

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

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

पत्र संख्या 452

हिलसा/दिनांक 18-03-2021

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 146.23496 (रू0 एक करोड़ छियालीस लाख तैईस हजार चार सौ छियानवें मात्र) रुपये का आवंटन उपलब्ध कराने की कृपा की जा ताकि किये गये कार्यों का भुगतान किया जा सके।

अनु:- यथोक्त।

विश्वासभाजन

18-3-2021

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	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				
																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/19/0001	Istampur Gaya road to Gattu	10105201	3517/22.0 9.20	1.075	73.71000	62.66803	8.54040	20/MBD/20 19-20	03.07.20	17.03.2021	2843	25.00	5.00	0.00	0.00	62.66803	Surface Complete	
2	RM/NA/HIL/19/0001	Kobil Telhara Road to shekhadullah road via mujaffara	10200901006	539/ 08.02.19	3.050	98.63800	83.56693	25.98177	20/MBD/20 19-20	03.07.20	17.03.2021	2979	25.00	5.00	0.00	0.00	83.56693	Surface Complete	
TOTAL																		146.23496	
1 Signed Hard Copy and Soft Copy (in Excel) of recorded IRI is enclosed.																			
2 Up-to-date Physical Parameters have been updated as per the latest survey.																			

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

6/11/2021
18.03.2021
Executive Engineer
RWD, Works Division,
Hilsa

FORM GFR 19-A

(See Government of India's Decision (I) below Rule-150)

Form of Utilization Certificate up to the Date 18th March-2021

RWD, Works Division ,Hilsa

Sl.No	Name of Scheme	Sanction No. & Date with Amount (in lacs Rs.)	Amount Received (in lacs Rs.)	Particulars
1	Construction of Rural roads under Maint.Policy 2018		1734.44345	Certified that out of Rs. 1734.44345 lacs of grants-in-aid sanctioned during the years 2019-20 in favors of E-in-C, RWD Bihar, Patna a sum of Rs. 1553.46000 lacs has been utilized for the purpose of Maint.Policy 2018 Schemes as given in the margin for which it was sanctioned and that the balance of Rs.107.19874 Lacs remaining unutilized at the end of the period under report.
	Total :	Total -	1734.44345	

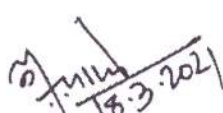
2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/ are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kind of Checks exercised : -

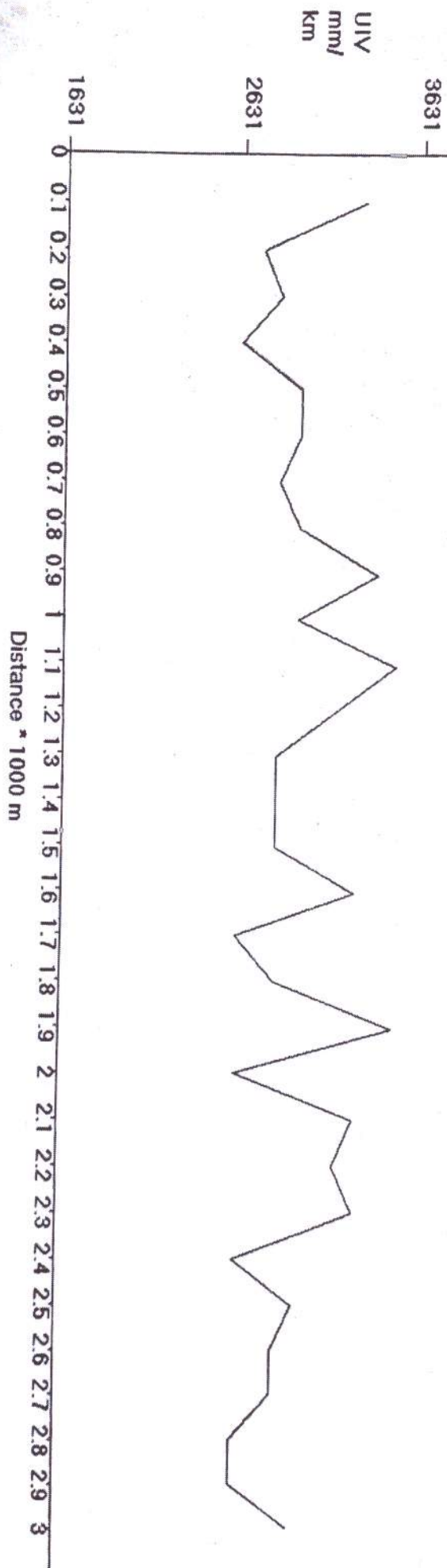
- Works have been supervised by Executive Engineer/ Superintending Engineer.
- Periodical inspection has been conducted by Executive Engineer/ Superintending Engineer.
- Construction materials have been tested.
- Measurements have been recorded in the MBs and test check conducted by the Assistant Engineer/ Executive Engineer.
- All other codal formalities have been observed.

