

No. H-39011/25/2016-P&P (Pt. II)
Government of India
Ministry of Road Transport & Highways
Transport Bhawan, 1 Parliament Street, New Delhi-110001

12th February, 2018

Advertisement for Applications for deputation to Project Team for Implementation of Integrated Technology Solution at MoRTH, NHAI and NHIDCL

1. Ministry of Road Transport and Highways (MoRTH) invites applications for deputation to the Project Management Unit for implementation of Integrated Technology Solution (ERP) at MoRTH, NHAI and NHIDCL. Following are the details of the positions to be filled:
 - (i) Project Team at MoRTH: 3 No.s
 - (ii) Project Team at NHAI: 3 No.s
 - (iii) Project Team at NHIDCL 2 No.s
2. Only the following are eligible to apply:
 - (i) MoRTH: All AEEs and EEs currently posted at Head Quarters and Regional Offices
 - (ii) NHAI: All Managers and Deputy Managers currently posted at Head Quarters and Regional Offices
 - (iii) NHIDCL: All Managers and Deputy Managers currently posted at Head Quarters and Branch Offices

Applications from other than above officials shall not be considered.

3. The application form along with Terms of Reference is enclosed as Annexure I. All applications shall be mailed or submitted in hardcopy by 5.00 PM on 19.02.2018 to the following address:

Name & Address	Email
Shri. Rajesh Kumar Section Officer Room No. 426, Transport Bhawan, New Delhi-110001	rajesh.kumar25@nic.in
Shri. Rajeev Nayan Section Officer Room No. 230, Transport Bhawan, New Delhi-110001	rajeev.nayan@nic.in

4. All the applicants shall be called for an interview, date of interview shall be informed. Selection is on the basis of the interview.

5. Applicants may note the following:

- (i) The deputation shall be for duration of 2 years and extendable by 1 year based on MoRTH requirement and performance. Selected candidates shall be fully responsible for implementation of the project and shall not hold any additional responsibilities.
- (ii) All the positions are based out of New Delhi.



Debjani Chakrabarti

Director (Highways)

Room No. 102

Transport Bhawan, 1 Parliament Street

New Delhi - 110001

Annexure I

Background:

Ministry of Road Transport and Highways has approved the implementation of an Integrated Technology Solution for the Ministry, NHAI and NHIDCL. The Program will span over a period of 7 years (84 months), which includes 24 months of solution design and implementation phase, followed by the 60 months of operations and maintenance period.

I - OVERVIEW AND SCOPE OF THE PROGRAM

1 About the Program:

- 1.1 The primary objective of the program is to design, develop, implement and enable an integrated technology solution, which will digitize processes across the highway award and construction value chain - starting from the conceptualization stage of a project, to the operations and maintenance phase of the project.
- 1.2 Accordingly, around 3000 requirements were finalized for the entire value chain of a road construction business as part of the software requirement specifications.
- 1.3 Creation of the integrated technology solution will result in rationalization of existing applications / tools / systems. This rationalization exercise will result in a new system landscape which will have almost half the number of systems compared to the current set-up.
- 1.4 New applications have been proposed that are meant to subsume many legacy systems and establish an integrated solution. Over 20 systems are proposed to be retired, and data to be migrated to the newer corresponding entrant in the landscape.
- 1.5 A consortium led by M/s EIT Services India Private Limited has been appointed as the System Integrator (vendor) for design, development, implementation and enablement of an Integrated Technology Solution at MoRTH, NHAI, and NHIDCL.

2 Scope of the transformation:

2.1 The overall scope of work of the System Integrator consists of six major areas:

- (i) **Process:** The System Integrator will understand the user requirements, conduct gap analyses and develop a design for the proposed process.
- (ii) **Technology:** The System Integrator will undertake application rationalization, building and deploying integrated custom solutions, and purchase of hardware/licenses.
- (iii) **Digitization:** This includes one-time data digitization, providing ongoing service for scanning and digitization, undertaking data clean up, and ensuring conversion and migration to the new system and GIS mapping.
- (iv) **Managed Services:** This will include providing required Data centers and Disaster Recovery as a service model, and overhaul of IT facilities and application management. It will also include creation of a Help desk for the transformation.
- (v) **Change management:** The System Integrator will ensure communication and training to all involved stakeholders to facilitate change.
- (vi) **Program management:** This includes stakeholder management and adherence to governance policies during the transformation.

