

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया, (पूर्वी चम्पारण)।

पत्रांक: 594/अनु0 / चकिया, दिनांक: 10/04/2023

प्रेषक

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, चकिया।

सेवामे,

अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव,
बिहार ग्रामीण पथ विकास एजेंसी,
ग्रामीण कार्य विभाग, बिहार, पटना।

विषय- विभाग के नई निति रख-रखाव 2018 M.R (3054) योजना के अन्तर्गत निर्माणाधीन कार्य के लिए निधि उपलब्ध कराने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में विभाग के नई निति रख-रखाव 2018 M.R (3054) योजना के अन्तर्गत निर्माणाधीन कार्य के लिए पथवार मांगी जाने वाली आवंटन की सूची पत्र के साथ भवदीय के अवलोकनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित की जा रही है।

अतः संलग्न सूची के अनुसार आवंटन उपलब्ध कराने की कृपा की जाय।

- अनु0:- 1. आवंटन की सूची।
2. मापी पुस्त की छाया प्रति।
3. Bump Test Integrator Machine

विश्वासभाजन,

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल-चकिया।

ज्ञापांक- 594 दिनांक- 10-04-2023

प्रतिलिपि-नोडल पदाधिकारी (3054), ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु समर्पित।

- अनु0:- 1. आवंटन की सूची।
2. मापी पुस्त की छाया प्रति।
3. Bump Test Integrator Machine

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल-चकिया।

**OFFICE OF THE EXECUTIVE ENGINEER,
RURAL WORKS DEPARTMENT, WORKS DIVISION, Chakia.**

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

Name of Works Division : Chakia

SI No.	Package No.	Name of Road	Project ID as per MIS	Administrative Approval (AA) Latter 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 Allocated Amount (in lakh)	up-to-date expenditure as per MIS (in Lakh)	Requisition against work done. (in Lakh)	Remarks
					Length (In Km)	Amount of (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/20-21Chakia/01 (RM/EA/CHA/20/001)	Pipra NH-28 to Kalyanpur Road	31708204080	Latter No.2496 Date- 30.07.2020	9.100	422.23200	325.74934	64.33389	21 MBD/2020-21 Date- 24.11.2020	05.11.2022	In Progress	2257.51	25	05.00	216.66712	216.66712	39.03962	Work in Progress
					9.100	422.23200	325.74934	64.33389							216.66712	216.66712	39.03962	

1 Signed Hard Copy and Soft Copy (in excel) of recorded IRI is enclosed.

2 Up-to-date Physical Progress has been uploaded in MIS.



Executive Engineer,
Rural Works Department,
Works Division, Chakia

23/10/23

4th on a/c bill
Name of work - M/R to road from NH-28 to Kalyanpur road under M/R-3054
Agency - Vegay Gero (Reg. no. 1170152), At - Gram + P.O. - Shitalpur, P.S. - Chauria Dist. - East Champaran
Ag. No. - 2015/20/2020-21
Date of work order - 24.11.2020
Contract date of completion
Measurement of work (1) Earth work on excavation



Abstract of Cost		
① Clearing & grubbing of road land	Qty. vide T.M.B. P. 38	
0.90 Ha. @ Rs. 52,970.40/Ha		Rs. 47,673.60
② Construction of Subgrade & earthen shoulders	Qty. vide T.M.B. P. 38	
3036.60 m ³ @ Rs. 192.04/m ³		Rs. 5,83,149.04
③ Construction of GSB Gr. II	Qty. vide T.M.B. P. 38	
952.26 m ³ @ Rs. 205.82/m ³		Rs. 1,96,720.00
④ Providing, laying & spreading & compacting of WBM Gr. II	Qty. vide T.M.B. P. 39	
Continuation		

Continuation

Continuation
C.A. Total Rs 19,76,720 =

B.F. Rs. 19767202

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
101.39 m ³ @ Rs. 3610.84/m ³					Rs. 3661032
⑤ Providing, laying, spreading & compacting WBM Tr. II					
Qty. vide T.M. B. P. 39					
173.85 m ³ @ Rs. 3353.78/m ³					Rs. 5820552
⑥ Providing & applying Primer Coat with bitumen emulsion (SS-1)					
Qty. vide T.M. B. P. 39					
2318.60 m ² @ Rs. 42.95/m ²					Rs. 995582
⑦ Providing & applying of tack coat with bitumen emulsion (RS-1)					
Qty. vide T.M. B. P. 39					
26693.60 m ² @ Rs. 14.40/m ²					Rs. 3844872
⑧ Providing, laying & rolling of MSS over WBM Tr. III					
Qty. vide T.M. B. P. 39					
2318.60 m ² @ Rs. 208.93/m ²					Rs. 4840682
⑨ Providing & laying Semi dense bituminous concrete					
Qty. vide T.M. B. P. 39					
699.04 m ³ @ Rs. 10848.45/m ³					Rs. 75835002
⑩ Construction of un-reinforced P.C.C. Pavement					
Qty. vide T.M. B. P. 40					
1007.865 m ³ @ Rs. 6978.33/m ³					Rs. 70304932
⑪ Providing & laying of hot applied					
Continuation					
C.D. Total					Rs. 191908062

