3	1200	1228 G
31/3/21 13:47:25	72	0.1	130	10.1	1300	1309 G
31/3/21 13:48:1	72	0.1	140	10.1	1400	1391 G
31/3/21 13:48:1	72	0.1	150	30.3	1500	1472 G
31/3/21 13:48:36	72	0.1	200	10.1	2000	1880 G
31/3/21 13:49:11	72	0.1	240	10.1	2400	2207 G
31/3/21 13:49:46	72	0.1	340	10.1	3400	3023 G
31/3/21 13:50:0	72	0.1	230	10.1	2300	2125 G
31/3/21 13:50:22	72	0.1	190	20.2	1900	1799 G
31/3/21 13:50:57	72	0.1	180	10.1	1800	1717 G
31/3/21 13:51:0	72	0.1	120	20.2	1200	1228 G
31/3/21 13:51:32	72	0.1	170	10.1	1700	1636 G
31/3/21 13:52:0	72	0.1	140	10.1	1400	1391 G
31/3/21 13:52:8	72	0.1	210	20.2	2100	1962 G
31/3/21 13:52:8	72	0.1	110	40.4	1100	1146 G
31/3/21 13:52:8	72	0.1	310	40.4	3100	2778 G
31/3/21 13:52:43	72	0.1	300	40.4	3000	2696 G
31/3/21 13:52:43	72	0.1	320	40.4	3200	2860 G
31/3/21 13:53:0	72	0.1	230	20.2	2300	2125 G
31/3/21 13:53:18	72	0.1	120	20.2	1200	1228 G
31/3/21 13:53:18	72	0.1	280	20.2	2800	2533 G
31/3/21 13:54:0	72	0.1	350	10.1	3500	3104 G
31/3/21 13:54:29	72	0.1	140	10.1	1400	1391 G
31/3/21 13:55:4	72	0.1	200	10.1	2000	1880 G
31/3/21 13:55:39	72	0.1	290	10.1	2900	2615 G
31/3/21 13:56:0	72	0.1	190	10.1	1900	1799 G
31/3/21 13:56:15	72	0.1	170	10.1	1700	1636 G
31/3/21 13:57:0	72	0.1	120	10.1	1200	1228 G
31/3/21 13:57:25	72	0.1	130	20.2	1300	1309 G
31/3/21 13:57:25	72	0.1	150	10.1	1500	1472 G

25.9425	84.64224	Normal
25.94248	84.64116	Normal
25.94256	84.6402	Normal
25.94188	84.63968	Speed Breaker
25.94124	84.63911	Normal
25.94037	84.6388	Normal
25.94032	84.6379	Speed Breaker
25.94047	84.63687	Speed Breaker
25.94017	84.63608	Normal
25.93997	84.63515	Normal
25.93981	84.63423	Normal
25.93992	84.63325	Normal
25.94011	84.63239	Normal
25.94074	84.63162	Speed Breaker
25.94027	84.63111	Speed Breaker
25.9395	84.63094	Normal
25.93866	84.63061	Normal
25.93778	84.63032	Normal
25.93692	84.6302	Normal
25.93602	84.63052	Normal
25.93531	84.63047	Normal
25.93496	84.62968	Normal
25.93544	84.62872	Normal
25.93591	84.62795	Normal
25.93644	84.6271	Speed Breaker
25.93705	84.62638	Normal
25.93732	84.62557	Speed Breaker
25.93664	84.625	Normal
25.93617	84.62436	Normal
25.93543	84.6238	Normal
25.93454	84.62374	Normal
25.93373	84.62348	Normal

AKM
31/03/21
(J-E)

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6/4/21

1st on A/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.	
N/W:- Repair & Maintenance work of Road from Tola Bahar Rai to Bareilly under MR-3054 (New) at block Jhalapur.					

N/Agency- Sri Mukesh Singh

Agg. No- 04/ MRD/2020-21

Date of start - 06.03.2020

Date of Completion - 05.03.2021

Date of Measurement - 05.04.2021

Items of work,

① clearing & grubbing of road level.