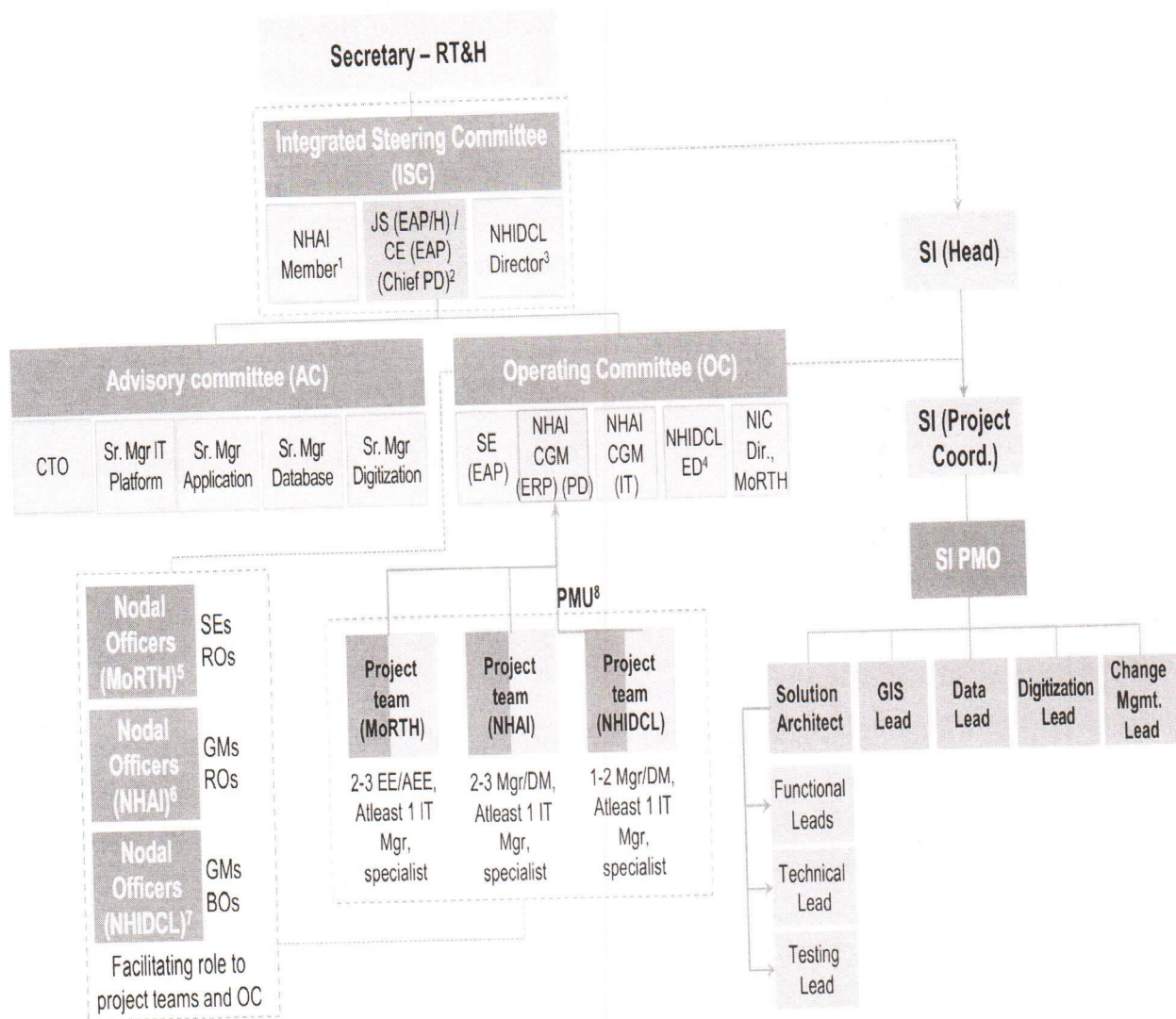
2.2 The System Integrator shall be responsible for ensuring clear outcomes from the technology solution in each of the following process areas:

- (i) Project Management
- (ii) Operations & Management
- (iii) Finance
- (iv) HR & Payroll
- (v) Procurement
- (vi) Workflow & DMS
- (vii) Analytics and reporting
- (viii) Audit, Legal & Compliance

3 **Timelines of the transformation:**

3.1 The project shall span over a period of 7 years (2017-2024). This will include 24 months of solution design and implementation phase, followed by 60 months of operations and maintenance period.