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
thermoplastic compound					
Qty. Vide T.M. B. P. 40					
1540.00 m ² @ Rs. 721.95/m ²					Rs. 11,11,803.2
(12) Providing & laying of hot applied thermoplastic compound					
Qty. Vide T.M. B. P. 40					
280.00 m ² @ Rs. 808.52/m ²					Rs. 2,26,386.2
(13) Earth work in excavation for structure					
Qty. Vide T.M. B. P. 43					
630.00 m ³ @ Rs. 279.01 279.09/m ³					Rs. 1,75,925.2 1,75,925.2
(14) Laying brick Soling layer on prepared sub grade					
Qty. Vide T.M. B. P. 43					
600 m ² @ Rs. 284.44/m ²					Rs. 1,70,664.2
(15) Supplying, fitting & placing HYSD bar reinforcement					
Qty. Vide T.M. B. P. 44					
13.392 m.T. @ Rs. 51549.34/m.T.					Rs. 6,90,349.2
(16) Providing R.C.C. in open foundation					
Qty. Vide T.M. B. P. 45					
90.00 m ³ @ Rs. 6894.72/m ³					Rs. 6,20,525.2
(17) Providing R.C.C. in open foundation					
Qty. Vide T.M. B. P. 45					

Continuation

C.I.O. Total Rs. 2,21,86,360.2

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
108.00 m ³ @ Rs. 68	94.72	1	m ³		Rs. 7,44,630=
(18) R.C.C.M - 25 in. Sub Structure					
Qty. Vide T.M. B. P. 45					
72.00 m ³ @ Rs. 66	12.64	1	m ³		Rs. 4,76,110=
(19) Plastering with C.M. (1:4)					
Qty. Vide T.M. B. P. 46					
720.00 m ² @ Rs. 17	1.35	1	m ²		Rs. 1,23,372=
(20) Neat cement Plastering					
Qty. Vide T.M. B. P. 46					
1080.00 m ² @ Rs. 27.90	1	m ²			Rs. 30,132=
(21) Sand filling in foundation trenches					
Qty. Vide T.M. B. P. 38					
1079.10 m ³ @ Rs. 442.52	1	m ³			Rs. 4,77,523=
(22) R.C.C. 15 gr. Kilmesh Stone					
Qty. Vide T.M. B. P. 46					
(i) 5 km. Stone - 2 Nos.					
@ Rs. 3850 51 each					Rs. 7701=
(ii) km. Stone - 8 Nos.					
@ Rs. 2309.39 each					Rs. 184752=
(iii) 2 km. Stone - 38 Nos.					
@ Rs. 625.50 each					Rs. 237692=
(23) Retro reflectorised traffic Signs					
Qty. Vide T.M. B. P. 46					
(i) 600 mm. equilateral triangle					

Continuation
C.O. Total Rs. 2,40,88,072=

	Total	Rs. 2,42,27960=
Add 1% Labour cess (+)	Rs. 2,42,280=	
Add 12% GST	Rs. 290,73552=	
	Total	Rs. 2,73,78,5952=
Less 6.60% below (-)	Rs. 18,06,9212=	
	Rs. 2,55,70,674=	
Less Previous Payment		
vide T.M. B.P. 40 (-)	Rs. 2,16,66,712=	
	Rs. 39,03,962=	
		<i>[Signature]</i>
<i>[Signature]</i> 14/11/2022 S.E.	<i>[Signature]</i> 28/03/23 H.E.	<i>[Signature]</i>
C/S <i>[Signature]</i> 28/3/23 S.E.		<i>[Signature]</i> 10/04/2023 C.A.

