

कार्यपालक अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य प्रमण्डल, हिलसा (नालन्दा)।

Email:- ee.hilsa.rwd@gmail.com

पत्र संख्या 650

हिलसा/दिनांक 04/05/2021

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, हिलसा।

सेवा में,

नोडल पदाधिकारी,
MR 3054,
ग्रामीण कार्य विभाग, बिहार, पटना।

विषय:- नई अनुरक्षण निति 2018 शीर्ष के अंतर्गत वित्तीय वर्ष 2020-21 में व्यय हेतु
आवंटन की मांग।

महाशय,

उपर्युक्त विषयक नई अनुरक्षण निति 2018 शीर्ष के अंतर्गत वित्तीय वर्ष 2020-21 में व्यय हेतु संलग्न विवरणी के अनुसार रू0 399.72446 (रू0 तीस करोड़ नीनानवे लाख बहत्तर हजार चार सौ छियालीस मात्र) रुपये का आवंटन उपलब्ध कराने की कृपा की जा ताकि किये गये कार्यों का भुगतान किया जा सके।

अनु:- यथोक्त।

विश्वासभाजन


4.5.2021

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, हिलसा।

Requisition Formate for Scheme Head - MR(3054) under Bihar Rural Road Maintenance Policy - 2018 (Initial Rectification and Surface Renewal)
Name of Works Division :- Hilsa

SI No.	Package No.	Name of Road	Project ID as per MIS	Administ rative 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 Allocated Amount (in Lakh)	up-to-date expenditu re 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	RM/NA/HIL/ 19/0004	Ekamagar-Bihar Rd. to Dhangawan	1020080625	1826/24. 06.2019	3.770	114.27800	141.60149	34.56406	31/MBD/20 19-20	07.07.2020	30.04.2021	3177	25.00	5.00	0.00	0.00	141.06149	Complete
2	RM/NA/HIL/ 19/0004	Ekamagar-Bihar Rd. to Kasisa	10200802029	1826/24. 06.2019	3.210	60.98600	78.07956	28.27604	31/MBD/20 19-20	07.07.2020	02.04.2021	3560	25.00	5.00	0.00	0.00	78.07956	Complete
3	RM/NA/HIL/ 19/0001	Islampur silho road to bele via jatpur	1281010294	539/ 08.02.19	5.303	200.57100	180.04341	46.08200	20/MBD/20 19-20	02.12.2020	14.04.2021	3482	25.00	5.00	0.00	0.00	180.04341	Complete
TOTAL																	399.72446	

- Signed Hard Copy and Soft Copy (in Excel) of recorded IRI is enclosed.
- Up-to-date Physical Progress has been uploaded in MIS.


 Executive Engineer
 RWD, Works Division,
 Hilsa

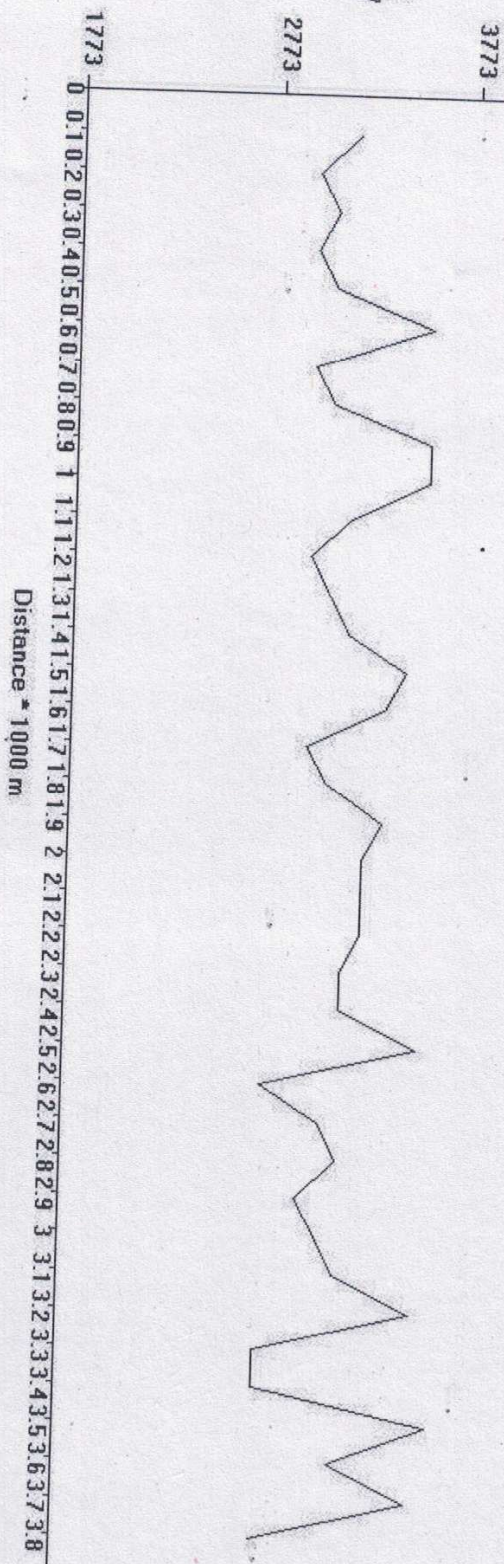
CONT. NAME:-M/S MAGADH ENGINEERING WORKS
ROAD NAME:-EKANGARSARAI BIHAR ROAD TO DHURGAO