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

$$2 \times 20 \times 30.00 \text{ m} \times 1.00 \text{ m} = 1200.00 \text{ m}^2$$

Continuation Qty 40 = 8400.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
			Qty B/F		8400.00 m ²
2x 30 x 30.0		30.0	4x 1.00		1200.00 m ²
2x 30 x 30.0		30.0	4x 1.00		1200.00 m ²
2x 30 x 30.0		30.0	4x 1.00		1200.00 m ²
2x 30 x 30.0		30.0	4x 1.00		1200.00 m ²
2x 13x 30.0		30.0	1.00		780.00 m ²
2x 1x 10.0		10.0	4x 1.00		20.00 m ²
			Qty al =		14000.00 m ²
					= 1470 Hec/ha.
(2)	Construction of Subgrade & earthen shoulder				
(Earthwork Calculation)					
St. No	chainage	C/S Area	mean C/S Area	Dist.	Volume
(m)	(m)	(m ²)	(m ²)	(m)	(m ³)
1	0	1.110	0.555	0.00	0.000
2	100	0.450	0.780	100	78.00
3	200	0.350	0.400	100	40.00
4	300	0.650	0.500	100	50.00
5	400	0.340	0.495	100	49.50
6	500	0.540	0.440	100	44.00
7	600	0.650	0.595	100	59.50
8	700	0.670	0.660	100	66.00
9	800	0.340	0.505	100	50.50
10	900	0.360	0.350	100	35.00

Continuation 2.47 x 10 = 472.50 m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
chain			0.34		
Sl. No chainage	C/S Area	mean C/S	Dist	Volume	
	m	m ²	m ²	m	m ³
			Qty of F ₂		472.50 m ³
11	1000	0.320	0.340	100	34.00
12	1100	0.450	0.385	100	38.50
13	1200	0.540	0.495	100	49.50
14	1300	0.760	0.650	100	65.00
15	1400	0.340	0.550	100	55.00
16	1500	0.880	0.610	100	61.00
17	1600	0.650	0.765	100	76.50
18	1700	0.680	0.665	100	66.50
19	1800	0.610	0.645	100	64.50
20	1900	0.650	0.630	100	63.00
21	2000	0.724	0.687	100	68.70
22	2100	0.242	0.483	100	48.30
23	2200	0.760	0.501	100	50.10
24	2300	0.430	0.595	100	59.50
25	2400	0.720	0.600	100	60.00
26	2500	0.450	0.610	100	61.00
27	2600	0.630	0.540	100	54.00
28	2700	0.530	0.580	100	58.00
29	2800	0.880	0.705	100	70.50
30	2900	0.850	0.865	100	86.50

Continuation

Qty of F₂ = 1662.60 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S/NO description		c/s Area	Mean c/s Area	Dist	Volume
	m	m ²	m ²	m	m ³
			Qty	B/F	1662.60 m ³
31	3000	0.640	0.745	100	74.50
32	3100	0.750	0.695	100	69.50
33	3200	0.620	0.685	100	68.50
34	3300	0.650	0.635	100	63.50
35	3400	0.450	0.530	100	55.00
36	3500	0.340	0.395	100	39.50
37	3600	0.540	0.440	100	44.00
38	3700	0.450	0.495	100	49.50
39	3800	0.760	0.605	100	60.50
40	3900	0.650	0.705	100	70.50
41	4000	0.640	0.645	100	64.50
42	4100	0.340	0.490	100	49.00
43	4200	0.450	0.395	100	39.50
44	4300	0.760	0.605	100	60.50
45	4400	0.500	0.630	100	63.00
46	4500	0.450	0.475	100	47.50
47	4600	0.760	0.605	100	60.50
48	4700	0.850	0.805	100	80.50
49	4800	0.750	0.800	100	80.00
50	4900	0.460	0.605	100	60.50
51	5000	0.350	0.405	100	40.50
52	5100	0.450	0.400	100	40.00