3. **Physical Progress achieved :-**

- Construction of Road Works.
- Construction of CD works


18.3.2021
Executive Engineer
RWD (W), Hilsa

File : C:\Users\ADMIN\Desktop\IT\final.Xls. Section No. : 79. Eqn : $Y = 0 \cdot X^2 + 1.136 \cdot X + 132.5$
 Name of Customer : M/S Magadh Engineering Works. Name of Work/ Road : Kobil Telhara Road to Shekhabdullah Road via



Print

ROAD NAME -Kobil Telhara Road to Shekhabdullah Road via Mujaffara
CONT. NAME-M/S Magadh Engineering Works

Date	Time	Section No.	Length In km	Bumps In mm	Speed Rate	OR mm/km	IRI mm/km	CATEGORY ROAD	Latitude	Longitude	Event
18/3/21	4:44:0	79	0.1	280	0	2800	3313	G	25.165385	85.207	Normal
18/3/21	4:44:35	79	0.1	230	10.1	2300	2745	G	25.165513	85.205673	Normal
18/3/21	4:45:0	79	0.1	240	10.1	2400	2858	G	25.165688	85.20468	Normal
18/3/21	4:45:9	79	0.1	220	10.1	2200	2631	G	25.165875	85.20367	Normal
18/3/21	4:45:45	79	0.1	250	10.1	2500	2972	G	25.16596	85.202658	Normal
18/3/21	4:46:0	79	0.1	250	10.1	2500	2972	G	25.166153	85.201835	Normal
18/3/21	4:46:20	79	0.1	240	10.1	2400	2858	G	25.166915	85.20175	Normal
18/3/21	4:46:20	79	0.1	250	10.1	2500	2972	G	25.167155	85.200773	Normal
18/3/21	4:47:0	79	0.1	290	10.1	2900	3426	G	25.167668	85.199965	Normal
18/3/21	4:47:31	79	0.1	250	10.1	2500	2972	G	25.168257	85.199123	Normal
18/3/21	4:47:31	79	0.1	300	10.1	3000	3540	G	25.168593	85.198215	Normal
18/3/21	4:48:6	79	0.1	270	10.1	2700	3199	G	25.168857	85.197738	Normal
18/3/21	4:48:6	79	0.1	240	10.1	2400	2858	G	25.169132	85.196278	Normal
18/3/21	4:48:41	79	0.1	240	10.1	2400	2858	G	25.169318	85.195302	Normal
18/3/21	4:49:16	79	0.1	240	10.1	2400	2858	G	25.170023	85.19502	Normal
18/3/21	4:50:0	79	0.1	280	10.1	2800	3313	G	25.169893	85.194192	Normal
18/3/21	4:50:27	79	0.1	220	10.1	2200	2631	G	25.17068	85.194073	Normal
18/3/21	4:51:38	79	0.1	240	10.1	2400	2858	G	25.171148	85.19342	Normal
18/3/21	4:52:0	79	0.1	300	10.1	3000	3540	G	25.171408	85.192473	Normal
18/3/21	4:52:13	79	0.1	220	10.1	2200	2631	G	25.171723	85.191532	Normal
18/3/21	4:52:13	79	0.1	280	20.2	2800	3313	G	25.171998	85.190555	Normal
18/3/21	4:52:48	79	0.1	270	20.2	2700	3199	G	25.172237	85.189595	Normal
18/3/21	4:53:0	79	0.1	280	10.1	2800	3313	G	25.173037	85.189242	Normal
18/3/21	4:53:23	79	0.1	220	10.1	2200	2631	G	25.173357	85.188298	Speed Breaker
18/3/21	4:53:23	79	0.1	250	20.2	2500	2972	G	25.17364	85.187357	Normal
18/3/21	4:54:34	79	0.1	240	10.1	2400	2858	G	25.17362	85.18648	Speed Breaker
18/3/21	4:54:34	79	0.1	240	10.1	2400	2858	G	25.172693	85.186397	Normal
18/3/21	4:55:9	79	0.1	220	10.1	2200	2631	G	25.171788	85.186347	Normal
18/3/21	4:55:9	79	0.1	220	10.1	2200	2631	G	25.170912	85.186212	Normal
18/3/21	4:55:45	79	0.1	250	20.2	2500	2972	G	25.170043	85.18579	Normal
		AVERAGE		2979							