Date	Time	Section No.	Length in km	Bumps in mm.	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
30/4/21	9:12:53	31	0.1	270	10.1	2700	3167 G		25.216518	85.274343	Normal
30/4/21	9:13:0	31	0.1	250	10.1	2500	2970 G		25.217408	85.274208	Normal
30/4/21	9:13:29	31	0.1	260	10.1	2600	3069 G		25.218287	85.27446	Normal
30/4/21	9:14:0	31	0.1	250	10.1	2500	2970 G		25.218925	85.274645	Normal
30/4/21	9:14:4	31	0.1	260	10.1	2600	3069 G		25.219807	85.274443	Normal
30/4/21	9:14:4	31	0.1	310	20.2	3100	3561 G		25.220763	85.274393	Normal
30/4/21	9:14:39	31	0.1	250	10.1	2500	2970 G		25.221593	85.274645	Normal
30/4/21	9:15:15	31	0.1	260	10.1	2600	3069 G		25.22252	85.274662	Normal
30/4/21	9:15:15	31	0.1	310	20.2	3100	3561 G		25.223448	85.27473	Normal
30/4/21	9:16:0	31	0.1	270	10.1	2700	3167 G		25.225282	85.274747	Normal
30/4/21	9:16:25	31	0.1	250	10.1	2500	2970 G		25.225555	85.27547	Normal
30/4/21	9:16:25	31	0.1	260	10.1	2600	3069 G		25.225955	85.27648	Normal
30/4/21	9:17:0	31	0.1	300	20.2	3000	3462 G		25.22689	85.27739	Normal
30/4/21	9:17:36	31	0.1	290	10.1	2900	3364 G		25.227302	85.278063	Normal
30/4/21	9:18:0	31	0.1	250	10.1	2500	2970 G		25.228203	85.278298	Normal
30/4/21	9:18:11	31	0.1	290	20.2	2900	3364 G		25.23003	85.278602	Normal
30/4/21	9:19:0	31	0.1	280	20.2	2800	3265 G		25.23097	85.278635	Normal
30/4/21	9:19:0	31	0.1	280	20.2	2800	3265 G		25.231892	85.278737	Normal
30/4/21	9:19:21	31	0.1	270	20.2	2700	3167 G		25.23279	85.278618	Normal
30/4/21	9:20:0	31	0.1	220	10.1	2200	3167 G		25.234538	85.278147	Curve
30/4/21	9:20:32	31	0.1	230	10.1	2300	2773 G		25.235398	85.277978	Normal
30/4/21	9:21:0	31	0.1	260	10.1	2600	3069 G		25.236313	85.277845	Normal
30/4/21	9:21:7	31	0.1	270	10.1	2700	3167 G		25.237063	85.277322	Normal
30/4/21	9:21:7	31	0.1	270	10.1	2700	3167 G		25.237505	85.276632	Normal

Date	Time	Section No.	Length in km	Bumps in mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
30/4/21	9:21:43	31	0.1	250	10.1	2500	2970	G	25.237915	85.276043	Normal
30/4/21	9:22:0	31	0.1	260	10.1	2600	3069	G	25.238888	85.27606	Normal
30/4/21	9:22:18	31	0.1	270	10.1	2700	3167	G	25.239535	85.276548	Normal
30/4/21	9:22:18	31	0.1	220	10.1	3099	3560	G	25.240448	85.27673	Normal
30/4/21	9:23:0	31	0.1	230	10.1	2300	2773	G	25.241288	85.276902	Normal
30/4/21	9:23:0	31	0.1	230	10.1	2300	2773	G	25.242182	85.277103	Normal
30/4/21	9:23:28	31	0.1	320	10.1	3200	3659	G	25.24278	85.277508	Normal
30/4/21	9:24:4	31	0.1	270	10.1	2700	3167	G	25.242715	85.278518	Normal
30/4/21	9:24:39	31	0.1	220	10.1	3099	3560	G	25.242605	85.279343	Normal
30/4/21	9:24:39	31	0.07	230	10.1	2300	2773	G	25.242605	85.279343	Normal
AVERAGE							3177				