Continuation

Qty 2943.60 m³

Def. Qty. of Earthwork
in Indian units = 2850 cu m

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
③ Construction of granular sub base by providing well graded material.					
Ref measurement —					
2x	8.10 m	3.25 m	0.175 m		9.21 m ³
2x	17.90 m	2.40 m	0.175 m		15.03 m ³
2x	4.35 m	3.45 m	0.175 m		5.55 m ³
1x	7.55 m	3.20 m	0.175 m		4.88 m ³
1x	14.30 m	2.50 m	0.175 m		6.25 m ³
1x	13.60 m	3.50 m	0.175 m		7.96 m ³
2x	4.75 m	3.05 m	0.175 m		5.67 m ³
1x	8.50 m	3.15 m	0.175 m		4.68 m ³
1x	6.30 m	2.10 m	0.175 m		2.31 m ³
1x	12.45 m	3.15 m	0.175 m		6.86 m ³
1x	9.65 m	3.25 m	0.175 m		5.48 m ³
1x	16.35 m	2.40 m	0.175 m		6.86 m ³
1x	12.40 m	3.45 m	0.175 m		7.48 m ³
1x	16.70 m	3.60 m	0.175 m		10.52 m ³
1x	18.10 m	2.65 m	0.175 m		8.34 m ³
1x	6.75 m	3.25 m	0.175 m		3.83 m ³
1x	8.00 m	2.45 m	0.175 m		5.43 m ³
1x	17.50 m	2.30 m	0.175 m		7.04 m ³
1x	3.00 m	2.50 m	0.175 m		1.31 m ³
1x	8.00 m	3.65 m	0.175 m		5.11 m ³
1x	8.25 m	3.60 m	0.175 m		5.19 m ³

Continuation

Qty of = 132.39 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	B/F	182.39 m ²
1 x	7.90 m	2.60 m	0.175 m		3.59 m ²
1 x	3.50 m	3.60 m	0.175 m		2.20 m ²
1 x	18.10 m	1.65 m	0.175 m		5.19 m ²
1 x	6.50 m	4.15 m	0.175 m		4.72 m ²
			Total		148.09 m ²
			Qty	Unit	149.74 m ²

(4) ply, Laying, spreading &

Compacting of WBM-2

Est measurement.

1 x	10.50 m	3.40 m	0.075 m		2.67 m ²
1 x	20.50 m	2.15 m	0.075 m		3.30 m ²

1 x	14.70 m	2.50 m	0.075 m		2.75 m ²
1 x	10.35 m	2.45 m	0.075 m		1.90 m ²
1 x	6.40 m	2.65 m	0.075 m		1.27 m ²
1 x	9.70 m	3.70 m	0.075 m		2.69 m ²
1 x	6.70 m	3.75 m	0.075 m		1.88 m ²
1 x	16.50 m	2.65 m	0.075 m		3.27 m ²
1 x	14.80 m	3.60 m	0.075 m		3.99 m ²
1 x	6.80 m	1.75 m	0.075 m		0.89 m ²
1 x	6.75 m	3.70 m	0.075 m		1.62 m ²
1 x	10.75 m	3.15 m	0.075 m		2.53 m ²
1 x	8.50 m	2.10 m	0.075 m		1.37 m ²
1 x	6.90 m	3.35 m	0.075 m		1.73 m ²
1 x	14.60 m	3.30 m	0.075 m		3.61 m ²

Continuation

Qty 410 = 35.43 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty RIF =		35.43 m ²
1 X	11.70 m	X	3.40 m	X	0.075 m = 2.98 m ²
1 X	18.90 m	X	2.50 m	X	0.075 m = 3.54 m ²
1 X	14.05 m	X	3.65 m	X	0.075 m = 3.74 m ²
1 X	6.50 m	X	2.75 m	X	0.075 m = 1.34 m ²
1 X	18.80 m	X	3.20 m	X	0.075 m = 5.21 m ²
1 X	19.00 m	X	2.75 m	X	0.075 m = 3.91 m ²
1 X	8.70 m	X	3.40 m	X	0.075 m = 2.21 m ²
1 X	15.30 m	X	3.45 m	X	0.075 m = 3.95 m ²
1 X	14.90 m	X	2.30 m	X	0.075 m = 2.57 m ²
1 X	11.60 m	X	2.45 m	X	0.075 m = 2.02 m ²
1 X	19.80 m	X	2.40 m	X	0.075 m = 3.56 m ²
1 X	5.50 m	X	2.75 m	X	0.075 m = 1.13 m ²
1 X	9.85 m	X	3.75 m	X	0.075 m = 2.77 m ²
1 X	10.35 m	X	3.70 m	X	0.075 m = 2.87 m ²
1 X	9.90 m	X	2.65 m	X	0.075 m = 1.96 m ²
1 X	5.40 m	X	3.60 m	X	0.075 m = 1.45 m ²
1 X	20.50 m	X	1.70 m	X	0.075 m = 2.61 m ²
1 X	3.55 m	X	3.20 m	X	0.075 m = 0.85 m ²
1 X	9.90 m	X	3.70 m	X	0.075 m = 2.77 m ²
1 X	15.05 m	X	3.70 m	X	0.075 m = 3.61 m ²
1 X	12.15 m	X	3.40 m	X	0.075 m = 3.07 m ²
1 X	10.20 m	X	3.20 m	X	0.075 m = 2.44 m ²
1 X	20.50 m	X	2.40 m	X	0.075 m = 3.69 m ²

Continuation

Qty 40 = 79.80 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty R/F =		79.30 m ²
1 X	11.30 m	3.20 m	x 0.075 m =		2.71 m ²
1 X	10.50 m	3.45 m	x 0.075 m =		2.71 m ²
1 X	10.70 m	2.75 m	x 0.075 m =		2.20 m ²
1 X	9.65 m	2.70 m	x 0.075 m =		1.95 m ²
1 X	7.80 m	3.95 m	x 0.075 m =		1.95 m ²
1 X	6.40 m	3.5 m	x 0.075 m =		1.51 m ²
1 X	7.30 m	2.40 m	x 0.075 m =		1.31 m ²
1 X	6.50 m	3.40 m	x 0.075 m =		1.65 m ²
1 X	10.50 m	3.25 m	x 0.075 m =		2.55 m ²
1 X	8.85 m	3.40 m	x 0.075 m =		2.25 m ²
1 X	11.45 m	2.70 m	x 0.075 m =		2.31 m ²
1 X	14.00 m	3.40 m	x 0.075 m =		3.57 m ²
1 X	6.35 m	2.70 m	x 0.075 m =		1.28 m ²
Total =					127.25 m ²

(5)

Plr, Landing, spreader &

Compacting of WBM-3

Pot patches measurement

1 X	12.30 m	3.25 m	x 0.075 m =		3.45 m ²
1 X	22.20 m	2.40 m	x 0.075 m =		3.77 m ²
2 X	15.70 m	2.35 m	x 0.075 m =		5.53 m ²
2 X	8.10 m	2.75 m	x 0.075 m =		3.58 m ²
2 X	15.50 m	2.80 m	x 0.075 m =		6.51 m ²
1 X	16.20 m	3.50 m	x 0.075 m =		4.25 m ²

Continuation

Qty C/O = 26.65 m²

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
			Qty	B/F	26.65 m ³
2x	8.35 m	2.95 m	x	0.075 m	= 3.69 m ³
1x	12.10 m	3.15 m	x	0.075 m	= 2.85 m ³
2x	8.35 m	2.95 m	x	0.075 m	= 4.06 m ³
2x	15.90 m	3.25 m	x	0.075 m	= 7.75 m ³
1x	20.30 m	2.30 m	x	0.075 m	= 3.50 m ³
1x	15.50 m	3.55 m	x	0.075 m	= 4.12 m ³
1x	7.95 m	2.50 m	x	0.075 m	= 1.49 m ³
2x	20.15 m	3.15 m	x	0.075 m	= 9.52 m ³
1x	9.90 m	3.25 m	x	0.075 m	= 2.41 m ³
2x	16.30 m	3.75 m	x	0.075 m	= 9.16 m ³
1x	11.60 m	2.45 m	x	0.075 m	= 2.13 m ³
1x	21.70 m	2.30 m	x	0.075 m	= 3.74 m ³
1x	6.75 m	2.50 m	x	0.075 m	= 1.26 m ³
2x	11.70 m	3.55 m	x	0.075 m	= 6.23 m ³
1x	12.00 m	2.50 m	x	0.075 m	= 2.25 m ³
1x	7.10 m	3.45 m	x	0.075 m	= 1.83 m ³
1x	6.40 m	3.05 m	x	0.075 m	= 1.37 m ³
2x	11.35 m	3.40 m	x	0.075 m	= 5.10 m ³
2x	16.40 m	3.10 m	x	0.075 m	= 7.62 m ³
1x	21.45 m	2.30 m	x	0.075 m	= 3.70 m ³
1x	17.50 m	3.35 m	x	0.075 m	= 4.39 m ³
2x	12.60 m	3.00 m	x	0.075 m	= 5.67 m ³
2x	11.30 m	3.65 m	x	0.075 m	= 6.18 m ³

Continuation

Qty C/O = 126.67 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty	R/P	126.67 m ²
2x	8.60 m	2.5 m	0.075 m		3.22 m ²
2x	7.25 m	2.45 m	0.075 m		2.88 m ²
2x	11.75 m	2.35 m	0.075 m		4.14 m ²
2x	15.30 m	3.25 m	0.075 m		7.45 m ²
2x	8.75 m	2.25 m	0.075 m		2.95 m ²
1x	11.60 m	2.35 m	0.075 m		2.04 m ²
2x	16.30 m	3.55 m	0.075 m		8.67 m ²
2x	13.50 m	2.90 m	0.075 m		5.87 m ²
1x	12.60 m	2.50 m	0.075 m		2.36 m ²
1x	7.60 m	3.15 m	0.075 m		1.67 m ²
2x	10.65 m	3.25 m	0.075 m		5.19 m ²
1x	11.50 m	2.00 m	0.075 m		1.72 m ²
2x	13.75 m	3.15 m	0.075 m		6.49 m ²
2x	9.75 m	3.25 m	0.075 m		4.75 m ²
2x	12.50 m	2.55 m	0.075 m		4.78 m ²
1x	18.00 m	3.55 m	0.075 m		4.39 m ²
2x	9.15 m	2.45 m	0.075 m		2.95 m ²
2x	21.80 m	1.30 m	0.075 m		4.25 m ²
2x	9.35 m	1.45 m	0.075 m		2.03 m ²
Total =					704.86 m ²
Qty limit =					2021.34 m ²

Continuation

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
⑥ PLV & applying primer coat with bitumen emulsion SS-1.					
①m {	Net Area = $\frac{204.34 \text{ m}^2}{0.075 \text{ m}}$				
	= 2724.53 m ²				
	Qty Work = 2724.51 m ²				
⑦ PLV & applying tack coat with bitumen emulsion PS-1					
Net Area of B.T.					
①m {	provision = Area of Prime coat				
	= 2724.51 m ²				
9m RCC portion,					
4 x 6.50 m x 3.75 m = 97.50 m ²					
6 x 5.00 m x 3.00 m = 90.00 m ²					
5 x 7.50 m x 2.50 m = 93.75 m ²					
Total = 3005.76 m ²					
⑧ PLV, tarring and rolling of close-graded porous surfacing material,					
Net Area = Area of Tack coat					
= 3005.76 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
9 ply and applying of truck coat with bituminous 25-1						
1m	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	20	30.10m	3.75m	2250.10m ²	
	1	13	30.10m	3.75m	1462.50	
	1	1	10.10m	3.75m	37.50	
	Total =				26250.10m ²	
10 ply & laying semi dense bituminous concrete a) per technical specification						
	1	20	30.10m	3.75m	0.075m	56.15m ³
	1	20	30.10m	3.75m	0.075m	56.15m ³
	1	20	30.10m	3.75m	0.075m	56.15m ³
	1	20	30.10m	3.75m	0.075m	56.15m ³
	1	20	30.10m	3.75m	0.075m	56.15m ³