- 3.2 The implementation phase shall constitute of three sub-phases - Wave 1, Wave 2 and Wave 3. The business blueprint for all phases shall be completed within the first three (3) months of project initiation.
- 3.3 **Wave 1** shall focus on applications in two areas i.e. Project Monitoring, Operations and Maintenance and document management. Implementation of Wave 1 shall occur over the first 3 months of project initiation (Month 0 to Month 3).
- 3.4 **Wave 2** shall focus on applications in four areas i.e. Legal, Finance, HR including Payroll and Enterprise portal, and Procurement and Supplier Management. These shall be implemented from Month 3 to Month 5. The process areas of Project Monitoring and Operations and Maintenance would continue for 5 months (Month 6 to Month 11).
- 3.5 **Wave 3** shall observe continuation of work on applications related to Finance, Procurement and Supplier Management, and Legal for 4 months (Month 10 to Month 14). It shall also observe continuation of Project Monitoring, Operations and Maintenance for 5 months (Month 12 to Month 17). Business Intelligence and Analytics as a process shall be taken up for 5 months (Month 13 to Month 18).
4. **Program Management Office:**
- 4.1 A three-tiered Program Management Office (PMO), which shall guide/facilitate the System Integrator and oversee the entire transformational program.
- 4.2 The PMO is structured in 3 main levels - Program Management Unit, which shall be the on-ground team, the Operating Committee (OC) and at the senior most level, the Integrated Steering Committee (ISC). Additionally, there shall be 2 supporting groups to the PMO - 'Nodal Officers' and the 'Advisory Committee'. The schematic is as follows:



II - Terms of reference - Project Team

5. **Objective:** Work closely with the System Integrator team and report directly to the CGM, ERP and the Operating Committee to ensure all deliverables are met. Project team is required to provide an end-to-end process input to the Operating Committee. It is also needed to coordinate/drive effective and efficient transformation of end-to-end processes across the functions at the ground level.
6. **Scope of Work:**
 - (i) Monitoring and reporting end-to-end process performance and issues against process specific KPIs.
 - (ii) Focus on issues impacting achievement of overall targets for the delivery of the end-to-end processes.

- (iii) Provide functional knowledge of various systems/ processes in the organization to the SI for design of technology solution.
- (iv) Advise on the setting of targets and measures within each specific delivery/functional platform to ensure that these align with targets and measures for the end-to-end process.
- (v) Submit proposals regarding major changes and cost implications to the Operations Committee.
- (vi) Assist the System Integrator in obtaining necessary information and documents from all the stakeholders as required for digitization and process mapping.
- (vii) Prepare documents for Operating Committee and Integrated Steering Committee for review meetings, change requests, payment approvals, SLAs adherence etc.
- (viii) Any work assigned by CGM, ERP or OC or ISC or Advisory Committee.

Format for the Application

1.	Basic information			
(i)	Position Applied for :			
(ii)	Name:			
(iii)	Age/Date of Birth:			
(iv)	Total years of Experience:			
(v)	Current Posting:			
(vi)	Current Position/ Designation:			
(vii)	Mobile Number & Email Id:			
2.1	Educational Information			
	Degree	College/University	Year of Passing	Marks Obtained
(i)	B.E./ B.Tech/ MCA etc.			
(ii)	M.E./M.Tech			
(iii)	Any Other			
2.2	Professional Certification			
	Name of Certification	Certification Body	Year of Certification	Current Validity
(i)				Yes/ No.
(ii)				Yes/No
(iii)				Yes/ No
3.	Employment Record			
Sr. No.	Name of the Organisation/ Employer	Position held/ Location of work	(from ___ to)	Major Responsibilities
(i)				
(ii)				
(iii)				

4. Professional Experience

Summary of Key Skills relevant to position applied for:

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5. Previous Experience in Information Technology if any:

Date: _____

Signature: _____

Name: _____