Continuation

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRITEGORY mm/km	Latitude	ongitude	Event
ROAD NAME -NH-28 PIPRA TO KALYANPUR										
23/ 1/ 21	14: 20: 24	98	0.1	310	0	3100	2926 G	26.43675	84.93032	Normal
23/ 1/ 21	14: 20: 24	98	0.1	360	20.2	3600	3361 G	26.43706	84.93123	Normal
23/ 1/ 21	14: 20: 24	98	0.1	340	20.2	3400	3187 G	26.43739	84.93217	Normal
23/ 1/ 21	14: 21: 0	98	0.1	270	20.2	2700	2579 G	26.43772	84.93311	Normal
23/ 1/ 21	14: 21: 0	98	0.1	300	20.2	3000	2839 G	26.43802	84.93404	Normal
23/ 1/ 21	14: 21: 35	98	0.1	280	30.3	2800	2666 G	26.43833	84.93495	Normal
23/ 1/ 21	14: 21: 35	98	0.1	170	30.3	1700	1710 G	26.43867	84.93593	Normal
23/ 1/ 21	14: 22: 0	98	0.1	180	30.3	1800	1797 G	26.43898	84.93682	Normal
23/ 1/ 21	14: 22: 9	98	0.1	180	30.3	1800	1797 G	26.43933	84.93783	Normal
23/ 1/ 21	14: 22: 9	98	0.1	180	30.3	1800	1797 G	26.43965	84.93872	Normal
23/ 1/ 21	14: 22: 9	98	0.1	170	30.3	1700	1710 G	26.44	84.93966	Normal
23/ 1/ 21	14: 22: 44	98	0.1	260	30.3	2600	2492 G	26.44037	84.94062	Normal
23/ 1/ 21	14: 22: 44	98	0.1	230	30.3	2300	2231 G	26.44071	84.94152	Normal
23/ 1/ 21	14: 23: 0	98	0.1	190	30.3	1900	1883 G	26.44107	84.94246	Normal
23/ 1/ 21	14: 23: 20	98	0.1	230	30.3	2300	2231 G	26.44145	84.94333	Normal
23/ 1/ 21	14: 23: 20	98	0.1	300	10.1	3000	2839 G	26.44203	84.94416	Normal
23/ 1/ 21	14: 24: 0	98	0.1	310	10.1	3100	2926 G	26.4427	84.94483	Normal
23/ 1/ 21	14: 24: 0	98	0.1	210	20.2	2100	2057 G	26.44346	84.94537	Normal
23/ 1/ 21	14: 24: 30	98	0.1	180	30.3	1800	1797 G	26.44418	84.94591	Normal
23/ 1/ 21	14: 24: 30	98	0.1	170	30.3	1700	1710 G	26.44493	84.94648	Normal
23/ 1/ 21	14: 24: 30	98	0.1	140	30.3	1400	1449 G	26.44547	84.94734	Normal
23/ 1/ 21	14: 24: 30	98	0.1	160	30.3	1600	1623 G	26.44606	84.9481	Normal
23/ 1/ 21	14: 25: 5	98	0.1	180	30.3	1800	1797 G	26.44673	84.94874	Normal
23/ 1/ 21	14: 25: 5	98	0.1	210	20.2	2100	2057 G	26.44743	84.94946	Normal
23/ 1/ 21	14: 25: 41	98	0.1	160	30.3	1600	1623 G	26.44807	84.95015	Normal
23/ 1/ 21	14: 26: 0	98	0.1	180	10.1	1800	1797 G	26.44873	84.95086	Normal
23/ 1/ 21	14: 26: 16	98	0.1	210	20.2	2100	2057 G	26.44936	84.95155	Normal
23/ 1/ 21	14: 26: 16	98	0.1	140	30.3	1400	1449 G	26.45002	84.95224	Normal
23/ 1/ 21	14: 26: 16	98	0.1	150	30.3	1500	1536 G	26.45066	84.9529	Normal
23/ 1/ 21	14: 26: 51	98	0.1	160	30.3	1600	1623 G	26.45132	84.9536	Normal

$$Y = 0 * X^2 + 0.869 * X + 232.9$$

$$X = 2111$$

$$Y = 2067$$

(R) RURAL ROAD

Good <4000
Average 4001-5000
Poor >5001

3mg Cars
25/8/21
J.E.