Continuation Qty 4/0 = 281.25m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			6.75	B/F	281.25 m ²
1 x 70	x 30.10 m	x 3.75 m	x 0.025 m		= 56.25 m ²
1 x 70	x 30.10 m	x 3.75 m	x 0.025 m		= 56.25 m ²
1 x 70	x 30.10 m	x 3.75 m	x 0.025 m		= 56.25 m ²
1 x 70	x 30.10 m	x 3.75 m	x 0.025 m		= 56.25 m ²
1 x 70	x 30.10 m	x 3.75 m	x 0.025 m		= 56.25 m ²
1 x 70	x 30.10 m	x 3.75 m	x 0.025 m		= 56.25 m ²
1 x 12	x 30.10 m	x 3.75 m	x 0.025 m		= 36.56 m ²
1 x 1	x 10.10 m	x 3.75 m	x 0.025 m		= 0.93 m ²
			Total =		656.24 m ²

- (11) Plv & divy of Acc
MIS grade Kilometer
stones = 08 NOS.
- (12) Plv & divy of 200 m
stones = 28 NOS
- (13) Plv & divy of direction
& place identification
sign board
 $2 \times 1.20 \text{ m} \times 0.80 \text{ m} = 1.92 \text{ m}^2$
- (14) Plv & divy of retro
reflectors of traffic
sign board
600 mm equilateral triangles = 20 NOS

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15)	600mm Circular = 08 NOS				
(16)	600mm x 450mm rectangular = 08 Nos				
(17)	plv & fixing of RCC mis grade boundary pillars.				
At Culvert	14 x 8 NOS = 112 NOS				
At curve	7 x 2 x 4 NOS = 56 NOS				
	Total = 168 NOS				

(18) plv & fixing of typical mmkSY instrument box board with logo = 04 NOS

(19) plv & laying of hot applied thermoplastic compound 2.5 mm thick

Im	2x	20x30.10m	x 0.10m	= 120.10m ²
	2x	20x30.10m	x 0.10m	= 120.10m ²
	2x	20x30.10m	x 0.10m	= 120.10m ²
	2x	20x30.10m	x 0.10m	= 120.10m ²
	2x	20x30.10m	x 0.10m	= 120.10m ²
	2x	20x30.10m	x 0.10m	= 120.10m ²
	2x	20x30.10m	x 0.10m	= 120.10m ²

Continuation

Qty c/o = 840.10m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Qty BIF:		840.00 m ²
2 x 20 x 30.00 m x 0.10 m =					120.00 m ²
2 x 20 x 30.00 m x 0.10 m =					120.00 m ²
2 x 20 x 30.00 m x 0.10 m =					120.00 m ²
2 x 20 x 30.00 m x 0.10 m =					120.00 m ²
2 x 13 x 30.00 m x 0.10 m =					78.00 m ²
2 x 1 x 30.00 m x 0.10 m =					2.00 m ²
			Total =		1400.00 m ²
(20) Brick masonry work in ceiling mortar (1:3) in parabol					
H.P. column 14 Nos.					
14 x 2 x 3.00 m x 0.40 m x 0.60 m =					40.32 m ²
(21) plastering with ceiling mortar (1:4) on new surface					
outer side,					
14 x 2 x 6.00 m x 0.60 m =					100.80 m ²
inner side,					
14 x 2 x 6.00 m x 0.60 m =					100.80 m ²
Top, 14 x 2 x 6.00 m x 0.40 m =					67.20 m ²
Ends, 14 x 2 x 2 x 0.40 m x 0.60 m =					13.44 m ²
			Total =		282.24 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22) Painting the compound new surface					
outer sides					
14 x 2 x 6.10 m x 0.60 m =					100.80 m ²
inner sides					
14 x 2 x 6.10 m x 0.60 m =					100.80 m ²
Total					
14 x 2 x 6.10 m x 0.40 m =					67.20 m ²
Ends					
14 x 2 x 2 x 0.40 m x 0.60 m =					13.44 m ²
Total =					282.24 m ²
23) planting of trees by the road sides					
ch 0.00 km to 01.00 km =					56 No
ch 01.00 km to 02.00 km =					42 No
ch 02.00 km to 03.00 km =					50 No
ch 3.00 km to 4.00 km =					52 No
ch 4.00 km to 5.00 km =					48 No
ch 5.00 km to 6.00 km =					54 No
ch 6.00 km to 7.00 km =					48 No
Total =					350 No
05/04/21 (S.E) Ticket item checked & initialed (Kishore) 5/4/21 etc					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.B	21,67,188=
6 6. P.V. & applying Prime coat with bitumen emulsion SS-1					
2724.51 m ² , vide TMBP-12					
(a) Rs 41=50/m ² - Rs					1,13,067.00 + 1,14,312.50 Rs
7 7. P.V. & applying tack coat with bitumen emulsion RS-1					
3005.76 m ² , vide TMBP-12					
(a) Rs 14=07/m ² - Rs					42,291.00
8 8. P.V. Laying & rolling of close-graded fine & sandy material.					
3005.76 m ² , vide TMBP-12					
(a) Rs 225=69/m ² - Rs					6,78,370.00
9 9. P.V. & applying tack coat with bitumen emulsion RS-1					
26250.60 m ² , vide TMBP-12					
(a) Rs 12=23/m ² - Rs					3,21,037.00
				cto Rs	33,21,953.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B1A	RS	33,21,953
10/10. Plv & laying semi dense bituminous concrete as per technical specification					
656.125 m ² , vide TMBP-14					
(10) Rs 10883 = 15/m ² - B					71,42,067
11/11. Plv & fixing of RCC mis grade kibuchi stones					
08 Nos, vide TMBP-14					
(11) Rs 2258 = 99 / No - B					18,07,200
12/12. Plv & fixing of 200 mm stones					
28.00 Nos, vide TMBP-14					
(12) Rs 626287 / No - B					17,55,200
13/13. Plv & fixing of direction & place identification signboard					
1.92 m ² , vide TMBP-14					
(13) Rs 12333 = 36 / m ² - B					23,680 = 0
					40 Rs 1,05,23,324 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	RS 1,05,23,324	
$\frac{14}{14}$	PLV & B'ing of retro-reflectorisid traffic sign board				
	600m equilateral & triangle				
	20.00 Nos, vide TMBP-14				
	(a) RS 3640=77/No-B				72,815=0
$\frac{15}{15}$	600 m circle				
	08 Nos, vide TMBP-15				
	(a) RS 3340=12/No-B				29,921=0
$\frac{16}{16}$	600m x 450m rectangle				
	08 Nos, vide TMBP-15				
	(a) RS 3611=00/No-B				28,888=0
$\frac{17}{17}$	PLV & B'ing of RCC				
	MIS grade boundary pillars				
	168 Nos, vide TMBP-15				
	(a) RS 504=19/No-B				84,704=0
$\frac{18}{219}$	PLV & B'ing of typical mmLSY				
	informal sign board with logo				
	04 Nos, vide TMBP-15				
	(a) RS 9309=86/No-B				37,239=0

Continuation

40 RS 1,07,76,891=0

0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			R/F	RS 1	07,76,891 = ∞
<u>19</u> 20	Plv & Laying of hot applied thermo- plastic compound 2.5 mm thick				
	1400.00 m ²	side Tmp-16			
	⑥ RS 735 = 40/m ² - RS				10,29,560 = ∞
<u>20</u> 22	Brick masonry work 1m cm (1:3) in parapet wall.				
	4032 m ²	side Tmp-16			
	⑥ RS 5102 = 55/m ² - RS				2,05,735 = ∞
<u>21</u> 23	Plastering with 1 cm (1:4) on new surface				
	282.24 m ²	side Tmp-16			
	⑥ RS 145 = 83/m ² - RS				41,159 = ∞
<u>22</u> 24.	Painting two coats on new surface				
	282.24 m ²	side Tmp-17			
	⑥ RS 95 = 63/m ² - RS				26,991 = ∞
<u>23</u> 19	Planting of trees by the road side				
	350.00 Nos	side Tmp-17			
	⑥ RS 800 = 30/m ² - RS				2,80,105 = ∞
			C/O	RS 1	22,60,441 = ∞

Continuation

Continuation