6 July
4.5.1021

File : C:\Users\DELL\Desktop\Bump\04.05.21\30040925.Xls Section No. : 31, Egn. test
 Name of Customer : M/S MAGADH ENGINEERING WORKS, Name of Work/ Road : EKANGARSARAI BIHAR ROAD



(Ministry of Rural Work Department, Govt. of Bihar)

NEW MAINTENANCE POLICY 2018

Bill of Quantities(Revised)

Road Name :-	Ekangarsarai-Bihar To Dhurgawn				
Length of Road	3770M	BLOCK :-	Ekangarsarai		
		DISTRICT :-	Nalanda		
S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and	0.943	Cum	47488.850	44758.24
2	Scarifying Existing Bituminous Surface to a Depth of 150 mm and disposal disposal of scarified materials with a lift upto 3m and lead upto 1000m as per technical specification clause 301.4	7775.625	Sqm	15.370	119511.36
3	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the site spreading , grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m & 100 m as per Technical Specification Clause 301.5 . (Including Royalty & Labour Cess).				0.00
4	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	2299.700	Cum	161.320	370987.60
5	Granular Sub-base with Well Graded Material-Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	439.470	Cum	1757.130	772205.92
6	WBM Grading2 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required	233.270	Cum	2567.870	599007.03
7	WBM Grading 3 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405.	1060.310	Cum	2702.970	2865986.12

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
8	Prime Coat Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical Specification Clause 502	14420.250	Sqm	41.990	605506.30
9	Tack Coat-Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with primer and cleaned with hydriloc broom as per technical specification clause 503.	28557.750	Sqm	14.410	411517.18
10	Mix Seal Surfacing-Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN	14420.250	Sqm	181.880	2622755.07
11	Semi-Dense Bituminous Concrete -Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the	353.440	Cum	8949.350	3163058.26
12	Boundary Pillar-Reinforced cement concrete M15 grade boundary pillar/local stone of standard design as per IRC:25 fixed in position including finishing and lettering but excluding painting as per drawing and technical specification.	66.000	Cum	477.000	31482.00
13	Kilometre stone Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703.				0.00
14	ii) Km stone	2.000	Each	2025.220	4050.44
15	iii) 200 m stone	6.000	Each	582.090	3492.54
16	Traffic sign A. Retro Reflectorised Traffic signs-Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly				0.00
17	600 mm equilateral & triangle,	2.000	Each	3582.120	7164.24
18	600 mm circular ,	2.000	Each	4740.230	9480.46
19	800 mm x 600 mm rectangular,	3.000	Each	6670.410	20011.23
20	600 mm x 450 mm rectangular,	3.000	Each	4643.720	13931.16

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
21	Planting of Trees and their Maintenance for one Year-Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard / sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	251.000	Each	778.450	195390.95
22	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface-Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	754.000	Sqm	735.350	554453.90
23	Providing and Fixing 'Logo' of Project - Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat	3.000	Each	8996.960	26990.88
24	Plastering with cement mortar(1:4) on brick work in sub structure as per technical specifications	8.640	Sqm	6463.630	55845.76
25	Providing PCC M-20 architectural coping on the top of wing wall, return wall etc complete as per drawing and technical specification clause 615, 710 and 1204.3.11	36.000	m	365.480	13157.28
26	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	60.480	Sqm	168.470	10189.07
27	Painting Two Coats on New/Concrete Surface- Painting Two Coats including primer coat after filling the surface with synthetic enamel paint	175.680	Sqm	93.590	16441.89
28	Total (A)				12537374.89
29	GST@12%				1504484.99
30	Labour Cess @ 1%				125373.75
31	Sub Total(A)				14167233.62
32	Total Cost of Maintenance	20.000	Quarterly	1,72,906.80	3458136.00
33	Total (B)				3458136.00
34	GST@12%				414976.32
35	Labour Cess @ 1%				34581.36
36	Sub Total(B)				3907693.68
37	Grand Total (A+B)				18074927.30
Total BOQ Cost					18074927.00