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

NEW MAINTENANCE POLICY 2018

Bill of Quantities(Revised)

Road Name :-	Kobil Telhara Road Shekhabdullah Road Via Mujaffara				
Length of Road	3050M	BLOCK :-	Islampur		
		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 direction of E/I	1.830	Cum	49739.530	91023.34
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	1239.490	Sqm	15.980	19807.05
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).				
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).	945.500	Cum	230.690	218117.40
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.	502.329	Cum	2203.190	1106726.50
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	91.310	Cum	2822.010	257677.73
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	118.520	Cum	2681.730	317838.64

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	1580.322	Sqm	54.700	86443.60
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.	11322.600	Sqm	18.540	209921.00
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 static roller and finishing to required level and grades as per Technical Specification Clause 509.	1580.320	Sqm	170.840	269981.87
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	243.557	Cum	11751.940	2862265.78
12	Cement Concrete Pavement-Construction of un-reinforced, jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125	307.836	Cum	6481.770	1995322.15
13	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.	44.000	Cum	510.010	22440.44
14	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.				
15	ii) Km stone	4.000	Each	2175.840	8703.36
16	iii) 200 m stone	12.000	Each	638.010	7656.12

Approved as Corrected

SE, RWD (W) Circle
Nalanda

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
17	Direction and place identification signs up to 0.9 sqm size board--Providing and erecting direction and place identifications of semi reflective sign boards as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheetn 2 mm thick with area exceeding 0.69 sqm supported on mild steel angle iron posts 75mmx75mmx6mm, 2nos firmly fixed to the ground by means of properly designed foundation with M-	10.000	Sqm	9280.750	92807.50
18	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 designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801				
19	600 mm equilateral & triangle,	5.000	Each	3542.940	17714.70
20	600 mm circular ,	5.000	Each	4499.720	22498.60
21	800 mm x 600 mm rectangular,	6.000	Each	6094.330	36565.98
22	600 mm x 450 mm rectangular,	6.000	Each	4419.980	26519.88
23	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	102.000	Each	813.710	82998.42
24	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.	509.400	Sqm	850.930	433463.74
25	PCC Portion	100.600	Sqm	945.451	95112.36
26	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 iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly	2.000	Each	9924.610	19849.22
27	Plastering with cement mortar(1:4) on brick work in sub structure as per technical specifications	2.880	Sqm	7514.290	21641.16
28	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	12.000	m	398.070	4776.84
29	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	20.160	Sqm	178.910	3606.83

S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
30	Painting Two Coats on New/Concrete Surface- Painting Two Coats including primer coat after filling the surface with synthetic enamel paint	58.560	Sqm	107.900	6318.62
31	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	0.211	Cum	7514.290	1585.52
32	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	57.815	Cum	178.910	10343.68
33	Painting parapet wallPainting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	57.815	Cum	107.900	6238.24
34	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/T	15.040	Cum	48.360	727.33
35	Total (A)				8356693.59
39	Total Cost of Maintenance	20.000	Quarterly	1,41,450.95	2829019.00
40	Total (B)				2598177.00
44	Grand Total (A+B)				10954870.59
Total BOQ Cost					10954871.00

Handwritten signature/initials

R.O.O. Approved for Rs. 1,09,54,871.00 (Less Commission
 of Rs. Fifty Four Thousand Eight Hundred and 71 Paise only.
 Construction Cost and Rs. Sixty One Lacs only (Rs. 61,00,000.00)
 only for Maintenance work. Total
 Rs. 1,09,54,871.00 only.

Handwritten signature
 26/12/2020
 A.E.
 RWD
 Circle Nalanda

Handwritten signature
 26/12/20
 S.E.
 RWD
 Circle Nalanda