23/1/21	14:27:0	98	0.1	220	20.2	2200	2144 G	26.45195	84.95428	Normal
23/1/21	14:27:0	98	0.1	210	30.3	2100	2057 G	26.45262	84.95497	Normal
23/1/21	14:27:27	98	0.1	160	30.3	1600	1623 G	26.45327	84.95567	Normal
23/1/21	14:27:27	98	0.1	210	30.3	2100	2057 G	26.45394	84.95638	Normal
23/1/21	14:27:27	98	0.1	170	30.3	1700	1710 G	26.45458	84.95705	Normal
23/1/21	14:28:2	98	0.1	180	30.3	1800	1797 G	26.45522	84.95776	Normal
23/1/21	14:28:2	98	0.1	140	30.3	1400	1449 G	26.45588	84.95845	Normal
23/1/21	14:28:2	98	0.1	170	30.3	1700	1710 G	26.45653	84.95916	Normal
23/1/21	14:28:2	98	0.1	150	30.3	1500	1536 G	26.45719	84.95988	Normal
23/1/21	14:28:37	98	0.1	180	30.3	1800	1797 G	26.45783	84.96056	Normal
23/1/21	14:29:0	98	0.1	240	30.3	2400	2318 G	26.45853	84.9613	Normal
23/1/21	14:29:12	98	0.1	380	10.1	3800	3535 G	26.45913	84.96195	Normal
23/1/21	14:29:12	98	0.1	290	20.2	2900	2752 G	26.4599	84.96256	Normal
23/1/21	14:30:0	98	0.1	280	20.2	2800	2666 G	26.46073	84.963	Normal
23/1/21	14:30:23	98	0.1	270	20.2	2700	2579 G	26.46154	84.96343	Normal
23/1/21	14:30:23	98	0.1	250	10.1	2500	2405 G	26.46232	84.96389	Normal
23/1/21	14:31:0	98	0.1	260	20.2	2600	2492 G	26.46314	84.96433	Normal
23/1/21	14:31:0	98	0.1	280	20.2	2800	2666 G	26.46393	84.9648	Normal
23/1/21	14:31:34	98	0.1	250	20.2	2500	2405 G	26.46477	84.96527	Normal
23/1/21	14:31:34	98	0.1	230	20.2	2300	2231 G	26.46552	84.96571	Normal
23/1/21	14:32:0	98	0.1	210	30.3	2100	2057 G	26.46637	84.96621	Normal
23/1/21	14:32:9	98	0.1	210	20.2	2100	2057 G	26.46716	84.97	Normal
23/1/21	14:32:9	98	0.1	260	20.2	2600	2492 G	26.46797	84.96715	Normal
23/1/21	14:32:9	98	0.1	270	20.2	2700	2579 G	26.46878	84.96761	Normal
23/1/21	14:32:44	98	0.1	190	30.3	1900	1883 G	26.46955	84.96806	Normal
23/1/21	14:33:0	98	0.1	210	30.3	2100	2057 G	26.47037	84.96852	Normal
23/1/21	14:33:19	98	0.1	290	10.1	2900	2752 G	26.47119	84.96901	Normal
23/1/21	14:33:55	98	0.1	390	10.1	3900	3621 G	26.47194	84.96944	Normal
23/1/21	14:34:0	98	0.1	250	20.2	2500	2405 G	26.47276	84.96992	Normal
23/1/21	14:41:33	98	0.1	250	0	2500	2405 G	26.4736	84.97042	Normal
23/1/21	14:42:9	98	0.1	290	10.1	2900	2752 G	26.4744	84.97086	Normal
23/1/21	14:42:44	98	0.1	320	10.1	3200	3013 G	26.47517	84.97133	Normal
23/1/21	14:43:19	98	0.1	240	10.1	2400	2318 G	26.47599	84.9718	Normal

3000
25/9/21
J.E.

23/1/21	14:44:30	98	0.1	300	0	3000	2839 G	26.47676	84.97229	Normal
23/1/21	14:45:0	98	0.1	270	10.1	2700	2579 G	26.47751	84.97286	Normal
23/1/21	14:45:5	98	0.1	310	20.2	3100	2926 G	26.47822	84.97337	Normal
23/1/21	14:45:5	98	0.1	220	20.2	2200	2144 G	26.47898	84.97397	Normal
23/1/21	14:45:40	98	0.1	290	20.2	2900	2752 G	26.4797	84.97453	Normal
23/1/21	14:45:40	98	0.1	240	20.2	2400	2318 G	26.48046	84.9751	Normal
23/1/21	14:47:26	98	0.1	240	0	2400	2318 G	26.48124	84.97572	Normal
23/1/21	14:48:1	98	0.1	290	20.2	2900	2752 G	26.48198	84.9763	Normal
23/1/21	14:48:1	98	0.1	210	20.2	2100	2057 G	26.48274	84.97687	Normal
23/1/21	14:48:1	98	0.1	250	20.2	2500	2405 G	26.48346	84.97741	Normal
23/1/21	14:48:37	98	0.1	250	20.2	2500	2405 G	26.48421	84.97798	Normal
23/1/21	14:49:0	98	0.1	260	20.2	2600	2492 G	26.48498	84.97855	Normal
23/1/21	14:49:12	98	0.1	150	30.3	1500	1536 G	26.48573	84.97914	Normal
23/1/21	14:49:12	98	0.1	180	20.2	1800	1797 G	26.48646	84.9797	Normal
23/1/21	14:49:12	98	0.1	280	20.2	2800	2666 G	26.48722	84.98027	Normal
23/1/21	14:50:0	98	0.1	260	20.2	2600	2492 G	26.48763	84.98057	Normal
TOTAL							178344			
AVERAGE							2257.51			

3 May 2021
25/8/21
J.E.

कायपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया