

File No. RW/G -23012/01/2019-W&A (Pt.IV)
Government of India
Ministry of Road Transport & Highways
(Planning Zone)
 Transport Bhawan, 1, Parliament Street, New Delhi - 110001

Dated the 8th July, 2021.

OFFICE MEMORANDUM

Sub: Setting up of dedicated on-line NHs Maintenance Monitoring Cells for National Highways (NHs) in the Ministry, NHIDCL and BRO - Reg.

Ref: (i) Ministry's Letter of even no. dated 04.02.2021 (Integration of NSV / FWD Survey Data with RAMS for all NHs, irrespective of Agencies (State PWD/ NHAI/ NHIDCL/ BRO) they are entrusted with)

As already mentioned from time to time, the Ministry has been receiving frequent complaints and public criticisms and grievances regarding inadequate Maintenance & Repair (M&R) of NHs entrusted with various executing agencies (such as State Governments / UTs, NHAI, NHIDCL, BRO) to ensure their traffic worthiness.

2. Presently, there is lack of well-planned coordinated approach for undertaking maintenance & repair (M&R) activities by various agencies. Further, limited budgetary resources are available annually for M&R of NHs.

3. The Ministry is in the process of institutionalizing on-line system for asset management system for NHs with a view to ensure optimal resource utilization.

4. The issue was also emphasized during recent review of the Road Sector by Hon'ble Prime Minister held on 21.06.2021.

5. As already intimated vide letter under reference (i) above, on-line Road Asset Management System (RAMS) has been developed for NHs with the objective to create a single road database for managing and maintaining NHs network.

6. An ad-hoc centralised RAMS cell established in NHAI is currently functional for collation of data collected through Network Survey Vehicle (NSV), etc. NHAI is in the process of upgrading the cell through outsourcing, for which tenders have been invited.

7. With reference to the letter under reference no. (i) above, all executing agencies including State Govts./ UTs are being separately requested again to ensure that data collected through Network Survey Vehicle (NSV) and Falling Weight Deflectometer (FWD) as per the Ministry's extant policy are periodically & promptly uploaded in the appropriate format on the following portal without failure: -

<http://nsvsurvey.nhai.org/NSVsurvey/>

8. The Ministry is also in the process of enhancement of the RAMS software hosted on the portal.

9. It has been decided with the approval of Competent Authority to set up a separate dedicated cell for on-line NHs Maintenance Monitoring for the NHs entrusted with State Govts./ UTs. Sh. Sanjeev Kumar, CE (S&R looking after IBMS) and Director (IAHE), has been designated as the nodal officer for the Cell; separate order has been issued by Establishment Div. of the Ministry in this regard. Sh. Sanjeev Kumar is requested to immediately finalise



the manpower requirement and initiate proposal for hiring manpower through outsourcing for day to day operation of the cell. He will also work out the equipment and software required (if any) required for the purpose along with working space requirement and initiate the procurement proposal of such equipment / software / working space. Cell shall be supported by dedicated Technical officers posted from the CES (Roads) cadre.

10. The Terms of Reference (TOR) for the above mentioned dedicated cell is enclosed herewith.

11. NHIDCL and BRO are being separately requested to immediately set up such dedicated on-line NHs Maintenance Monitoring Cells in their respective organizations.

12. This issues with the approval of Secretary (RT&H).

Enclosure: As above

(A. Maulik)

Executive Engineer (Planning)
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To

Sh. Sanjeev Kumar, CE(S&R looking after IBMS) & Director (IAHE)

Copy along with enclosures for information and necessary action to: -

1. The Chairman, NHAI (Kind Attn.: Member (RKP), NHAI)
2. The Managing Director, NHIDCL
3. Director General (Border Roads)
4. Principal Secretaries/ Secretaries of all States/UTs Public Works Department dealing with National Highways
5. All Engineers-in-Chief and Chief Engineers of Public Works Departments of States/ UTs dealing with National Highways
6. All CEs in the Ministry of Road Transport & Highways
7. All ROs of the Ministry of Road Transport & Highways
8. The Secretary General, Indian Roads Congress
9. CGM (IT), NHAI
10. RAMS Cell, NHAI
11. Technical circular file of S&R (P&B) Section
12. NIC-for uploading on Ministry's website under "What's New"

Copy along with enclosure for information to:-

1. PS to Hon'ble Minister (RT&H)
2. PS to Hon'ble MOS (RT&H)
3. Sr. PPS to Secretary (RT&H)
4. Sr. PPS to DG (RD) & SS
5. Sr. PPS / PPS to AS&FA
6. Sr. PPS / PPS to Addl. Secretary (RT&H)
7. Sr. PPS / PPS / PS to ADG-I/II/III/IV/V
8. Sr. PPS / PPS / PS to JS (Admn.)/ JS (H)/ JS (MMLP)/ JS(IT)

Enclosure to Ministry's OM No. RW/G-23012/01/2019-W&A (Pt.IV) dated 08.07.2021

Terms of Reference ("TOR") for dedicated on-line NHs Maintenance Monitoring Cells in the Ministry

I. The dedicated on-line NHs Maintenance Monitoring Cell set up in the Ministry shall primarily be responsible for

1. Overall monitoring of maintenance & repair (M&R) activities on NHs entrusted with State Govts./ UTs.
2. Coordination with the Consultants engaged for ERP/ eDisha (DXC Technology) regarding providing guidance for upgradation of the online RAMS software developed by NHAI and uploaded on the portal, in close consultation with Centralized RAMS Cell of NHAI. This cell will also have close liaison with similar cell of NHIDCL and BRO.
3. Ensuring that all Technical issues are resolved by the Consultants engaged for ERP/ eDisha (DXC Technology) while enhancing the software.
4. Ensuring enhancement of the RAMS software by ERP/ eDisha Team on the portal by August, 2021.
5. Regular follow up with ROs of the Ministry to ensure timely upload on the NSV data and FWD data on the RAMS web portal and data integrity (i.e. data is appropriately filled in and as per specified format).
6. Accessing RAMS portal on regular basis and ensure that data forwarded by ROs of the Ministry from time to time are uploaded on the portal.
7. Regular follow up and interaction with Centralized RAMS Cell set up in NHAI to ensure timely processing and analysis of data.
8. Prioritization of State / UT-wise NHs stretches assigned with State Govts./ UTs (excluding stretches in which works awarded & appointed dates given/ under implementation/ under DLP) for maintenance works (separately for routine maintenance, PR/IRQP) and development works (e.g. strengthening and large-scale rehabilitation/ widening projects) as per estimated available budgetary outlay for the Financial Year (FY). The prioritization exercise shall be undertaken through Centralized RAMS cell of NHAI and communicated to all Project Zone CEs and ROs of the Ministry with the approval of Competent Authority by 31st January of the previous FY based on estimated available budgetary outlay for States/ UTs.
9. Cell should coordinate with the concerned project Zone CEs so that State/ UT-wise draft Action Plan/ Maintenance Strategy prepared on the outcome of the analysed / prioritised data from the centralised RAMS Cell for the Financial Year are received from all Project Zone CEs/ ROs by 28th February of the previous FY based on estimated available budgetary outlay. The Action Plan/ Maintenance strategy to give details of stretches to be covered under Contract maintenance/ Routine Maintenance through agencies on reimbursement system/PR/ IRQP works, their lengths, estimated costs, timelines (specifying particular month of the FY) for commencing and completing these works and fund requirements for the FY in MS-Excel format considering 80% of estimated fund availability for the State / UT for the FY. 20% of estimated fund for the State/ UT shall be separately kept for other

stretches on which additional works of routine maintenance/ PR/ IRQP nature may have to be taken up in case it is not possible to take up development works on such stretches during the FY.

10. Regular interaction with Planning Zone of the Ministry regarding State/ UT-wise estimated budgetary outlay for the FY and for finalization of prioritization exercise/ Action Plan/ Maintenance Strategy.
11. Optimization of proposal for State/ UT-wise Action Plan/ Maintenance strategy for M&R of NHs for NHs entrusted with State Govts./ UTs for the FY as per the available budget in consultation with Centralized RAMS Cell of NHAI, if required.
12. Communicating final Action Plan/ Maintenance strategy to Project Zones/ ROs of the Ministry by 15th March of the previous Financial Year.
13. Monitor implementation of Action Plan/ Maintenance strategy for M&R of NHs (Contract/ routine maintenance and PR/ IRQP works) for the Financial Year every month through ROs & States/ UTs.

II. The Cell should immediately finalise the manpower requirement, equipment and software required (if any) along with office space and accordingly should initiate the proposal for hiring / procurement apart from getting regular dedicated Technical officers posted from the CES (Roads) cadre.

